

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032119\  
 Data File : VX008304.D  
 Acq On : 21 Mar 2019 20:47  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 3/22/2019 5:18:19 PM

Quant Time: Mar 22 10:04:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 19 13:15:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 218003   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 354109   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 334516   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 166741   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.06   | 65  | 147237   | 44.84 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 89.68%  |      |
| 35) Dibromofluoromethane    | 5.50   | 113 | 118245   | 49.88 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.76%  |      |
| 50) Toluene-d8              | 8.71   | 98  | 465422   | 51.79 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.58% |      |
| 62) 4-Bromofluorobenzene    | 11.13  | 95  | 172941   | 55.89 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 111.78% |      |

| Target Compounds              |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 101372  | 38.35  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 92130   | 27.78  | ug/l | 93     |
| 4) Vinyl Chloride             | 1.41 | 62  | 103966  | 31.44  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 177394  | 62.98  | ug/l | 100    |
| 6) Chloroethane               | 1.71 | 64  | 73111   | 35.26  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 168409  | 39.91  | ug/l | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 87605   | 40.35  | ug/l | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 109958  | 39.25  | ug/l | 96     |
| 10) Methyl Iodide             | 2.51 | 142 | 148484  | 41.62  | ug/l | 97     |
| 11) Tert butyl alcohol        | 3.06 | 59  | 131585  | 187.21 | ug/l | 97     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 103714  | 39.21  | ug/l | 95     |
| 13) Acrolein                  | 2.30 | 56  | 159977  | 326.44 | ug/l | 98     |
| 14) Allyl chloride            | 2.73 | 41  | 199786  | 34.70  | ug/l | # 86   |
| 15) Acrylonitrile             | 3.14 | 53  | 373719  | 201.02 | ug/l | 98     |
| 16) Acetone                   | 2.45 | 43  | 303811  | 163.15 | ug/l | 95     |
| 17) Carbon Disulfide          | 2.57 | 76  | 283420  | 33.06  | ug/l | 99     |
| 18) Methyl Acetate            | 2.77 | 43  | 173404  | 40.22  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 441675  | 46.18  | ug/l | 98     |
| 20) Methylene Chloride        | 2.85 | 84  | 118377  | 38.12  | ug/l | 91     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 130756  | 45.76  | ug/l | 91     |
| 22) Diisopropyl ether         | 3.85 | 45  | 588426  | 52.18  | ug/l | # 78   |
| 23) Vinyl Acetate             | 3.82 | 43  | 2418773 | 250.17 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 241665  | 41.66  | ug/l | 98     |
| 25) 2-Butanone                | 4.68 | 43  | 621118  | 225.96 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 180653  | 41.34  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 157084  | 48.22  | ug/l | 96     |
| 28) Bromochloromethane        | 5.02 | 49  | 110604  | 42.47  | ug/l | 88     |
| 29) Tetrahydrofuran           | 5.13 | 42  | 429376  | 249.87 | ug/l | 99     |
| 30) Chloroform                | 5.21 | 83  | 284791  | 52.49  | ug/l | 99     |
| 31) Cyclohexane               | 5.58 | 56  | 256456  | 47.09  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 233591  | 51.76  | ug/l | 96     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 205847  | 49.93  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.84 | 43  | 250100  | 51.32  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 204229  | 55.60  | ug/l | 97     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 3/22/2019 5:18:19 PM

Quant Time: Mar 22 10:04:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 19 13:15:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 247177   | 49.82   | ug/l   | 97       |
| 40) Benzene                    | 6.15  | 78   | 606778   | 49.73   | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.05  | 41   | 137039   | 50.13   | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 228568   | 51.13   | ug/l   | 96       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 401617   | 51.41   | ug/l   | 97       |
| 44) Trichloroethene            | 7.21  | 130  | 167444   | 56.12   | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 167945   | 49.16   | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 106583   | 51.53   | ug/l   | 91       |
| 47) Bromodichloromethane       | 7.90  | 83   | 232823   | 59.07   | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 218787   | 52.67   | ug/l   | 92       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 77403    | 1056.01 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 1433394  | 283.83  | ug/l   | 98       |
| 52) Toluene                    | 8.79  | 92   | 410765   | 56.74   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 252498   | 51.12   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 271454   | 55.49   | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 174547   | 59.68   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 278202   | 54.18   | ug/l # | 90       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 295075   | 57.03   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 626945   | 261.61  | ug/l   | 96       |
| 59) 2-Hexanone                 | 9.49  | 43   | 1106439  | 284.57  | ug/l   | 97       |
| 60) Dibromochloromethane       | 9.58  | 129  | 182300   | 64.85   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 183759   | 60.17   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 159149   | 52.73   | ug/l   | 96       |
| 65) Chlorobenzene              | 10.13 | 112  | 439215   | 53.36   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 164662   | 57.38   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 797048   | 54.95   | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 595433   | 111.75  | ug/l   | 94       |
| 69) o-Xylene                   | 10.70 | 106  | 290384   | 56.09   | ug/l   | 95       |
| 70) Styrene                    | 10.71 | 104  | 474652   | 56.41   | ug/l   | 96       |
| 71) Bromoform                  | 10.85 | 173  | 137288   | 55.28   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 782528   | 52.65   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 400653   | 51.45   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 277797   | 52.13   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 274193m  | 58.47   | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 191788   | 53.37   | ug/l   | 89       |
| 78) n-propylbenzene            | 11.36 | 91   | 919803   | 53.28   | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 534505   | 51.59   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 659796   | 53.73   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 82893    | 45.20   | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 626617   | 51.97   | ug/l   | 96       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 638164   | 54.44   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 670691   | 53.88   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 784658   | 54.05   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 681844   | 54.26   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 339047   | 52.79   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 339233   | 51.07   | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 632183   | 53.60   | ug/l   | 97       |
| 90) Hexachloroethane           | 12.60 | 117  | 120652   | 56.37   | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 344284   | 53.17   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 64467    | 54.46   | ug/l   | 81       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

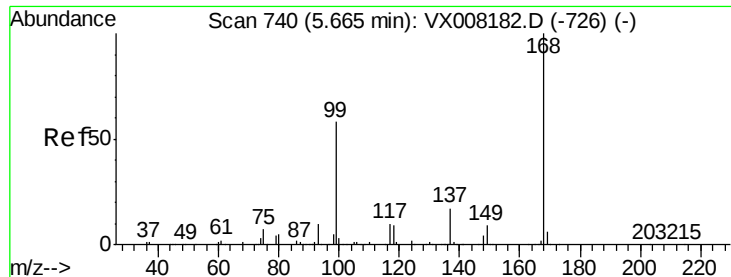
MMDadoda  
3/22/2019 5:18:19 PM

Quant Time: Mar 22 10:04:30 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031919W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 19 13:15:13 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 232076   | 54.41 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 115394   | 55.47 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 767748   | 57.03 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 234176   | 55.80 | ug/l  | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 218003

Ion Ratio Lower Upper

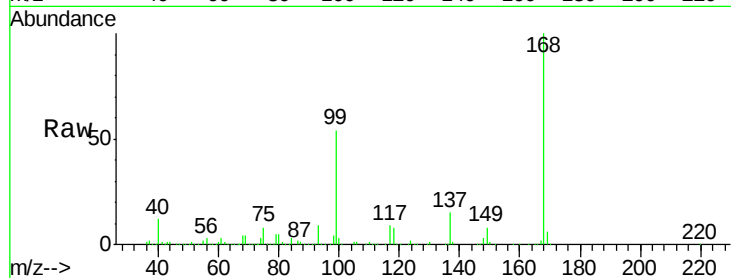
168 100

99 53.5 37.6 56.4

Manual Integrations  
APPROVED

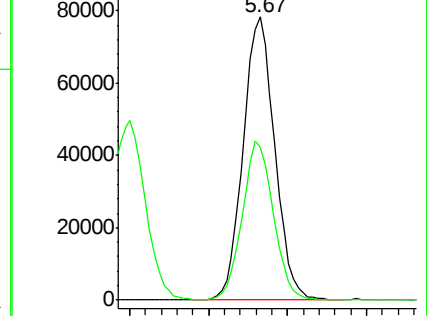
MMDadoda

3/22/2019 5:18:19 PM

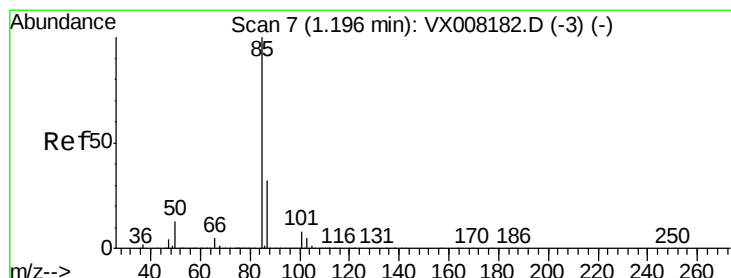
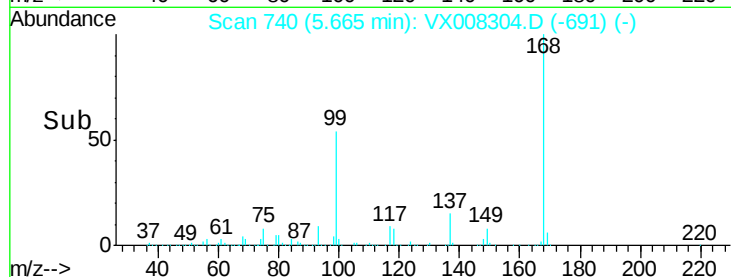


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 38.35 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008304.D

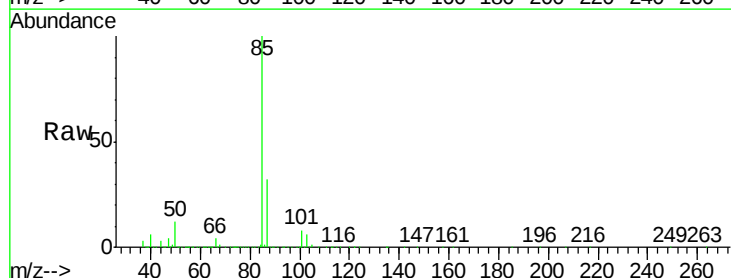
Acq: 21 Mar 2019 20:47

Tgt Ion: 85 Resp: 101372

Ion Ratio Lower Upper

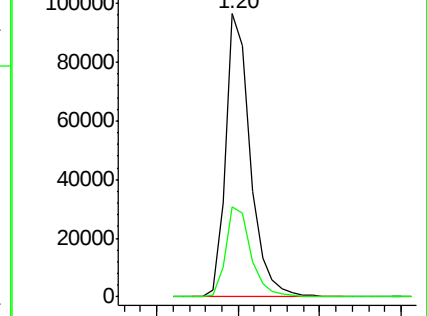
85 100

87 32.0 16.4 49.1

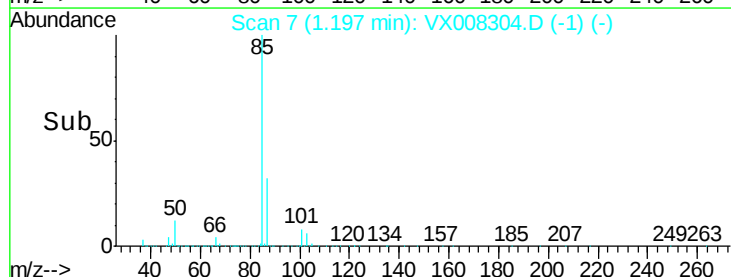


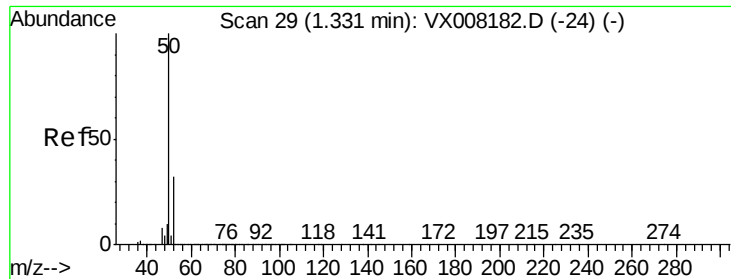
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 27.78 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 92130

Ion Ratio Lower Upper

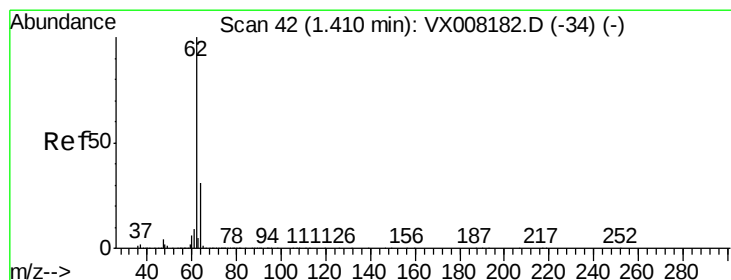
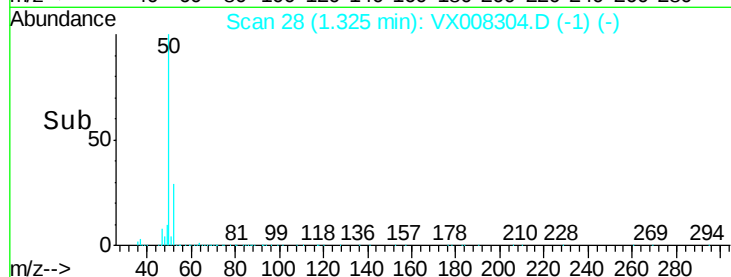
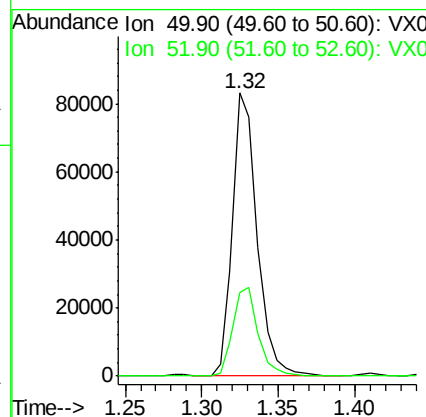
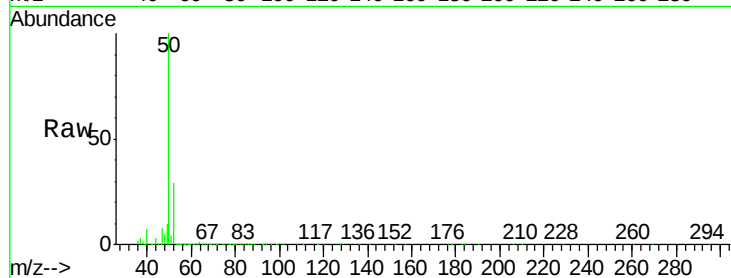
50 100

52 29.4 26.5 39.7

Manual Integrations  
APPROVED

MMDadoda

3/22/2019 5:18:19 PM



#4

Vinyl Chloride

Concen: 31.44 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008304.D

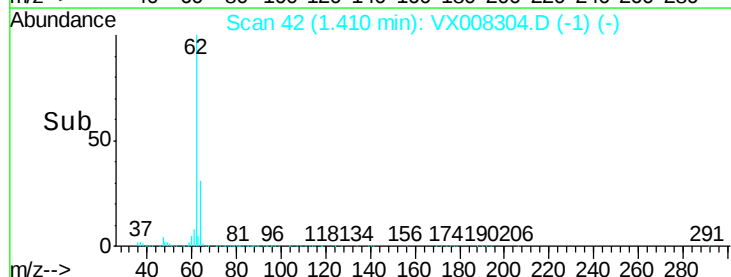
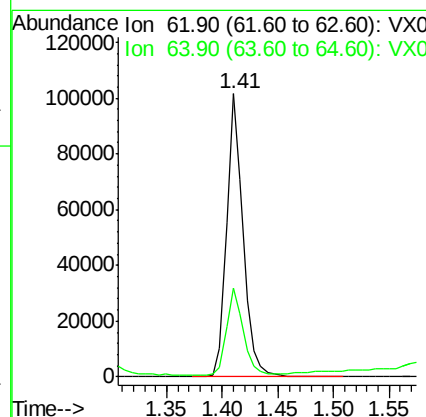
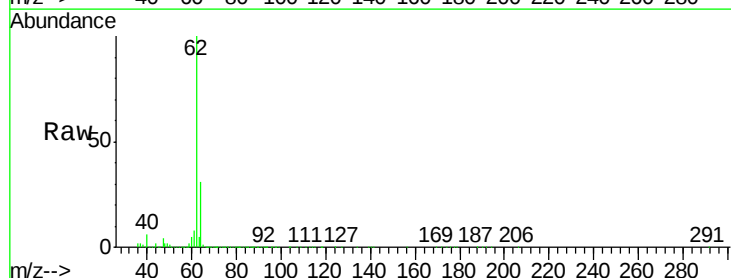
Acq: 21 Mar 2019 20:47

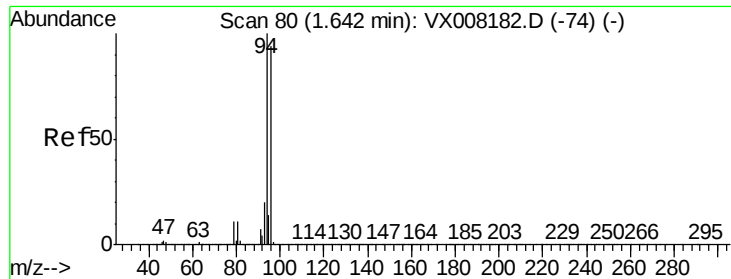
Tgt Ion: 62 Resp: 103966

Ion Ratio Lower Upper

62 100

64 30.9 25.3 37.9





#5

Bromomethane

Concen: 62.98 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 177394

Ion Ratio Lower Upper

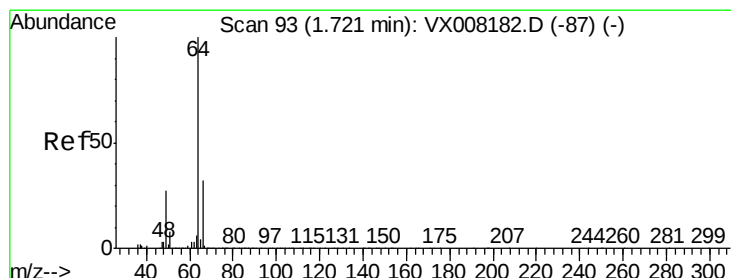
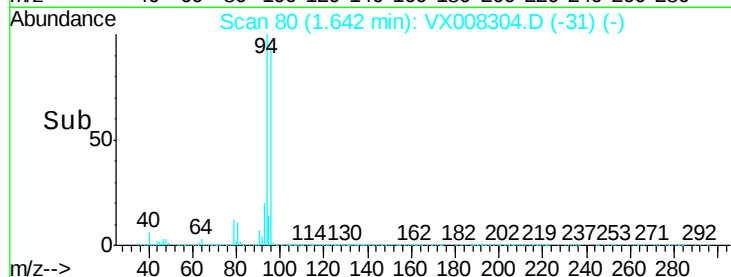
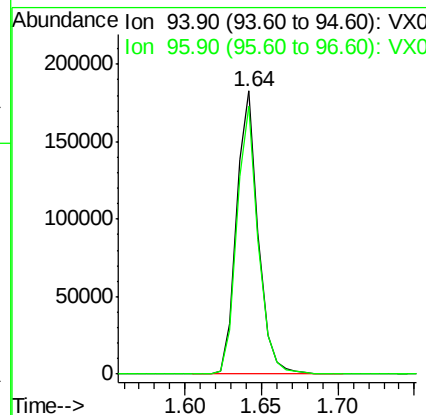
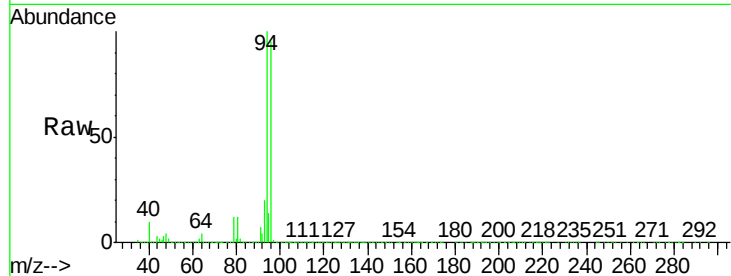
94 100

96 94.5 75.5 113.3

Manual Integrations  
APPROVED

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3/22/2019 5:18:19 PM



#6

Chloroethane

Concen: 35.26 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008304.D

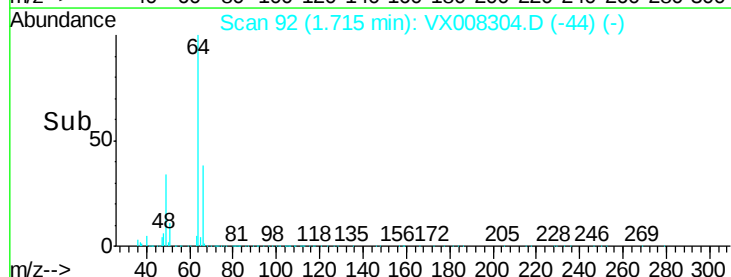
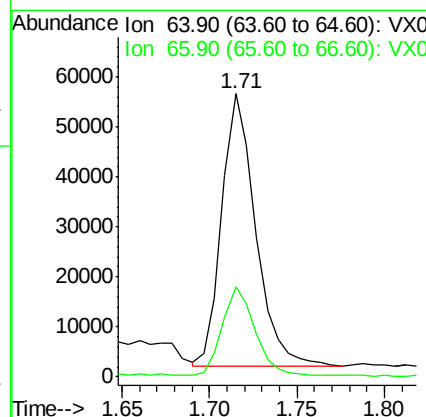
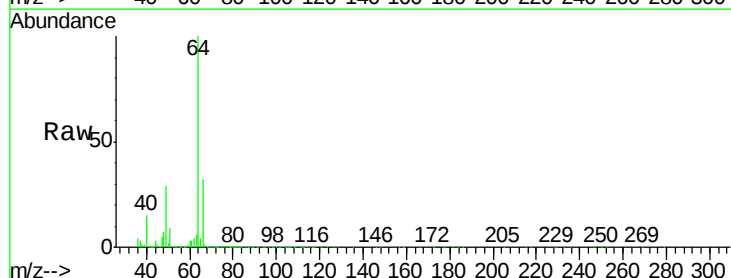
Acq: 21 Mar 2019 20:47

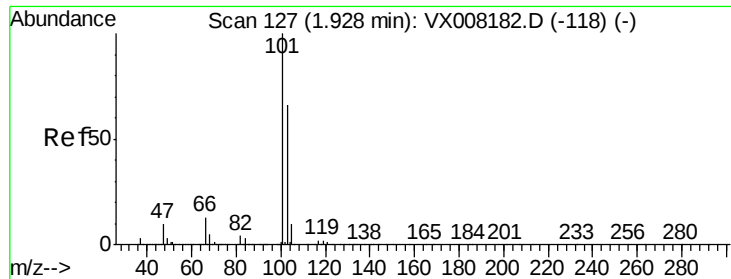
Tgt Ion: 64 Resp: 73111

Ion Ratio Lower Upper

64 100

66 32.9 25.2 37.8





#7

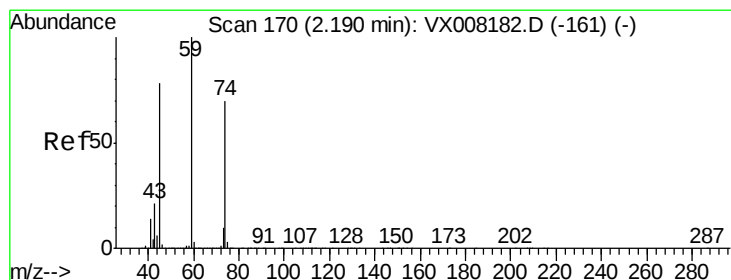
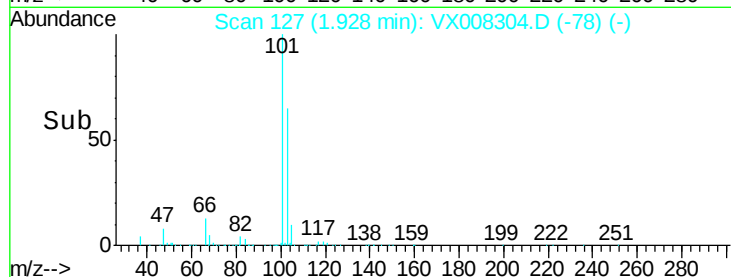
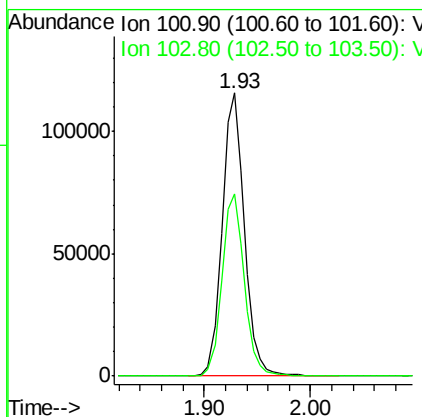
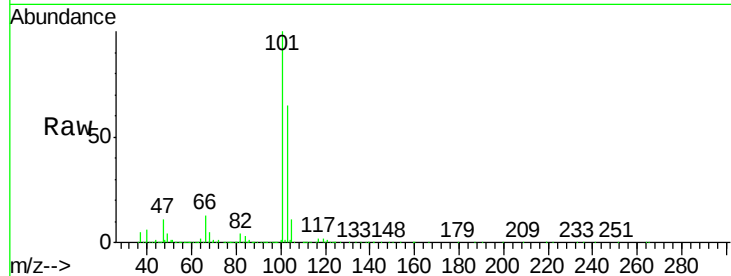
Trichlorofluoromethane  
Concen: 39.91 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.5  | 50.4  | 75.6  |

Manual Integrations  
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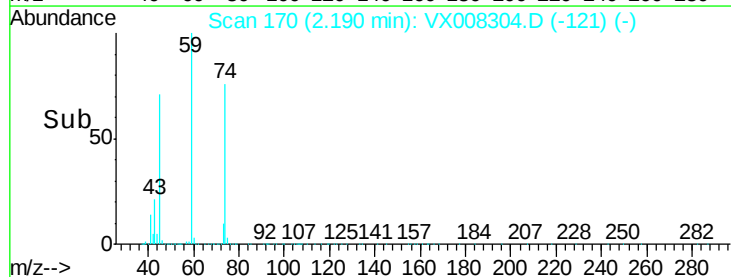
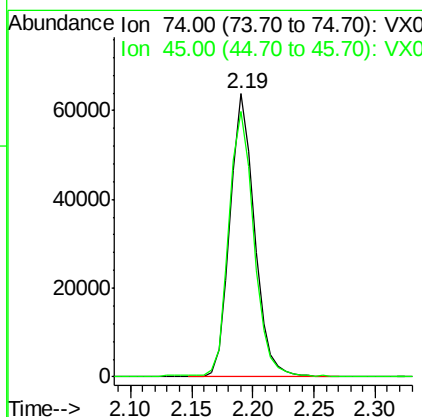
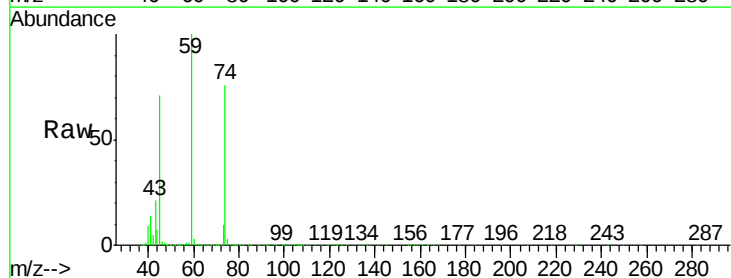
MMDadoda  
3/22/2019 5:18:19 PM

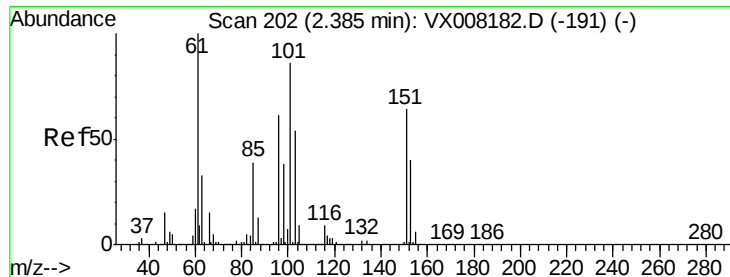


#8

Diethyl Ether  
Concen: 40.35 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 96.9  | 52.1  | 156.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.25 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

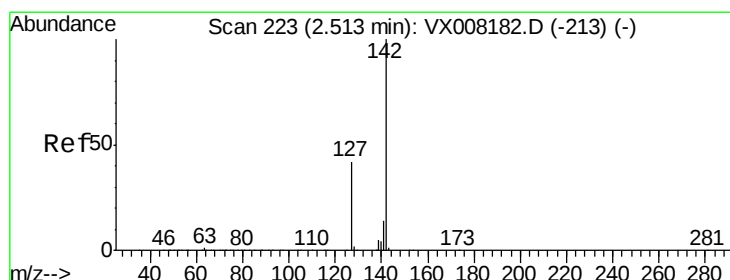
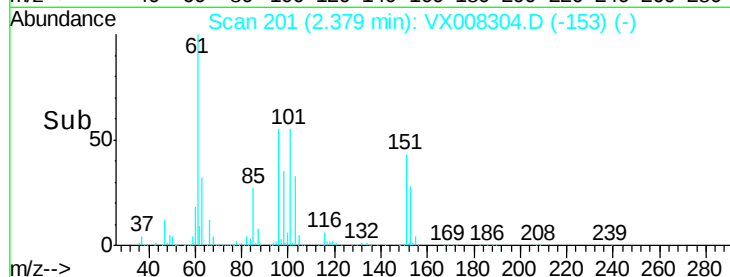
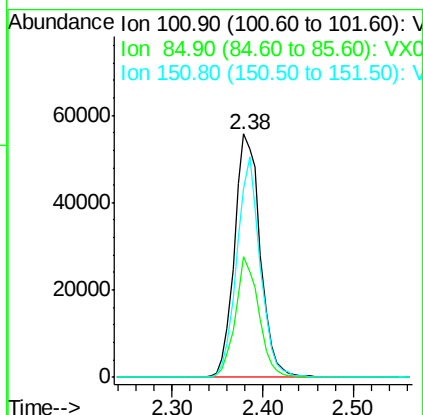
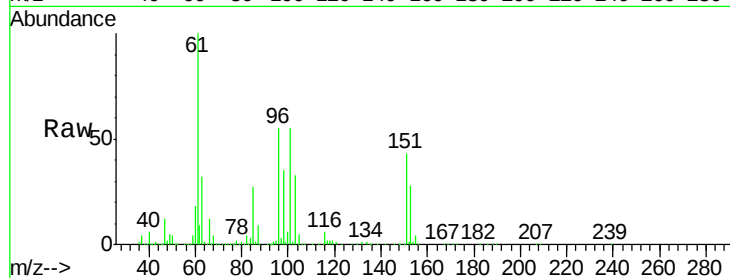
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 109958 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 45.3  | 33.8  | 50.6   |
| 151       | 82.6  | 69.1  | 103.7  |

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#10

Methyl Iodide

Concen: 41.62 ug/l

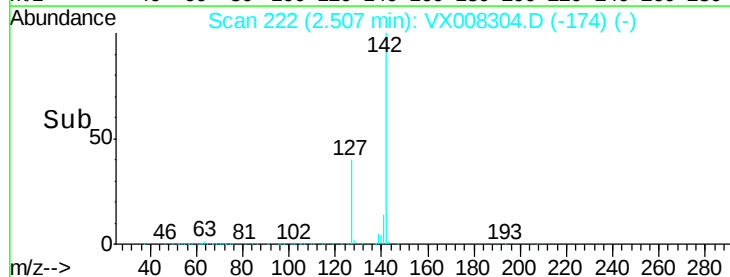
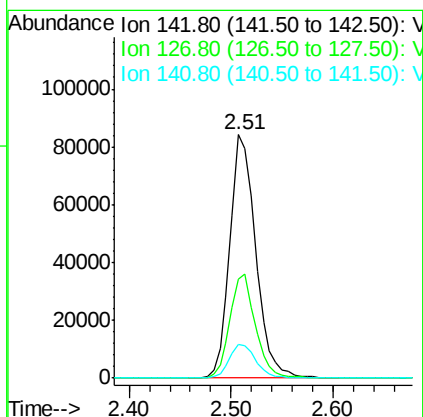
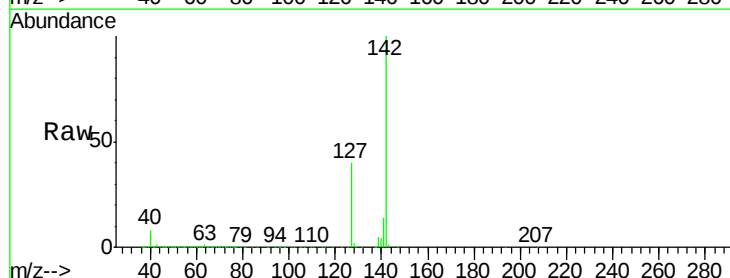
RT: 2.51 min Scan# 222

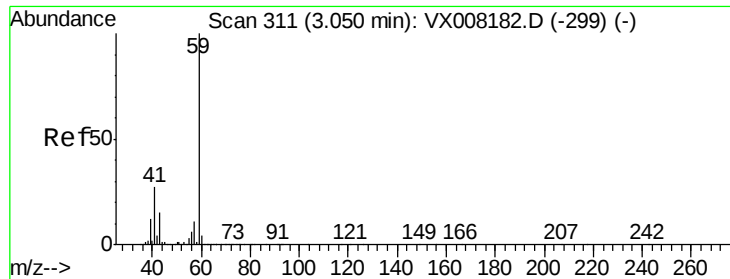
Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 148484 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.3  | 32.1  | 48.1   |
| 141       | 14.4  | 11.4  | 17.2   |





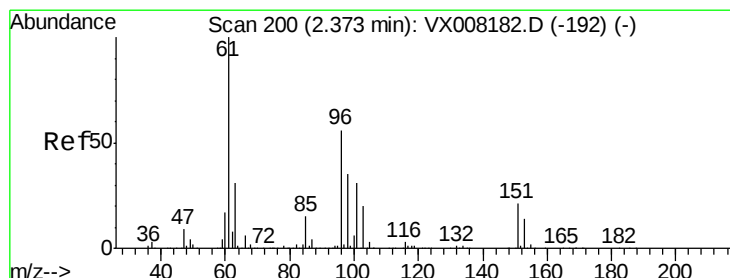
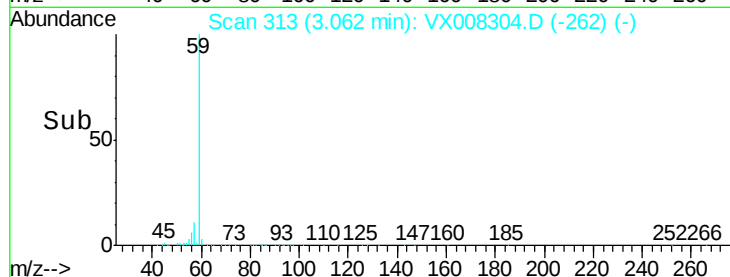
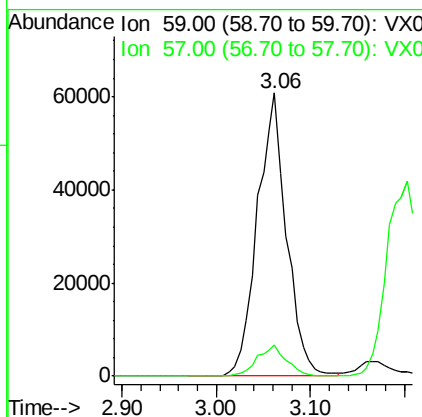
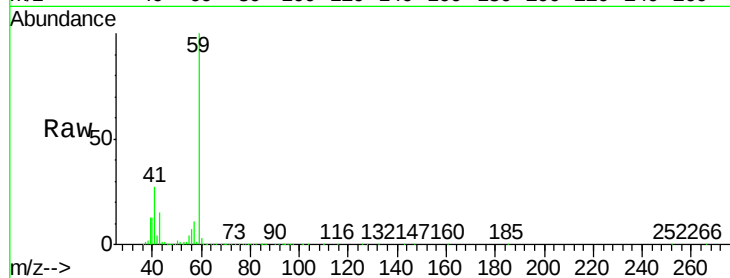
#11  
Tert butyl alcohol  
Concen: 187.21 ug/l  
RT: 3.06 min Scan# 313  
Delta R.T. 0.01 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 59 Resp: 131585  
Ion Ratio Lower Upper  
59 100  
57 11.2 8.2 12.2

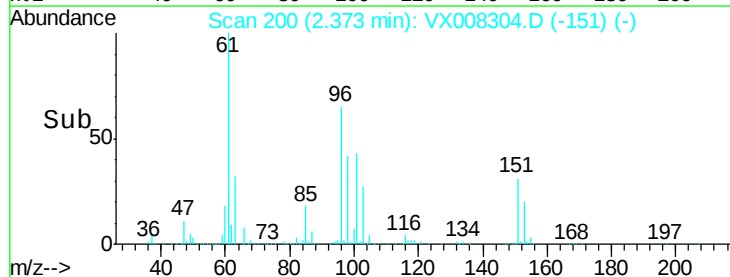
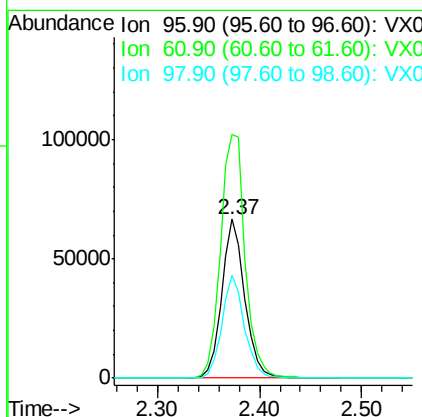
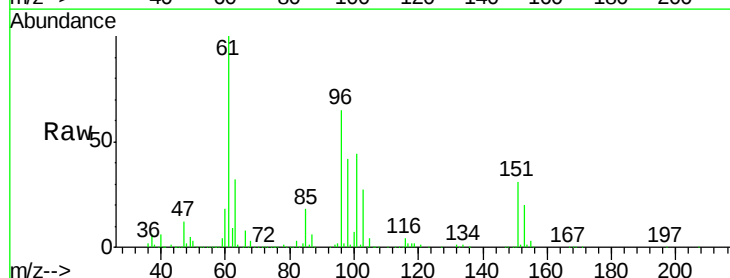
Manual Integrations  
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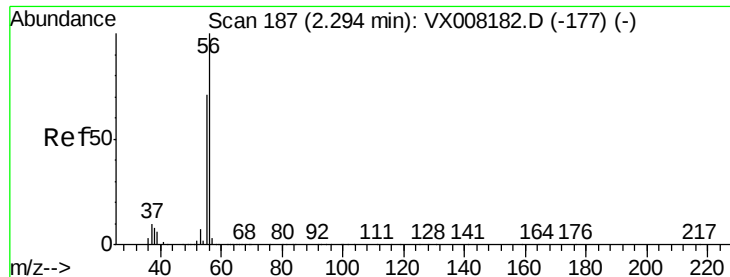
MMDadoda  
3/22/2019 5:18:19 PM



#12  
1,1-Dichloroethene  
Concen: 39.21 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Tgt Ion: 96 Resp: 103714  
Ion Ratio Lower Upper  
96 100  
61 152.8 129.8 194.6  
98 64.4 51.0 76.6





#13

Acrolein

Concen: 326.44 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 159977

Ion Ratio Lower Upper

56 100

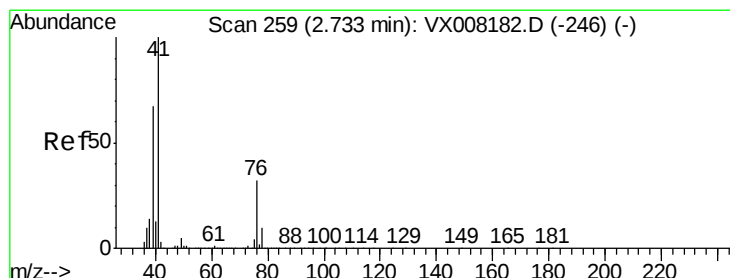
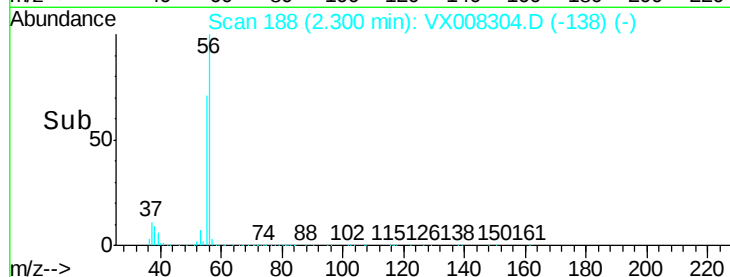
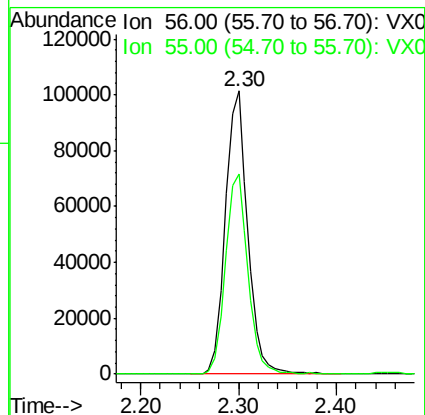
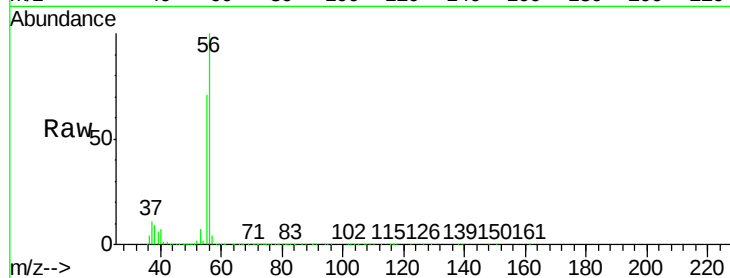
55 70.7 57.8 86.6

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#14

Allyl chloride

Concen: 34.70 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

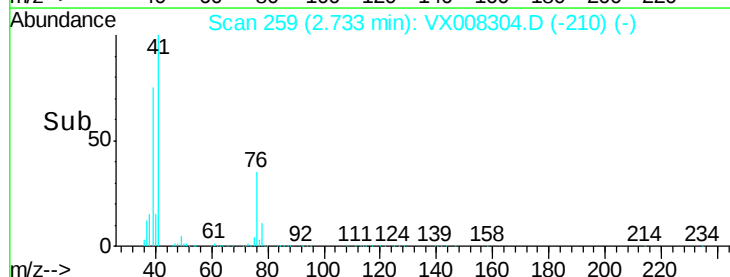
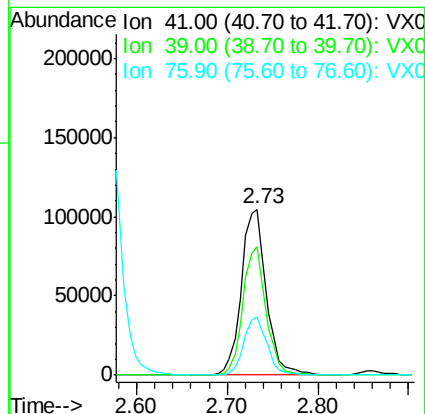
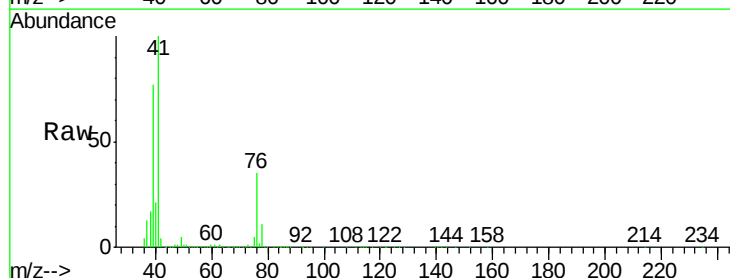
Tgt Ion: 41 Resp: 199786

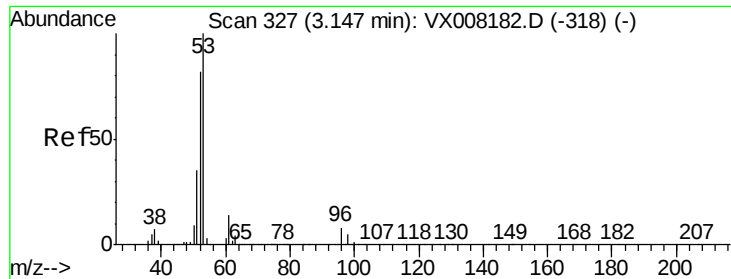
Ion Ratio Lower Upper

41 100

39 71.9 46.1 69.1#

76 32.4 24.0 36.0





#15

Acrylonitrile

Concen: 201.02 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

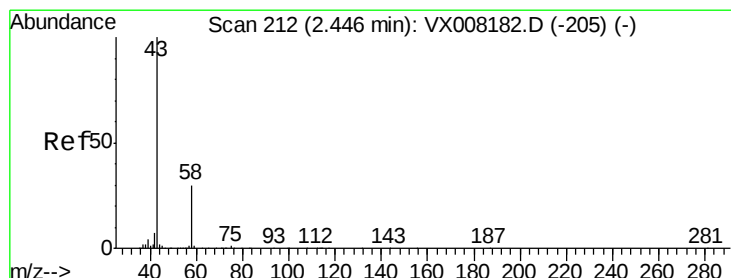
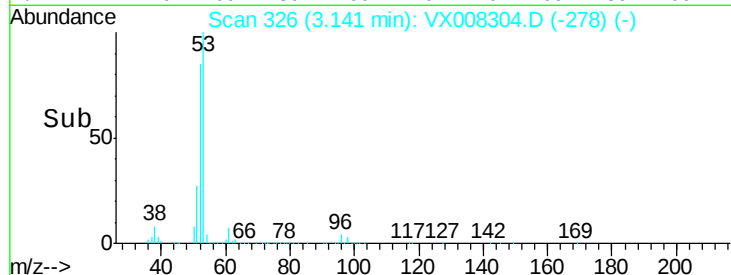
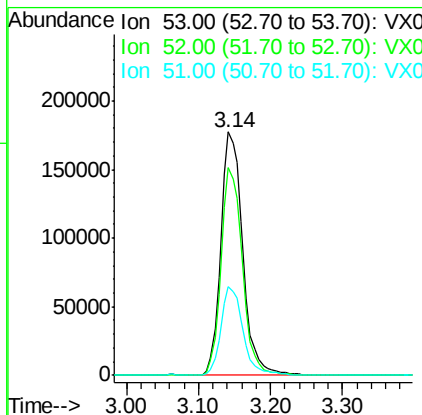
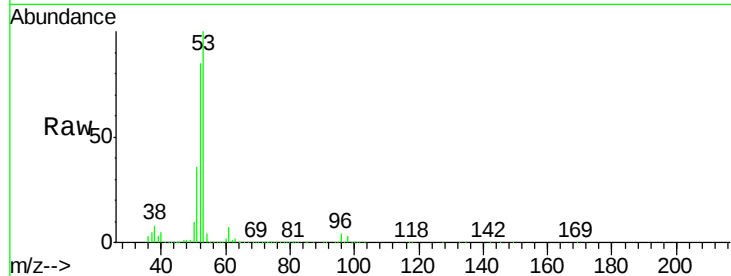
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 373719 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.5  | 66.0  | 99.0   |
| 51        | 36.6  | 28.0  | 42.0   |

Manual Integrations  
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#16

Acetone

Concen: 163.15 ug/l

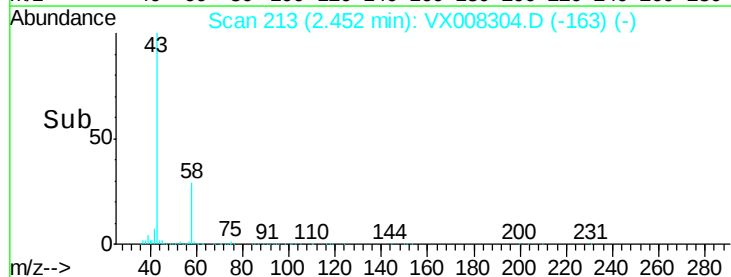
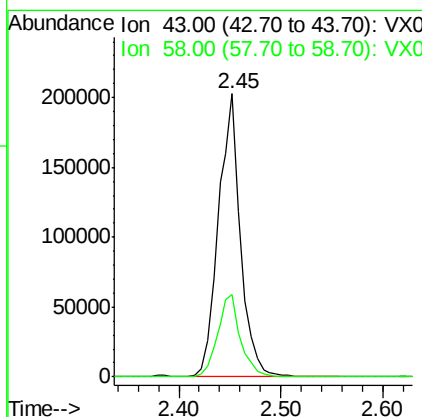
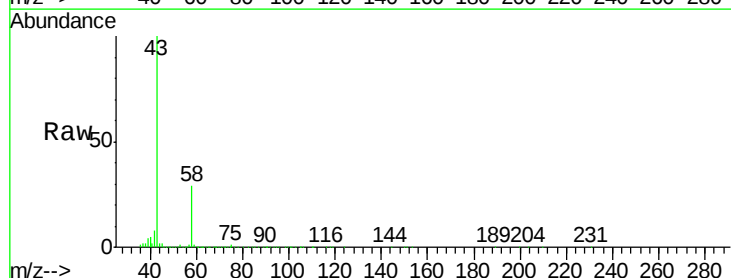
RT: 2.45 min Scan# 213

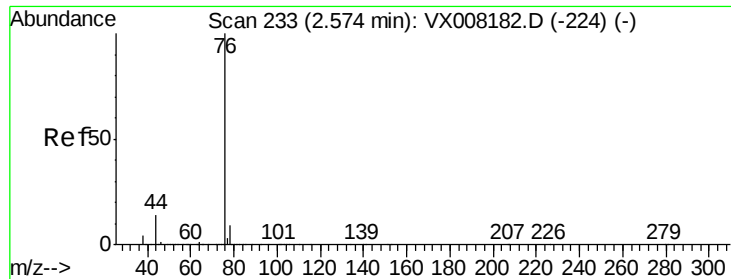
Delta R.T. 0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 303811 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 29.0  | 25.5  | 38.3   |





#17

Carbon Disulfide

Concen: 33.06 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 283420

Ion Ratio Lower Upper

76 100

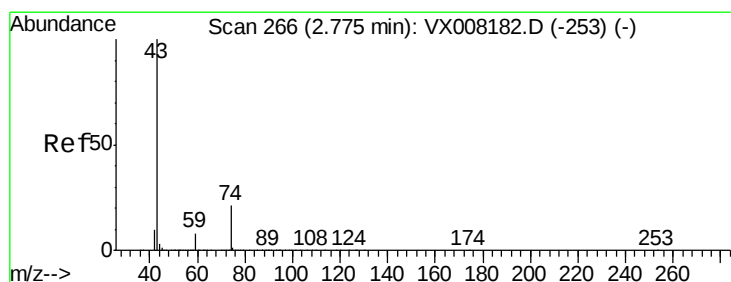
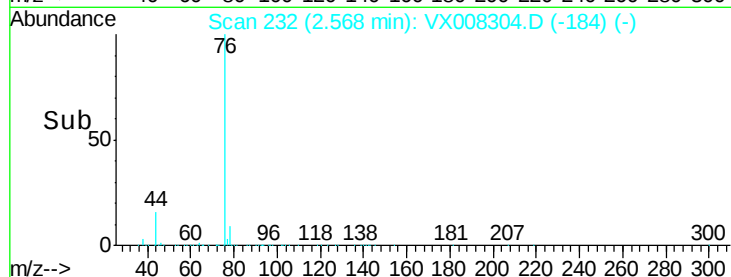
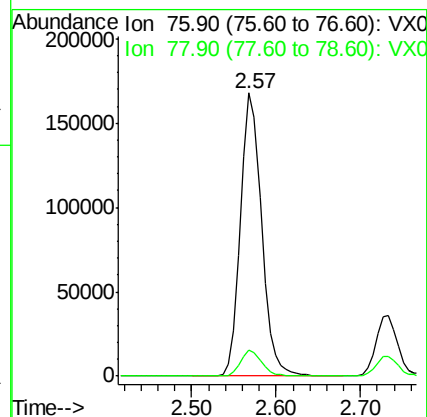
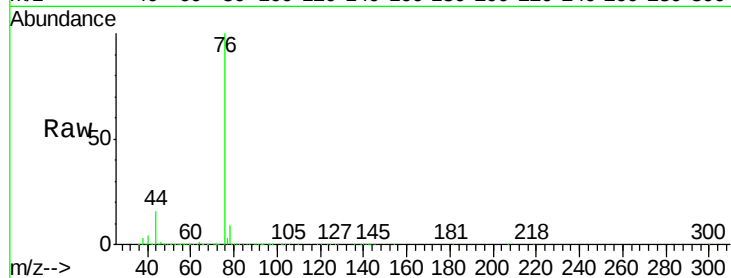
78 9.3 7.2 10.8

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#18

Methyl Acetate

Concen: 40.22 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008304.D

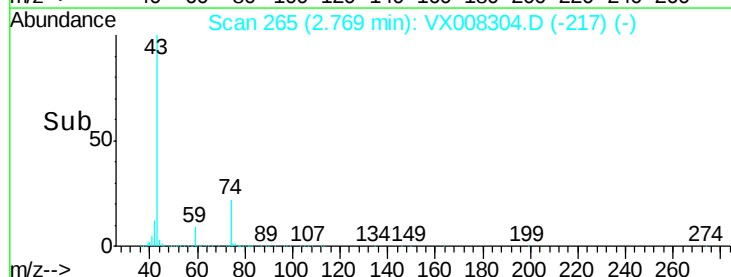
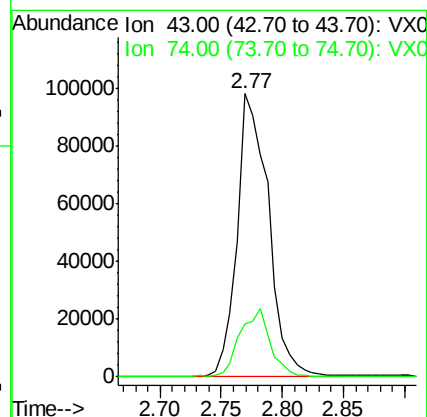
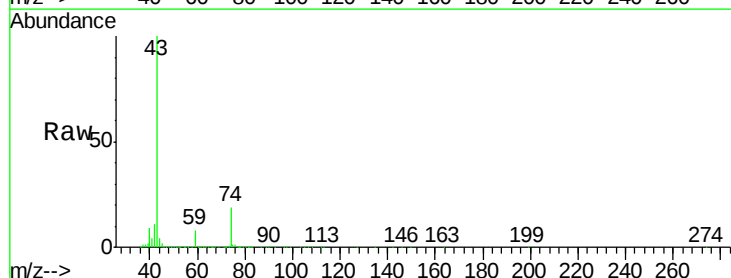
Acq: 21 Mar 2019 20:47

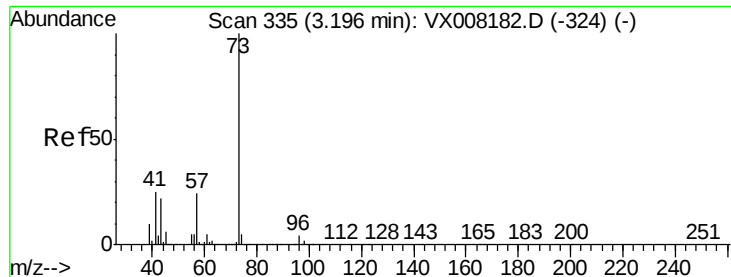
Tgt Ion: 43 Resp: 173404

Ion Ratio Lower Upper

43 100

74 23.8 17.8 26.6





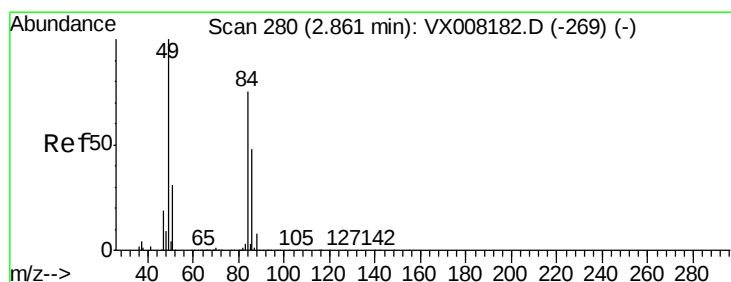
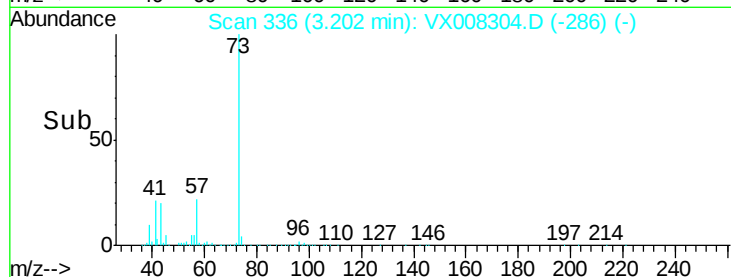
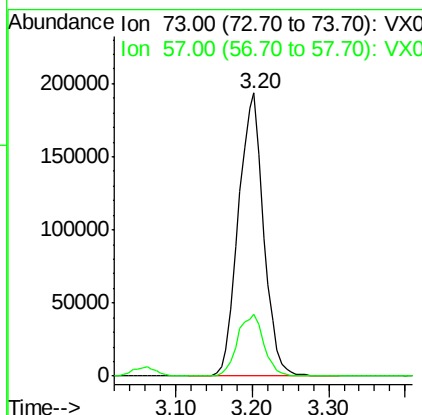
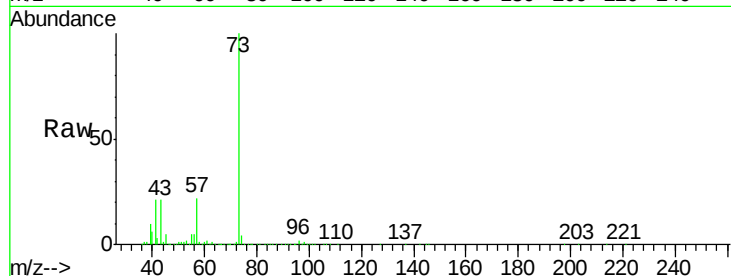
#19  
Methvl tert-butvl Ether  
Concen: 46.18 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. 0.01 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 441675  
Ion Ratio Lower Upper  
73 100  
57 21.6 18.2 27.4

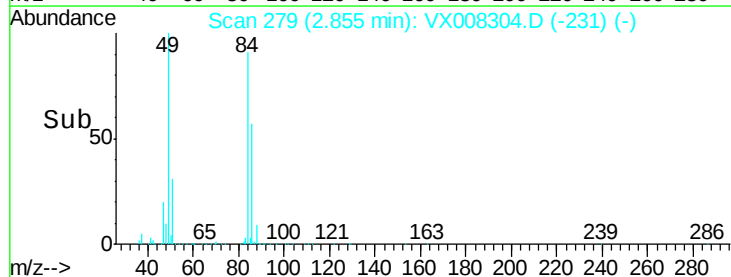
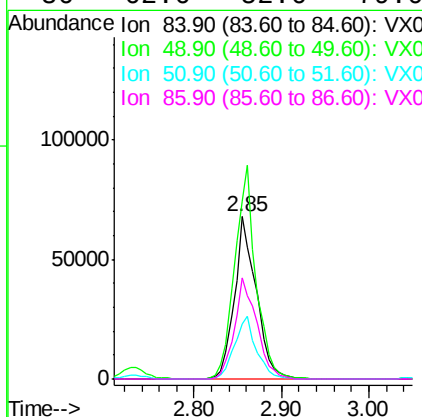
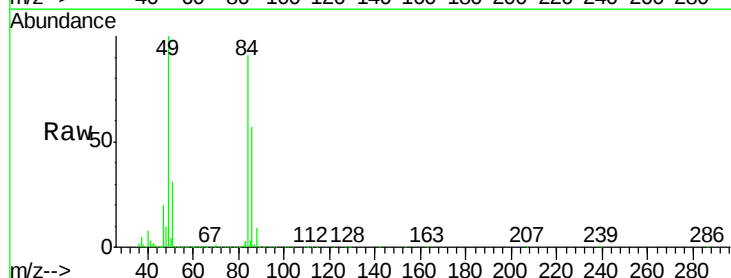
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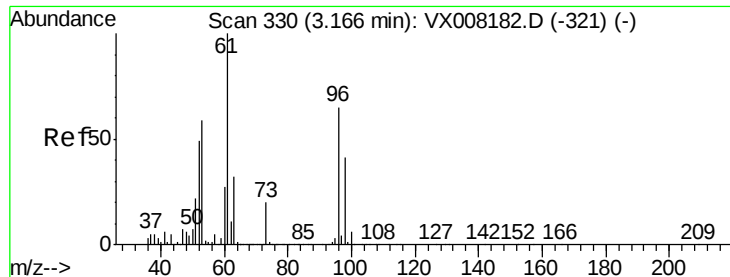
MMDadoda  
3/22/2019 5:18:19 PM



#20  
Methylene Chloride  
Concen: 38.12 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.01 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Tgt Ion: 84 Resp: 118377  
Ion Ratio Lower Upper  
84 100  
49 109.8 99.3 148.9  
51 34.1 31.3 46.9  
86 62.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 45.76 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

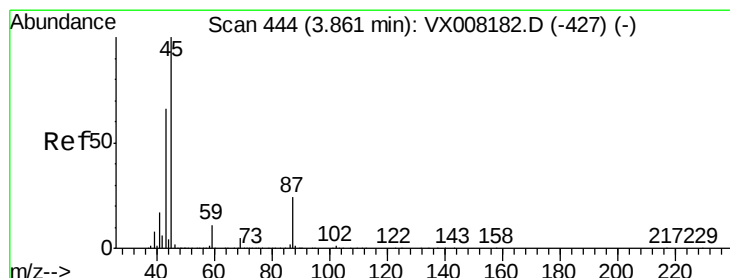
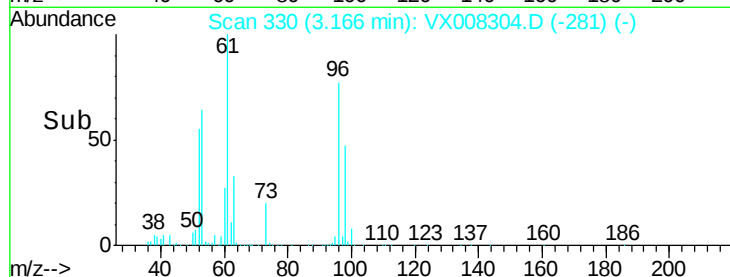
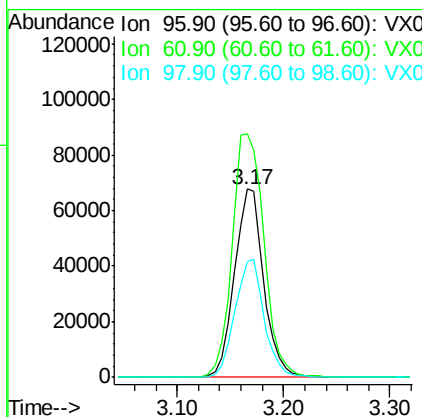
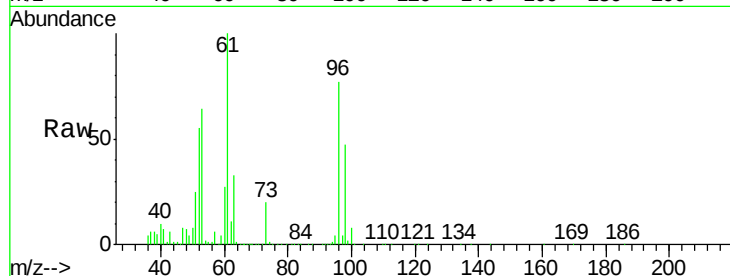
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 130756 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 129.2 | 114.4 | 171.6  |
| 98       | 61.2  | 51.1  | 76.7   |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 52.18 ug/l

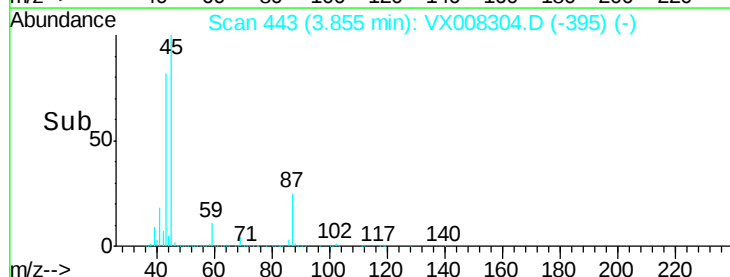
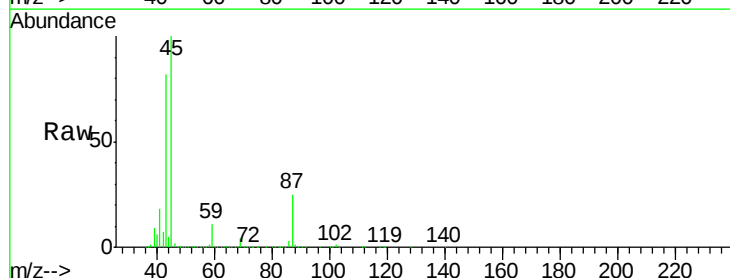
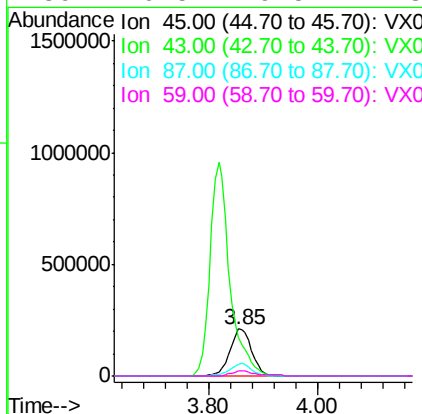
RT: 3.85 min Scan# 443

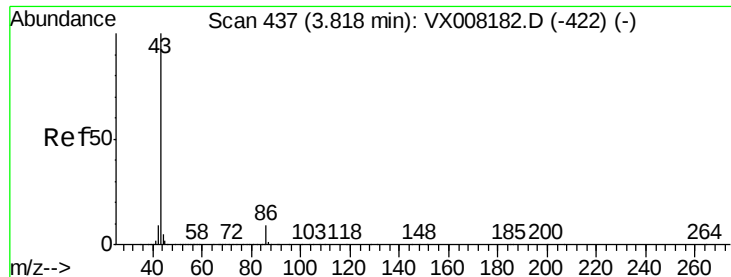
Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 588426 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 81.7  | 45.3  | 67.9#  |
| 87       | 24.9  | 21.4  | 32.0   |
| 59       | 10.5  | 9.5   | 14.3   |





#23

Vinyl Acetate

Concen: 250.17 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2418773

Ion Ratio Lower Upper

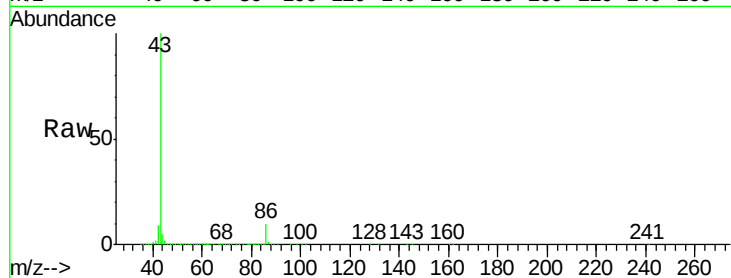
43 100

86 9.6 7.9 11.9

Manual Integrations  
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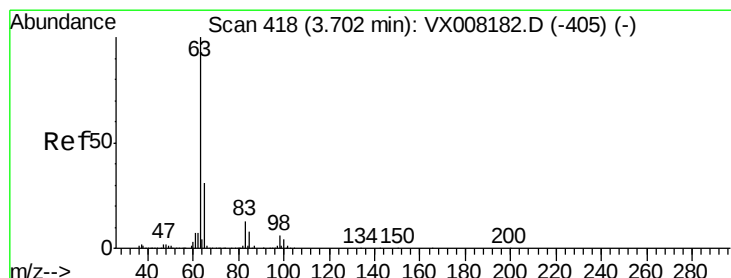
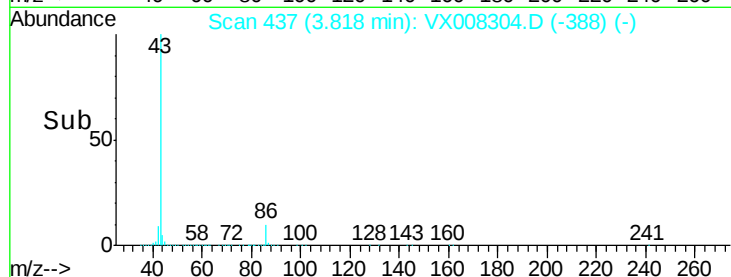
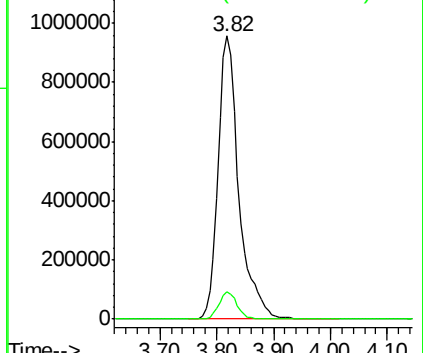
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 41.66 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

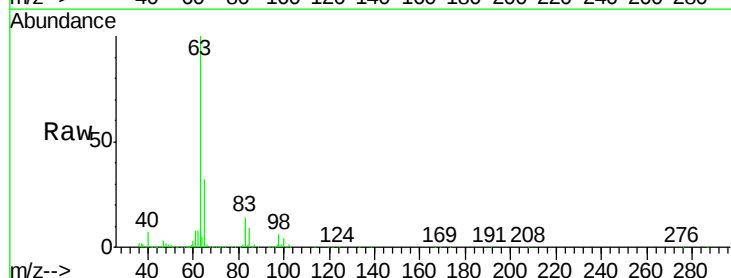
Tgt Ion: 63 Resp: 241665

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

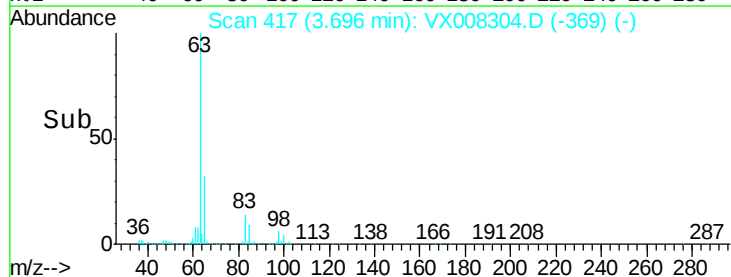
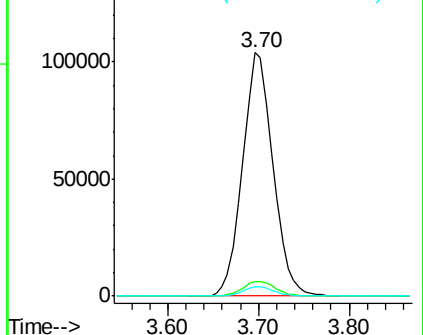
100 3.8 2.3 6.8

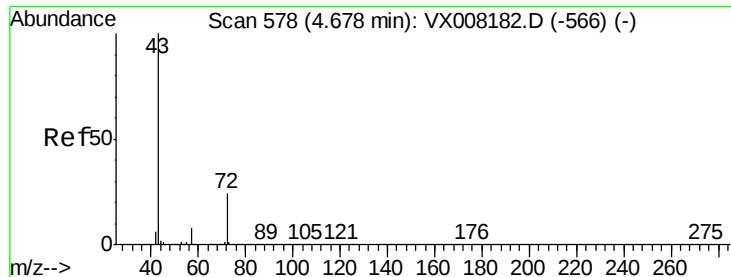


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 225.96 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 621118

Ion Ratio Lower Upper

43 100

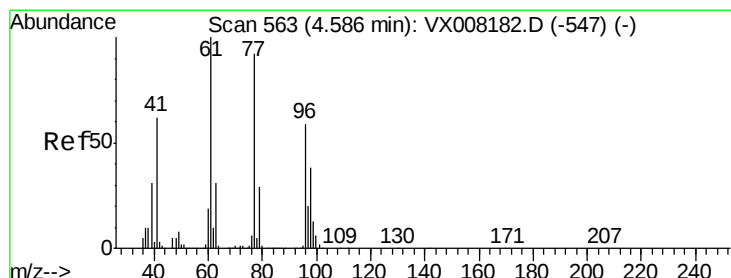
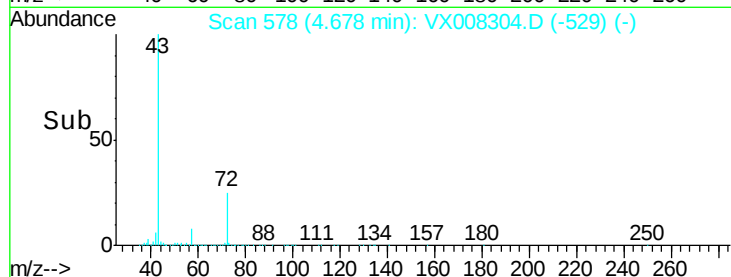
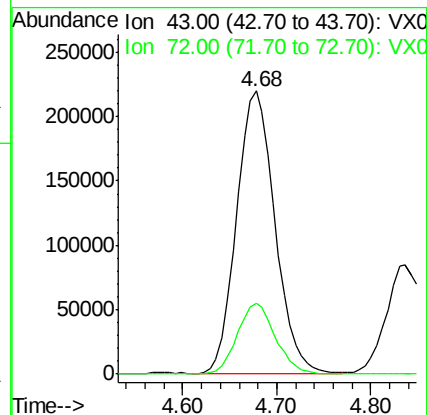
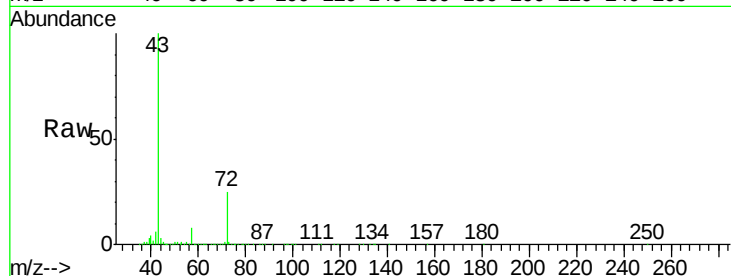
72 24.8 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 41.34 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008304.D

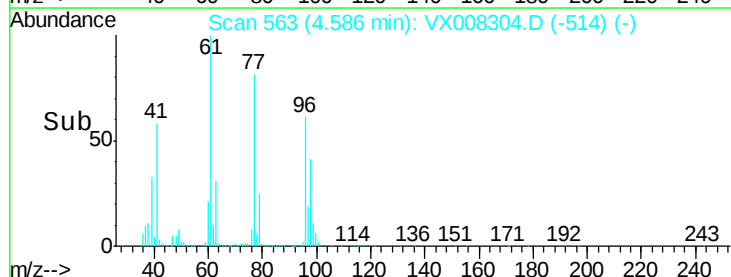
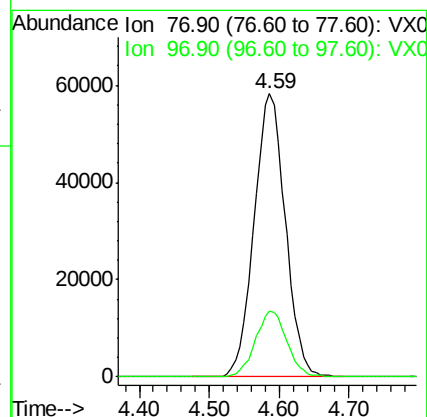
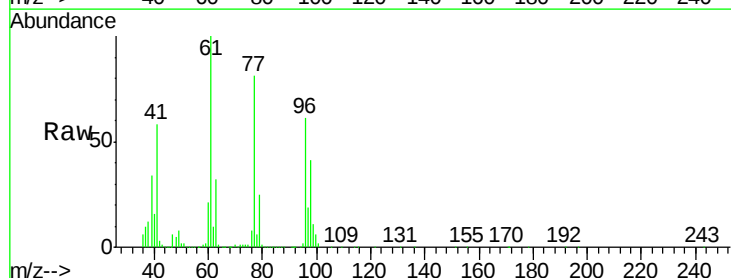
Acq: 21 Mar 2019 20:47

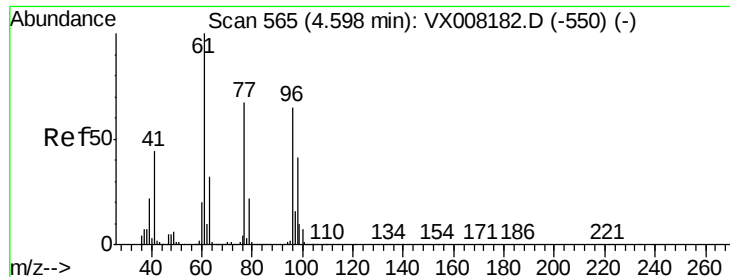
Tgt Ion: 77 Resp: 180653

Ion Ratio Lower Upper

77 100

97 23.6 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 48.22 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

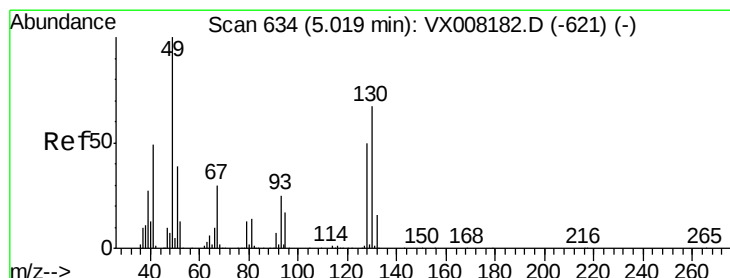
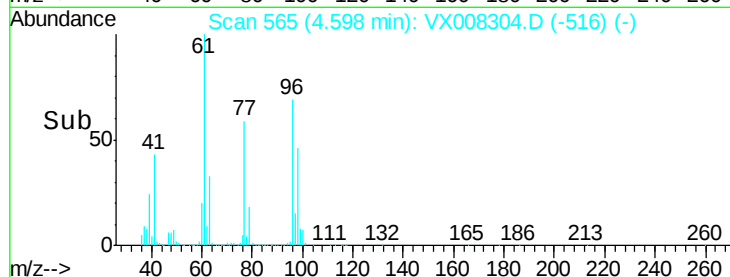
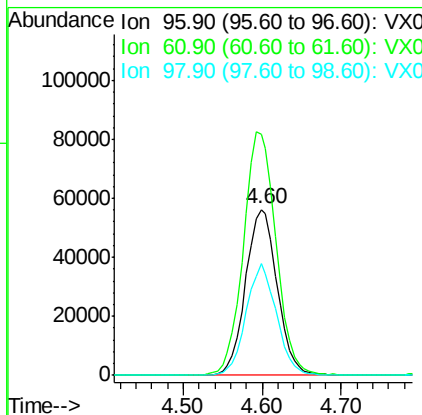
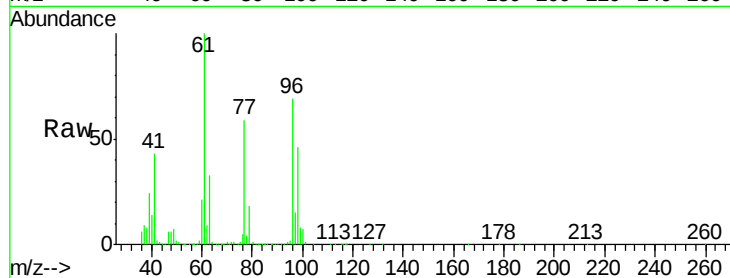
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 157084 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 151.2 | 0.0   | 288.0  |
| 98       | 64.6  | 0.0   | 129.0  |

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#28

Bromochloromethane

Concen: 42.47 ug/l

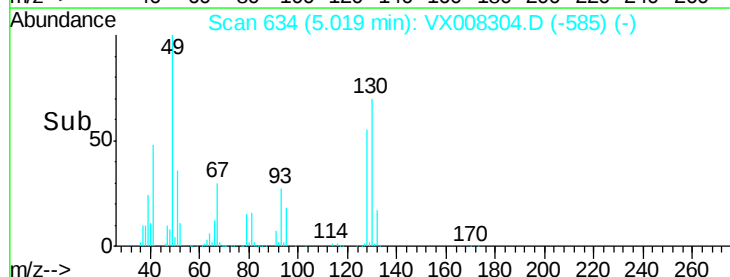
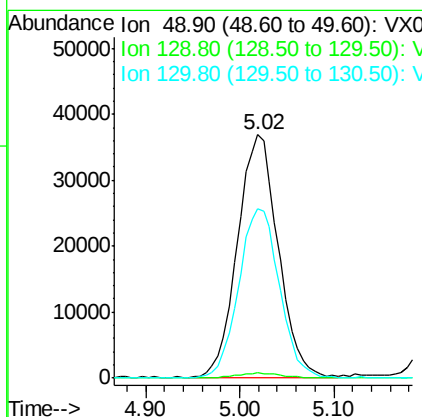
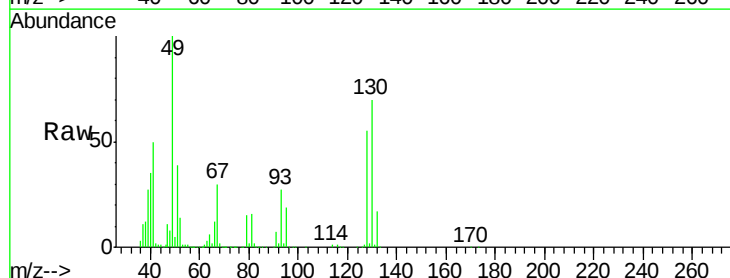
RT: 5.02 min Scan# 634

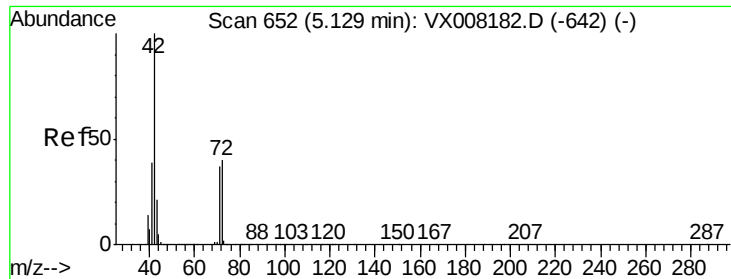
Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 110604 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 2.3   | 0.0   | 4.0    |
| 130      | 70.6  | 65.0  | 97.4   |





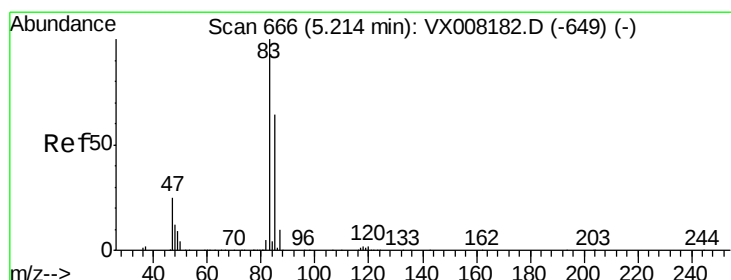
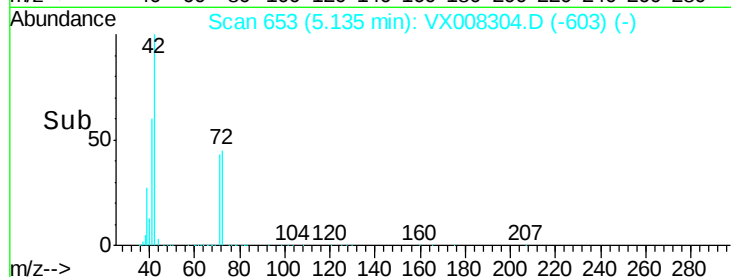
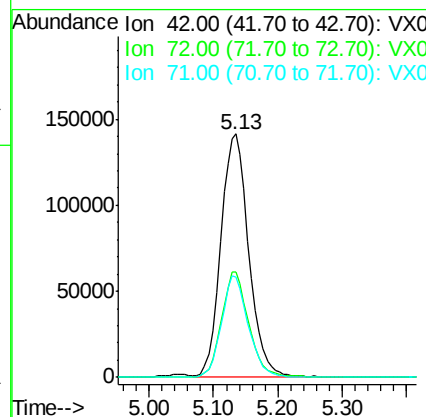
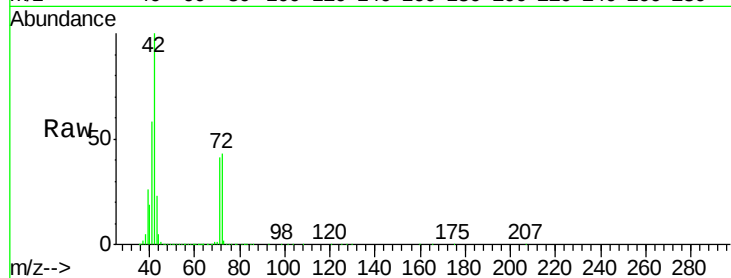
#29  
Tetrahydrofuran  
Concen: 249.87 ug/l  
RT: 5.13 min Scan# 653  
Delta R.T. 0.01 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.5  | 33.8  | 50.6  |
| 71      | 39.9  | 31.5  | 47.3  |

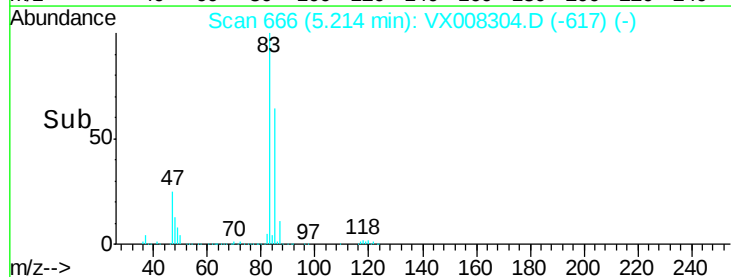
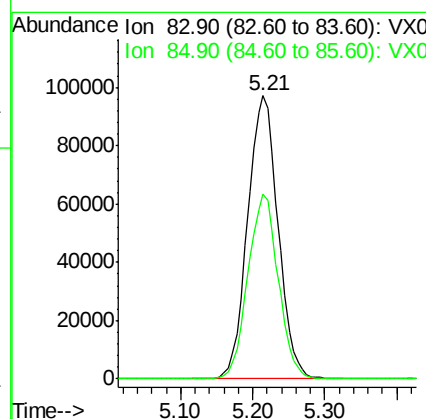
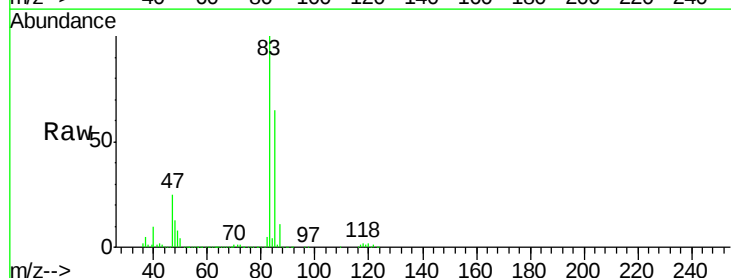
Manual Integrations  
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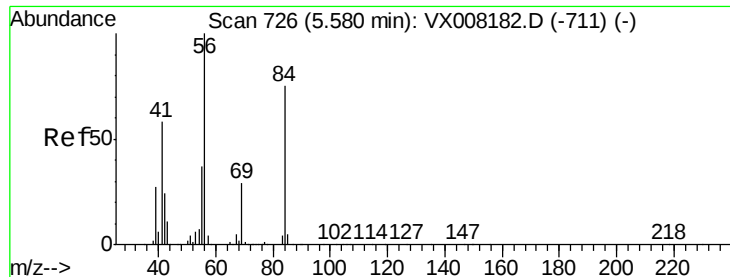
MMDadoda  
3/22/2019 5:18:19 PM



#30  
Chloroform  
Concen: 52.49 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.1  | 51.8  | 77.6  |





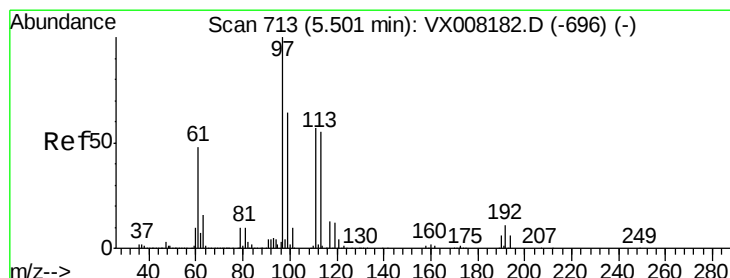
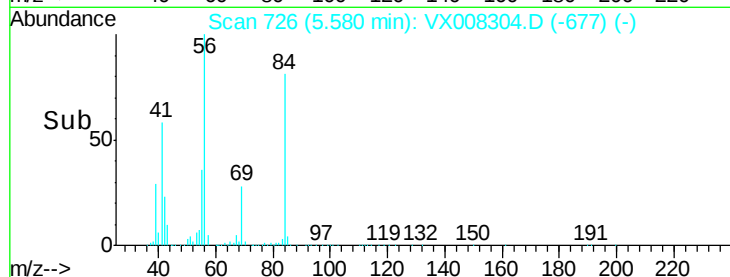
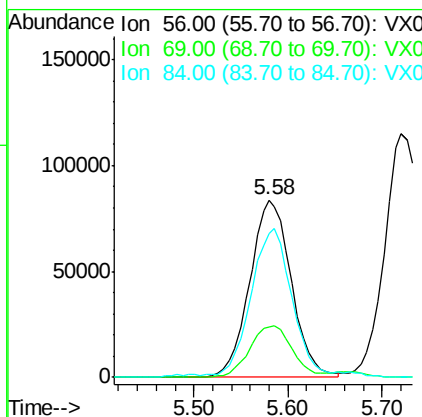
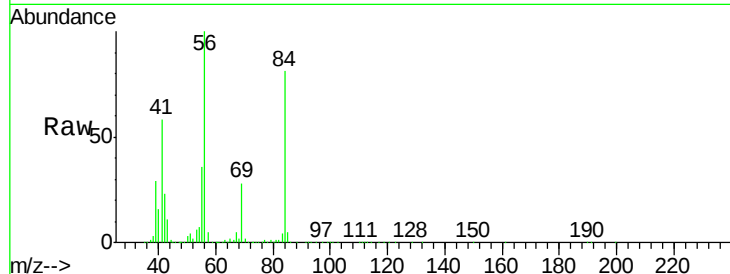
#31  
Cyclohexane  
Concen: 47.09 ug/l  
RT: 5.58 min Scan# 726  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 28.3  | 24.0  | 36.0  |
| 84      | 79.1  | 65.3  | 97.9  |

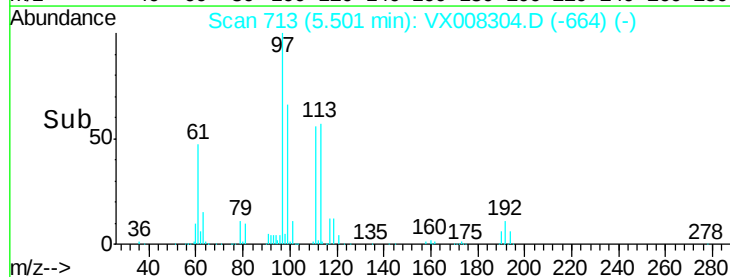
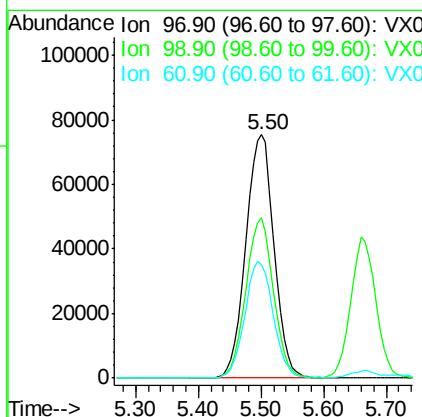
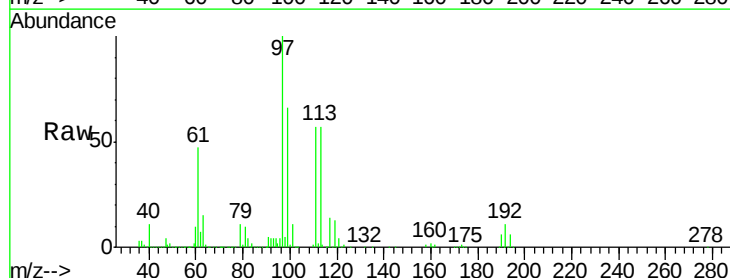
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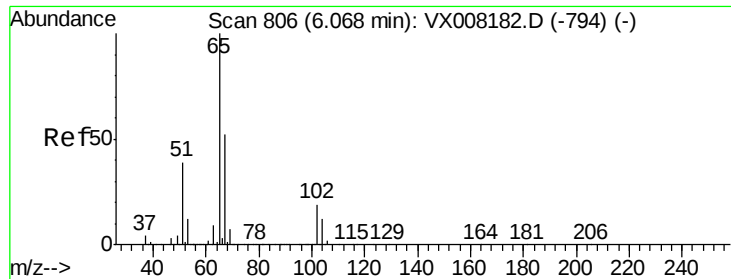
MMDadoda  
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#32  
1,1,1-Trichloroethane  
Concen: 51.76 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.6  | 52.2  | 78.2  |
| 61      | 48.6  | 34.9  | 52.3  |





#33

1,2-Dichloroethane-d4

Concen: 44.84 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Tot Ion: 65 Resp: 147237

Ion Ratio Lower Upper

65 100

67 52.6 0.0 110.0

Instrument :

MSVOA\_X

ClientSampleId :

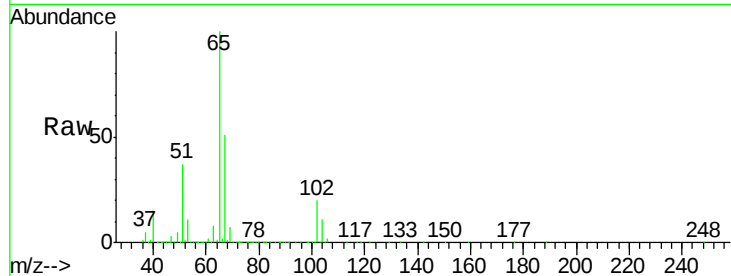
VSTDCCC050EC

Manual Integrations

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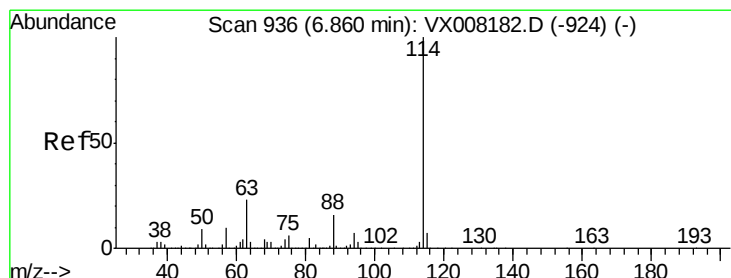
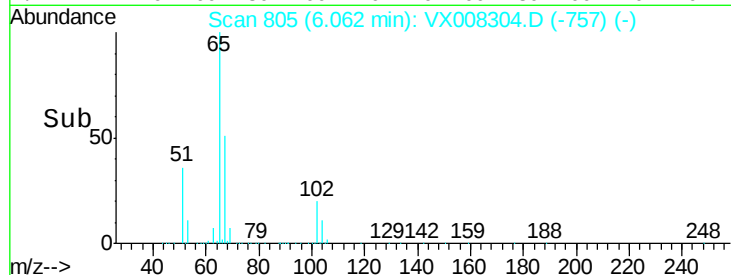
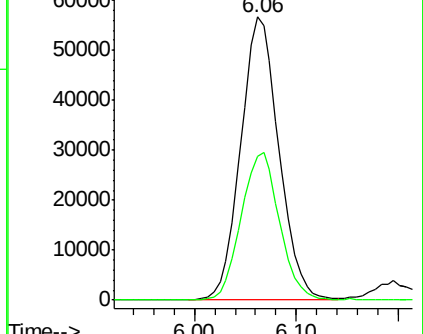
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

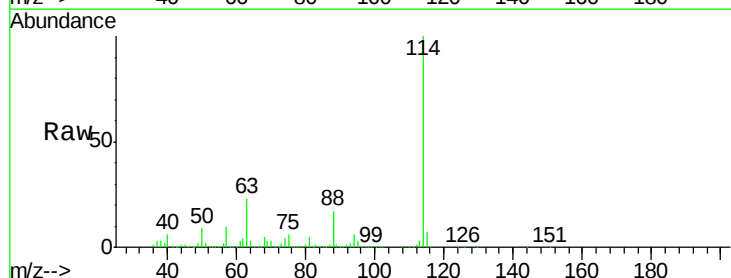
Tgt Ion: 114 Resp: 354109

Ion Ratio Lower Upper

114 100

63 22.6 0.0 39.8

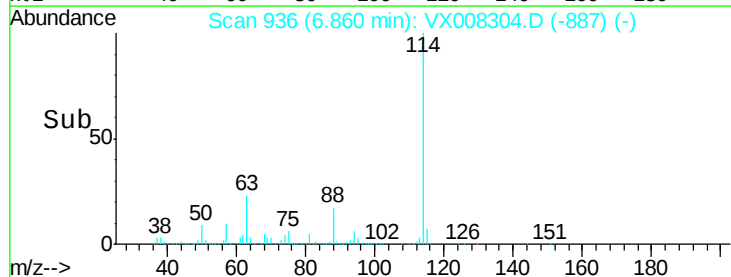
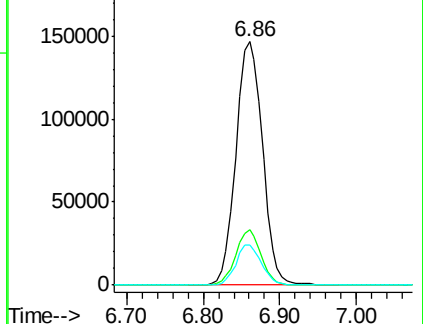
88 16.5 0.0 31.4

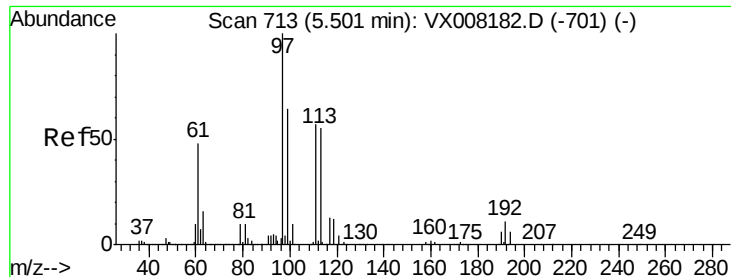


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.88 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008304.D

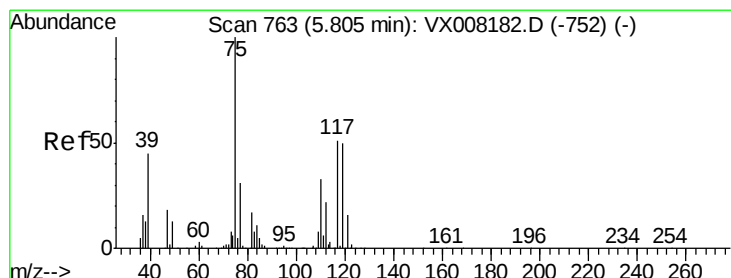
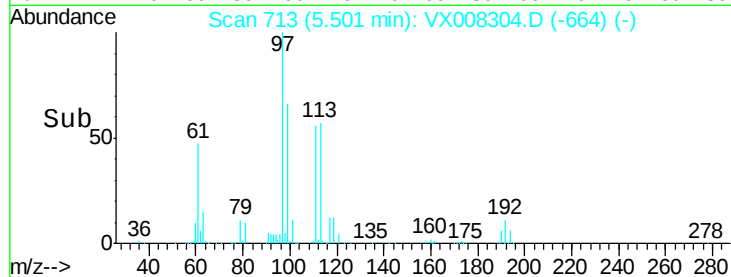
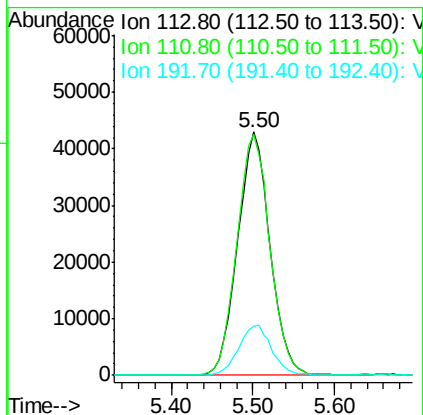
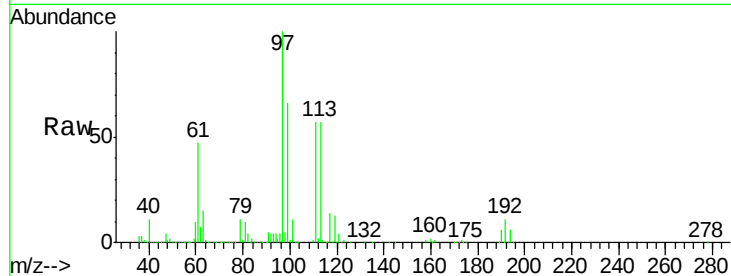
Acq: 21 Mar 2019 20:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 118245 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.6 | 81.4  | 122.0  |
| 192       | 21.0  | 19.4  | 29.0   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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#36

1,1-Dichloropropene

Concen: 49.93 ug/l

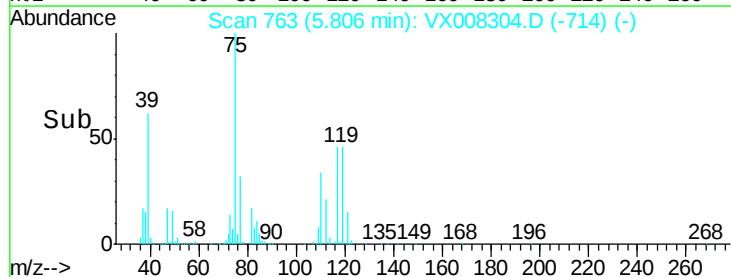
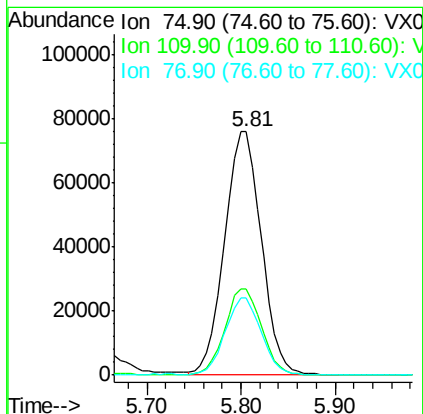
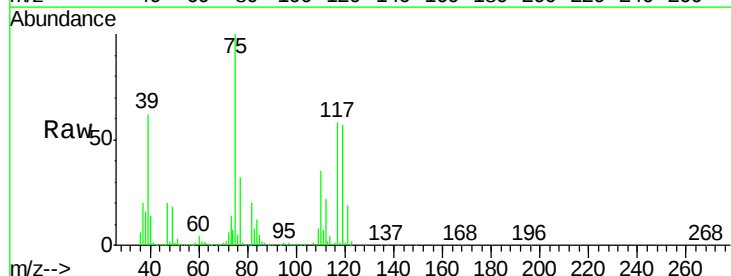
RT: 5.81 min Scan# 763

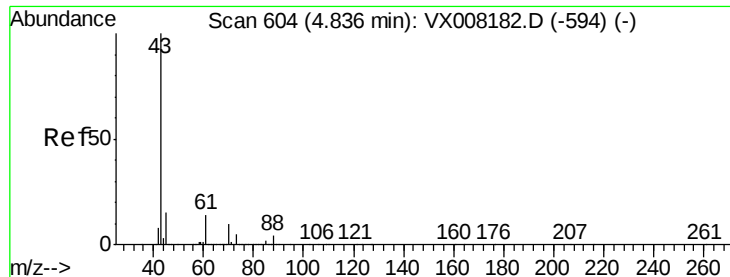
Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 205847 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 35.7  | 18.4  | 55.0   |
| 77        | 31.2  | 25.0  | 37.4   |





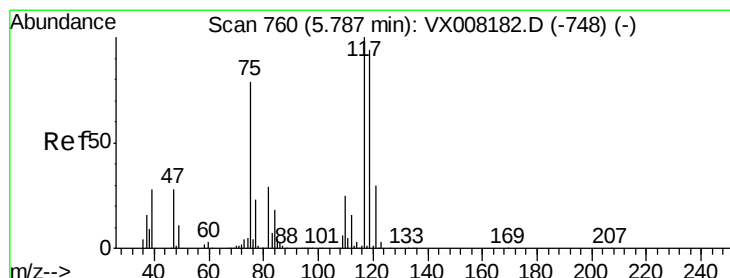
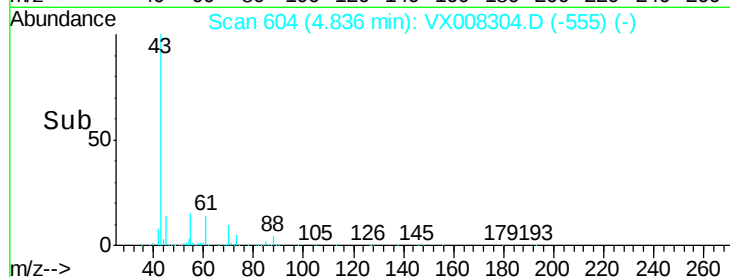
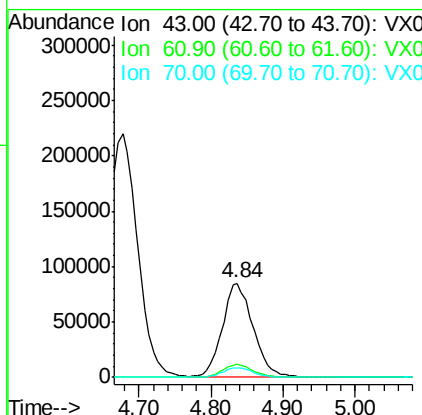
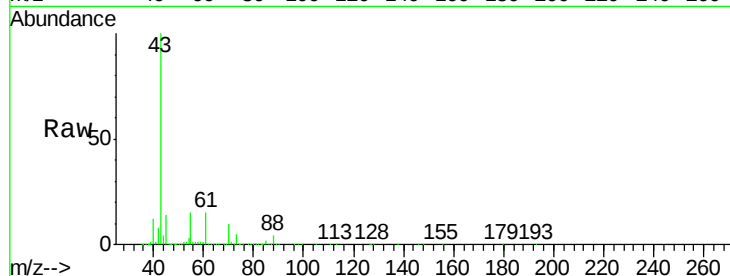
#37  
Ethyl Acetate  
Concen: 51.32 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 250100 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 14.1  | 11.3  | 16.9   |
| 70       | 10.4  | 8.5   | 12.7   |

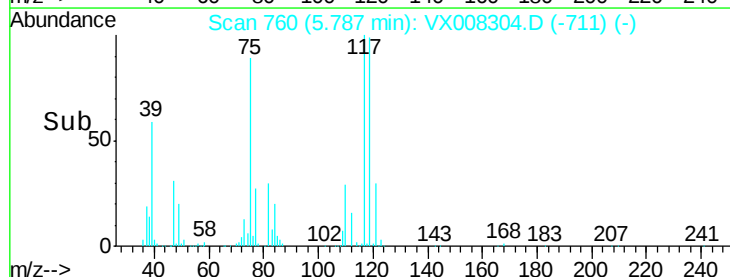
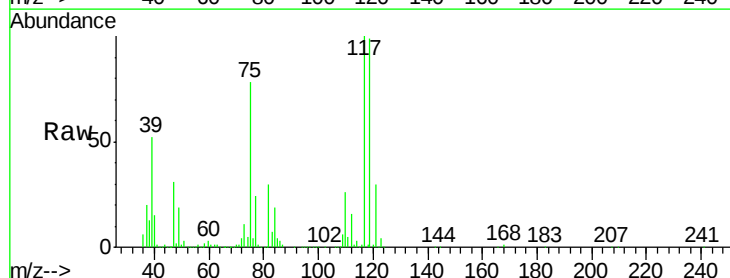
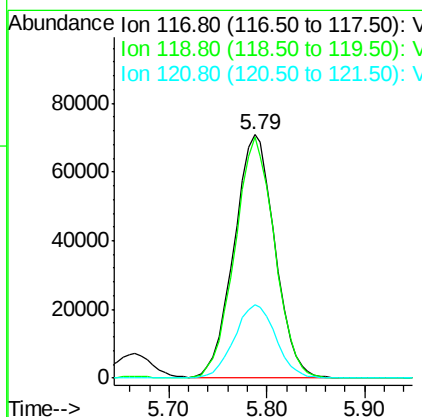
Manual Integrations  
APPROVED

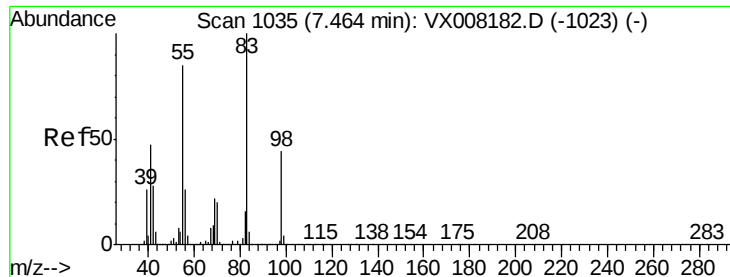
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 55.60 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 204229 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 98.7  | 76.2  | 114.2  |
| 121      | 30.1  | 24.6  | 36.8   |





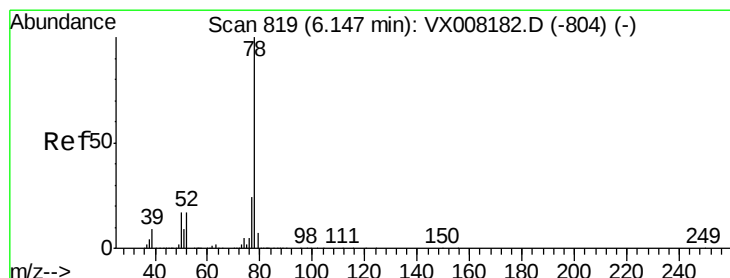
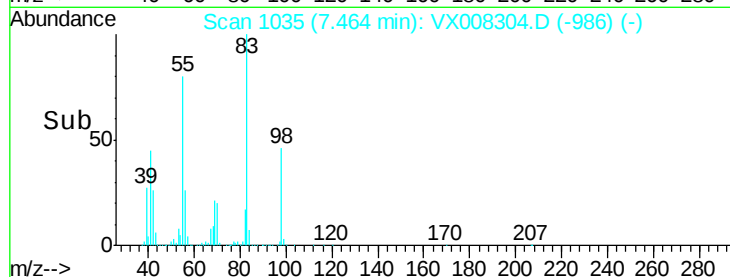
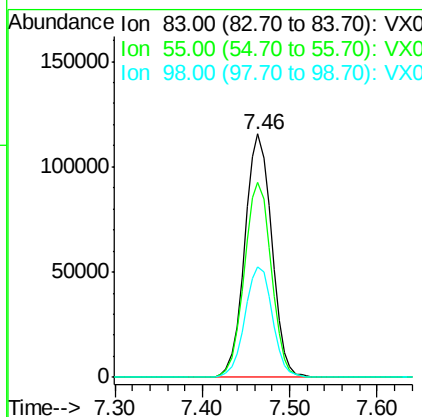
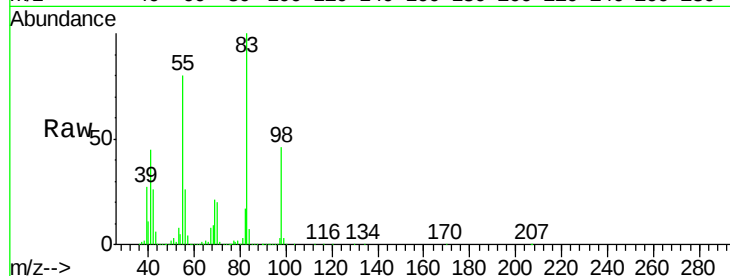
#39  
Methylvlcvclohexane  
Concen: 49.82 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 247177 |       |       |
| 55      | 80.1  | 60.4   | 90.6  |       |
| 98      | 45.6  | 36.5   | 54.7  |       |

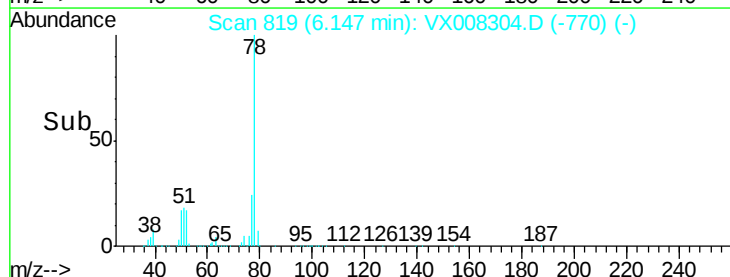
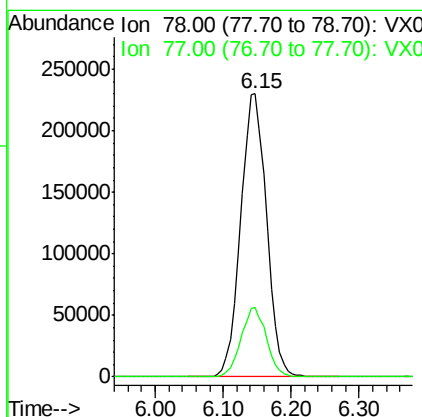
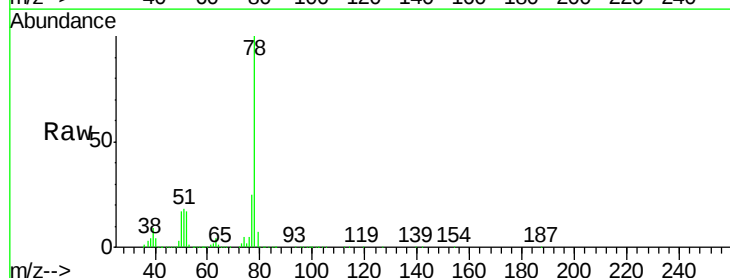
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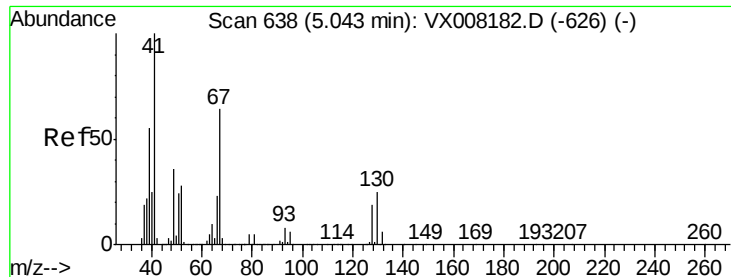
MMDadoda  
3/22/2019 5:18:19 PM



#40  
Benzene  
Concen: 49.73 ug/l  
RT: 6.15 min Scan# 819  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 606778 |       |       |
| 77      | 24.6  | 19.0   | 28.4  |       |





#41

Methacrylonitrile

Concen: 50.13 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 137039

Ion Ratio Lower Upper

41 100

39 56.4 41.6 62.4

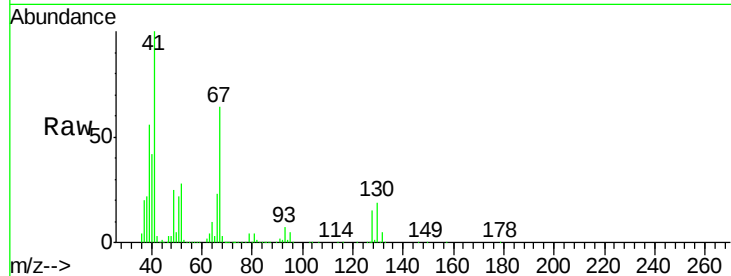
67 70.4 55.8 83.6

52 29.5 21.7 32.5

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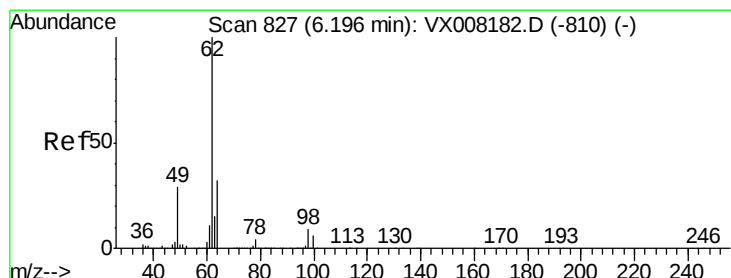
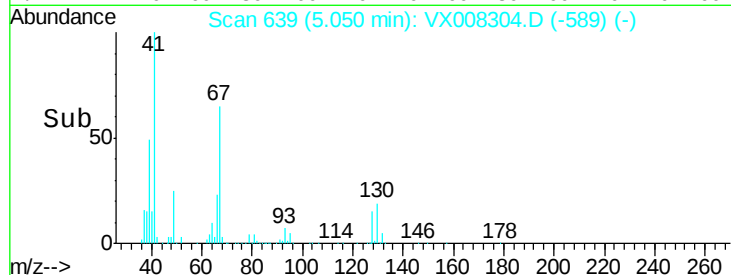
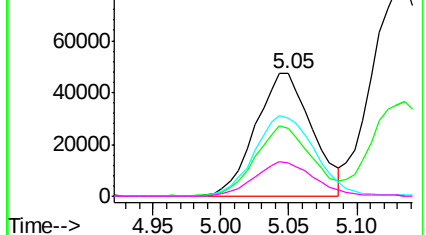


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.13 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008304.D

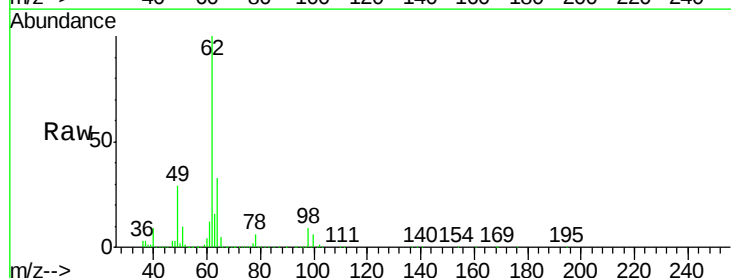
Acq: 21 Mar 2019 20:47

Tgt Ion: 62 Resp: 228568

Ion Ratio Lower Upper

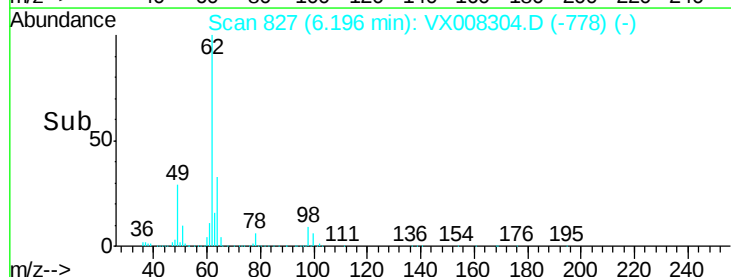
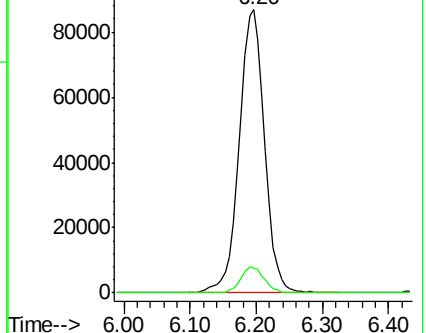
62 100

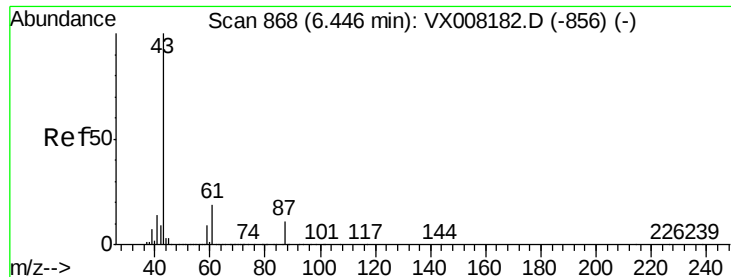
98 8.7 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.41 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

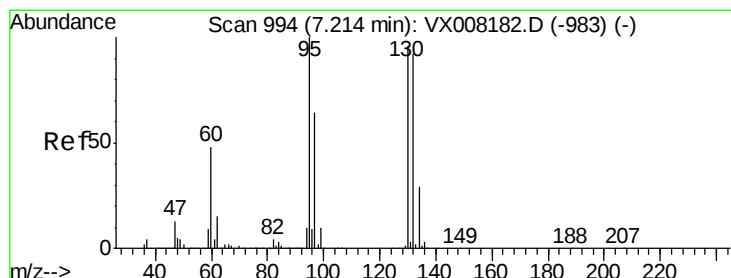
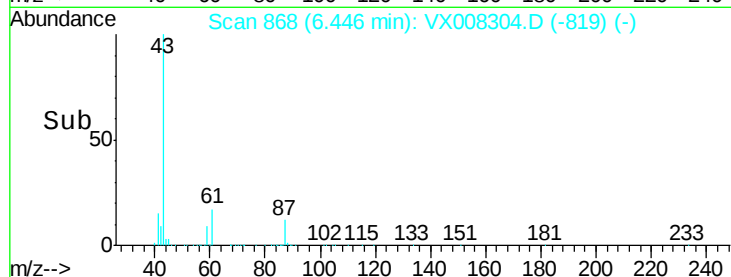
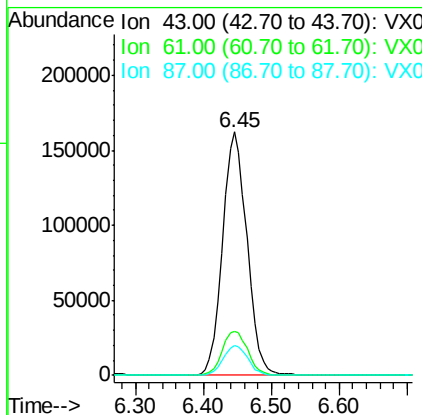
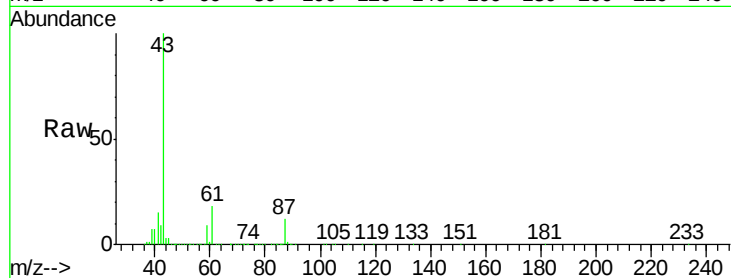
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 401617 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.9  | 16.3  | 24.5   |
| 87       | 12.6  | 10.5  | 15.7   |

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#44

Trichloroethene

Concen: 56.12 ug/l

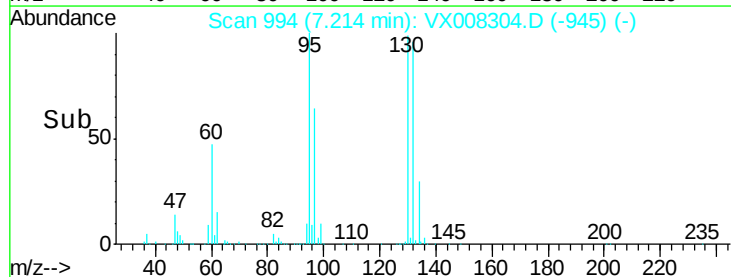
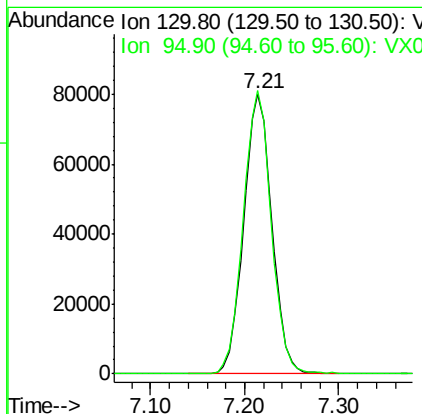
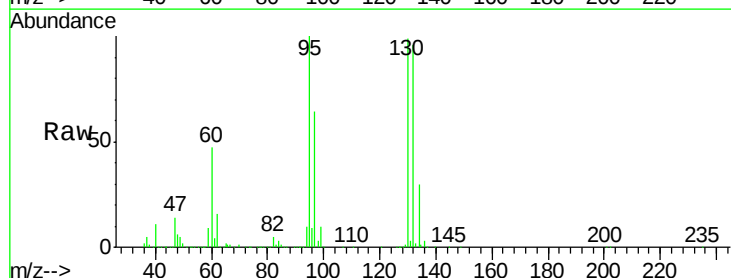
RT: 7.21 min Scan# 994

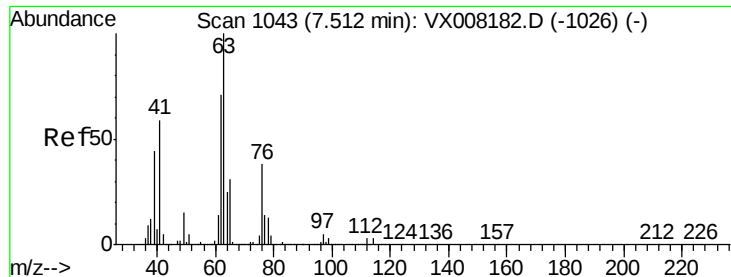
Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 167444 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 101.0 | 0.0   | 188.0  |





#45

1,2-Dichloropropane

Concen: 49.16 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 167945

Ion Ratio Lower Upper

63 100

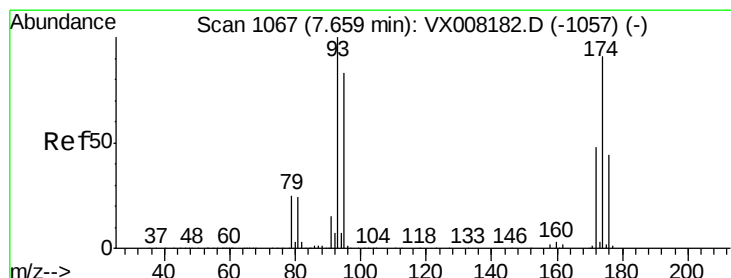
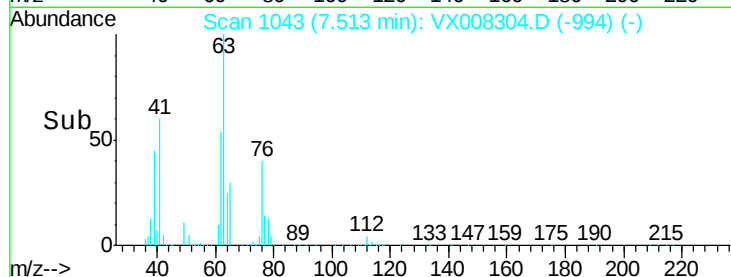
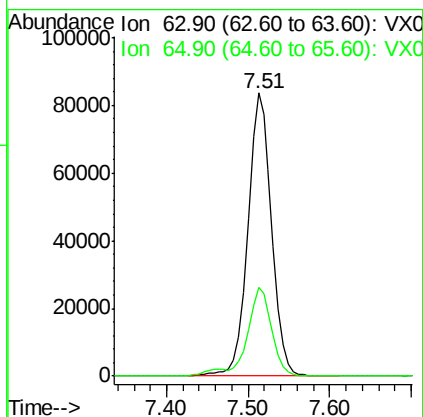
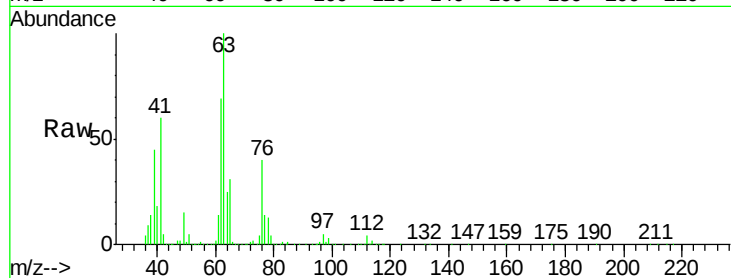
65 31.3 24.7 37.1

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#46

Dibromomethane

Concen: 51.53 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

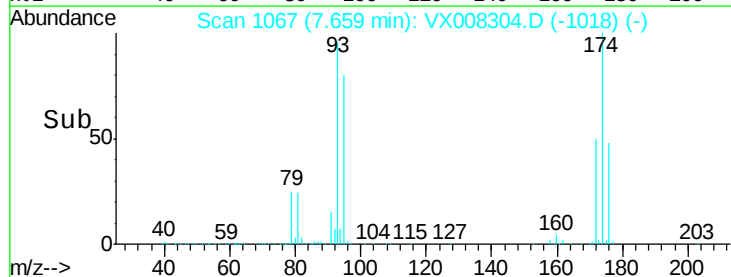
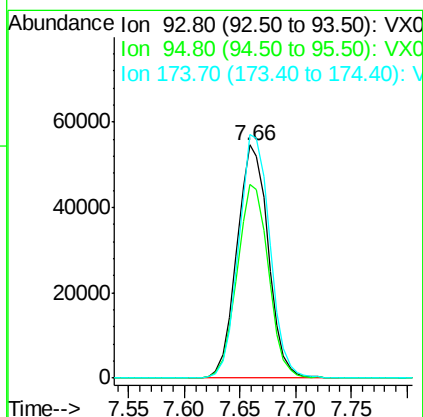
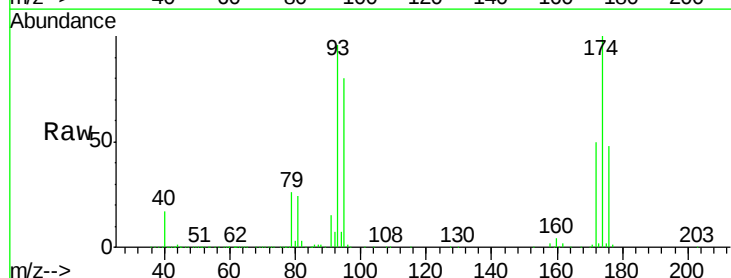
Tgt Ion: 93 Resp: 106583

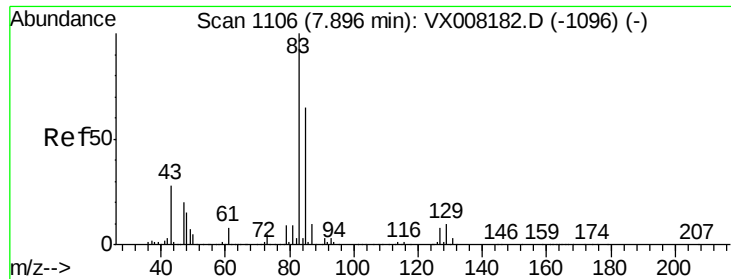
Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 104.2 97.3 145.9





#47

Bromodichloromethane

Concen: 59.07 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

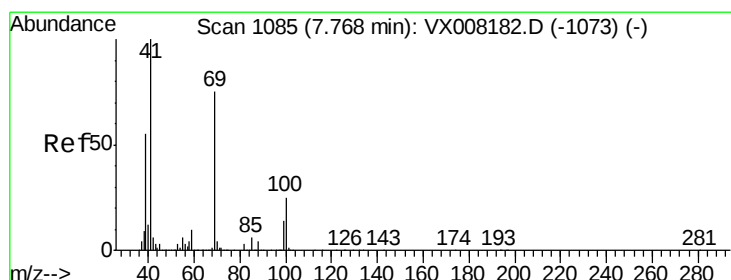
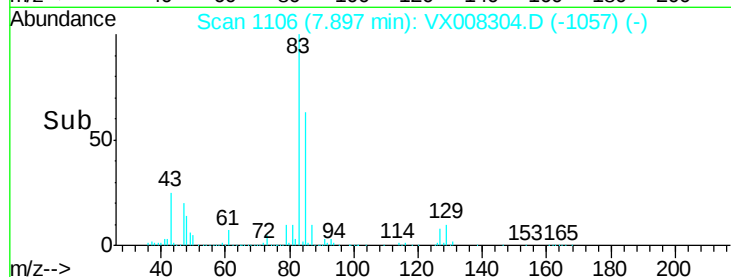
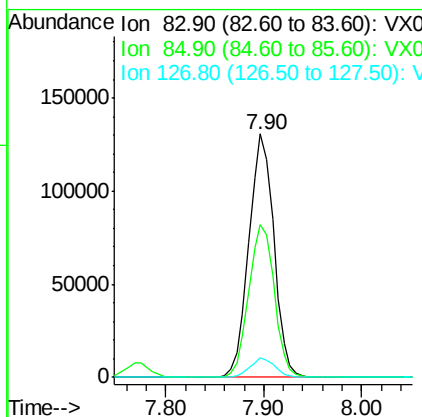
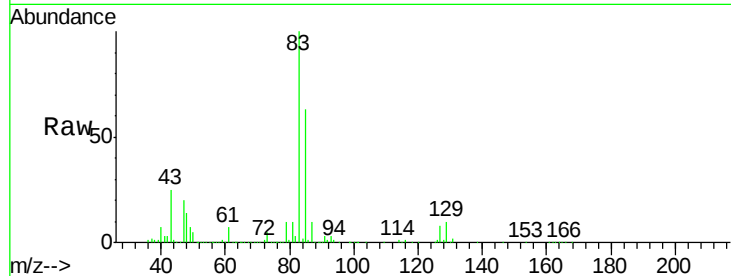
ClientSampled :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 232823 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 62.6  | 50.9  | 76.3   |
| 127       | 8.1   | 7.4   | 11.0   |

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#48

Methyl methacrylate

Concen: 52.67 ug/l

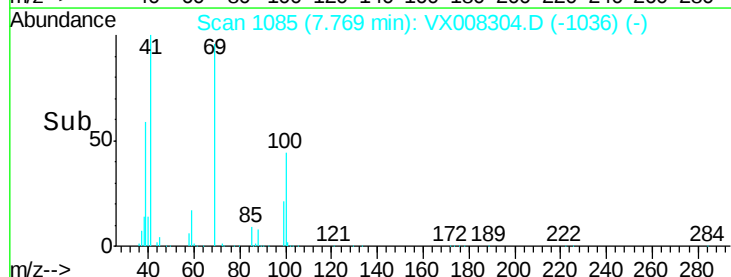
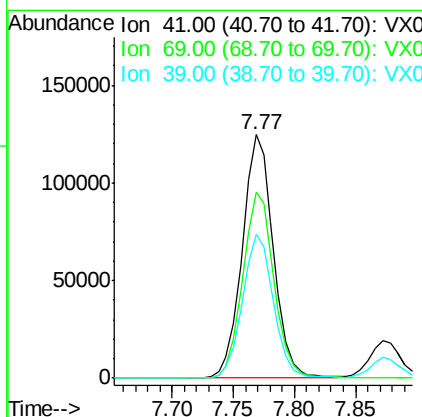
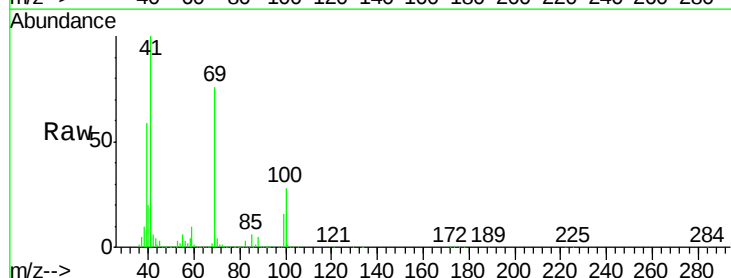
RT: 7.77 min Scan# 1085

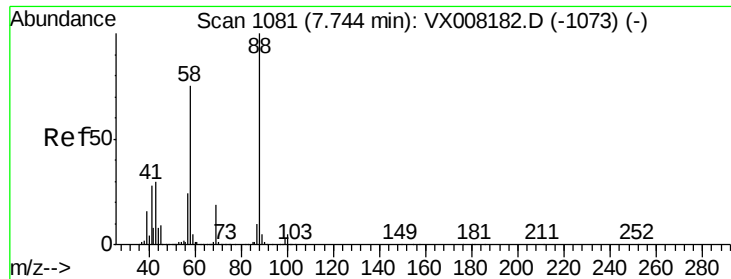
Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 218787 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 77.2  | 65.2  | 97.8   |
| 39        | 58.7  | 39.4  | 59.2   |





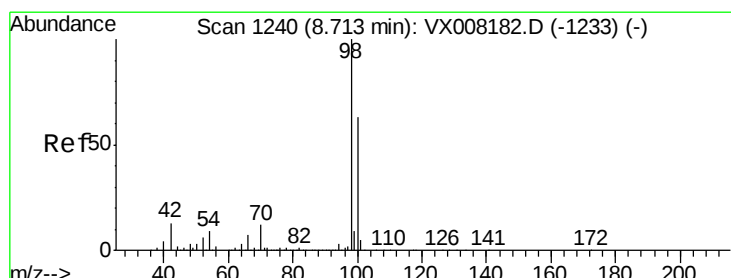
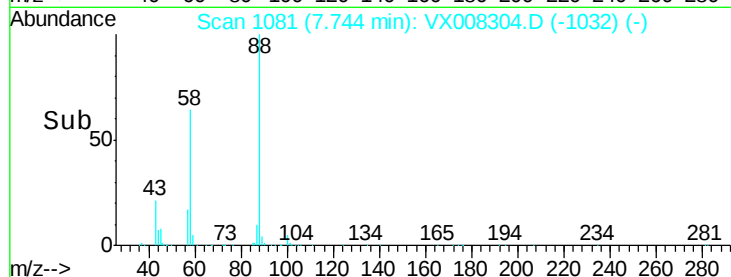
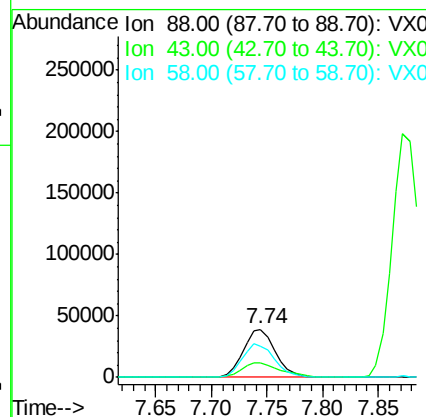
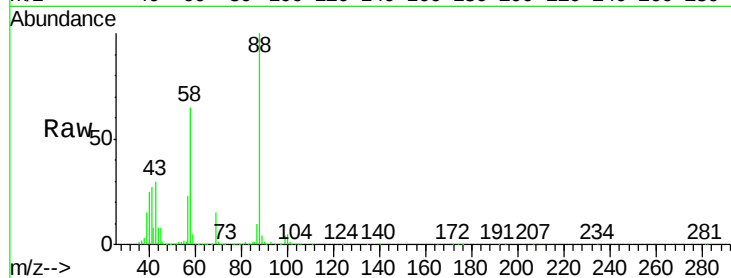
#49  
1,4-Dioxane  
Concen: 1056.01 ug/l  
RT: 7.74 min Scan# 1081  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 35.5  | 25.1  | 37.7  |
| 58      | 70.7  | 57.8  | 86.6  |

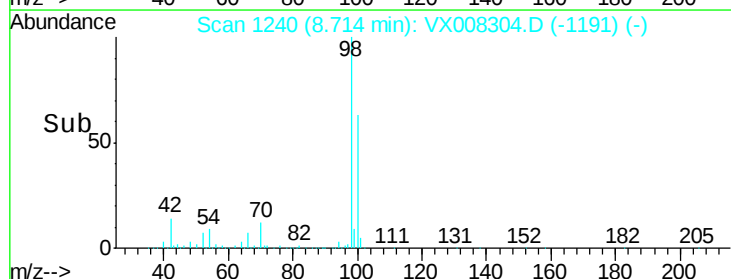
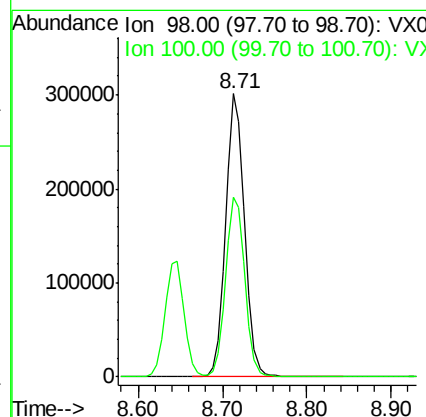
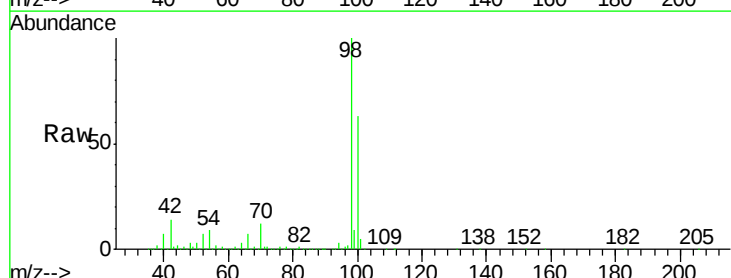
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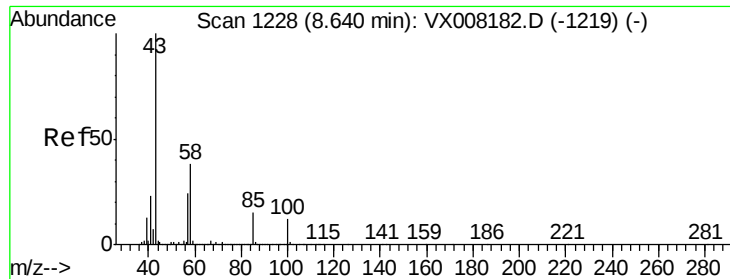
MMDadoda  
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#50  
Toluene-d8  
Concen: 51.79 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.0  | 51.7  | 77.5  |





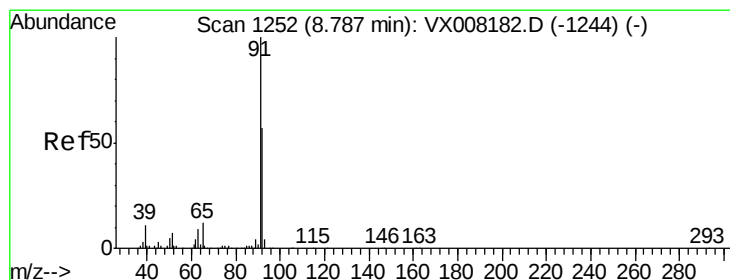
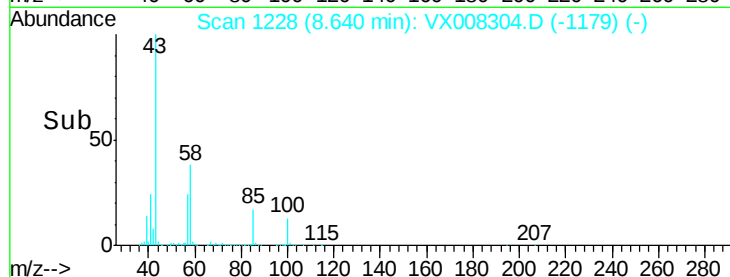
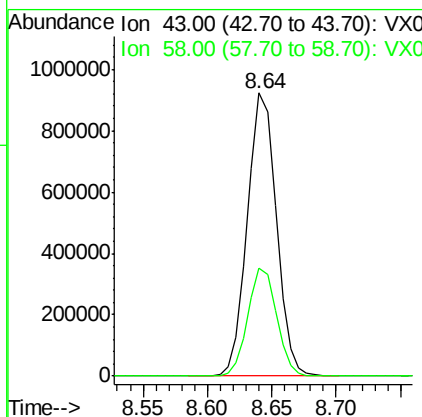
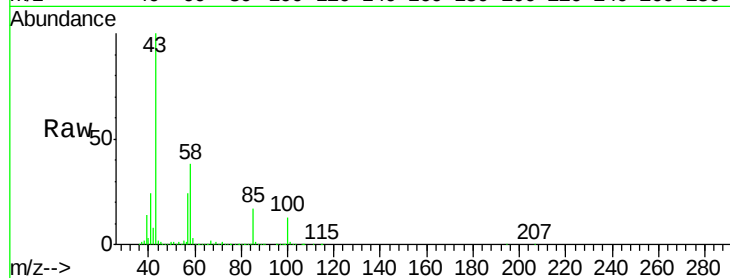
#51  
 4-Methyl-2-Pentanone  
 Concen: 283.83 ug/l  
 RT: 8.64 min Scan# 1228  
 Delta R.T. 0.00 min  
 Lab File: VX008304.D  
 Acq: 21 Mar 2019 20:47

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Tot Ion: 43 Resp: 1433394  
 Ion Ratio Lower Upper  
 43 100  
 58 37.9 31.3 46.9

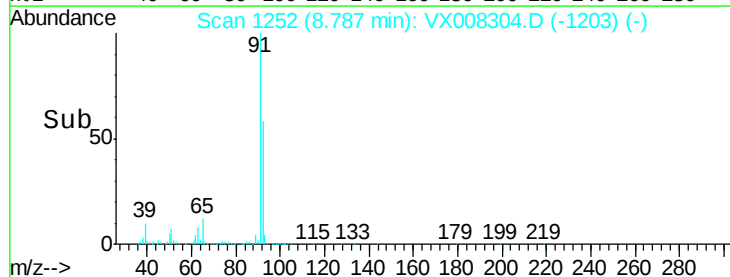
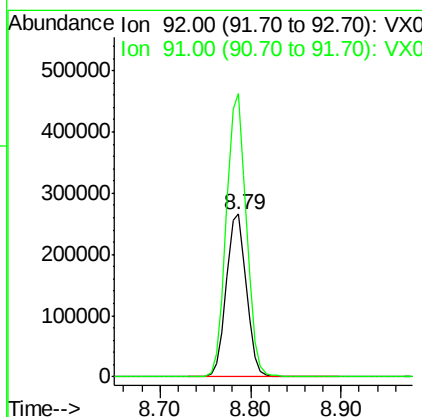
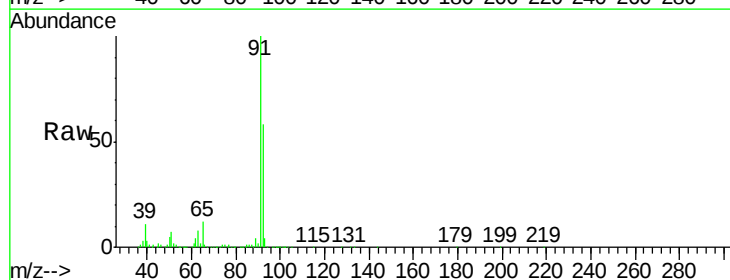
Manual Integrations  
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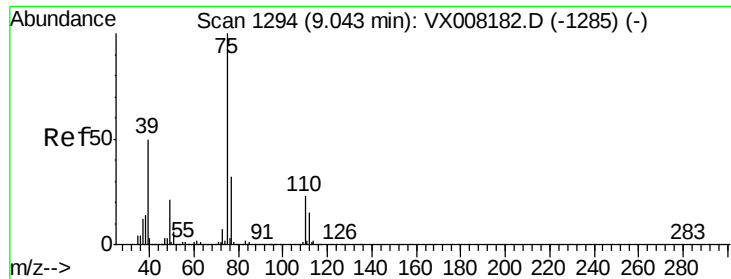
MMDadoda  
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#52  
 Toluene  
 Concen: 56.74 ug/l  
 RT: 8.79 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: VX008304.D  
 Acq: 21 Mar 2019 20:47

Tgt Ion: 92 Resp: 410765  
 Ion Ratio Lower Upper  
 92 100  
 91 173.2 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 51.12 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 252498

Ion Ratio Lower Upper

75 100

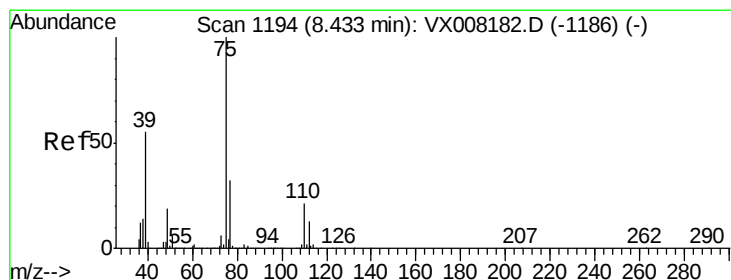
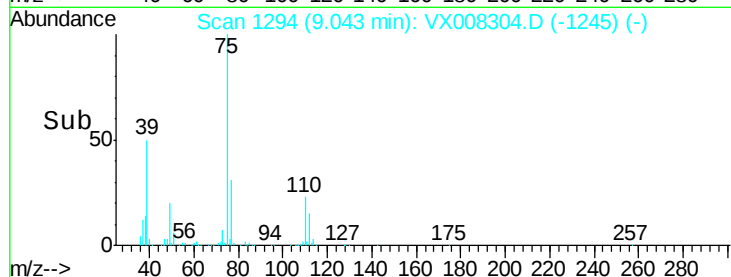
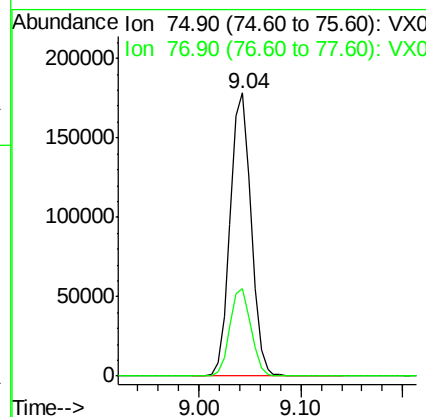
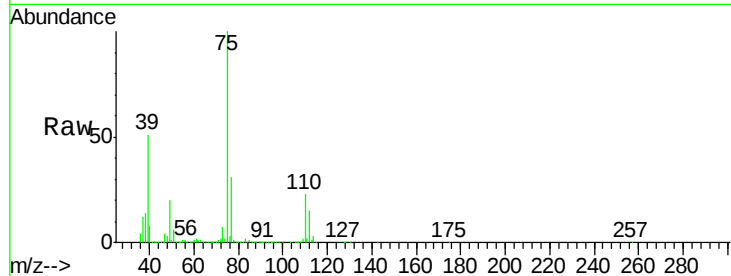
77 31.0 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 55.49 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

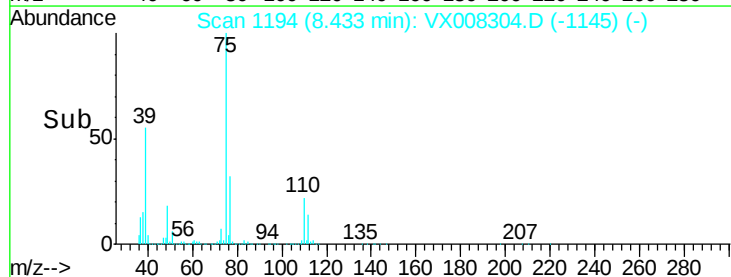
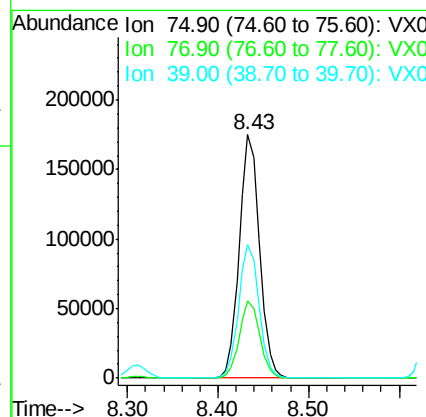
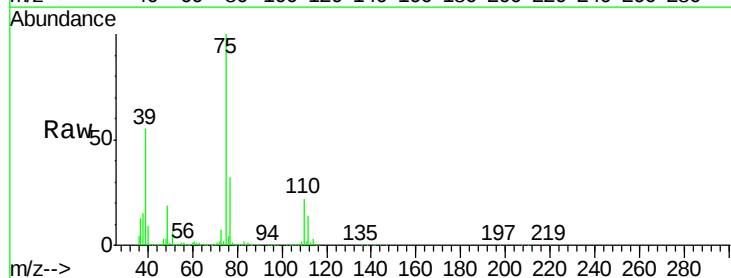
Tgt Ion: 75 Resp: 271454

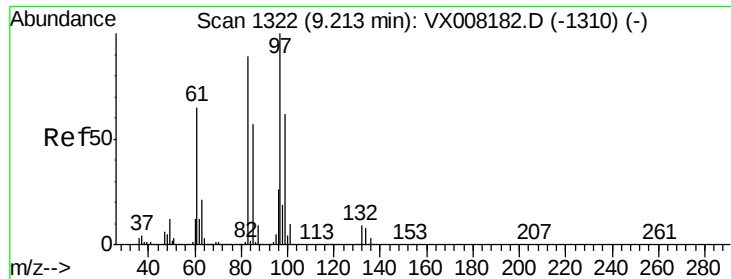
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

39 54.6 36.6 54.8





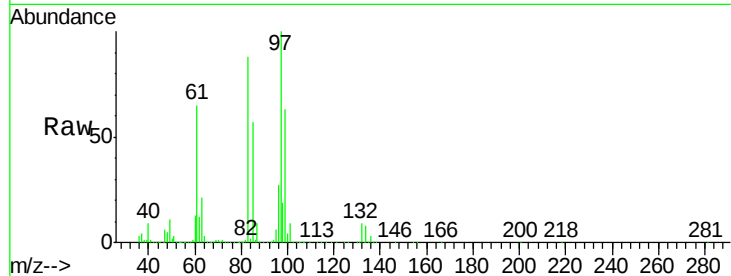
#55  
 1,1,2-Trichloroethane  
 Concen: 59.68 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX008304.D  
 Acq: 21 Mar 2019 20:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

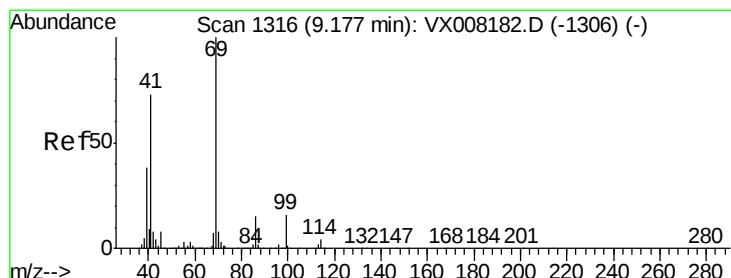
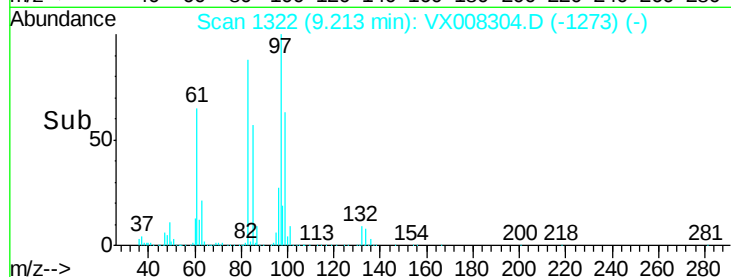
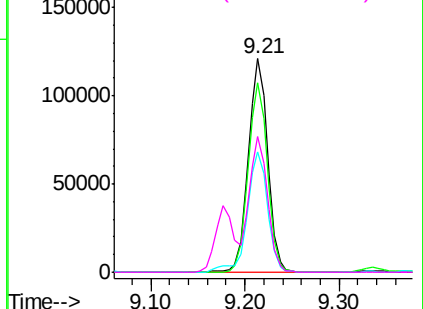
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 174547 |       |       |
| 83      | 88.5 | 69.1  | 103.7  |       |       |
| 85      | 56.6 | 44.3  | 66.5   |       |       |
| 99      | 63.4 | 49.8  | 74.8   |       |       |

Manual Integrations  
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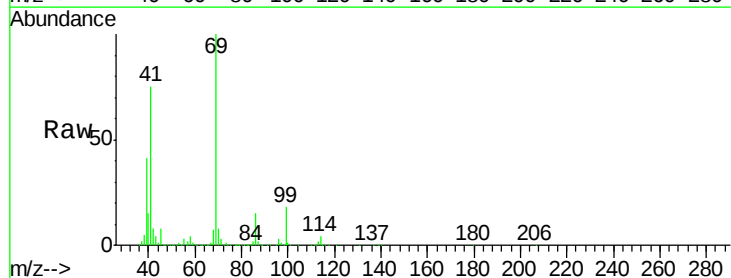


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

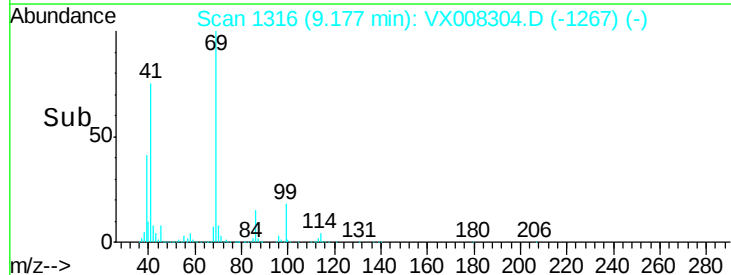
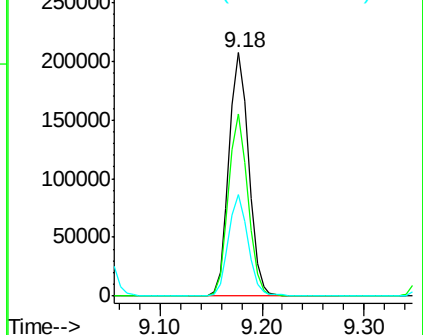


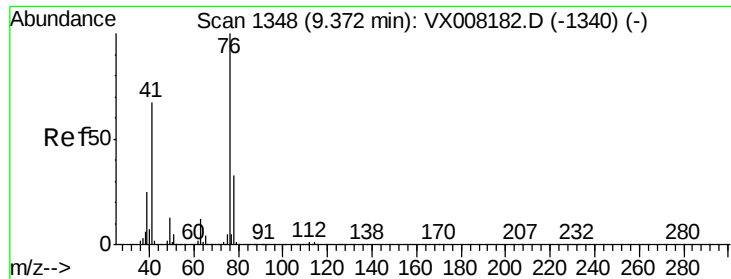
#56  
 Ethyl methacrylate  
 Concen: 54.18 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX008304.D  
 Acq: 21 Mar 2019 20:47

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 278202 |       |       |
| 41      | 73.4 | 54.2  | 81.4   |       |       |
| 39      | 41.1 | 25.0  | 37.4#  |       |       |



Abundance Ion 69.00 (68.70 to 69.70): VX0  
 Ion 41.00 (40.70 to 41.70): VX0  
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 57.03 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 295075

Ion Ratio Lower Upper

76 100

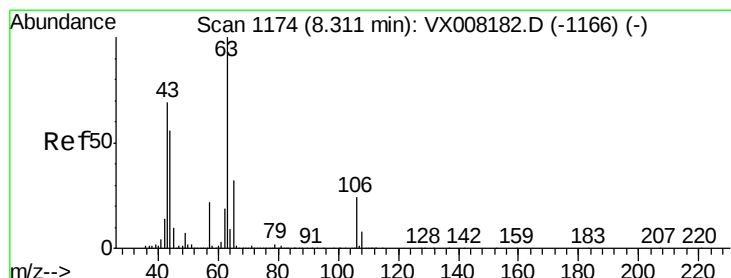
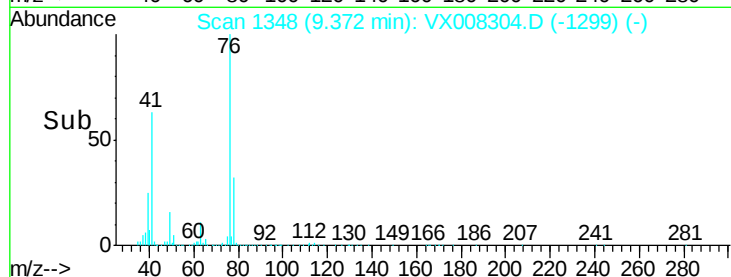
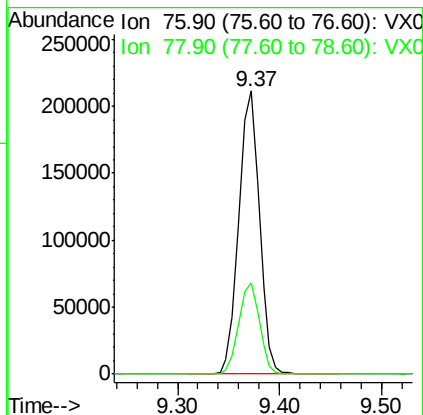
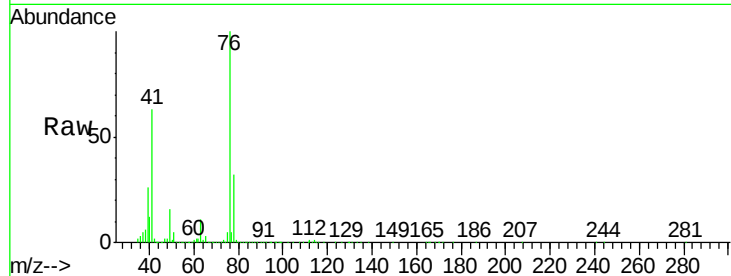
78 32.4 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 261.61 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008304.D

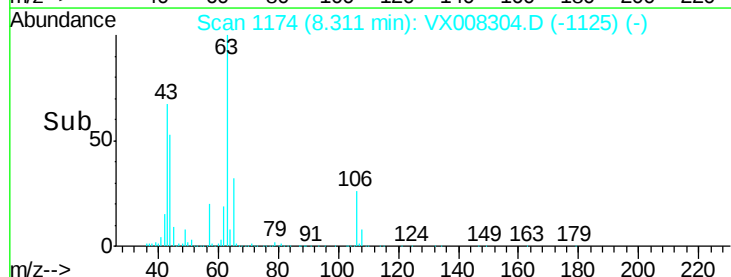
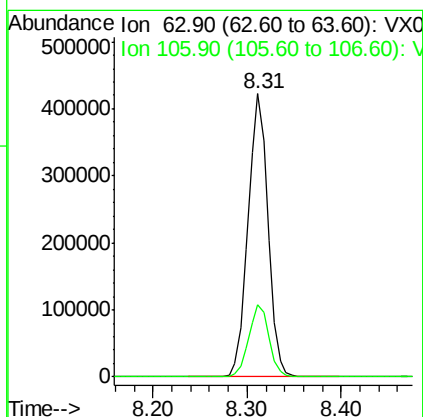
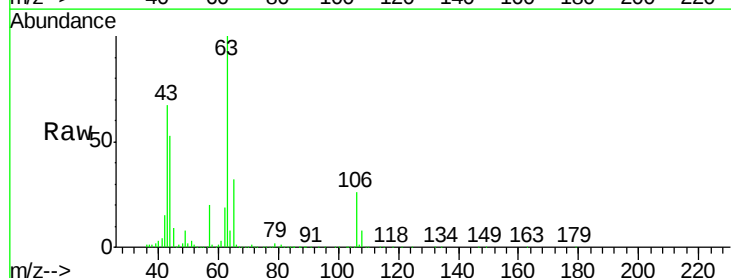
Acq: 21 Mar 2019 20:47

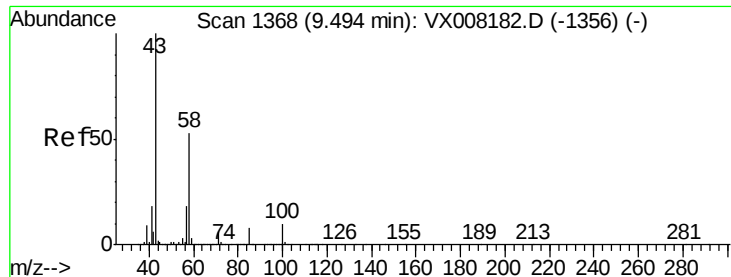
Tgt Ion: 63 Resp: 626945

Ion Ratio Lower Upper

63 100

106 25.6 22.2 33.2





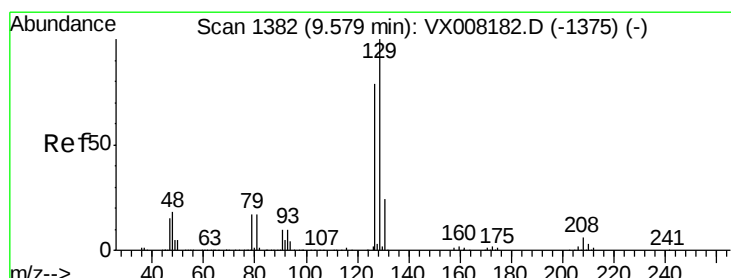
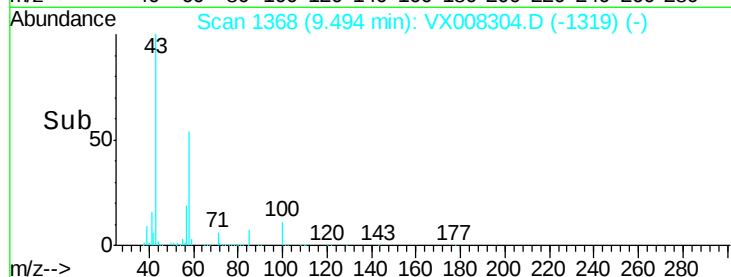
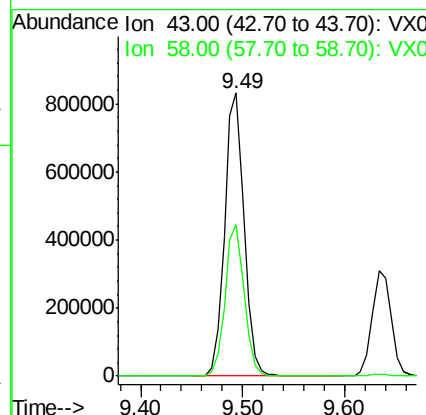
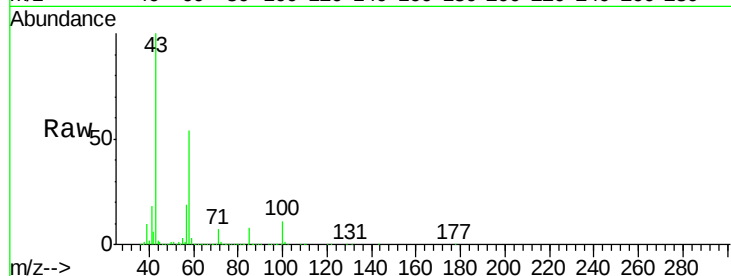
#59  
2-Hexanone  
Concen: 284.57 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1106439  
Ion Ratio Lower Upper  
43 100  
58 52.7 27.6 82.7

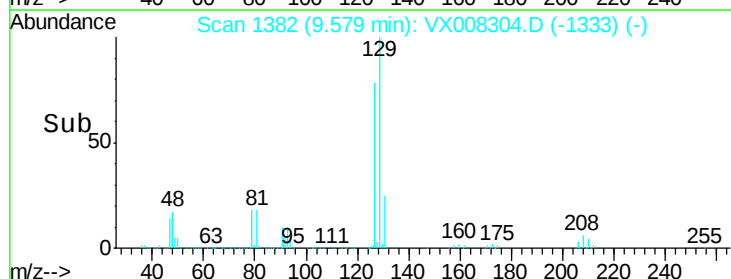
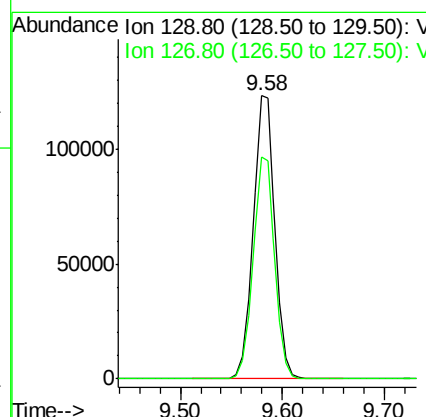
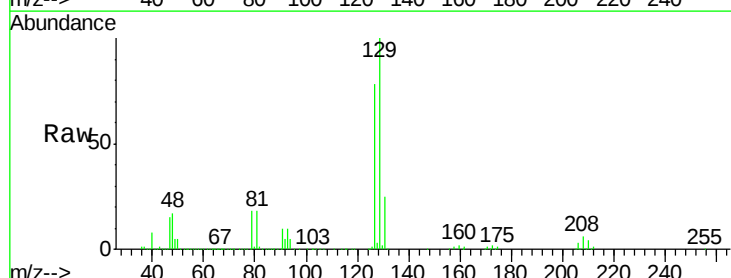
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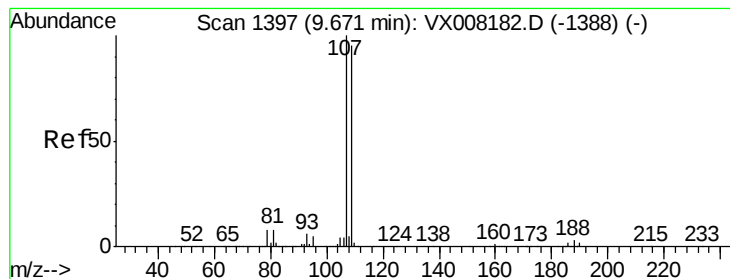
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 64.85 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Tgt Ion: 129 Resp: 182300  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.3 114.8





#61

1,2-Dibromoethane

Concen: 60.17 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 183759

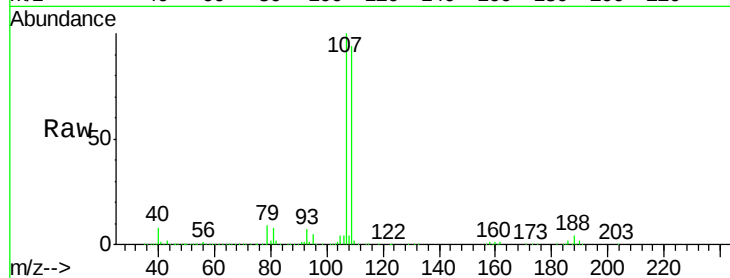
Ion Ratio Lower Upper

107 100

109 94.2 75.8 113.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

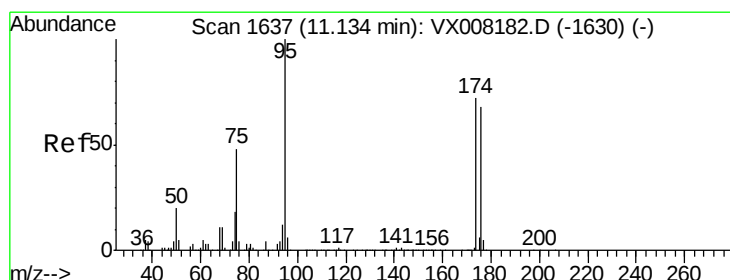
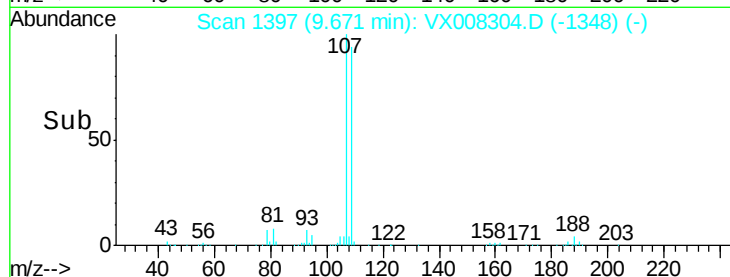
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.89 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

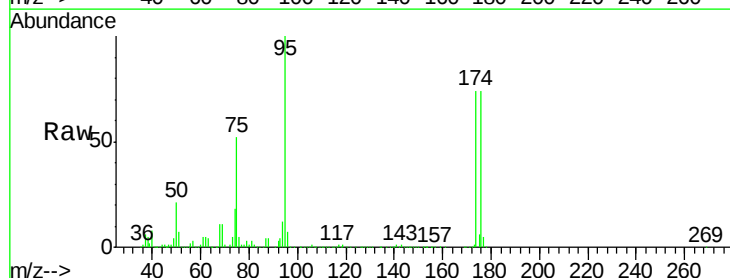
Tgt Ion: 95 Resp: 172941

Ion Ratio Lower Upper

95 100

174 79.9 0.0 182.8

176 78.5 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

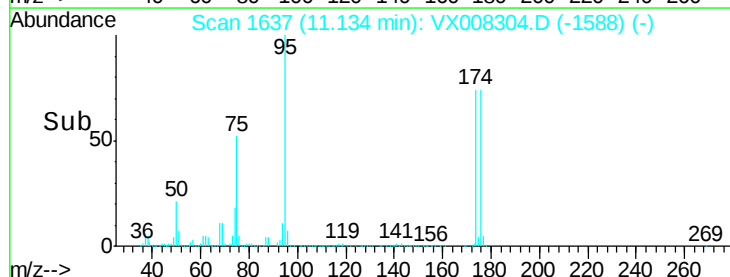
150000

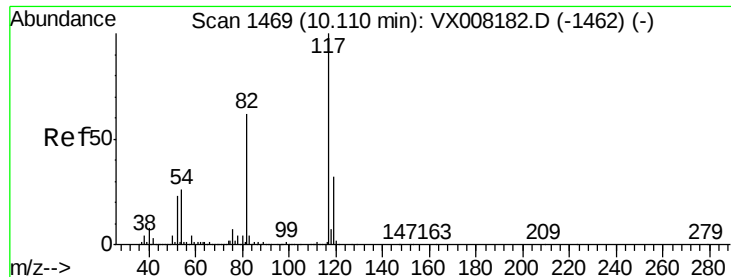
100000

50000

0

Time-->





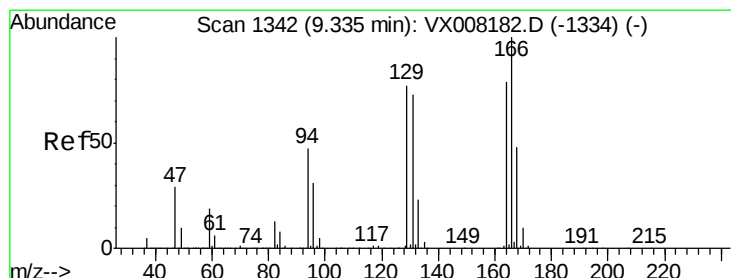
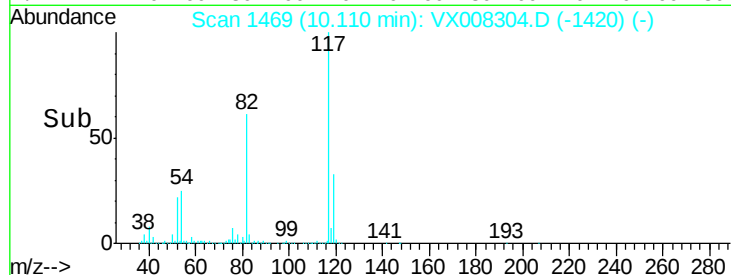
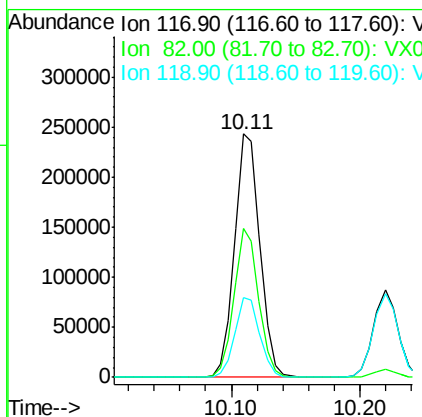
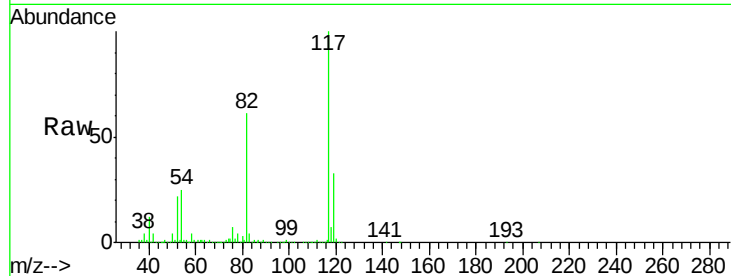
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 61.1  | 44.3  | 66.5  |
| 119     | 32.6  | 25.3  | 37.9  |

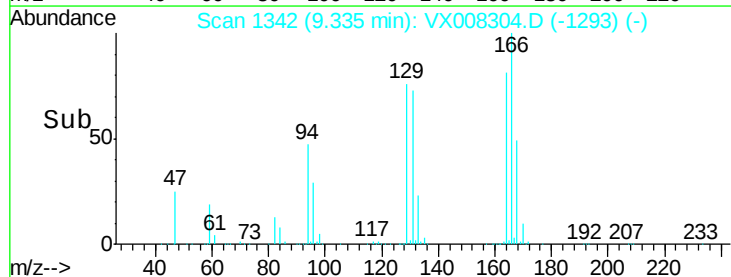
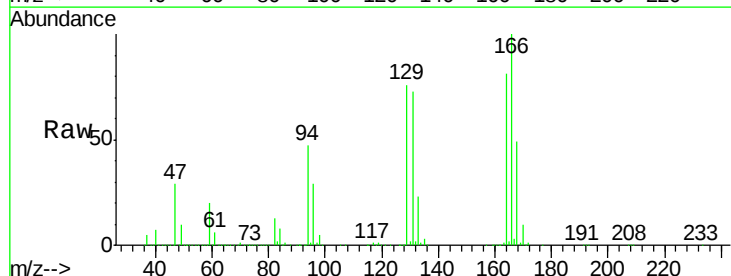
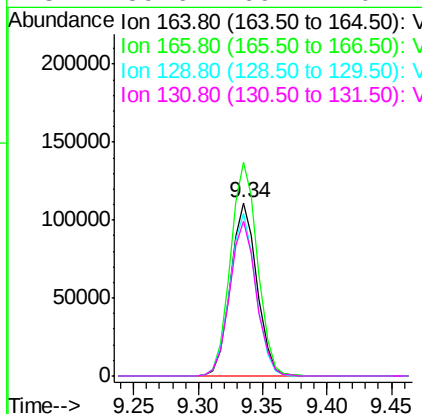
Manual Integrations  
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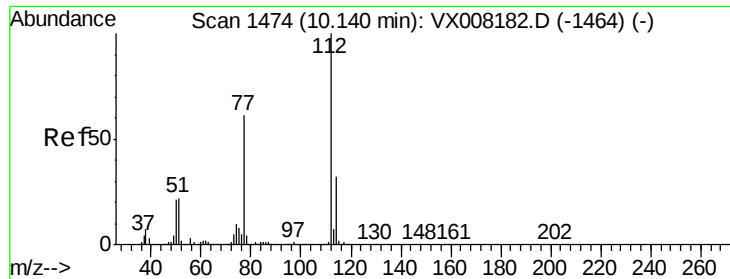
MMDadoda  
3/22/2019 5:18:19 PM



#64  
Tetrachloroethene  
Concen: 52.73 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 123.6 | 103.4 | 155.0 |
| 129     | 94.0  | 72.2  | 108.4 |
| 131     | 89.6  | 69.4  | 104.2 |





#65

Chlorobenzene

Concen: 53.36 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 439215

Ion Ratio Lower Upper

112 100

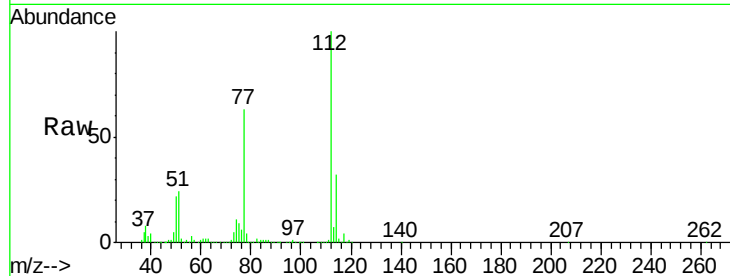
114 31.9 26.0 39.0

Manual Integrations

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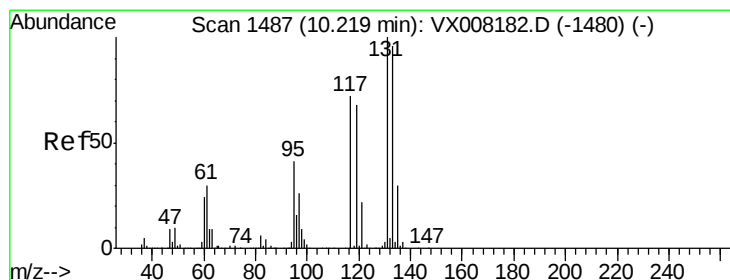
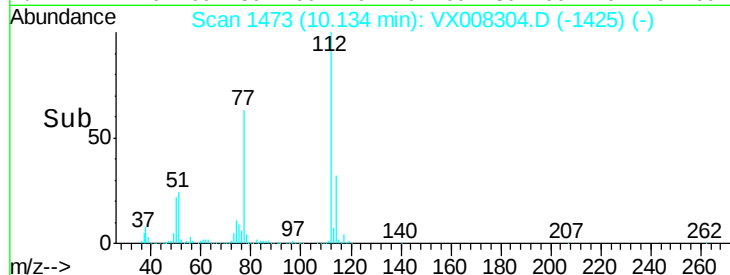
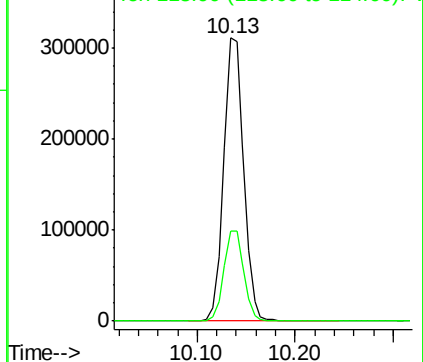
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 57.38 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

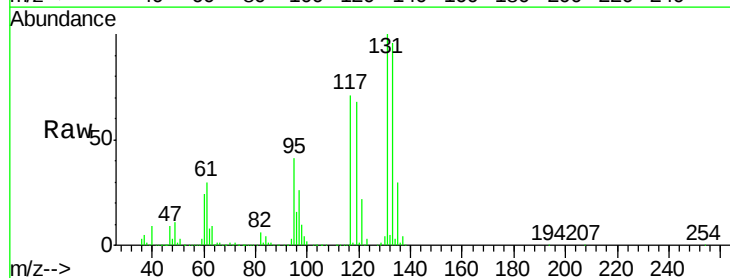
Tgt Ion:131 Resp: 164662

Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.3

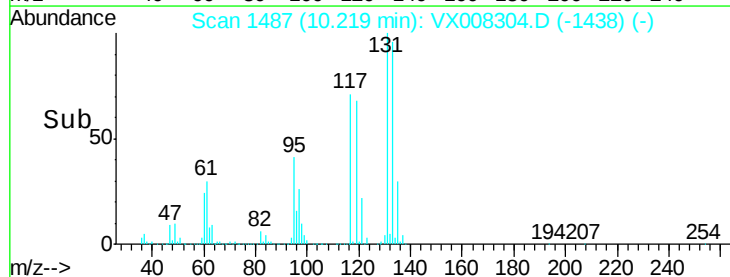
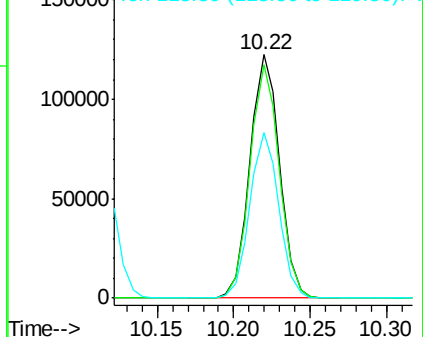
119 66.7 32.5 97.5

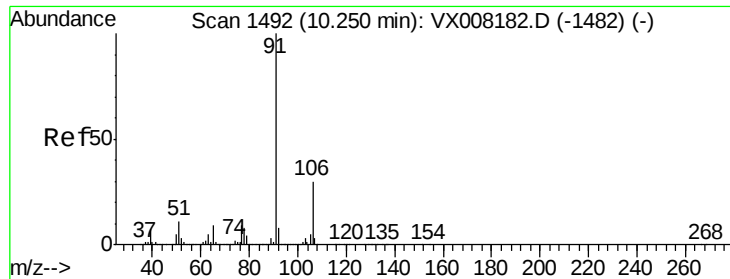


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.95 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 797048

Ion Ratio Lower Upper

91 100

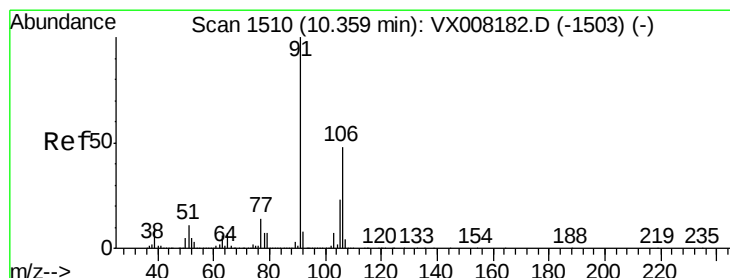
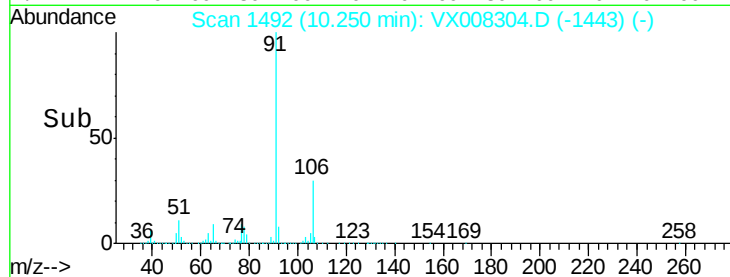
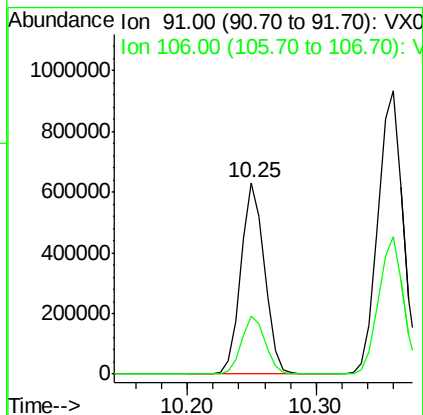
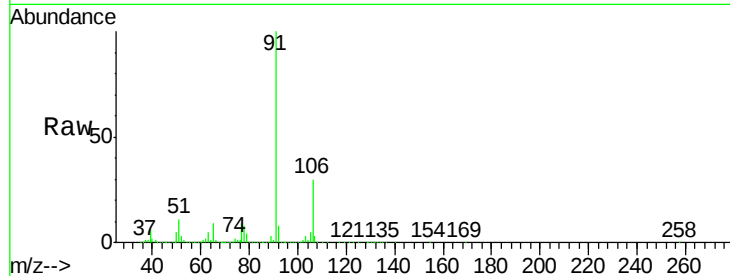
106 30.2 25.2 37.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 111.75 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008304.D

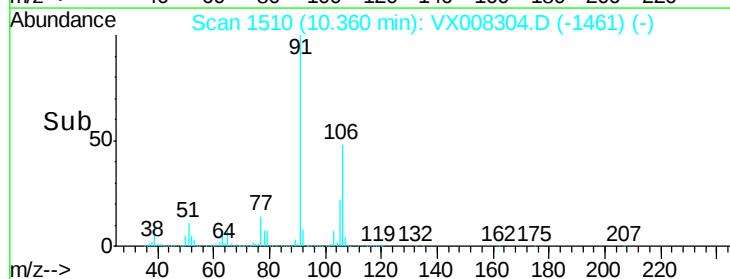
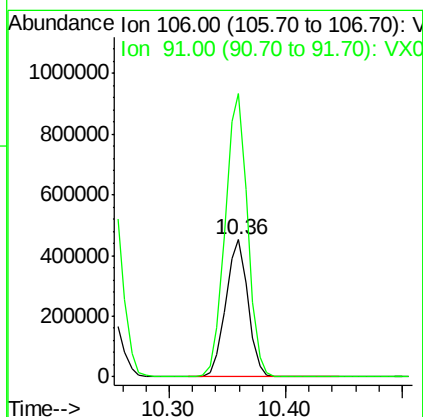
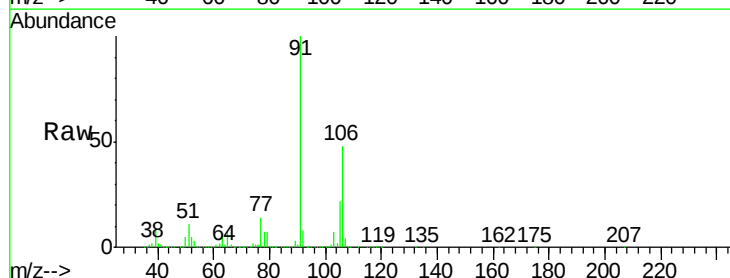
Acq: 21 Mar 2019 20:47

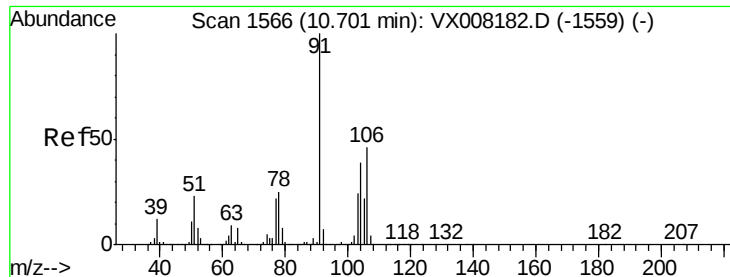
Tgt Ion: 106 Resp: 595433

Ion Ratio Lower Upper

106 100

91 208.2 159.8 239.6





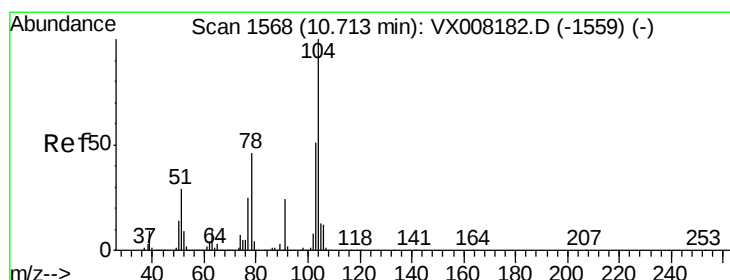
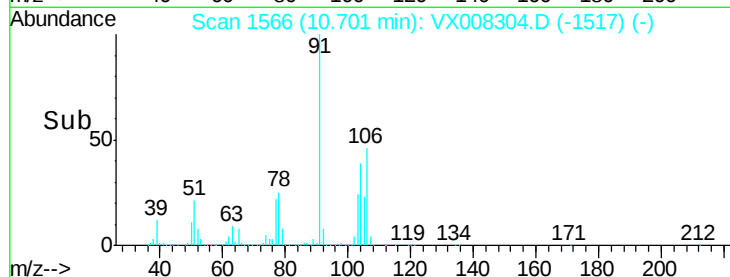
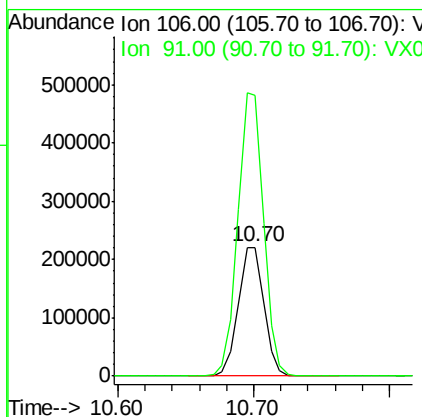
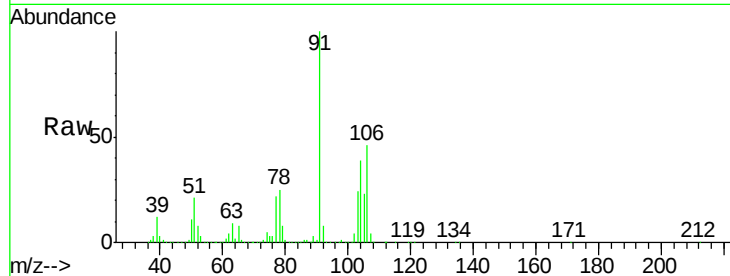
#69  
o-Xylene  
Concen: 56.09 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 290384  | 106 | 100   |       |       |
|         | 91  | 219.7 | 106.3 | 318.9 |

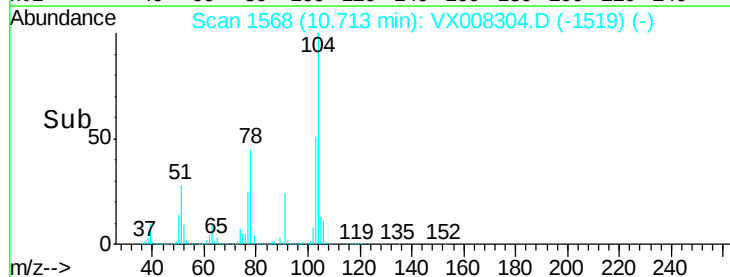
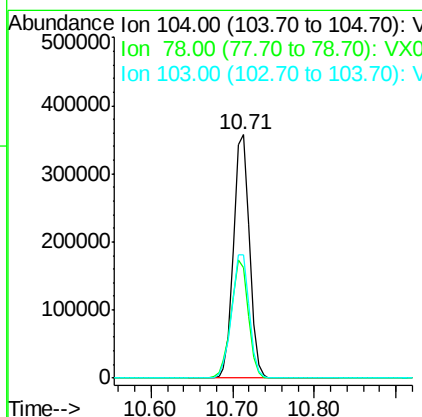
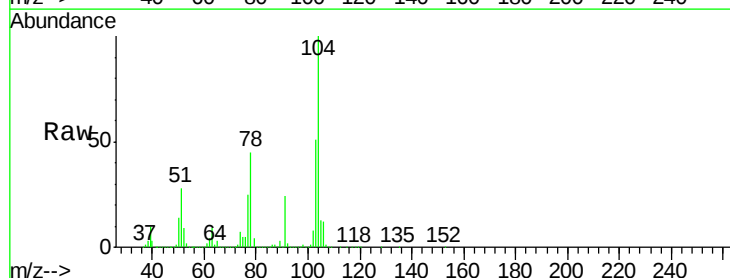
Manual Integrations  
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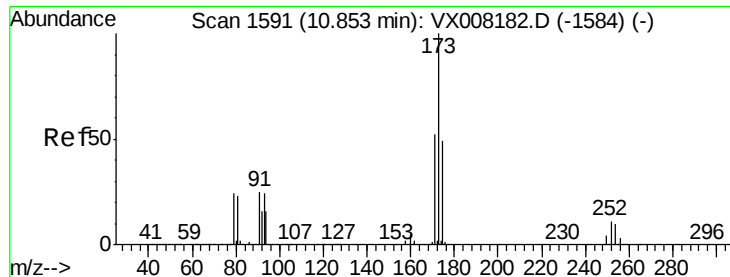
MMDadoda  
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#70  
Styrene  
Concen: 56.41 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 474652  | 104 | 100   |       |       |
|         | 78  | 52.8  | 38.5  | 57.7  |
|         | 103 | 56.1  | 44.1  | 66.1  |





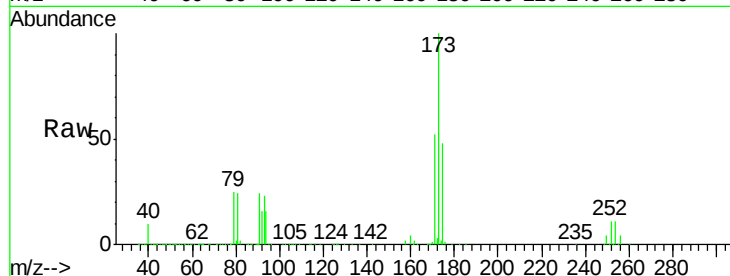
#71  
Bromoform  
Concen: 55.28 ug/l  
RT: 10.85 min Scan# 1591  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

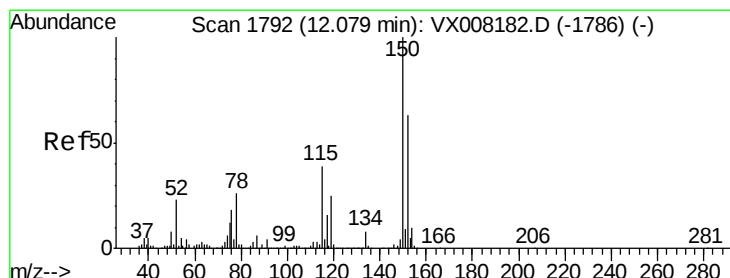
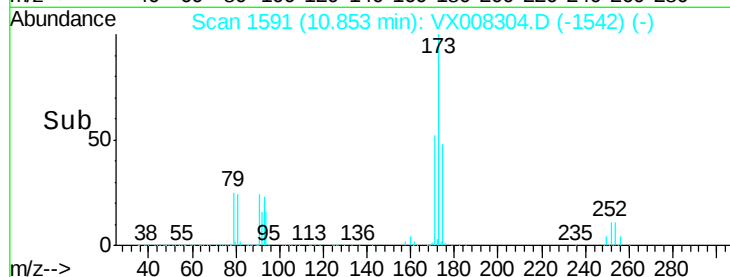
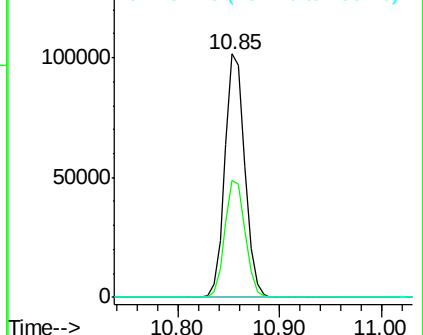
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.0  | 24.3  | 72.9  |
| 254     | 0.2   | 0.1   | 0.1#  |

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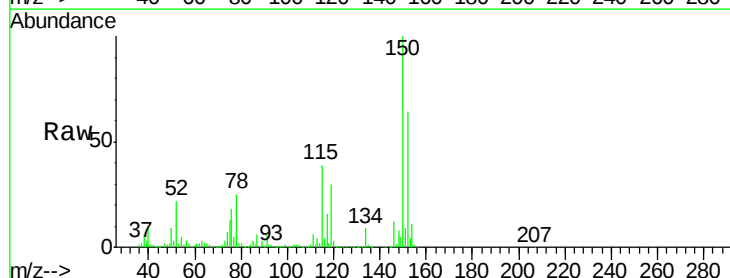


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

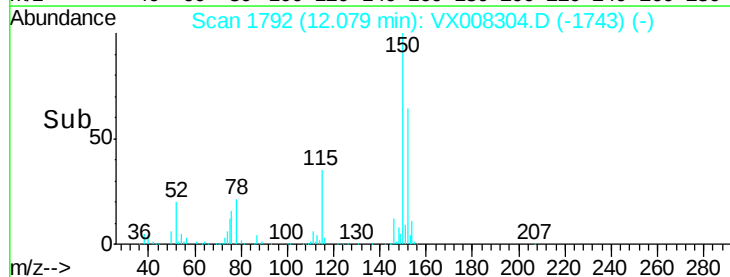
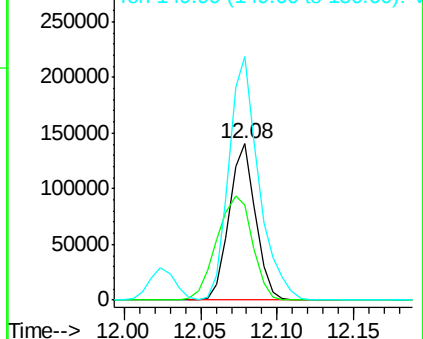


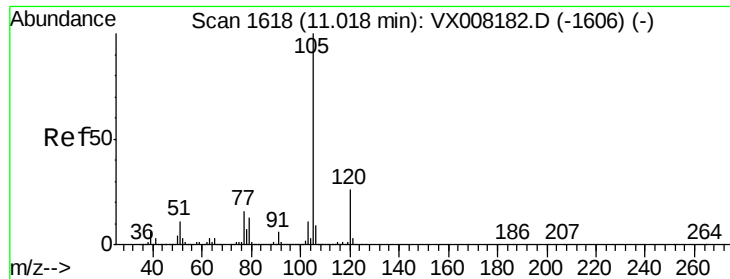
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 90.4  | 38.6  | 115.7 |
| 150     | 177.3 | 0.0   | 348.4 |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.65 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 782528

Ion Ratio Lower Upper

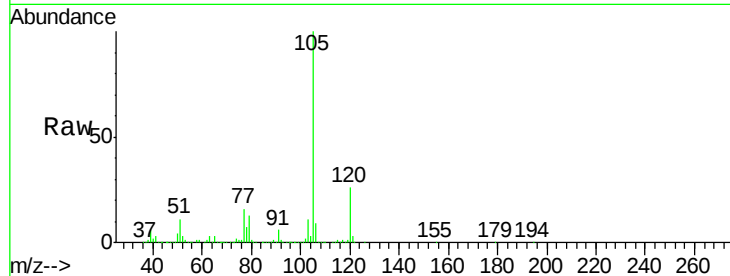
105 100

120 26.4 13.4 40.1

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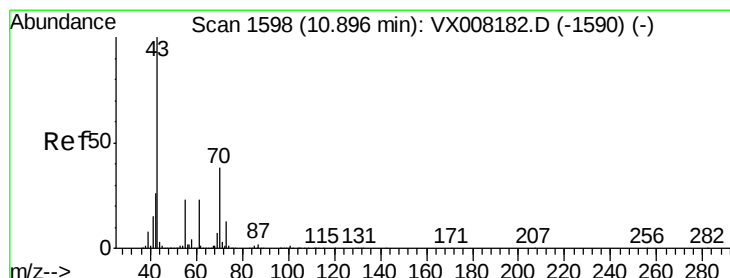
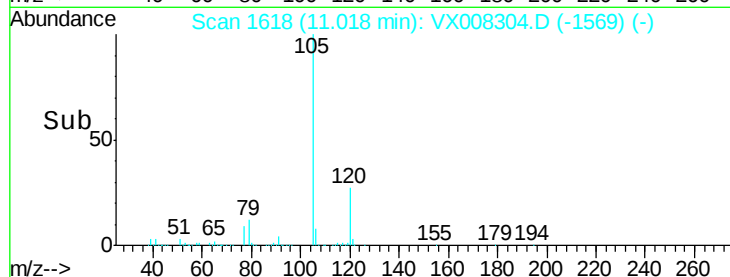
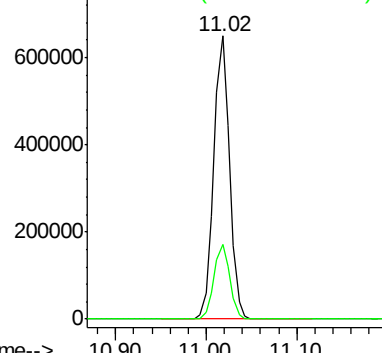
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.45 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Tgt Ion: 43 Resp: 400653

Ion Ratio Lower Upper

43 100

70 39.2 33.5 50.3

55 23.3 19.2 28.8

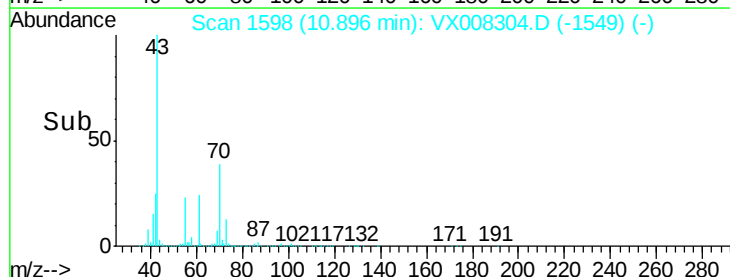
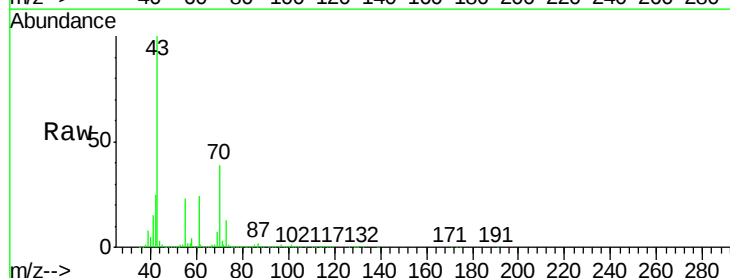
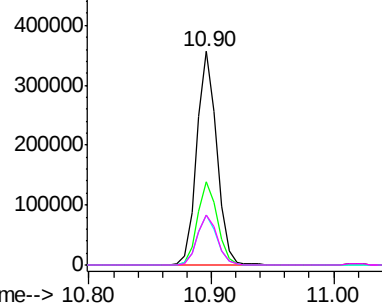
61 23.4 19.0 28.6

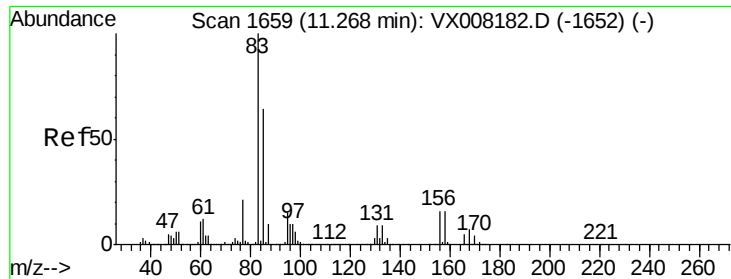
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.13 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 277797

Ion Ratio Lower Upper

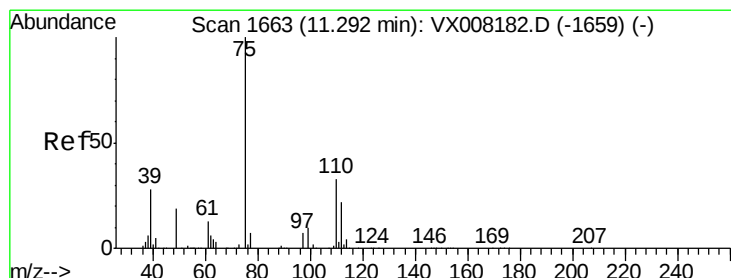
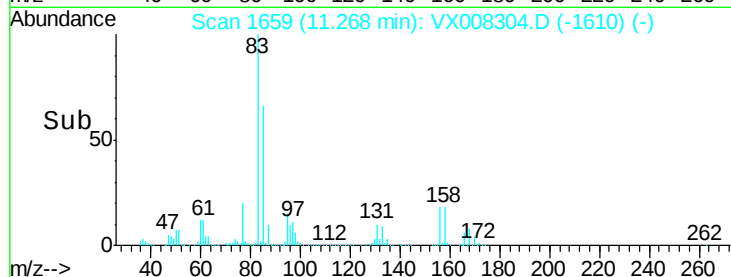
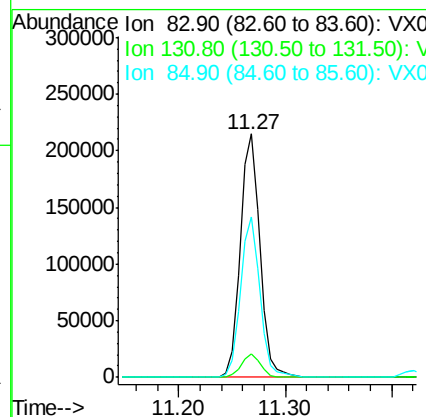
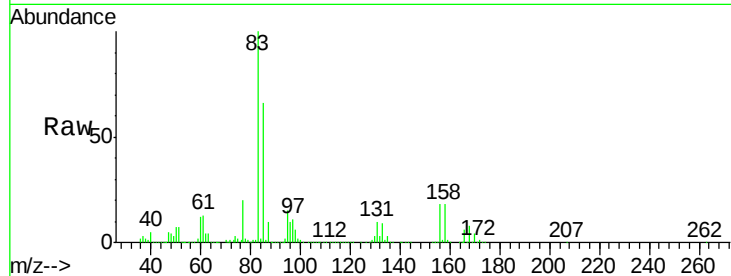
83 100

131 9.5 5.4 16.2

85 65.3 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 58.47 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX008304.D

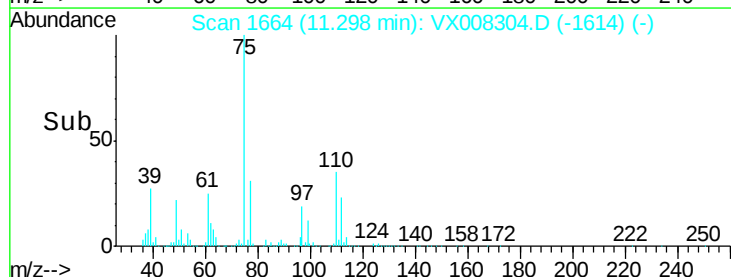
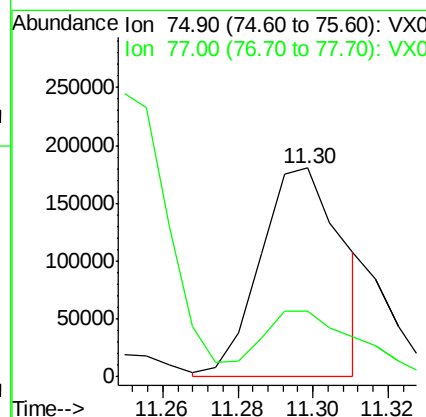
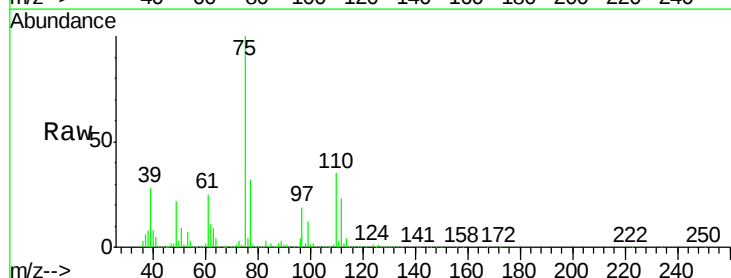
Acq: 21 Mar 2019 20:47

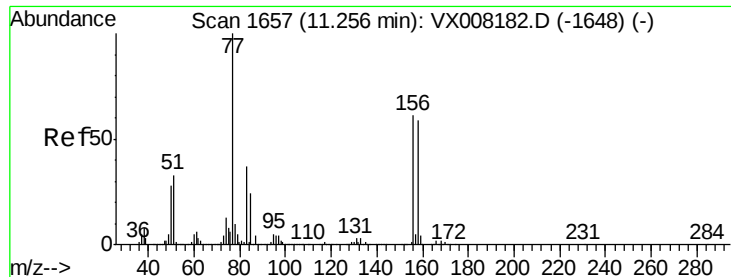
Tgt Ion: 75 Resp: 274193

Ion Ratio Lower Upper

75 100

77 37.8 18.9 56.7





#77

Bromobenzene

Concen: 53.37 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 191788

Ion Ratio Lower Upper

156 100

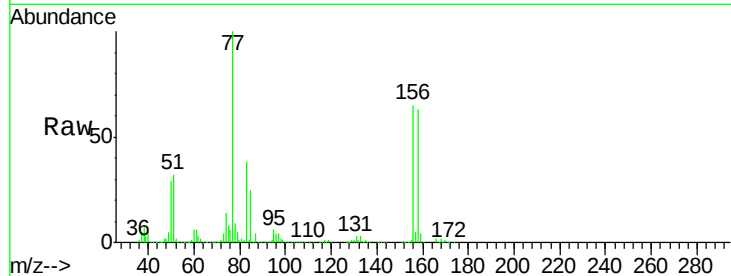
77 165.5 72.0 215.9

158 96.6 48.6 145.9

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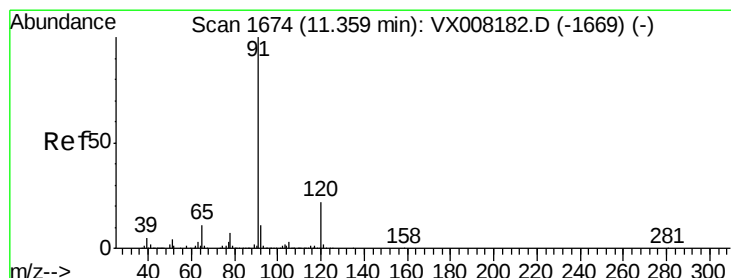
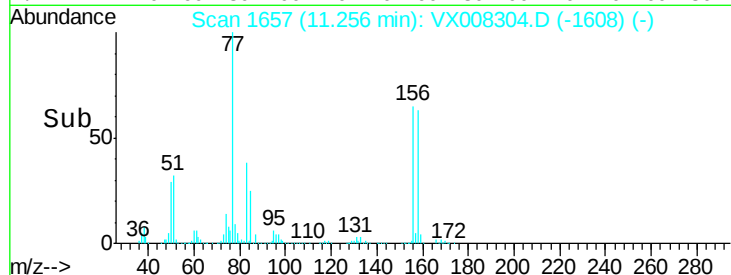
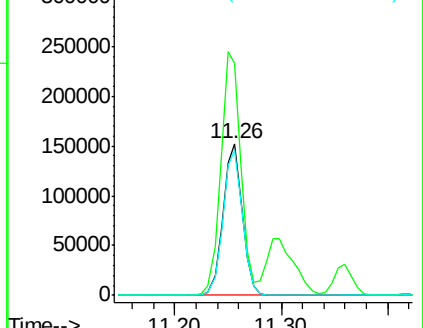
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.28 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008304.D

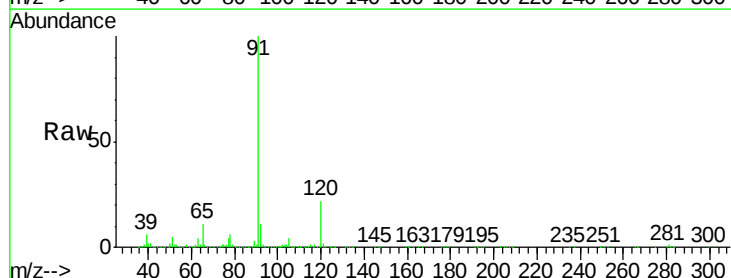
Acq: 21 Mar 2019 20:47

Tgt Ion: 91 Resp: 919803

Ion Ratio Lower Upper

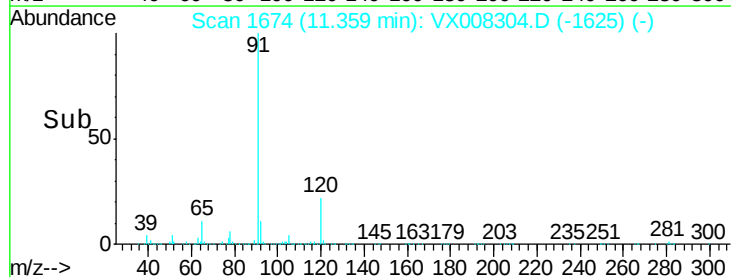
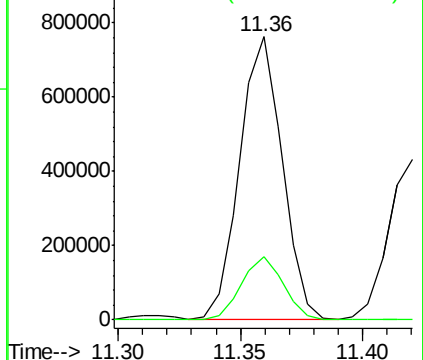
91 100

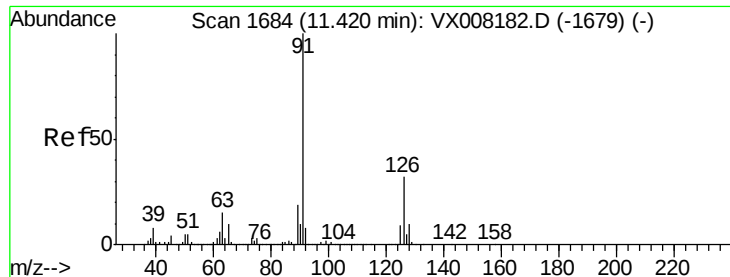
120 22.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





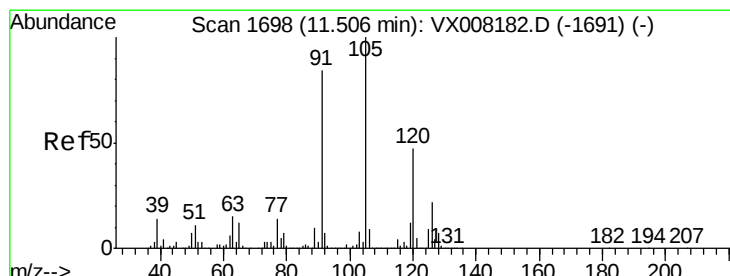
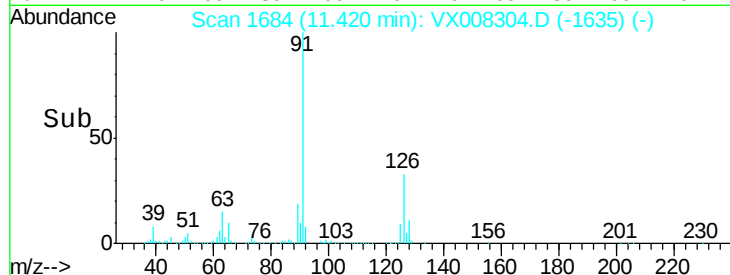
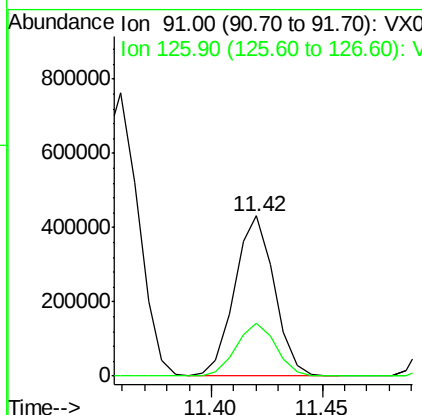
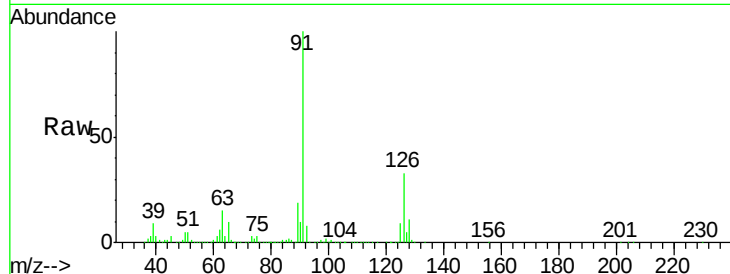
#79  
 2-Chlorotoluene  
 Concen: 51.59 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX008304.D  
 Acq: 21 Mar 2019 20:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 91 Resp: 534505  
 Ion Ratio Lower Upper  
 91 100  
 126 33.1 17.5 52.6

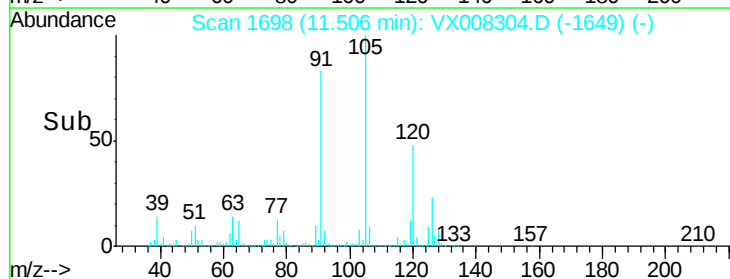
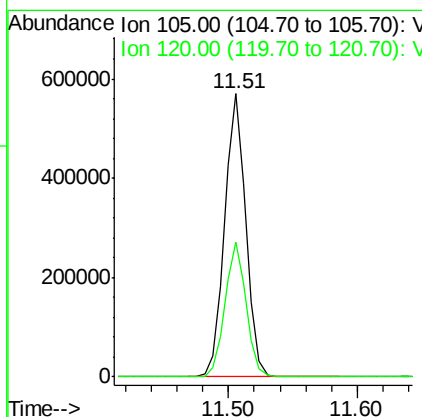
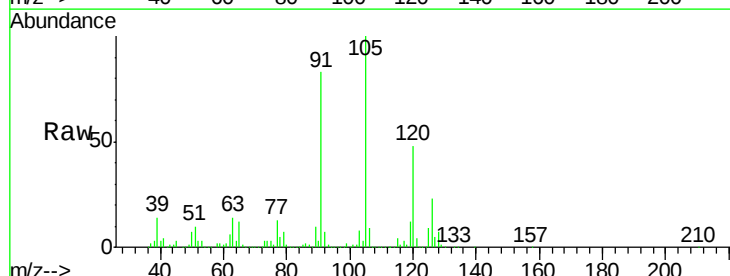
Manual Integrations  
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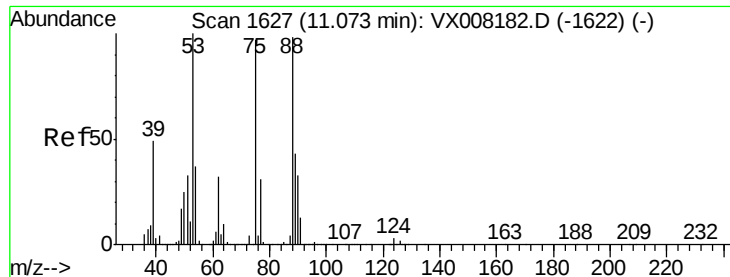
MMDadoda  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 53.73 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX008304.D  
 Acq: 21 Mar 2019 20:47

Tgt Ion: 105 Resp: 659796  
 Ion Ratio Lower Upper  
 105 100  
 120 47.1 24.9 74.6





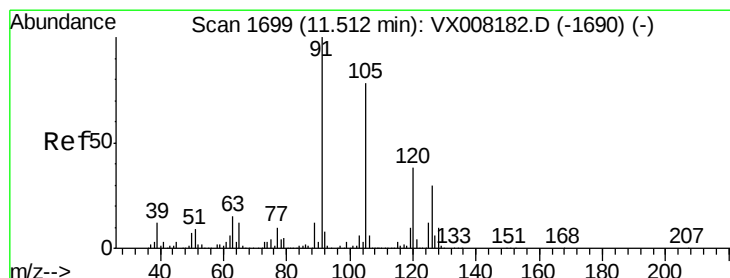
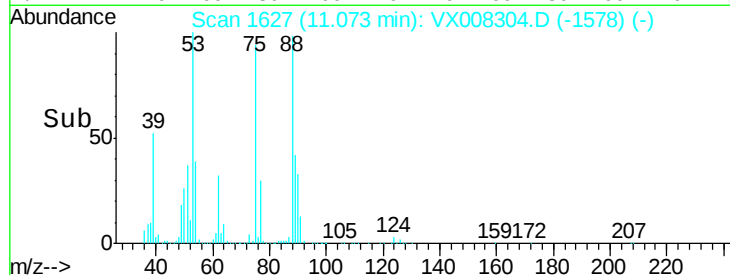
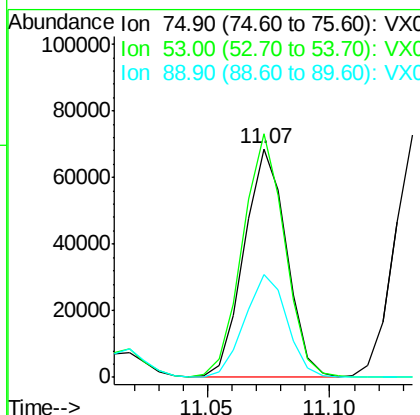
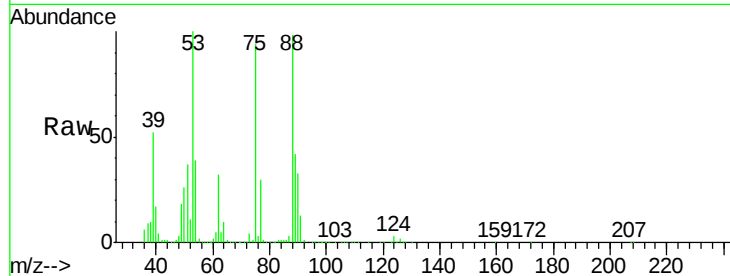
#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.20 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 105.7 | 76.1  | 114.1 |
| 89      | 45.3  | 36.3  | 54.5  |

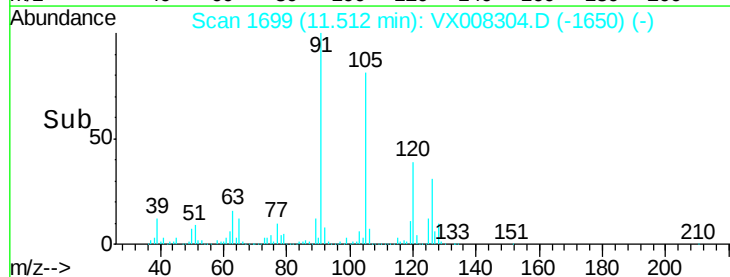
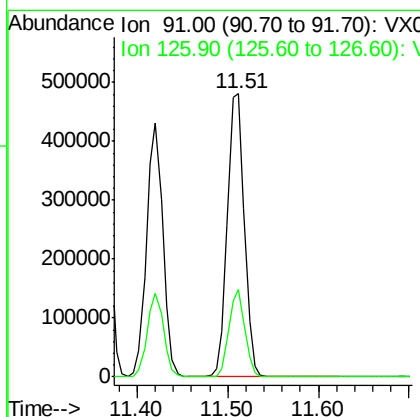
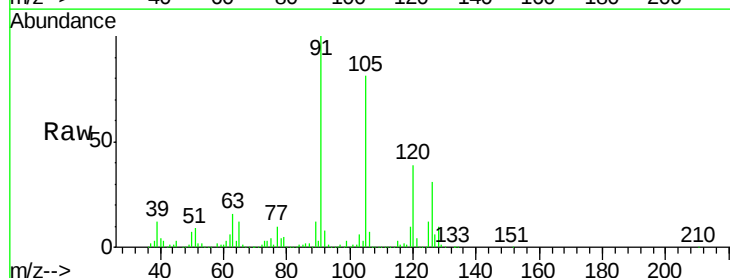
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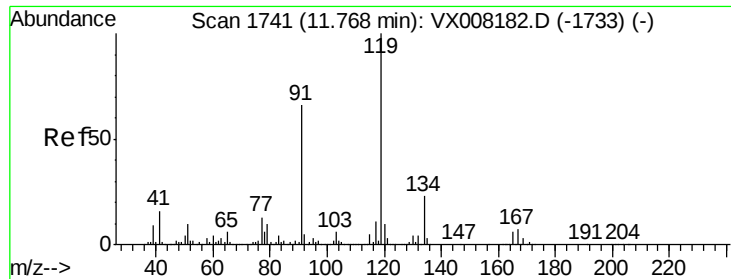
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 51.97 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 28.9  | 15.6  | 46.8  |





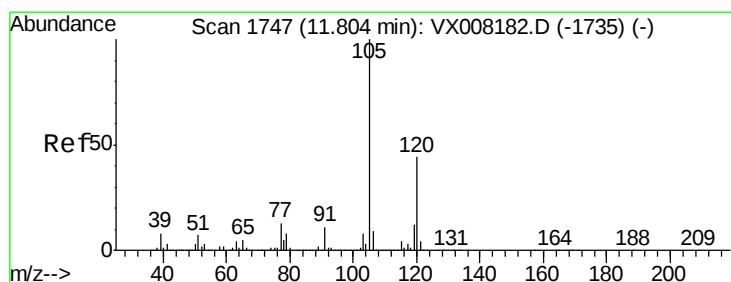
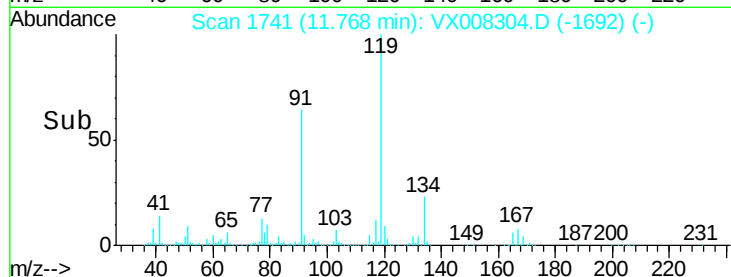
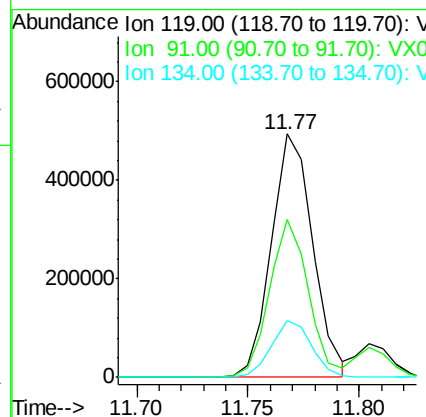
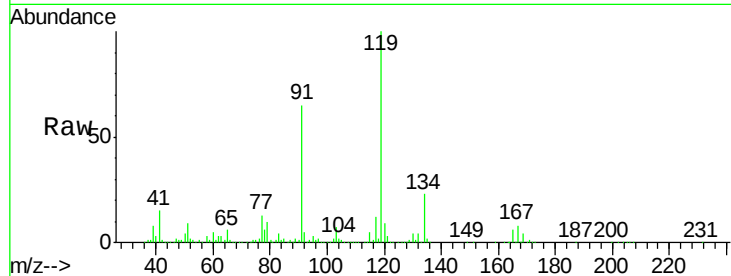
#83  
 tert-Butylbenzene  
 Concen: 54.44 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX008304.D  
 Acq: 21 Mar 2019 20:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 60.6  | 27.1  | 81.3  |
| 134     | 22.6  | 11.4  | 34.1  |

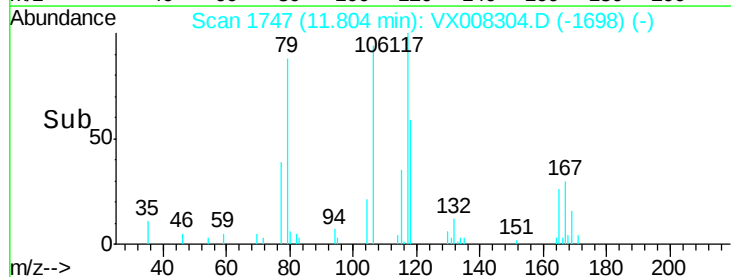
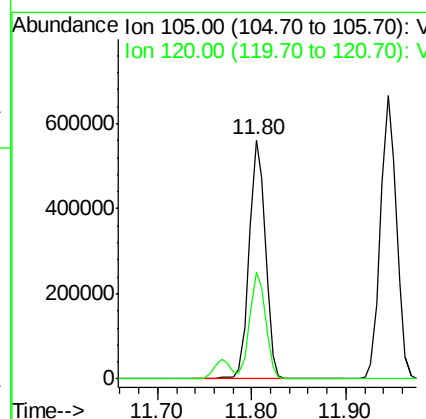
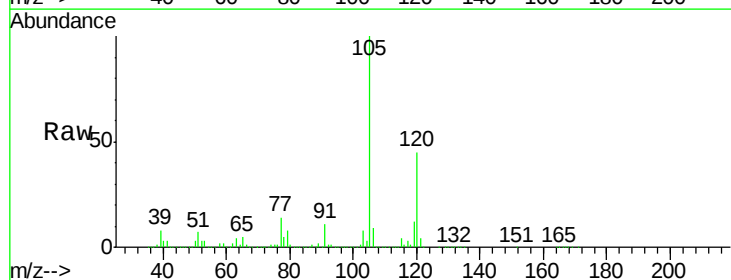
Manual Integrations  
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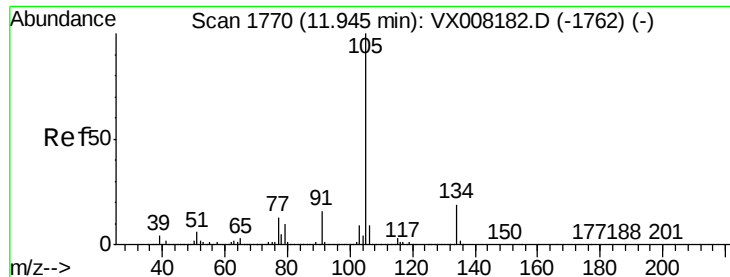
MMDadoda  
 3/22/2019 5:18:19 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.88 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX008304.D  
 Acq: 21 Mar 2019 20:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.7  | 22.6  | 67.7  |





#85

sec-Butylbenzene

Concen: 54.05 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 784658

Ion Ratio Lower Upper

105 100

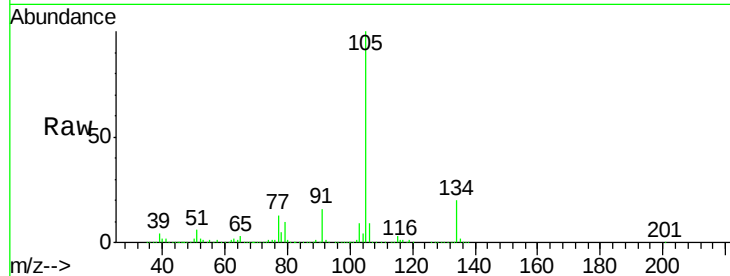
134 19.7 10.4 31.2

Manual Integrations

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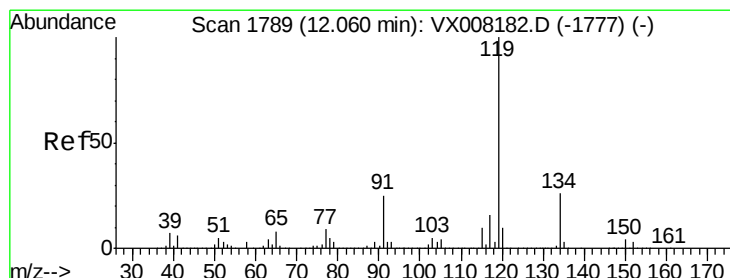
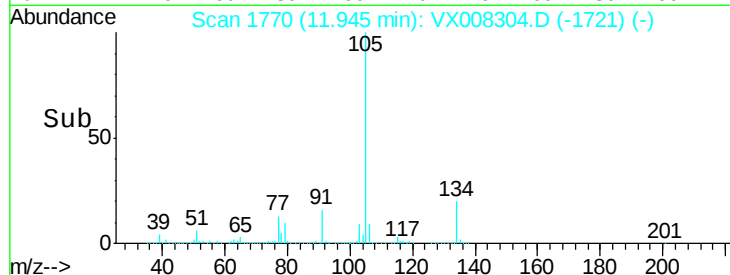
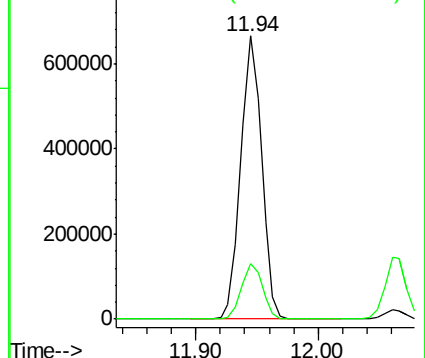
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.26 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

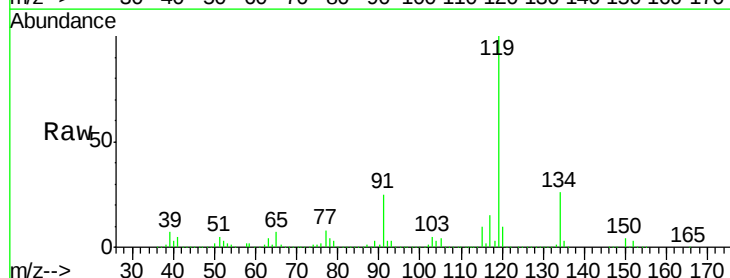
Tgt Ion:119 Resp: 681844

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

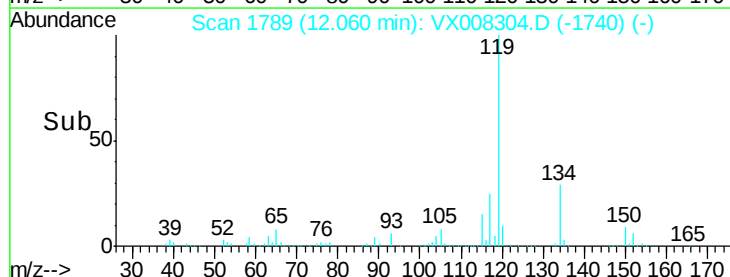
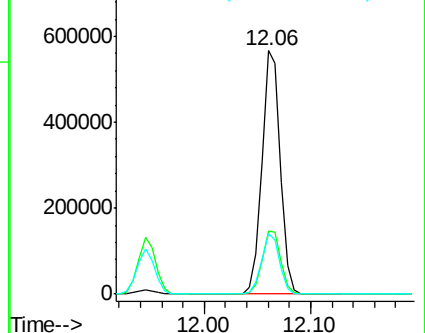
91 24.5 10.9 32.7

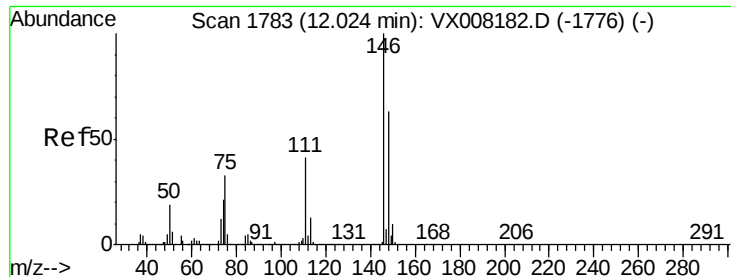


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 52.79 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

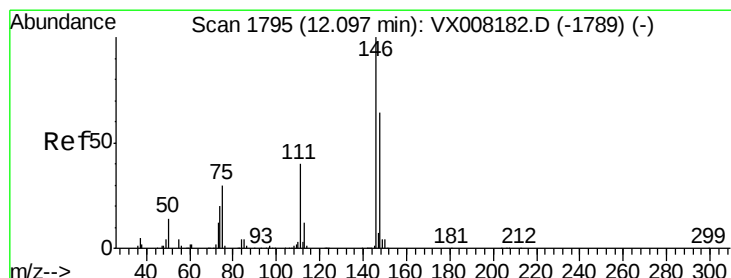
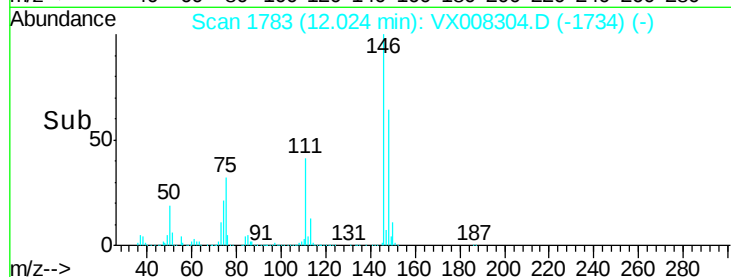
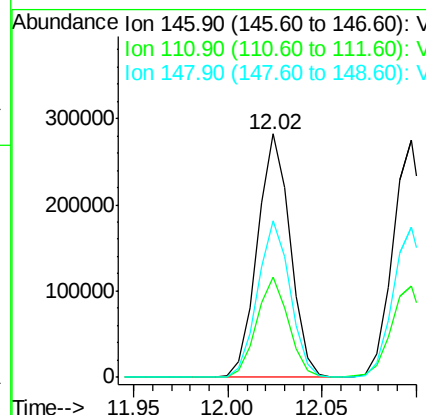
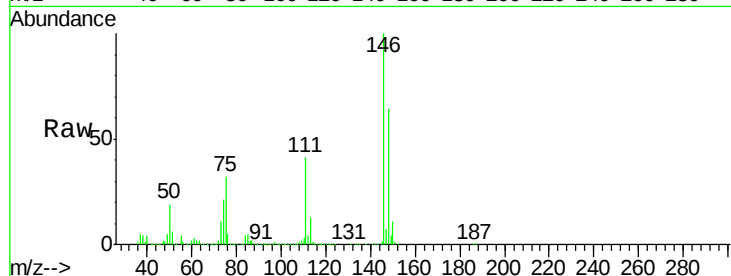
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 339047 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.2  | 18.9  | 56.7   |
| 148       | 63.8  | 31.7  | 95.1   |

Manual Integrations  
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#88

1,4-Dichlorobenzene

Concen: 51.07 ug/l

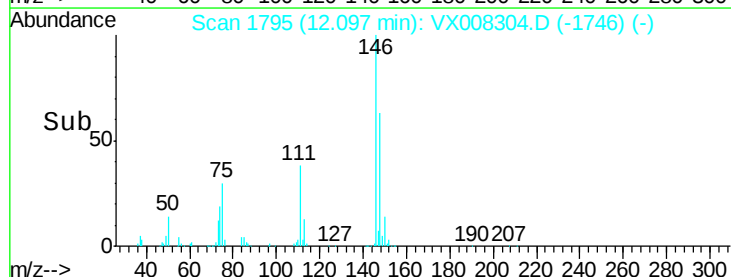
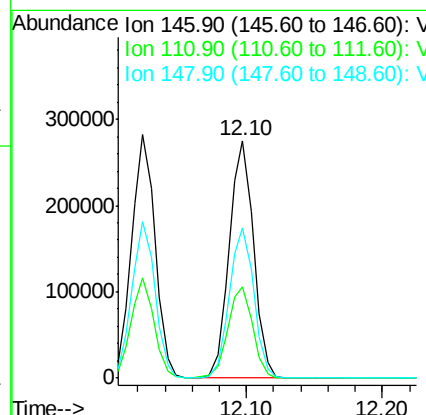
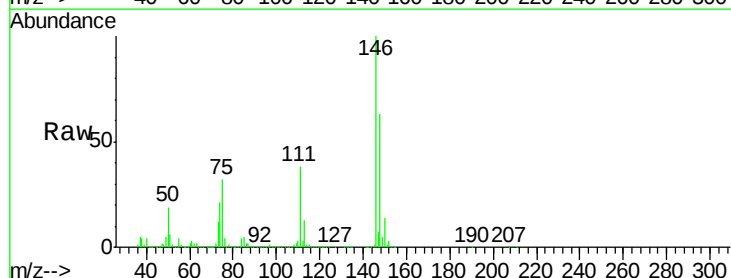
RT: 12.10 min Scan# 1795

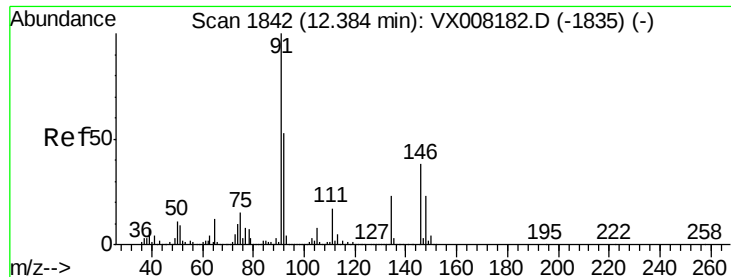
Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 339233 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 39.1  | 18.4  | 55.0   |
| 148       | 63.8  | 32.2  | 96.6   |





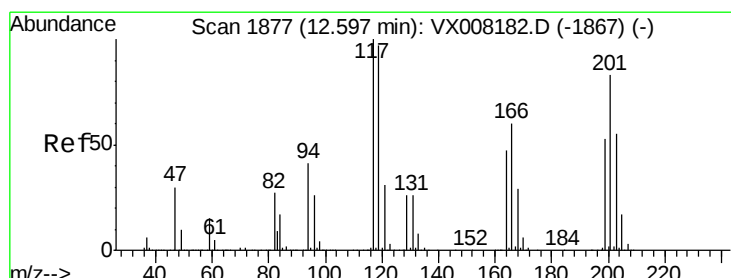
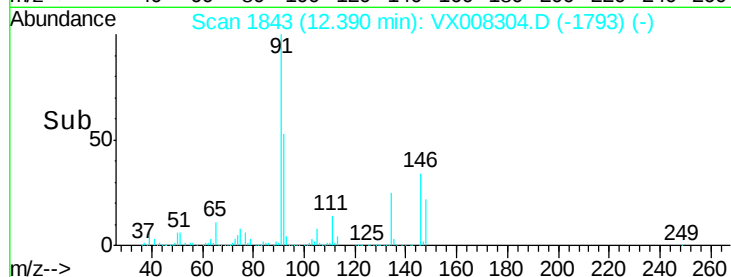
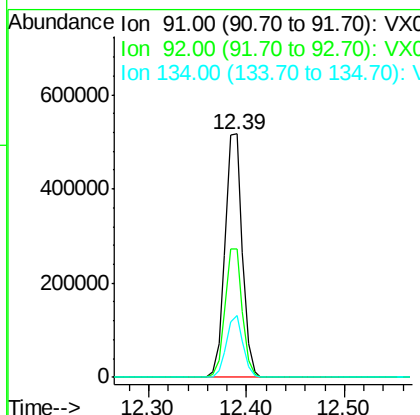
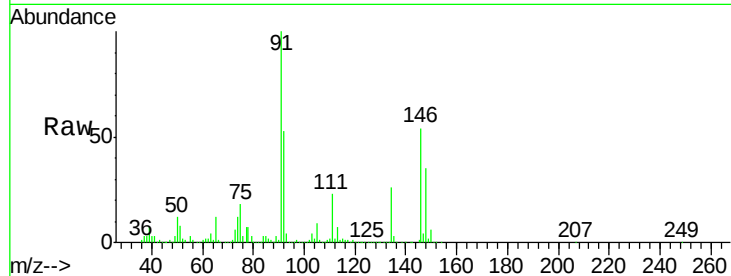
#89  
n-Butylbenzene  
Concen: 53.60 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.01 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 632183  
Ion Ratio Lower Upper  
91 100  
92 52.7 27.0 80.8  
134 24.5 13.7 41.0

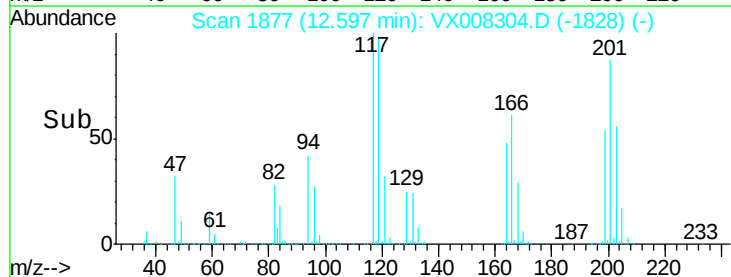
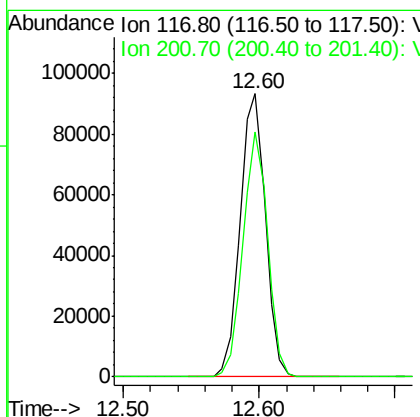
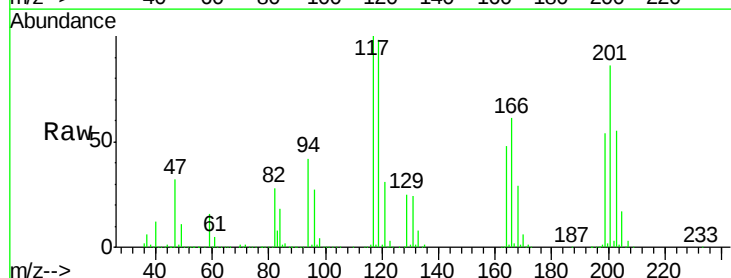
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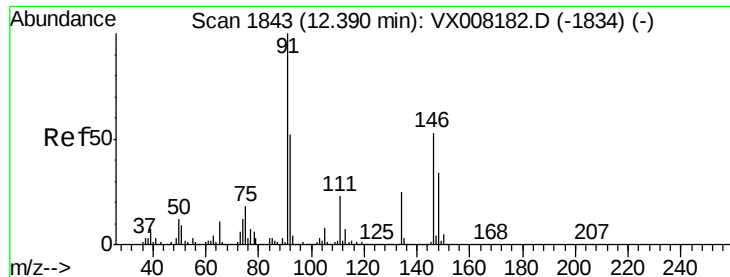
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#90  
Hexachloroethane  
Concen: 56.37 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX008304.D  
Acq: 21 Mar 2019 20:47

Tgt Ion: 117 Resp: 120652  
Ion Ratio Lower Upper  
117 100  
201 84.6 48.9 146.7





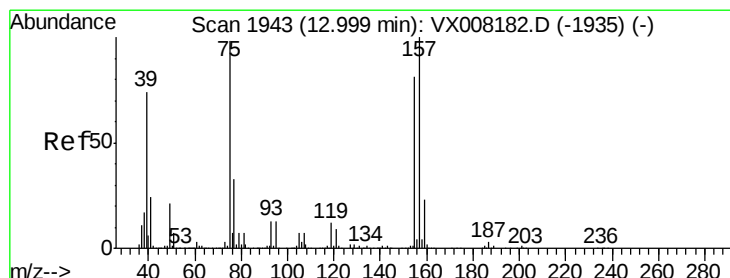
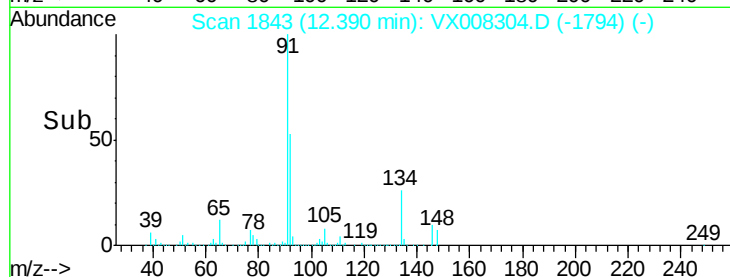
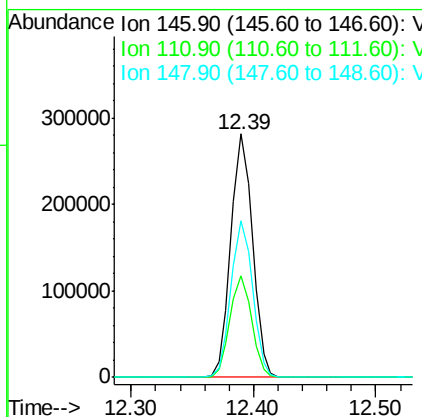
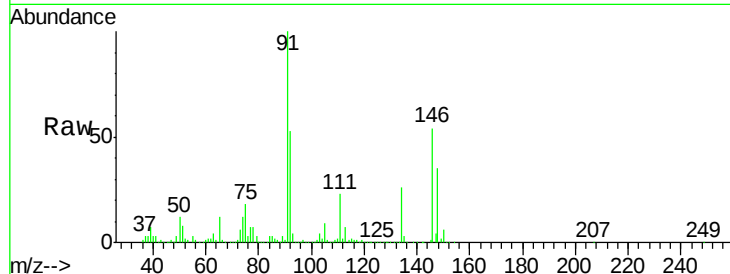
#91  
 1,2-Dichlorobenzene  
 Concen: 53.17 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX008304.D  
 Acq: 21 Mar 2019 20:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 344284 |       |       |
| 111     | 41.9  | 19.6   | 58.8  |       |
| 148     | 64.2  | 31.9   | 95.5  |       |

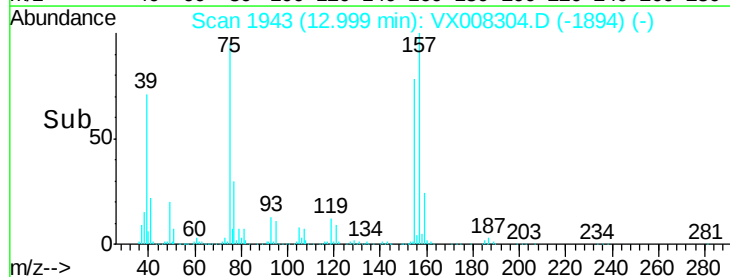
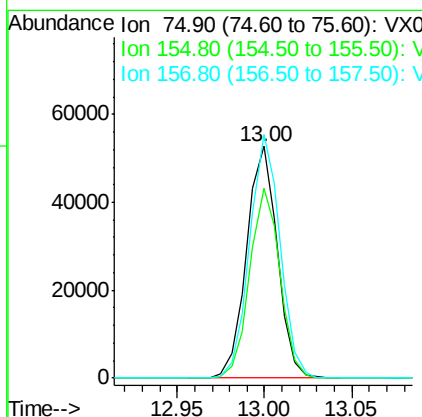
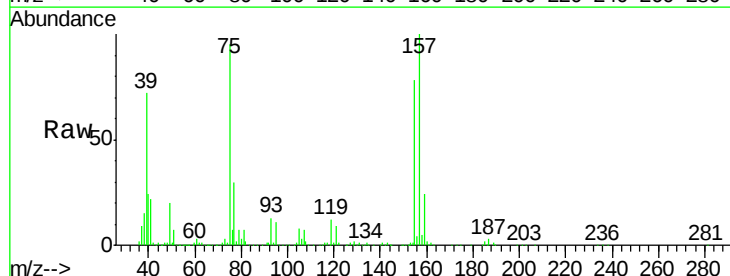
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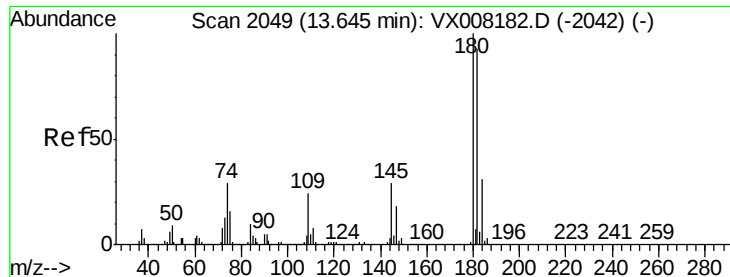
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 54.46 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX008304.D  
 Acq: 21 Mar 2019 20:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 64467 |       |       |
| 155     | 81.3  | 49.7  | 149.1 |       |
| 157     | 105.1 | 63.8  | 191.4 |       |





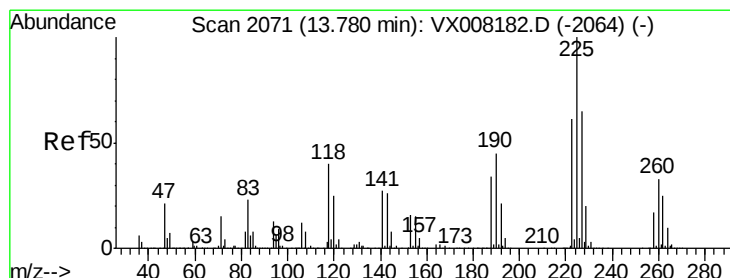
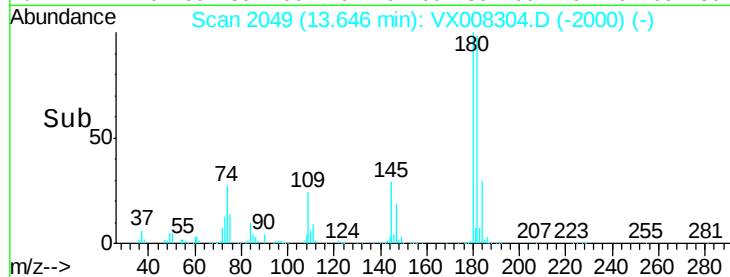
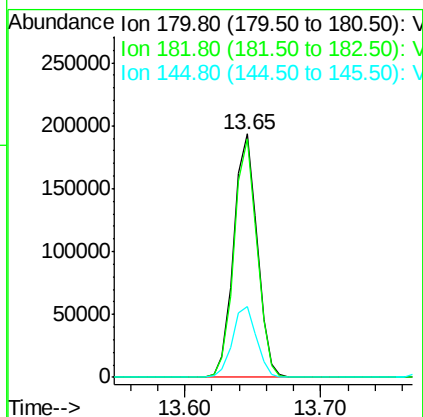
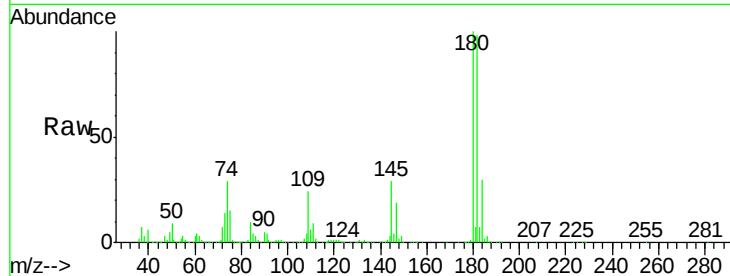
#93  
 1,2,4-Trichlorobenzene  
 Concen: 54.41 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX008304.D  
 Acq: 21 Mar 2019 20:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 232076 |       |       |
| 182     | 96.1  | 47.9   | 143.7 |       |
| 145     | 29.8  | 14.1   | 42.4  |       |

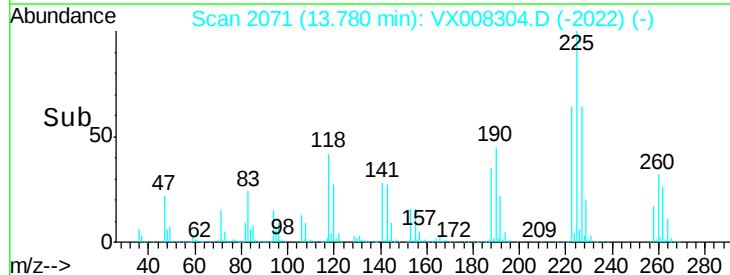
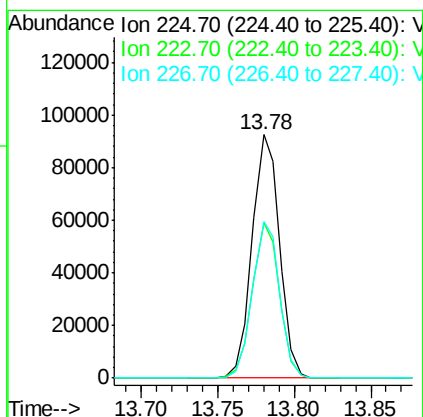
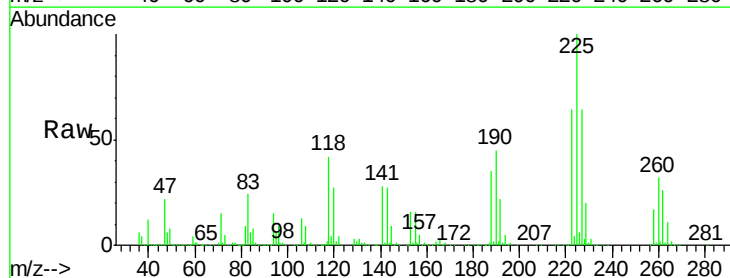
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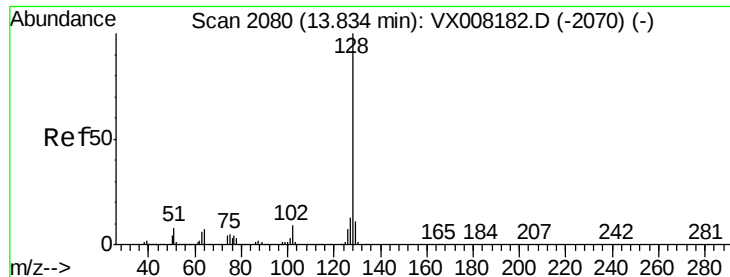
MMDadoda  
 3/22/2019 5:18:19 PM



#94  
 Hexachlorobutadiene  
 Concen: 55.47 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX008304.D  
 Acq: 21 Mar 2019 20:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 115394 |       |       |
| 223     | 63.1  | 31.1   | 93.2  |       |
| 227     | 63.5  | 32.0   | 96.0  |       |





#95

Naphthalene

Concen: 57.03 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

Instrument :

MSVOA\_X

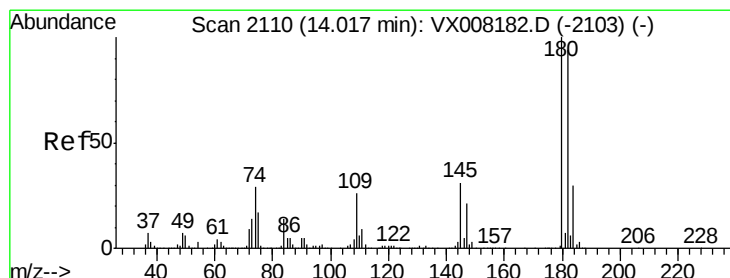
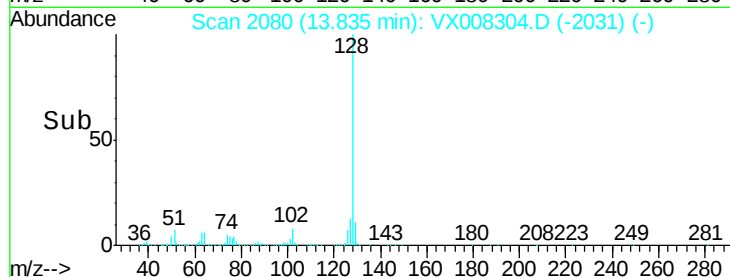
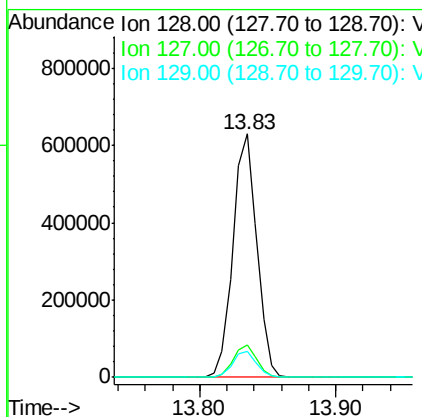
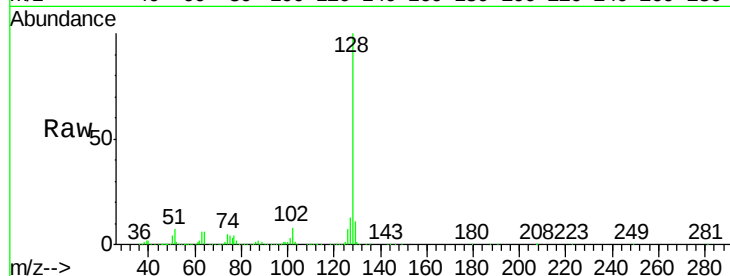
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 767748 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.2  | 10.3  | 15.5   |
| 129       | 10.9  | 8.7   | 13.1   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 55.80 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008304.D

Acq: 21 Mar 2019 20:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 234176 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.3  | 47.5  | 142.5  |
| 145       | 31.4  | 14.8  | 44.3   |

