

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX101218\  
 Data File : VX005304.D  
 Acq On : 12 Oct 2018 20:05  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 10/17/2018 9:05:55 AM

Quant Time: Oct 13 04:54:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 12 11:28:43 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 256573   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 354063   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 335344   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 192049   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 143988   | 50.57 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.14% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 113915   | 48.58 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.16%  |      |
| 50) Toluene-d8            | 8.72   | 98  | 416765   | 51.77 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.54% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 155672   | 51.47 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.94% |      |

## Target Compounds

|                               |      |     |         |        |        | Qvalue |
|-------------------------------|------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 113603  | 56.63  | ug/l   | 98     |
| 3) Chloromethane              | 1.32 | 50  | 144285  | 49.64  | ug/l   | 93     |
| 4) Vinyl Chloride             | 1.41 | 62  | 157032  | 53.33  | ug/l   | 95     |
| 5) Bromomethane               | 1.64 | 94  | 80380   | 48.35  | ug/l   | 89     |
| 6) Chloroethane               | 1.71 | 64  | 92102   | 53.29  | ug/l   | 90     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 203576  | 51.81  | ug/l   | 96     |
| 8) Diethyl Ether              | 2.19 | 74  | 89138   | 53.12  | ug/l   | 85     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 118927  | 52.44  | ug/l   | 95     |
| 10) Methyl Iodide             | 2.51 | 142 | 134409  | 53.85  | ug/l   | 95     |
| 11) Tert butyl alcohol        | 3.09 | 59  | 205207  | 255.47 | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 126487  | 56.29  | ug/l   | 91     |
| 13) Acrolein                  | 2.29 | 56  | 122039  | 237.99 | ug/l   | 93     |
| 14) Allyl chloride            | 2.72 | 41  | 253516  | 51.39  | ug/l   | 97     |
| 15) Acrylonitrile             | 3.15 | 53  | 459927  | 252.67 | ug/l   | 99     |
| 16) Acetone                   | 2.45 | 43  | 411288  | 249.81 | ug/l   | 94     |
| 17) Carbon Disulfide          | 2.56 | 76  | 340865  | 50.07  | ug/l   | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 257147  | 54.90  | ug/l   | 92     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 425558  | 53.77  | ug/l   | 92     |
| 20) Methylene Chloride        | 2.85 | 84  | 145995  | 61.15  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 123205  | 49.47  | ug/l # | 81     |
| 22) Diisopropyl ether         | 3.87 | 45  | 478960  | 57.80  | ug/l # | 93     |
| 23) Vinyl Acetate             | 3.83 | 43  | 2046068 | 282.49 | ug/l # | 93     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 268003  | 56.43  | ug/l   | 96     |
| 25) 2-Butanone                | 4.70 | 43  | 673101  | 279.42 | ug/l # | 88     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 182925  | 51.50  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 150804  | 55.72  | ug/l   | 95     |
| 28) Bromochloromethane        | 5.02 | 49  | 113812  | 52.57  | ug/l   | 95     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 412936  | 268.74 | ug/l   | 93     |
| 30) Chloroform                | 5.21 | 83  | 234279  | 53.15  | ug/l   | 94     |
| 31) Cyclohexane               | 5.57 | 56  | 221892  | 56.69  | ug/l # | 75     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 197266  | 51.43  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 178766  | 52.13  | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.86 | 43  | 232624  | 52.75  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 179807  | 52.19  | ug/l   | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\WX101218\  
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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 10/17/2018 9:05:55 AM

Quant Time: Oct 13 04:54:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 12 11:28:43 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 190061   | 51.21  | ug/l   | 96       |
| 40) Benzene                    | 6.14  | 78   | 534693   | 51.98  | ug/l   | 93       |
| 41) Methacrylonitrile          | 5.06  | 41   | 130582   | 55.23  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 190832   | 52.54  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 337192   | 57.40  | ug/l   | 96       |
| 44) Trichloroethene            | 7.21  | 130  | 140362   | 53.48  | ug/l   | 82       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 131022   | 51.93  | ug/l   | 100      |
| 46) Dibromomethane             | 7.66  | 93   | 83479    | 50.13  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 166063   | 53.91  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 161852   | 53.12  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 69516    | 989.23 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1103727  | 271.35 | ug/l   | 95       |
| 52) Toluene                    | 8.79  | 92   | 306102   | 54.39  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 180892   | 54.26  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 195875   | 54.23  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 125706   | 52.74  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 196908   | 56.67  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 211488   | 53.16  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 583470   | 299.40 | ug/l   | 92       |
| 59) 2-Hexanone                 | 9.50  | 43   | 881583   | 269.44 | ug/l   | 94       |
| 60) Dibromochloromethane       | 9.58  | 129  | 134049   | 54.41  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 133018   | 53.17  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 137264   | 50.84  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 345632   | 48.45  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 128096   | 50.39  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.26 | 91   | 590764   | 50.94  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 465447   | 103.41 | ug/l   | 95       |
| 69) o-Xylene                   | 10.70 | 106  | 222500   | 51.26  | ug/l   | 97       |
| 70) Styrene                    | 10.71 | 104  | 375753   | 52.63  | ug/l   | 97       |
| 71) Bromoform                  | 10.86 | 173  | 113531   | 49.98  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 605557   | 53.04  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 288476   | 52.39  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 209647   | 48.68  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 192320m  | 51.63  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 164059   | 50.26  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 691422   | 52.63  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 411609   | 51.16  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 520433   | 53.23  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 61524    | 50.18  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 490638   | 51.44  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 517191   | 52.24  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 540690   | 53.74  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 619243   | 52.85  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 562069   | 53.08  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 304720   | 49.96  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 309349   | 49.57  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 494372   | 51.42  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.60 | 117  | 91338    | 50.05  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 308321   | 49.53  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 51731    | 49.24  | ug/l   | 96       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX101218\  
Data File : VX005304.D  
Acq On : 12 Oct 2018 20:05  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

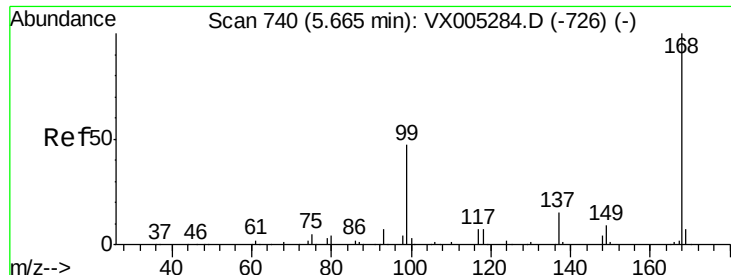
MMDadoda  
10/17/2018 9:05:55 AM

Quant Time: Oct 13 04:54:13 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 12 11:28:43 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 235796   | 51.63 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 118735   | 49.23 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 727117   | 54.90 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 244008   | 52.22 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 256573

Ion Ratio Lower Upper

168 100

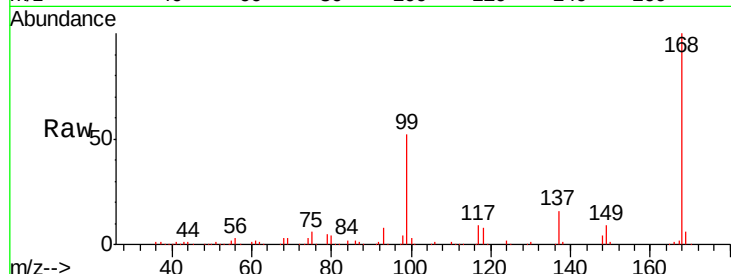
99 52.2 39.9 59.9

Manual Integrations

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10/17/2018 9:05:55 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

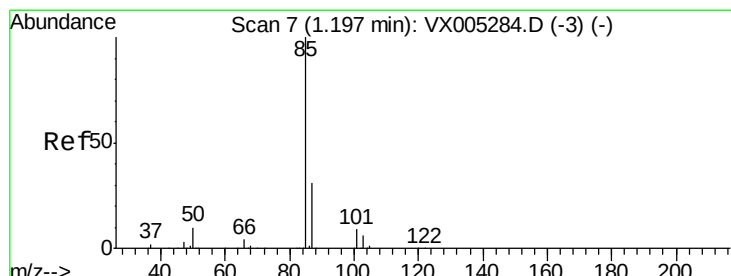
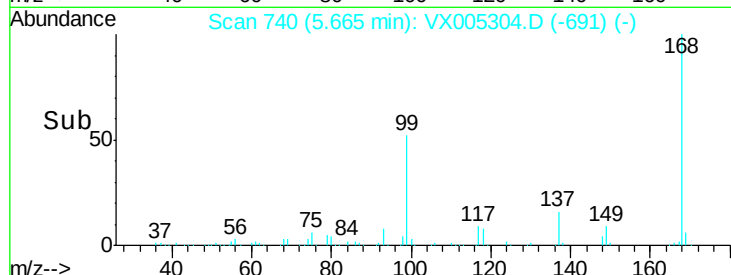
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 56.63 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005304.D

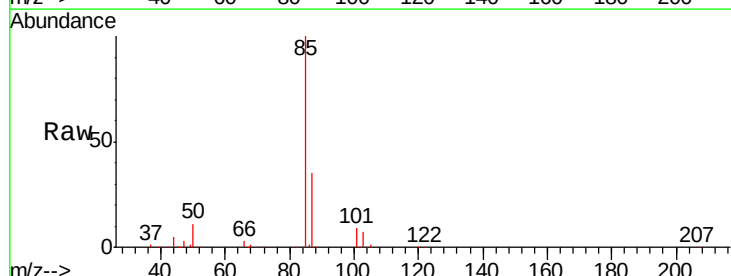
Acq: 12 Oct 2018 20:05

Tgt Ion: 85 Resp: 113603

Ion Ratio Lower Upper

85 100

87 34.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

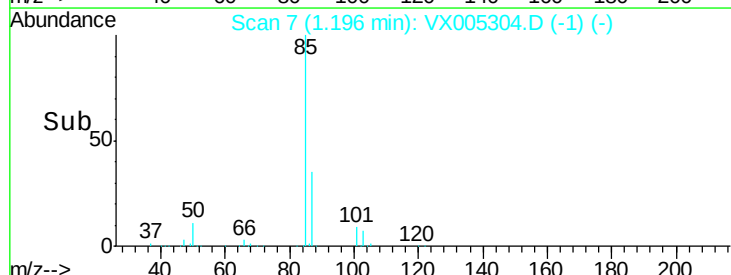
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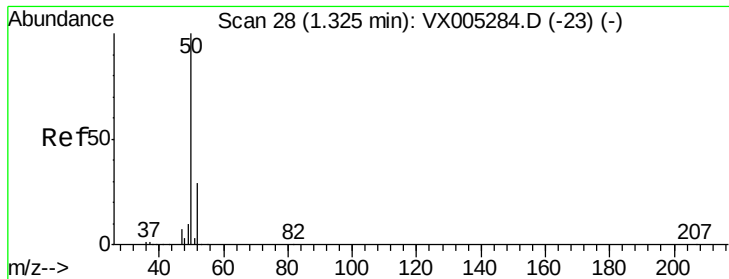
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20000

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Time-->





#3

Chloromethane

Concen: 49.64 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 144285

Ion Ratio Lower Upper

50 100

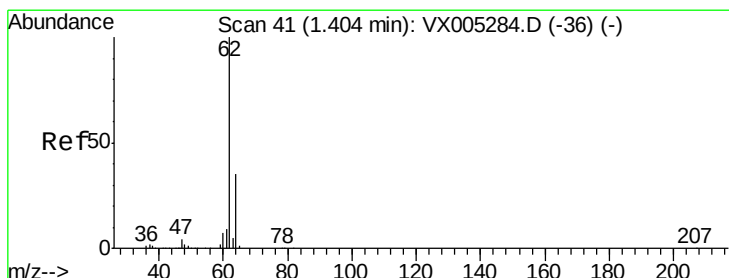
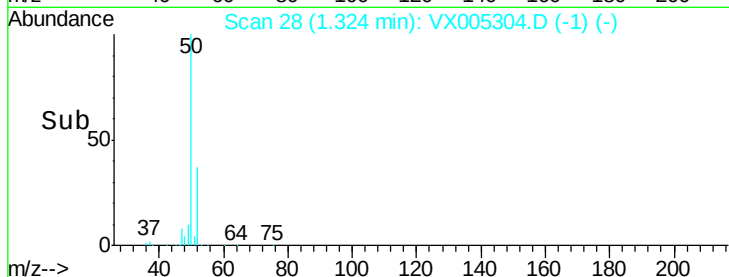
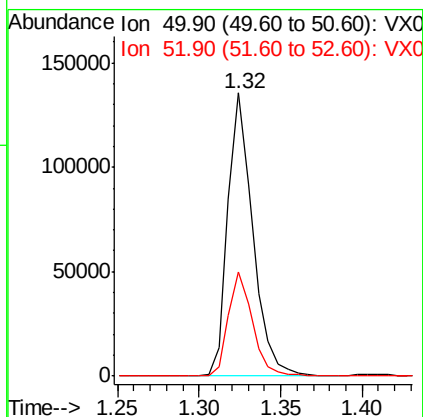
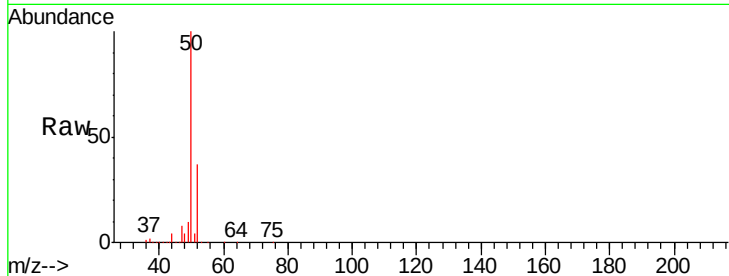
52 36.6 26.2 39.2

Manual Integrations

APPROVED

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10/17/2018 9:05:55 AM



#4

Vinyl Chloride

Concen: 53.33 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005304.D

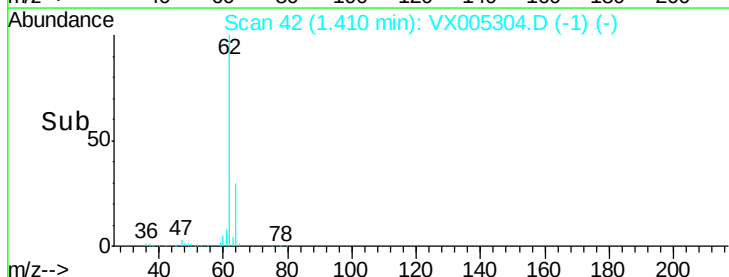
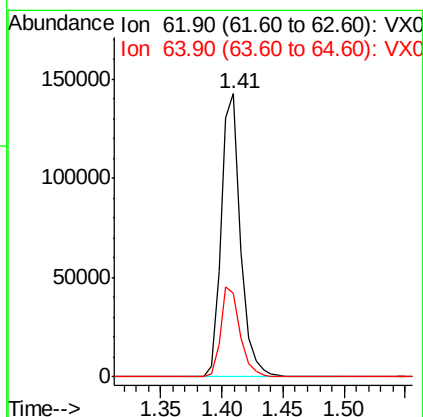
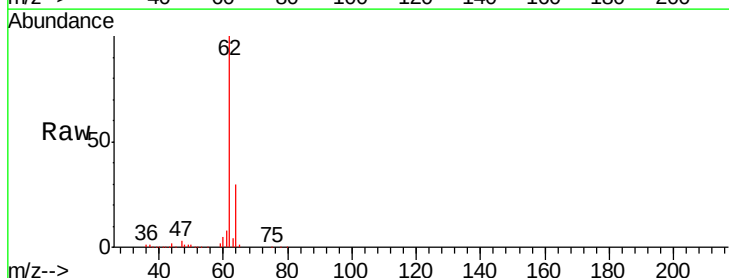
Acq: 12 Oct 2018 20:05

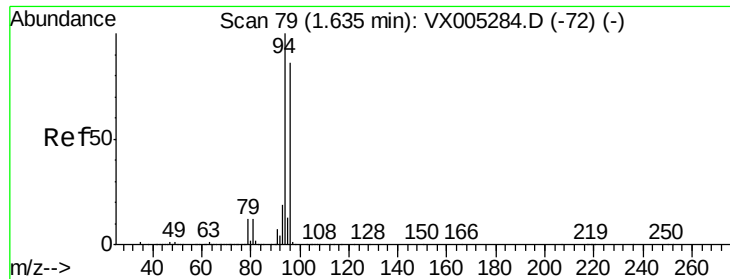
Tgt Ion: 62 Resp: 157032

Ion Ratio Lower Upper

62 100

64 29.6 25.8 38.8





#5

Bromomethane

Concen: 48.35 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 80380

Ion Ratio Lower Upper

94 100

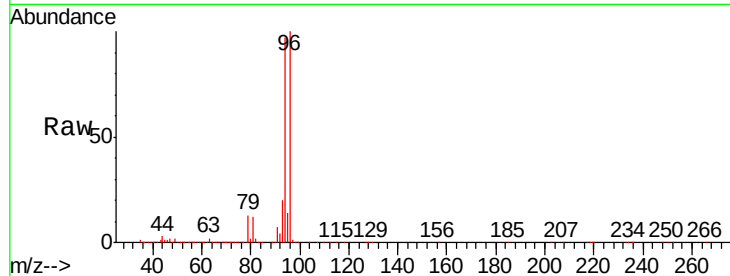
96 103.5 74.5 111.7

Manual Integrations

APPROVED

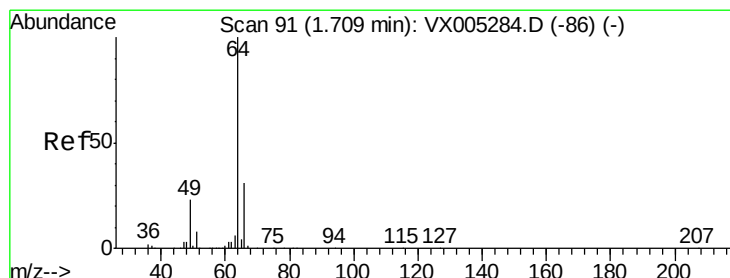
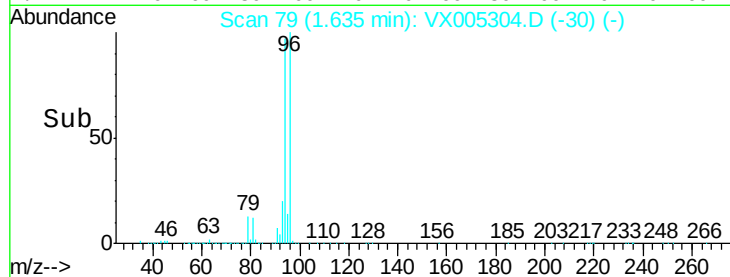
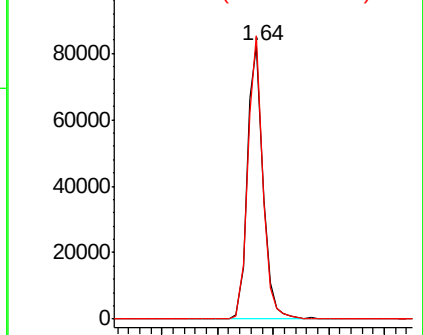
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10/17/2018 9:05:55 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.29 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005304.D

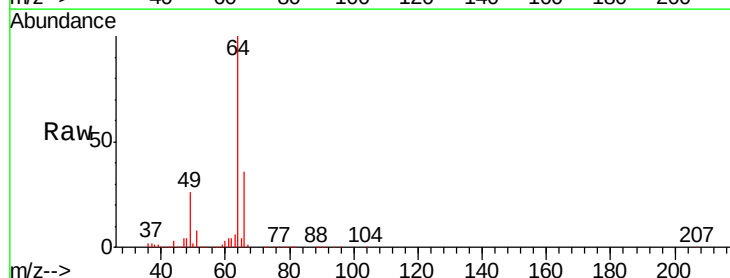
Acq: 12 Oct 2018 20:05

Tgt Ion: 64 Resp: 92102

Ion Ratio Lower Upper

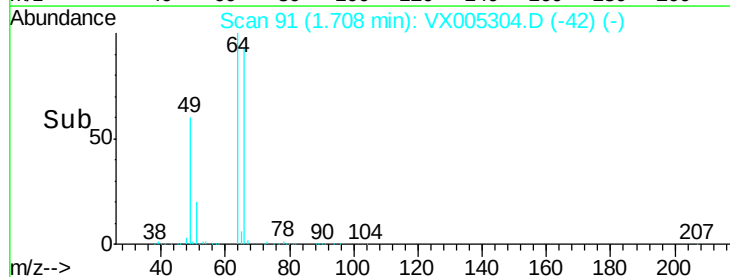
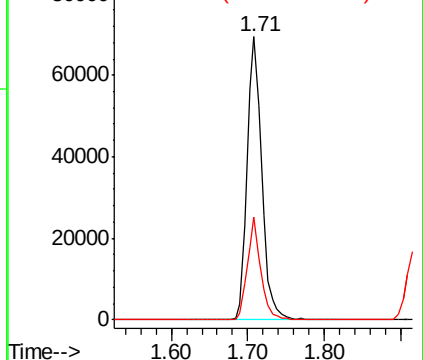
64 100

66 36.2 24.6 36.8

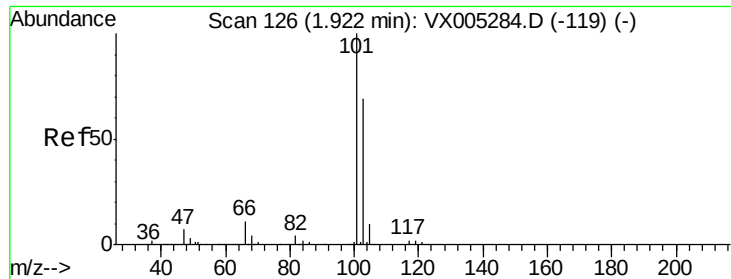


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0







#7

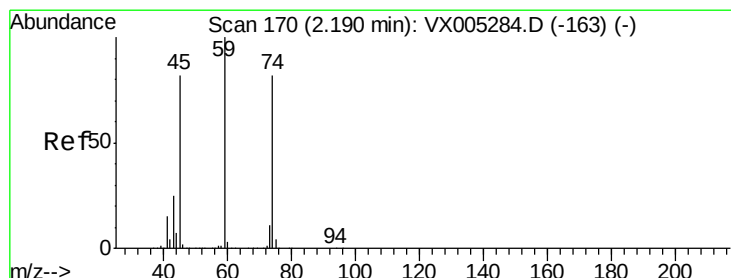
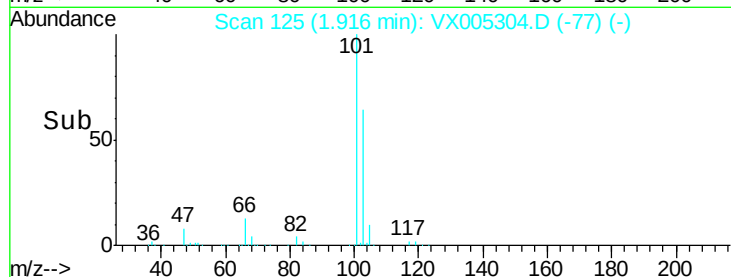
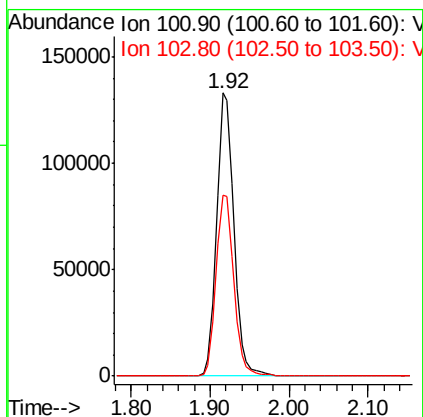
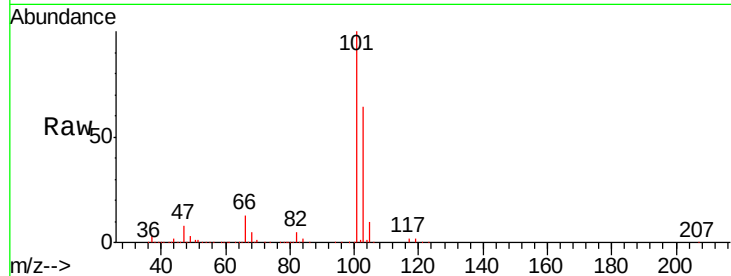
Trichlorofluoromethane  
Concen: 51.81 ug/l  
RT: 1.92 min Scan# 125  
Delta R.T. -0.01 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 203576 |       |       |
| 103     | 64.1  | 48.9   | 73.3  |       |

Manual Integrations  
APPROVED

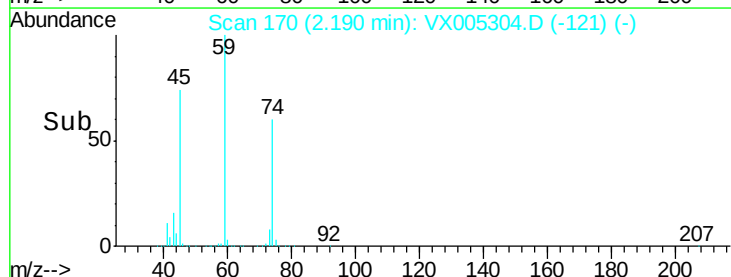
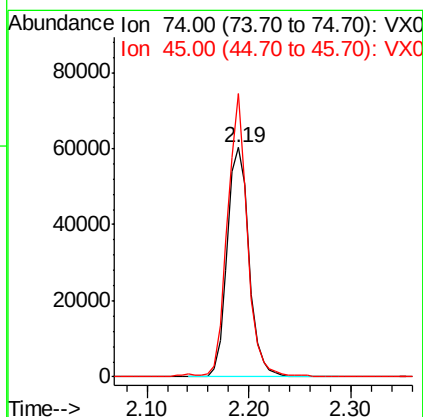
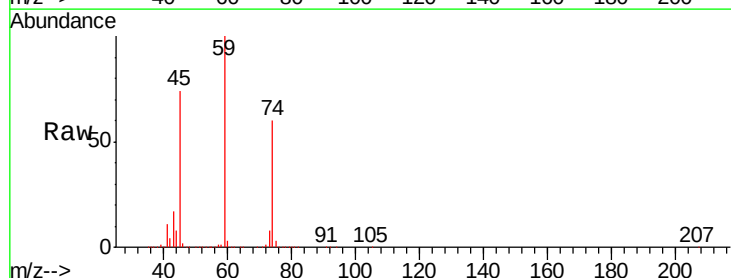
MMDadoda  
10/17/2018 9:05:55 AM



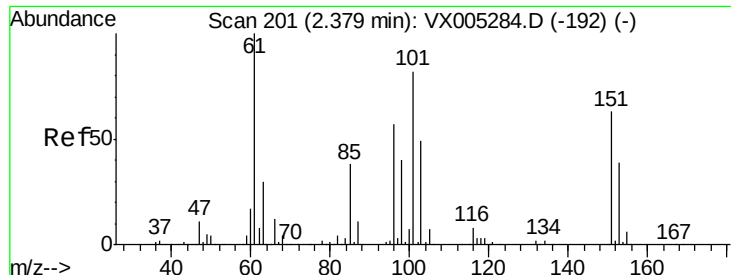
#8

Diethyl Ether  
Concen: 53.12 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 89138 |       |       |
| 45      | 110.9 | 48.3  | 144.8 |       |







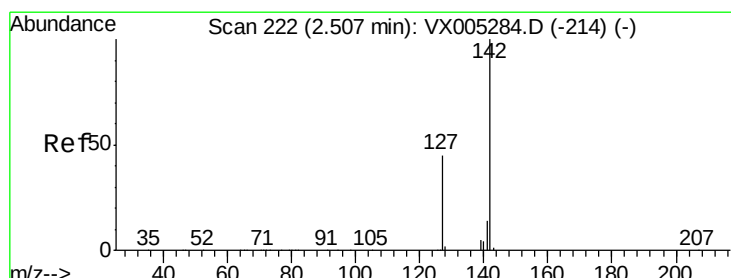
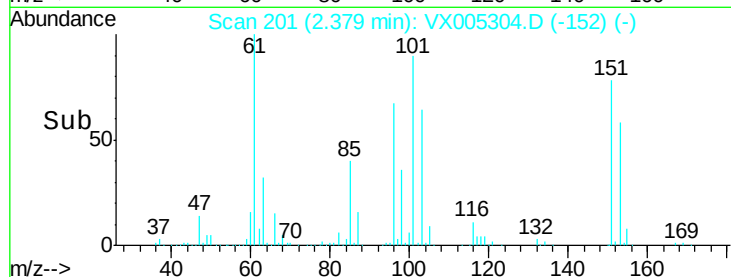
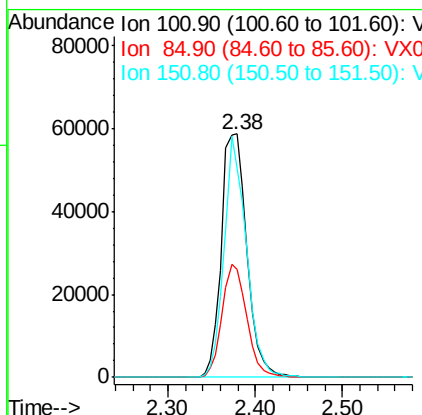
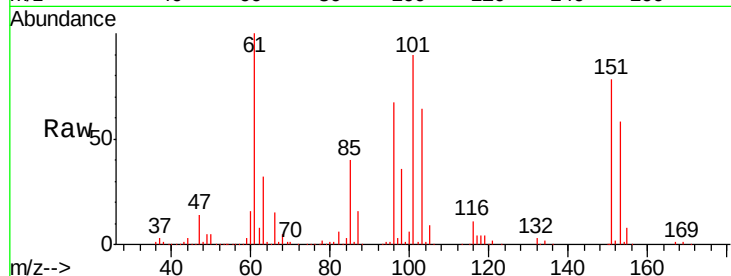
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.44 ug/l  
RT: 2.38 min Scan# 201  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 118927 |       |       |
| 85      | 45.1  | 34.2   | 51.4  |       |
| 151     | 86.7  | 65.0   | 97.6  |       |

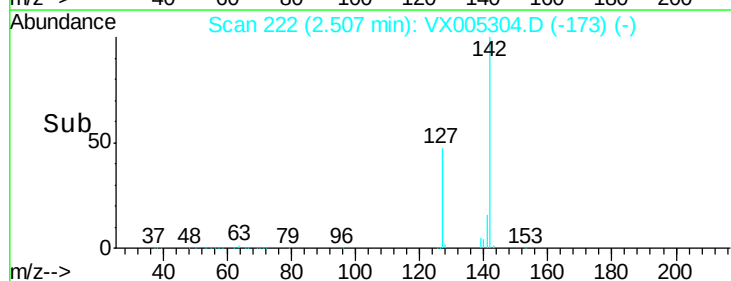
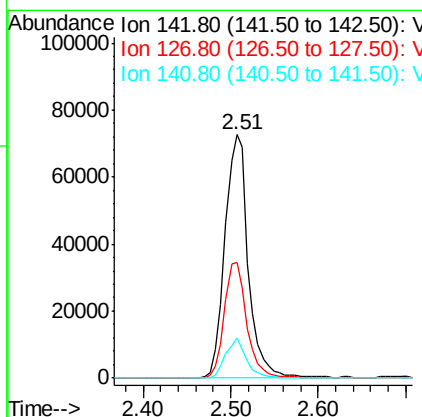
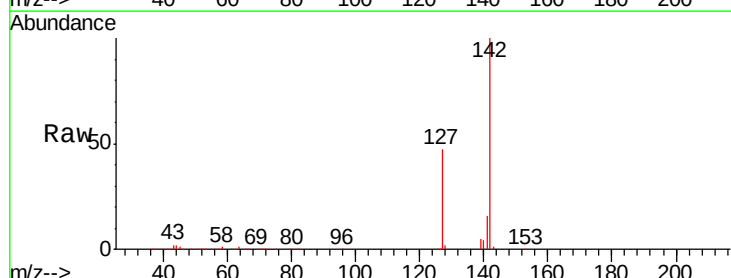
Manual Integrations  
APPROVED

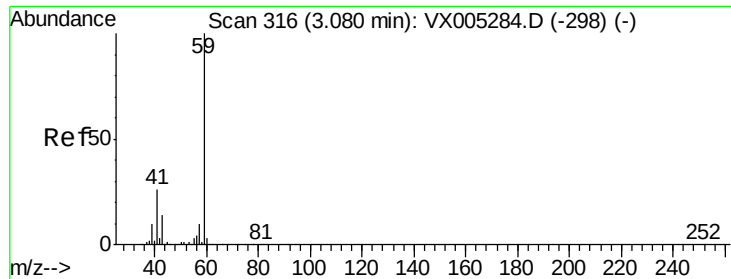
MMDadoda  
10/17/2018 9:05:55 AM



#10  
Methyl Iodide  
Concen: 53.85 ug/l  
RT: 2.51 min Scan# 222  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 134409 |       |       |
| 127     | 45.9  | 33.8   | 50.6  |       |
| 141     | 14.8  | 11.4   | 17.0  |       |





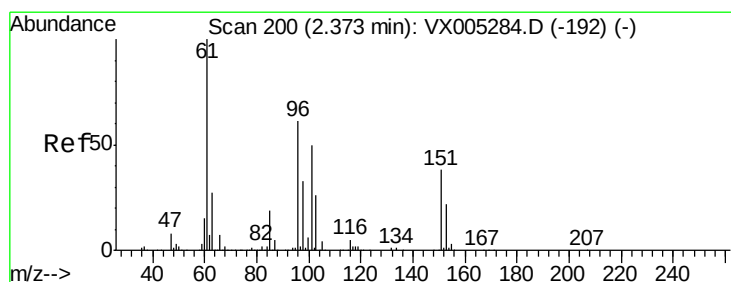
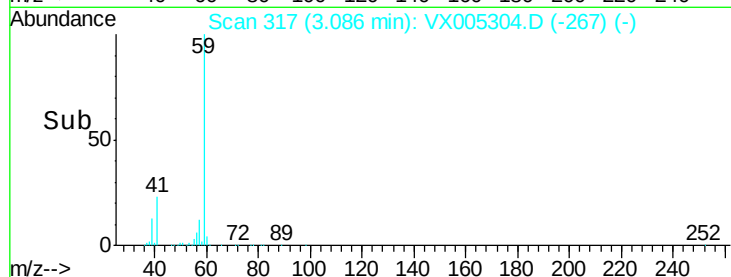
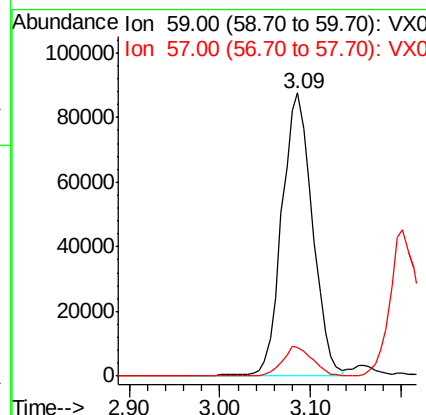
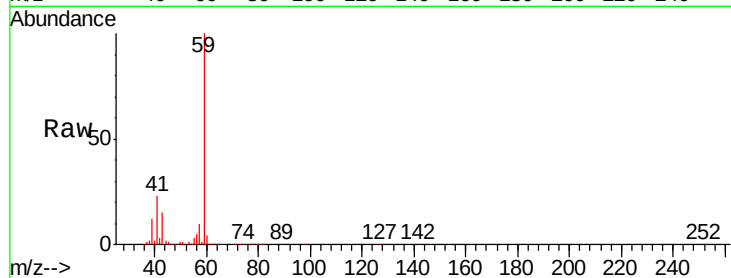
#11  
Tert butyl alcohol  
Concen: 255.47 ug/l  
RT: 3.09 min Scan# 317  
Delta R.T. 0.01 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 59 Resp: 205207  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.2 12.4

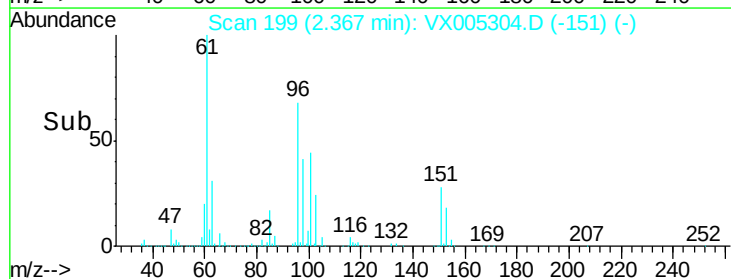
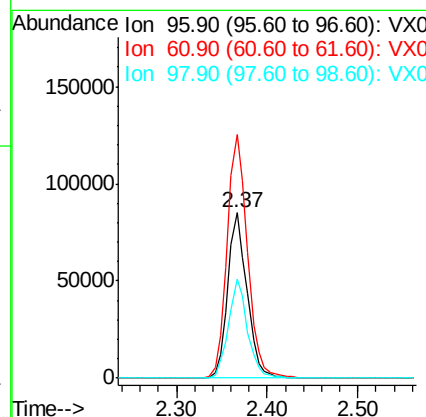
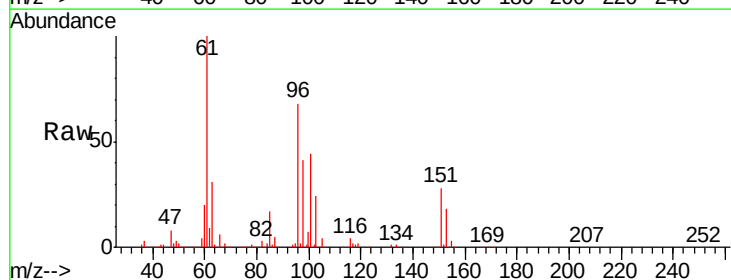
Manual Integrations  
APPROVED

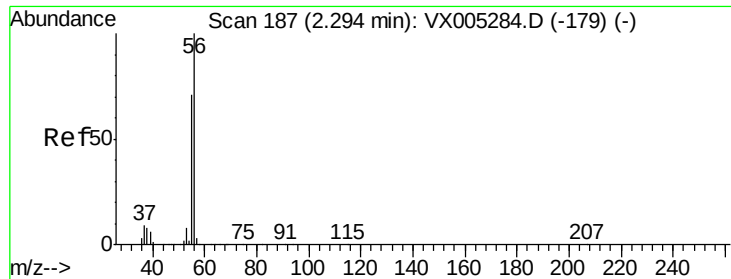
MMDadoda  
10/17/2018 9:05:55 AM



#12  
1,1-Dichloroethene  
Concen: 56.29 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. -0.01 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Tgt Ion: 96 Resp: 126487  
Ion Ratio Lower Upper  
96 100  
61 147.3 128.8 193.2  
98 59.7 52.2 78.2





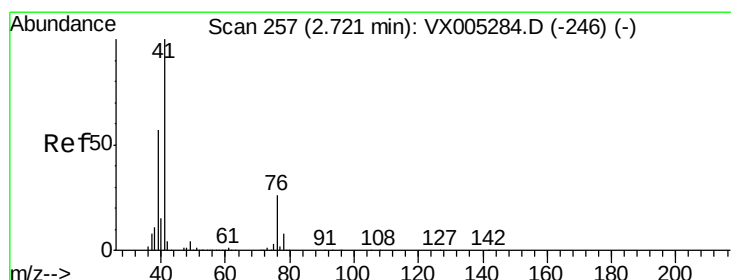
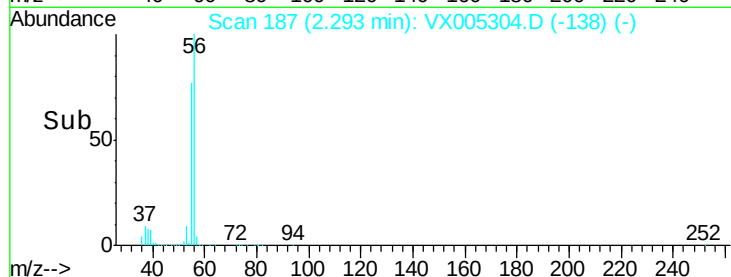
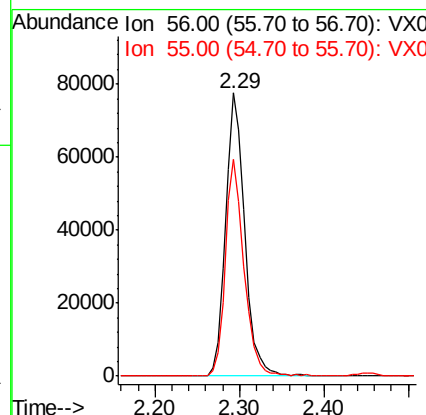
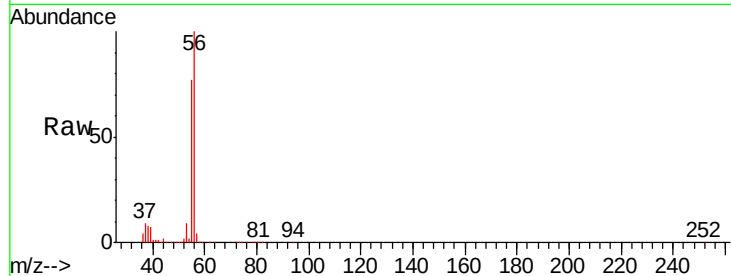
#13  
Acrolein  
Concen: 237.99 ug/l  
RT: 2.29 min Scan# 187  
Delta R.T. 0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 74.0  | 54.7  | 82.1  |

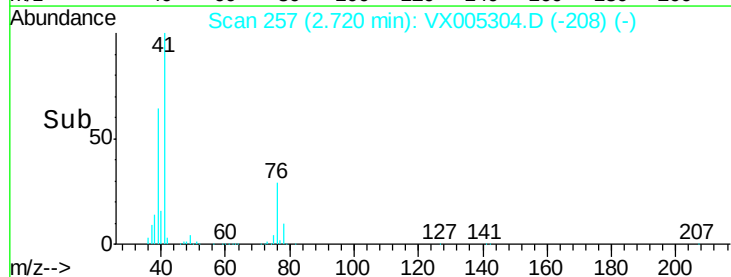
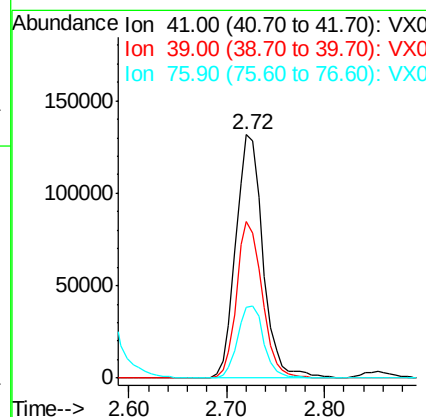
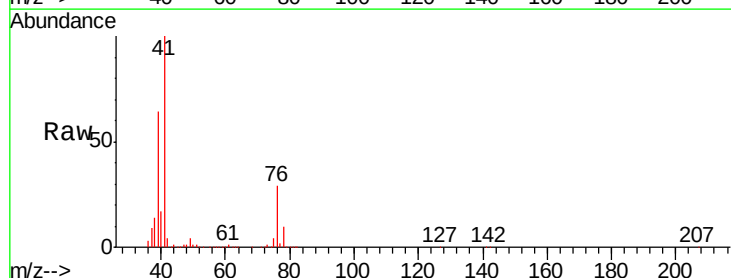
Manual Integrations  
APPROVED

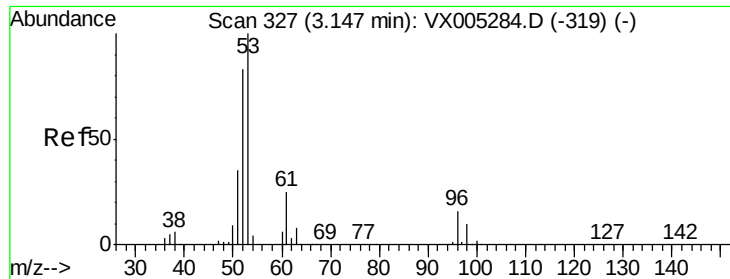
MMDadoda  
10/17/2018 9:05:55 AM



#14  
Allyl chloride  
Concen: 51.39 ug/l  
RT: 2.72 min Scan# 257  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 60.8  | 48.9  | 73.3  |
| 76      | 28.7  | 26.7  | 40.1  |





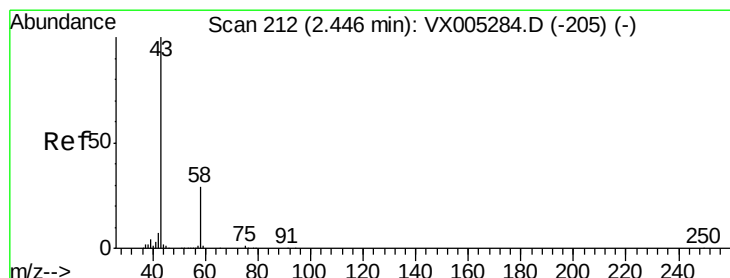
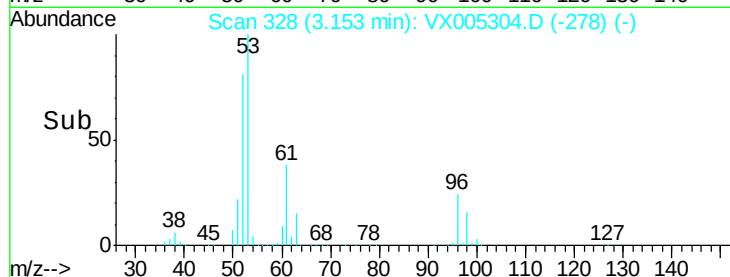
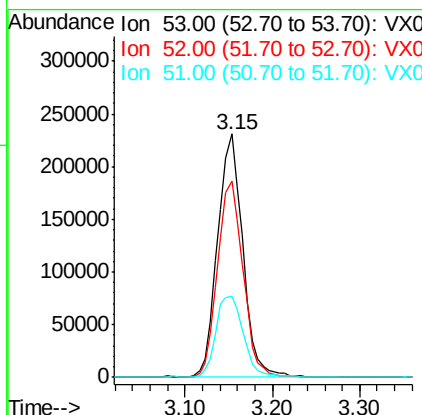
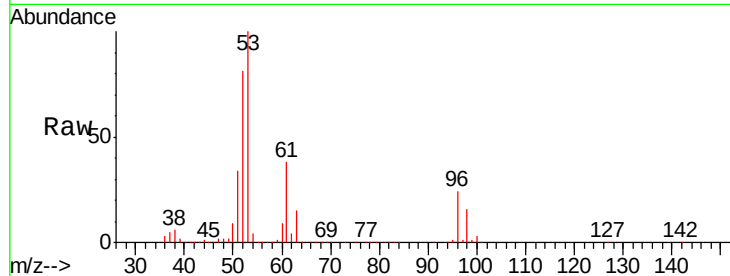
#15  
 Acrylonitrile  
 Concen: 252.67 ug/l  
 RT: 3.15 min Scan# 328  
 Delta R.T. 0.01 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.2  | 65.2  | 97.8  |
| 51      | 36.6  | 28.2  | 42.2  |

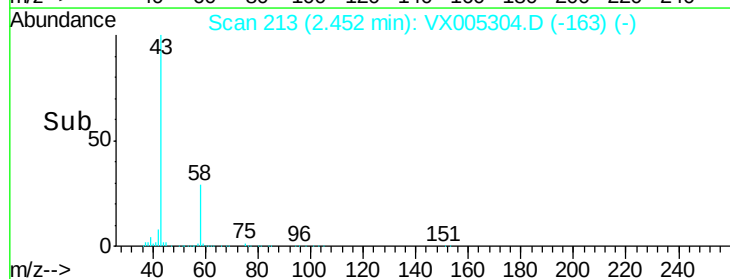
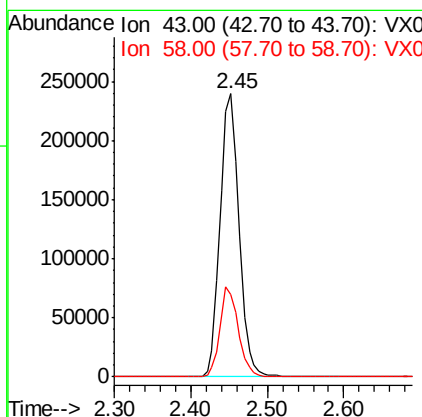
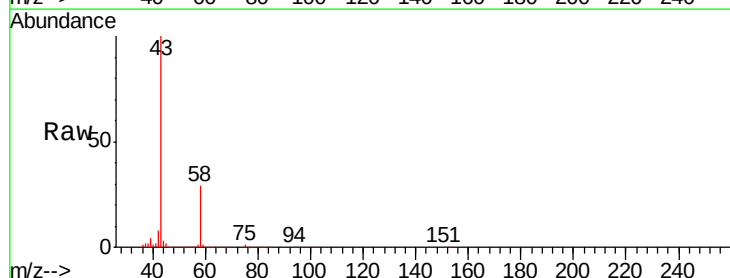
Manual Integrations  
 APPROVED

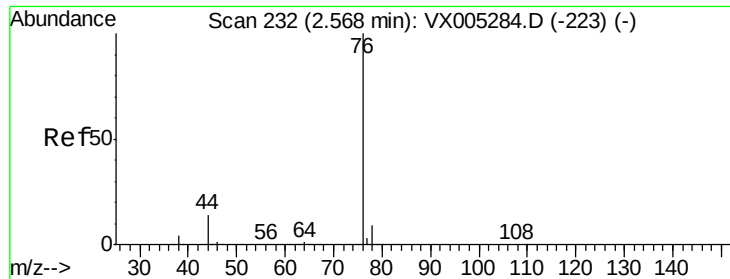
MMDadoda  
 10/17/2018 9:05:55 AM



#16  
 Acetone  
 Concen: 249.81 ug/l  
 RT: 2.45 min Scan# 213  
 Delta R.T. 0.01 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 29.2  | 26.2  | 39.4  |





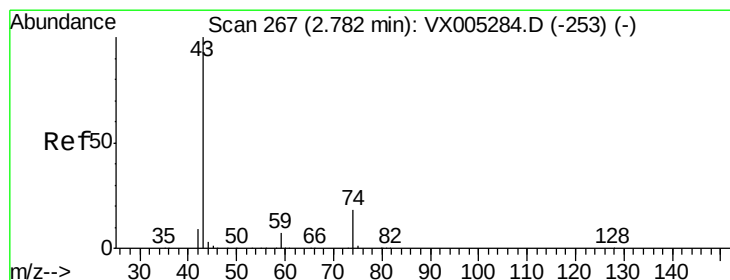
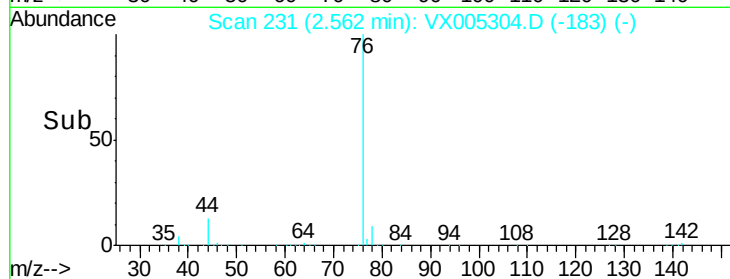
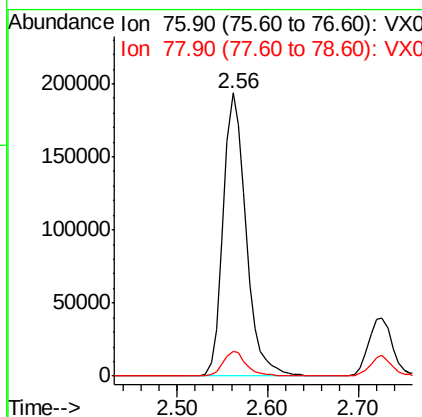
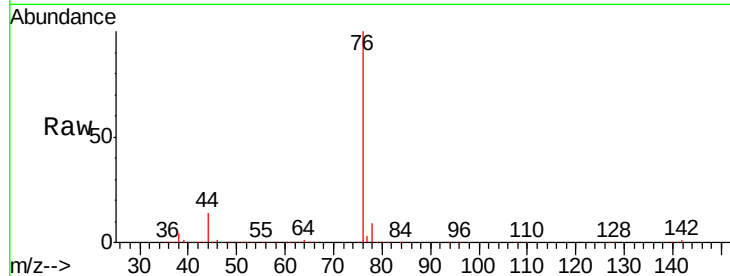
#17  
Carbon Disulfide  
Concen: 50.07 ug/l  
RT: 2.56 min Scan# 231  
Delta R.T. -0.01 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 76 Resp: 340865  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.0 10.6

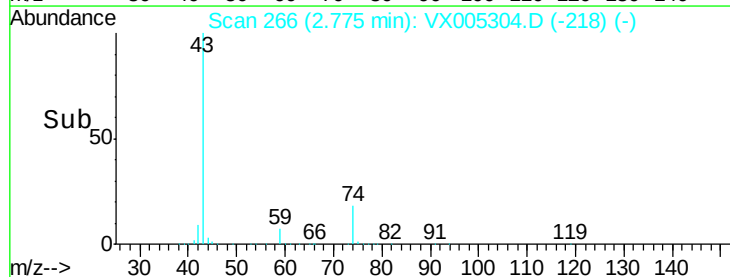
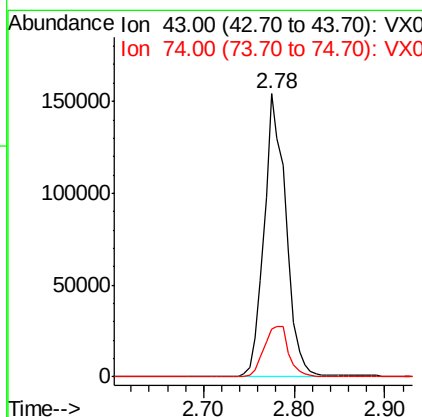
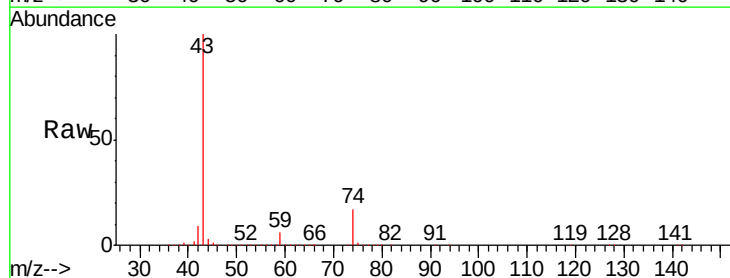
Manual Integrations  
APPROVED

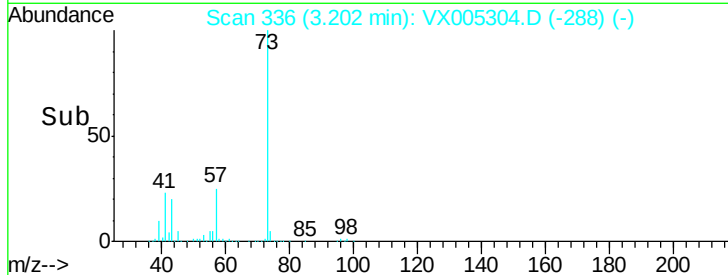
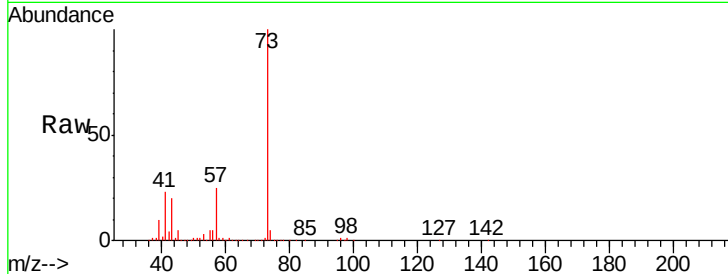
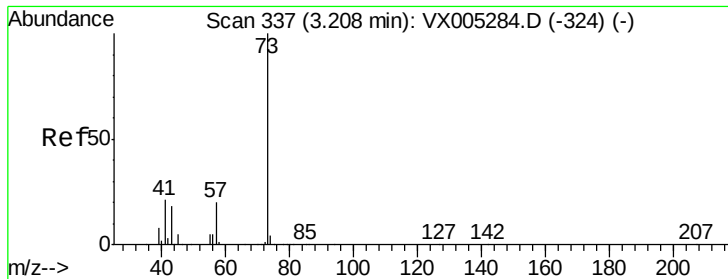
MMDadoda  
10/17/2018 9:05:55 AM



#18  
Methyl Acetate  
Concen: 54.90 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Tgt Ion: 43 Resp: 257147  
Ion Ratio Lower Upper  
43 100  
74 20.3 19.4 29.2





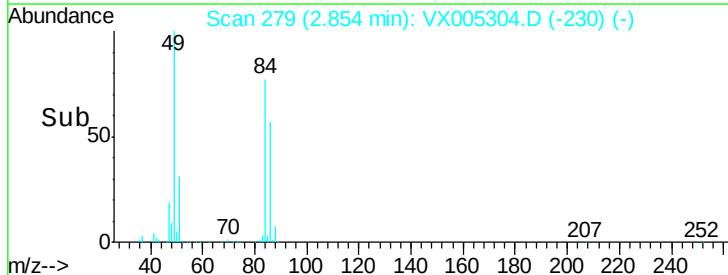
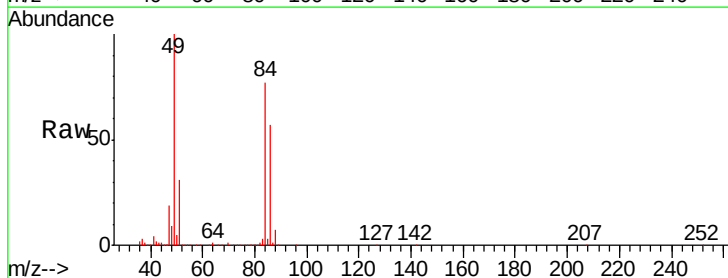
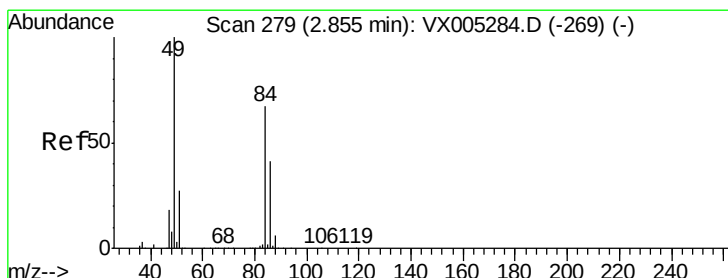
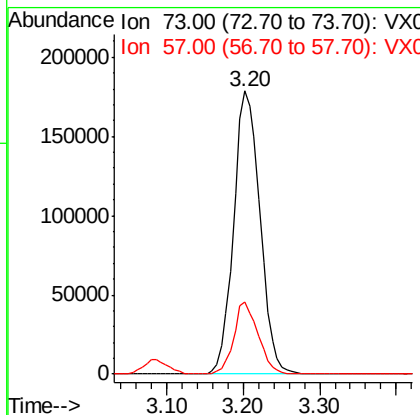
#19  
Methyl tert-butyl Ether  
Concen: 53.77 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.01 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Tgt Ion: 73 Resp: 425558  
Ion Ratio Lower Upper  
73 100  
57 25.4 17.1 25.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

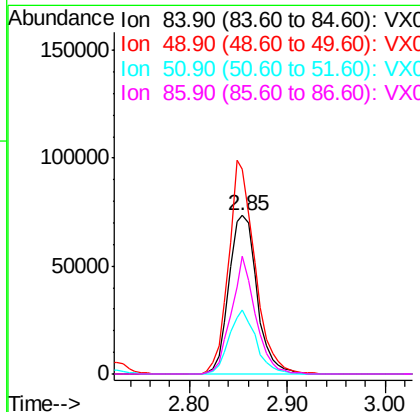
Manual Integrations  
APPROVED

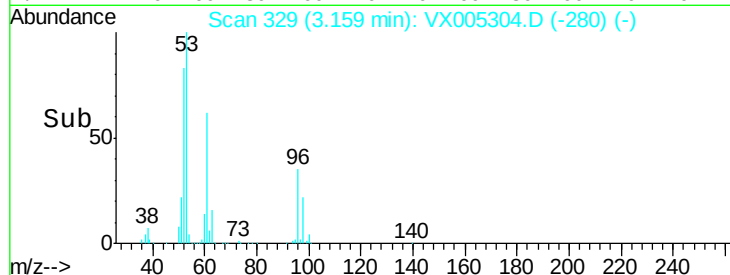
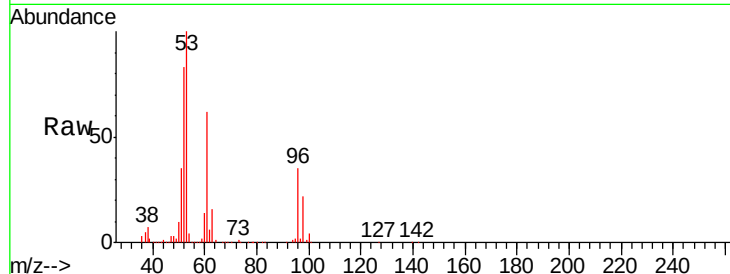
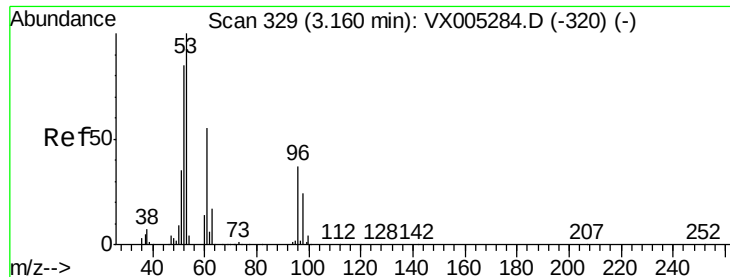
MMDadoda  
10/17/2018 9:05:55 AM



#20  
Methylene Chloride  
Concen: 61.15 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Tgt Ion: 84 Resp: 145995  
Ion Ratio Lower Upper  
84 100  
49 129.7 101.2 151.8  
51 40.6 29.5 44.3  
86 74.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 49.47 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005304.D

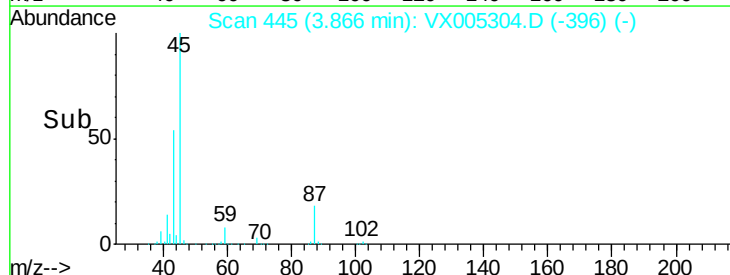
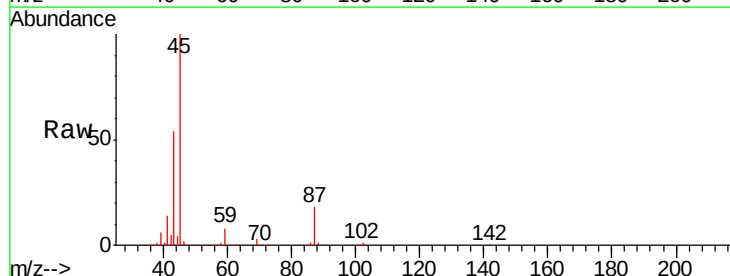
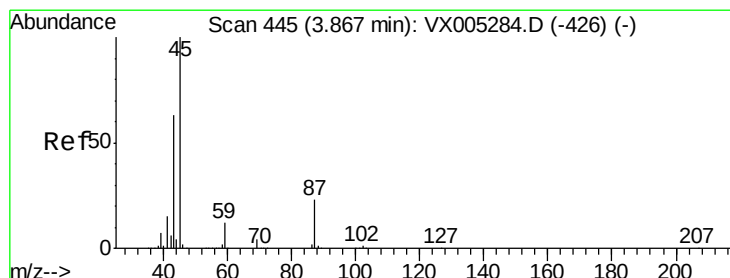
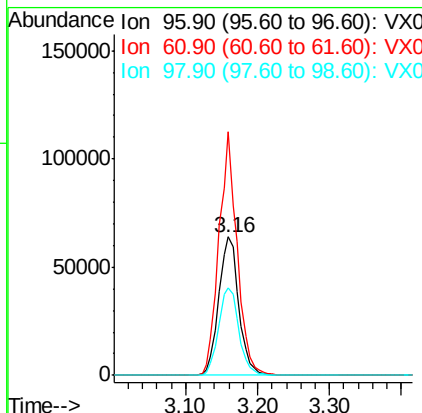
Acq: 12 Oct 2018 20:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 123205 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 175.7 | 113.8 | 170.6# |
| 98        | 63.5  | 51.8  | 77.8   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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#22

Diisopropyl ether

Concen: 57.80 ug/l

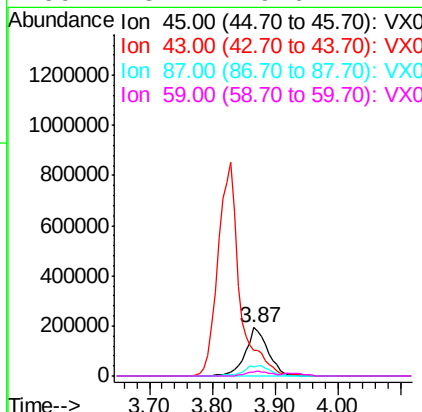
RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

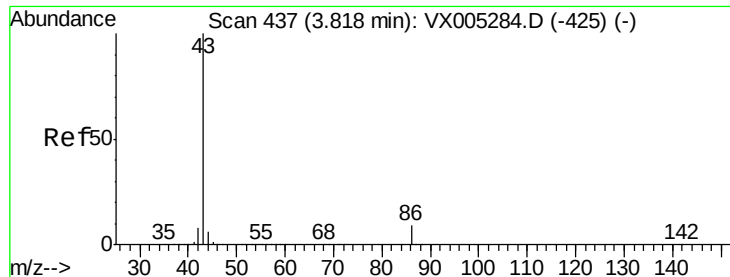
Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 478960 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 53.9  | 42.8  | 64.2   |
| 87        | 18.0  | 22.6  | 34.0#  |
| 59        | 8.2   | 9.6   | 14.4#  |







#23

Vinyl Acetate

Concen: 282.49 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2046068

Ion Ratio Lower Upper

43 100

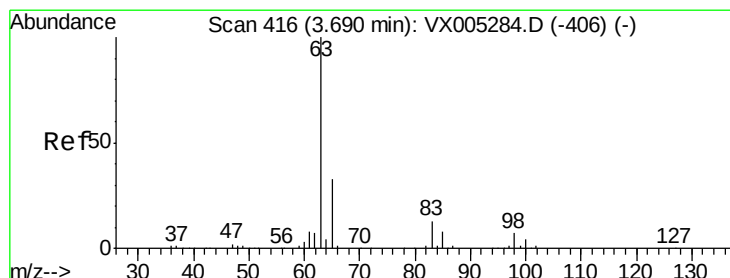
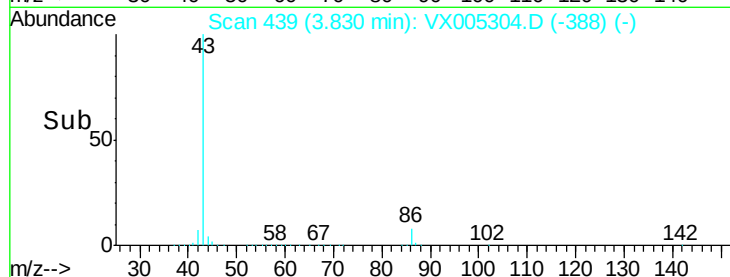
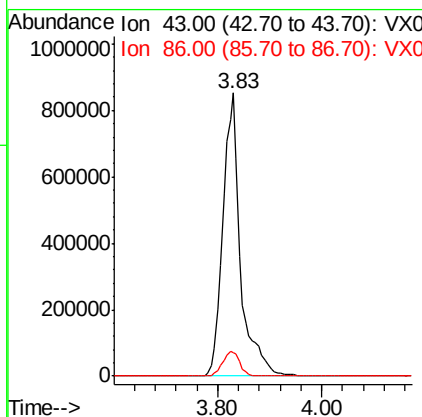
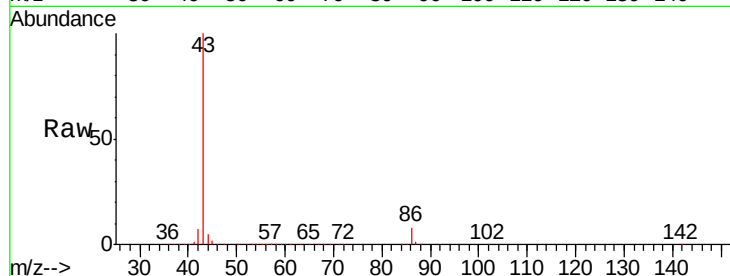
86 8.3 8.9 13.3#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 56.43 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

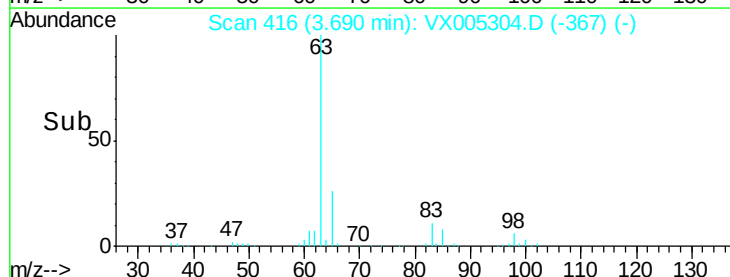
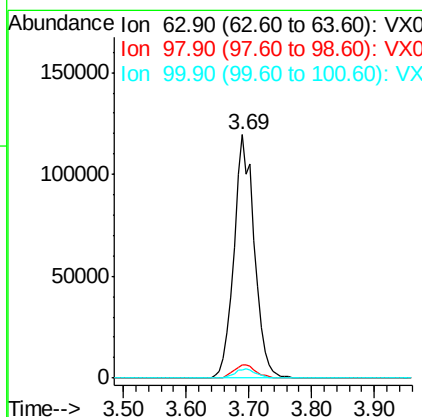
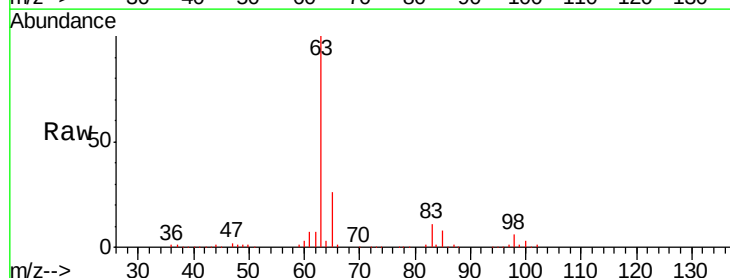
Tgt Ion: 63 Resp: 268003

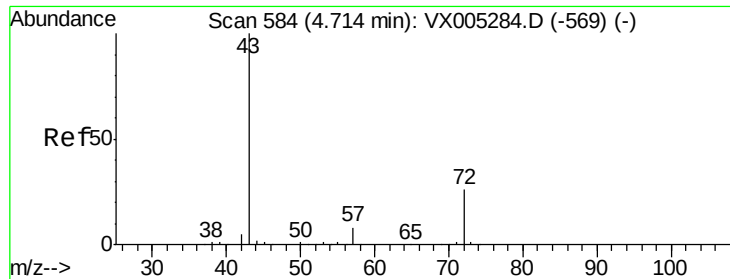
Ion Ratio Lower Upper

63 100

98 5.6 3.5 10.4

100 3.3 2.4 7.1





#25

2-Butanone

Concen: 279.42 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 673101

Ion Ratio Lower Upper

43 100

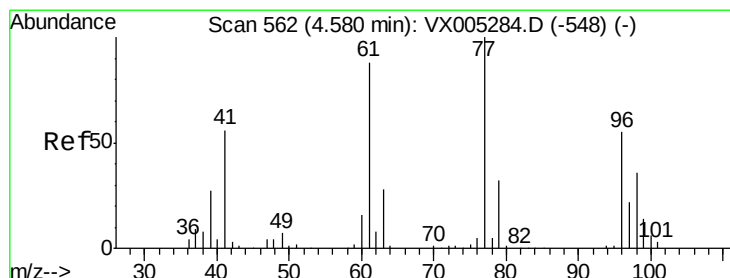
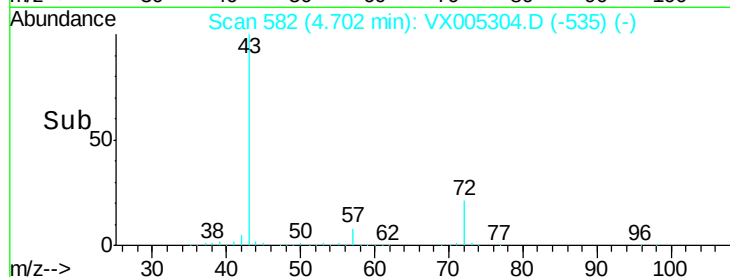
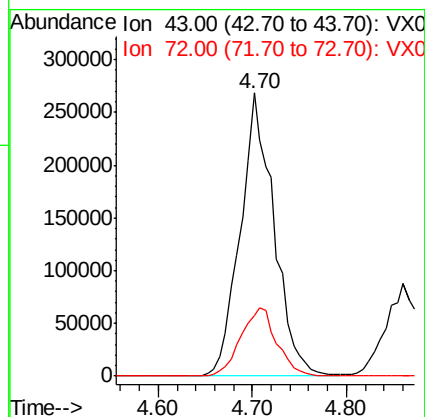
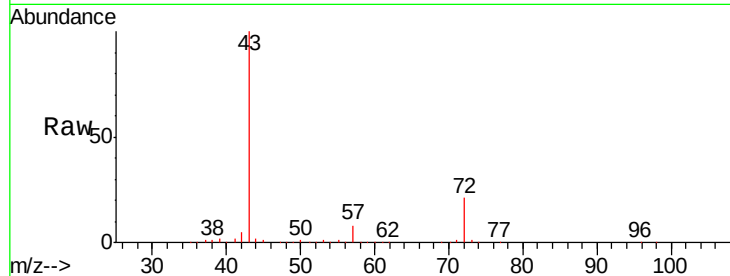
72 21.4 22.0 33.0#

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#26

2,2-Dichloropropane

Concen: 51.50 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005304.D

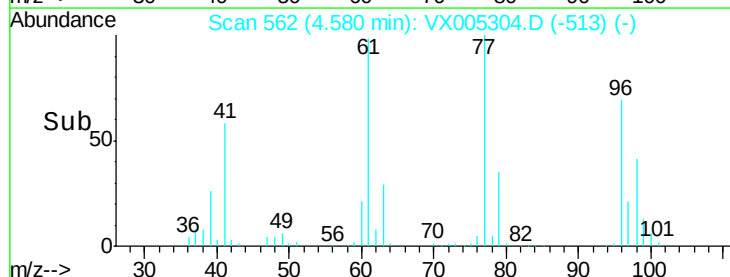
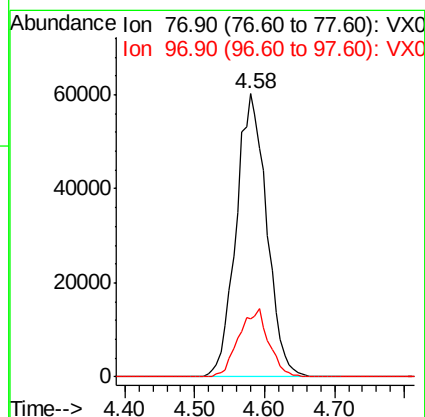
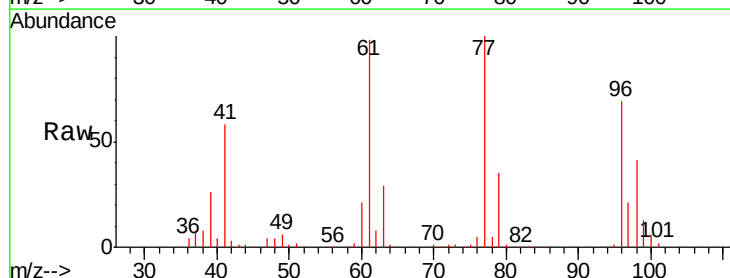
Acq: 12 Oct 2018 20:05

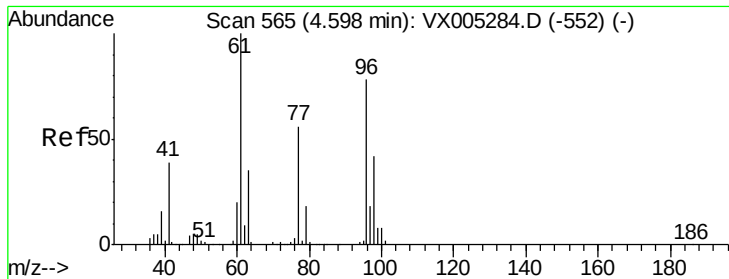
Tgt Ion: 77 Resp: 182925

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 55.72 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

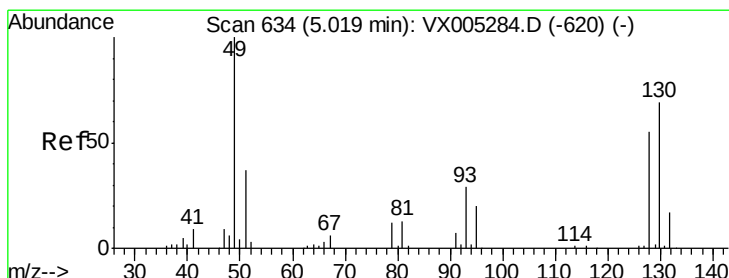
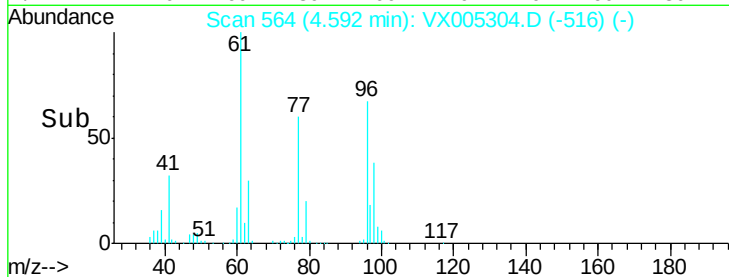
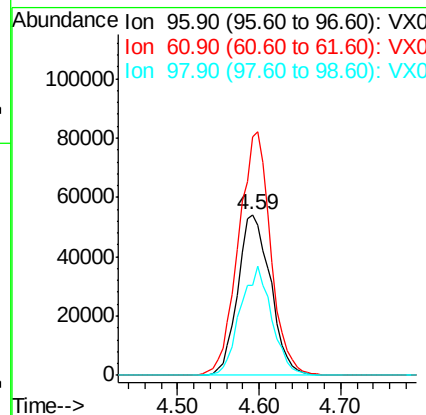
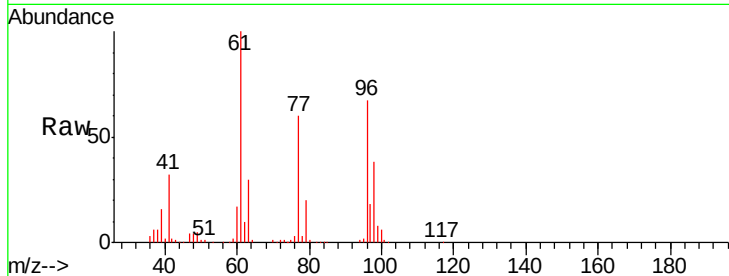
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 150804 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 149.2 | 0.0   | 282.6  |
| 98       | 65.4  | 0.0   | 130.2  |

Manual Integrations  
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#28

Bromochloromethane

Concen: 52.57 ug/l

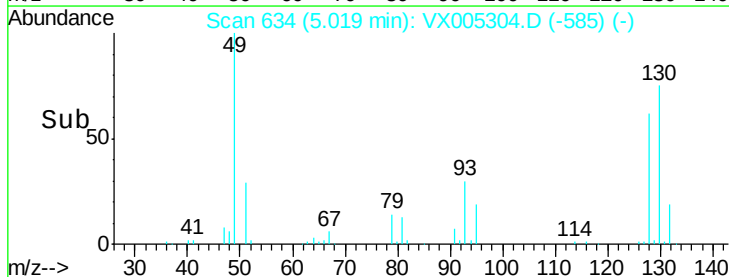
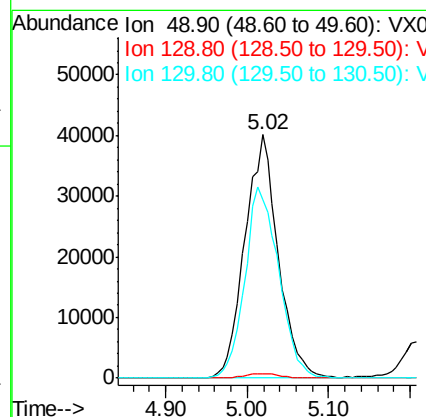
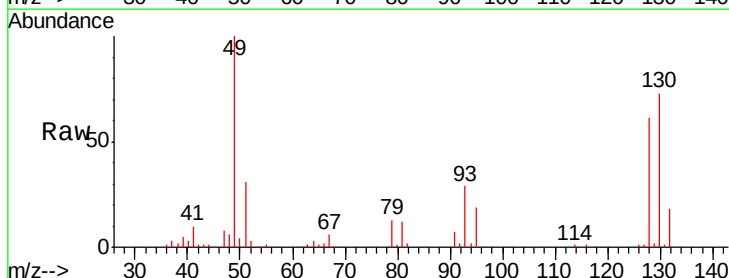
RT: 5.02 min Scan# 634

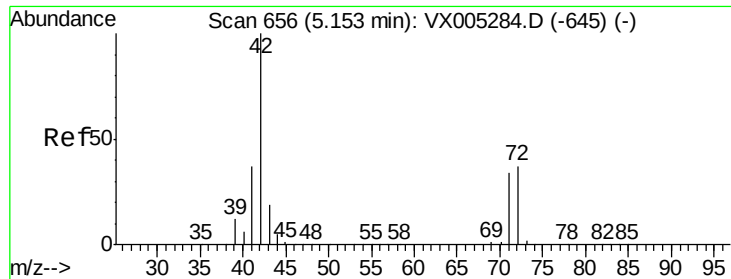
Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 113812 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 2.1   | 0.0   | 4.2    |
| 130      | 79.7  | 67.5  | 101.3  |





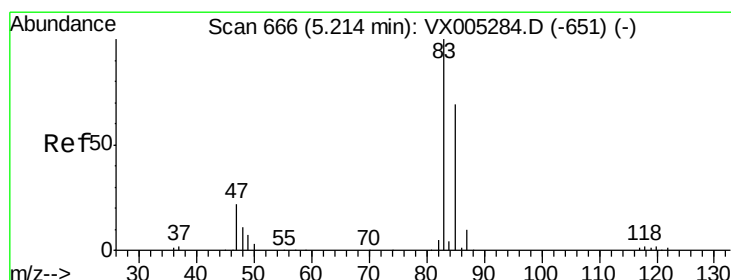
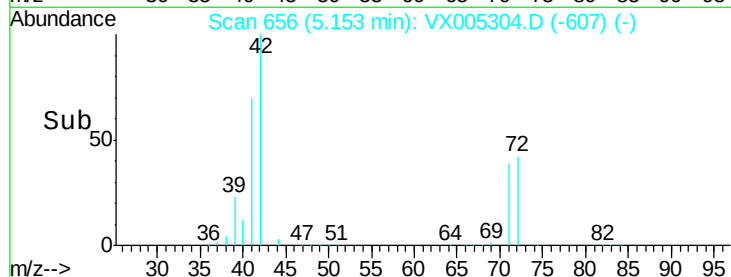
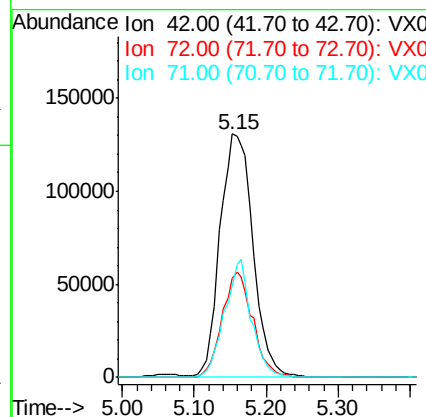
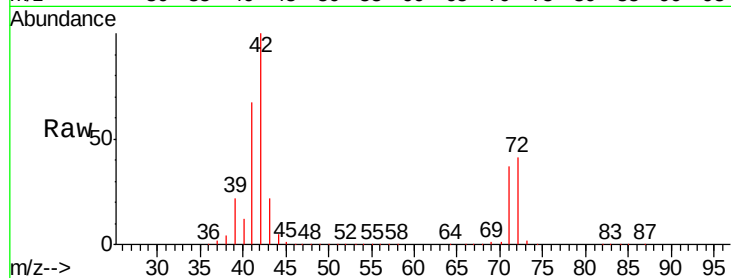
#29  
Tetrahydrofuran  
Concen: 268.74 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.4  | 37.4  | 56.0  |
| 71      | 39.9  | 34.5  | 51.7  |

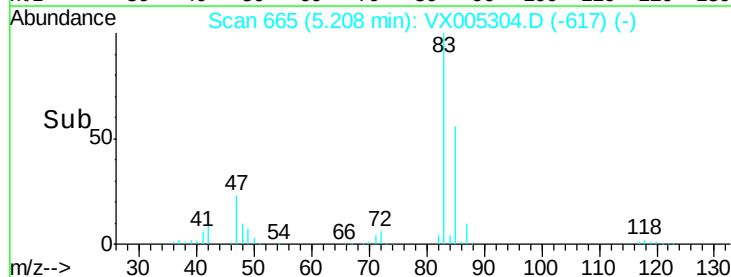
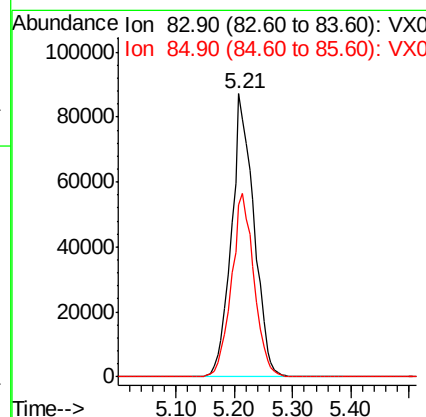
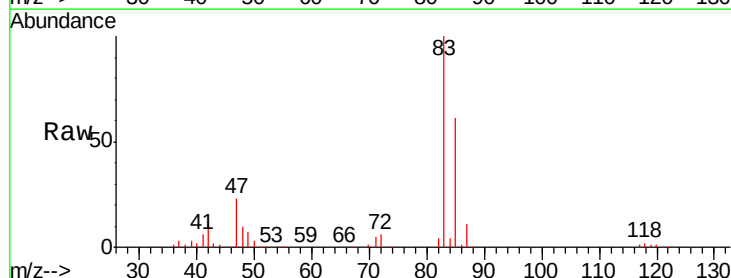
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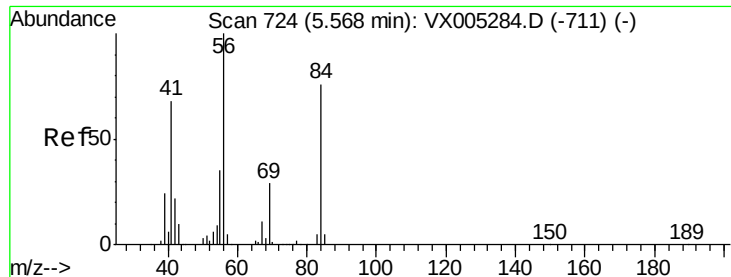
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#30  
Chloroform  
Concen: 53.15 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 60.8  | 52.6  | 79.0  |





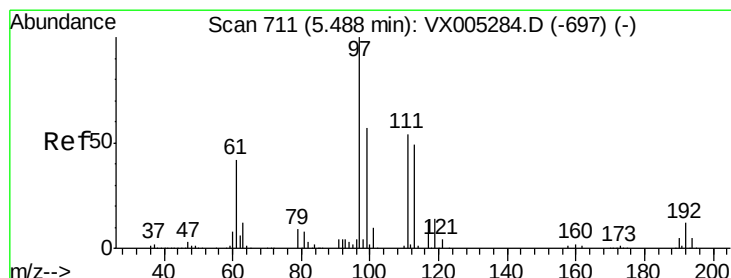
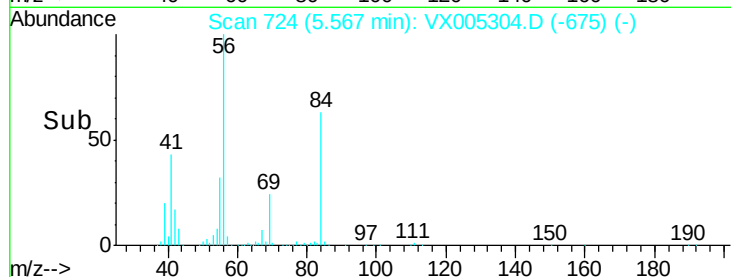
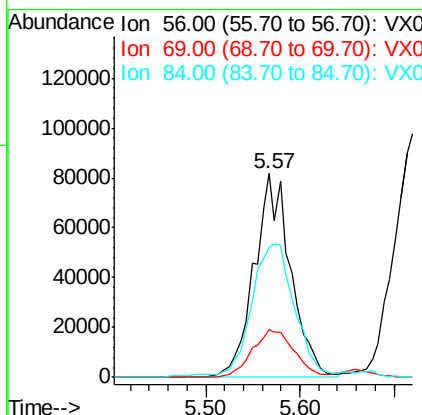
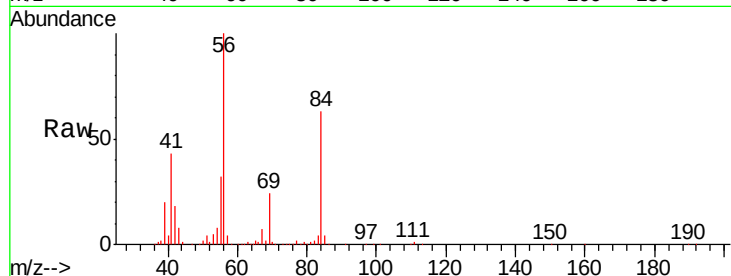
#31  
Cyclohexane  
Concen: 56.69 ug/l  
RT: 5.57 min Scan# 724  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 56      | 100   |       |        |
| 69      | 23.6  | 25.4  | 38.2#  |
| 84      | 62.4  | 71.4  | 107.2# |

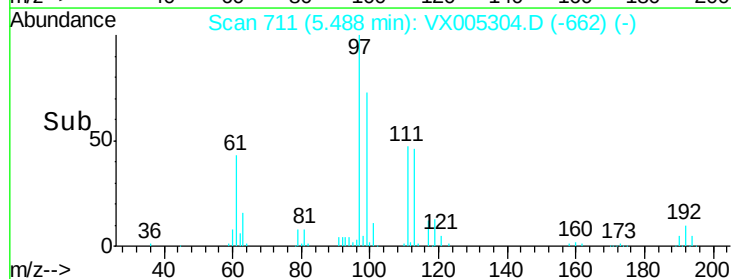
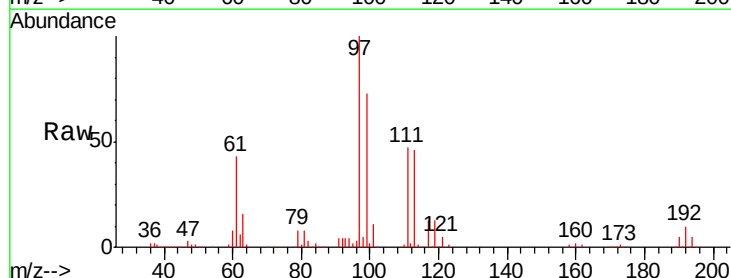
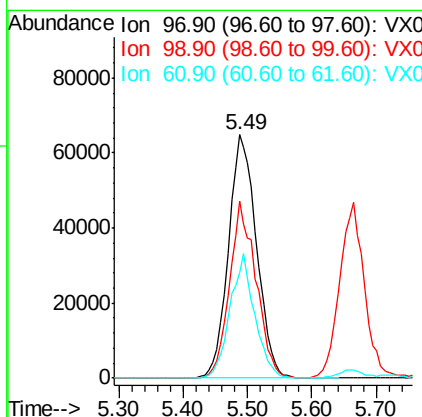
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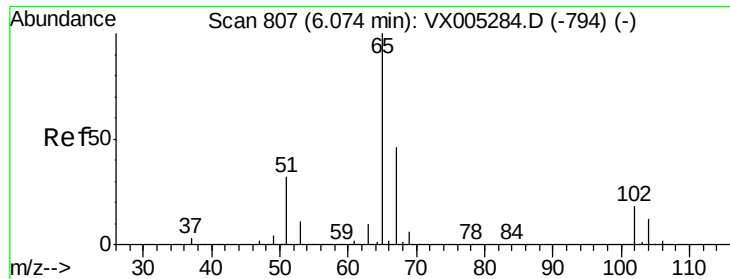
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#32  
1,1,1-Trichloroethane  
Concen: 51.43 ug/l  
RT: 5.49 min Scan# 711  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 68.5  | 52.0  | 78.0  |
| 61      | 45.2  | 34.9  | 52.3  |





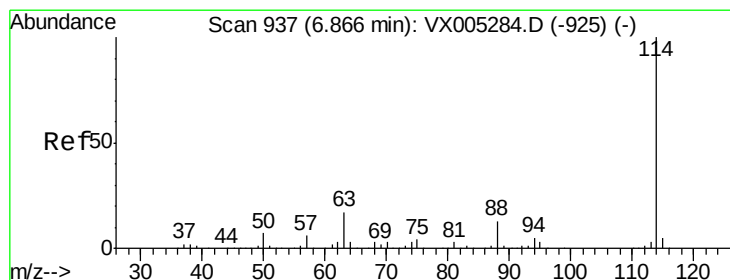
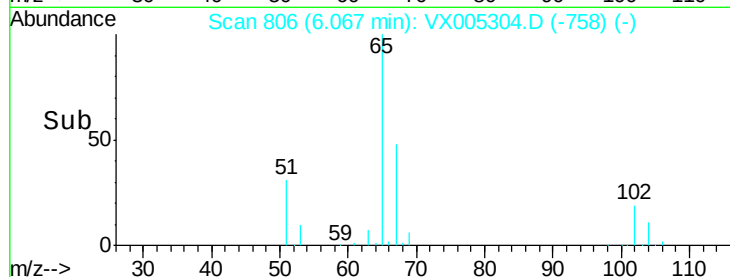
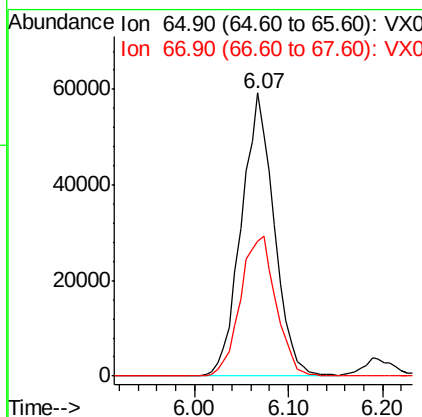
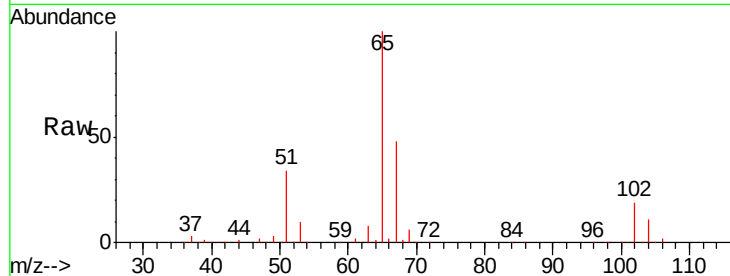
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.57 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.01 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 65 Resp: 143988  
 Ion Ratio Lower Upper  
 65 100  
 67 53.8 0.0 106.8

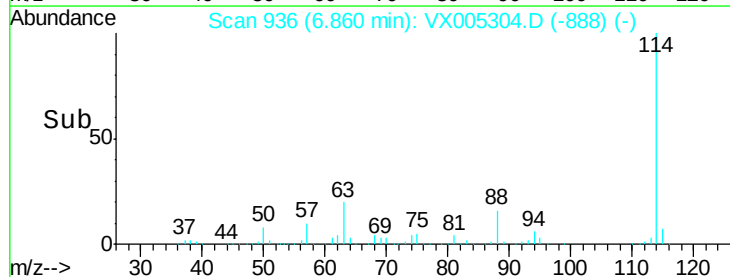
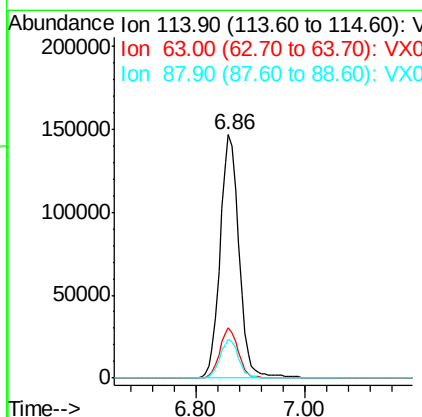
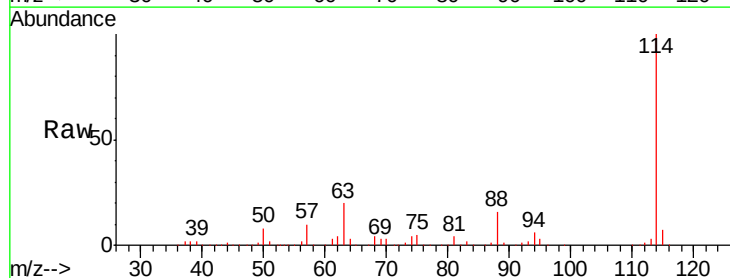
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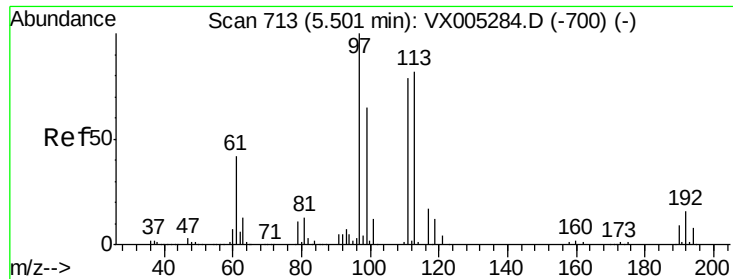
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.01 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Tgt Ion: 114 Resp: 354063  
 Ion Ratio Lower Upper  
 114 100  
 63 20.5 0.0 39.0  
 88 16.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.58 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

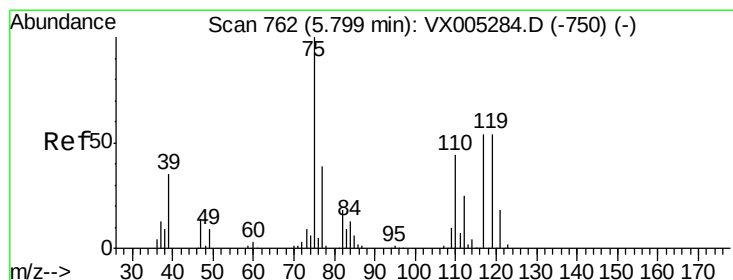
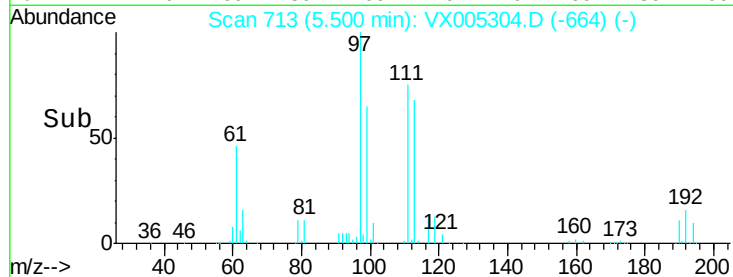
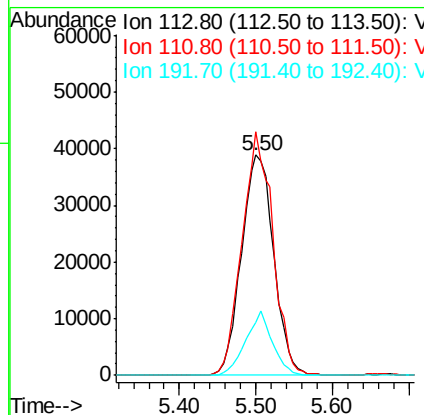
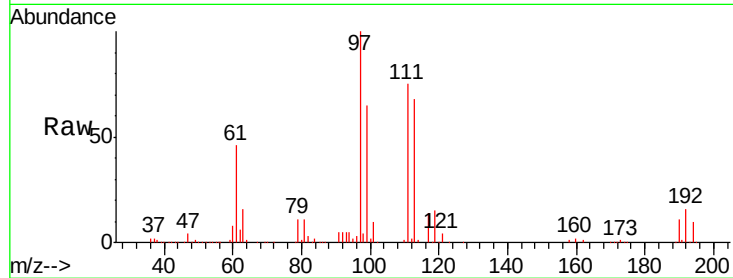
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 113915 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 105.2 | 82.4  | 123.6  |
| 192       | 24.0  | 19.4  | 29.2   |

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#36

1,1-Dichloropropene

Concen: 52.13 ug/l

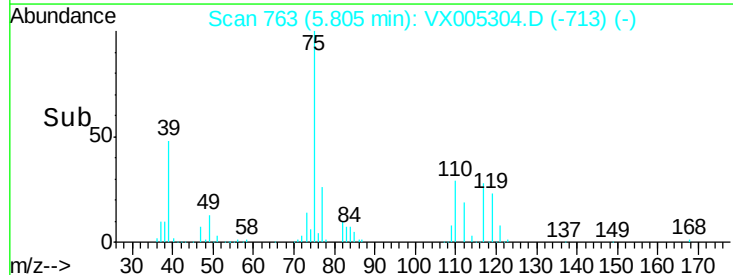
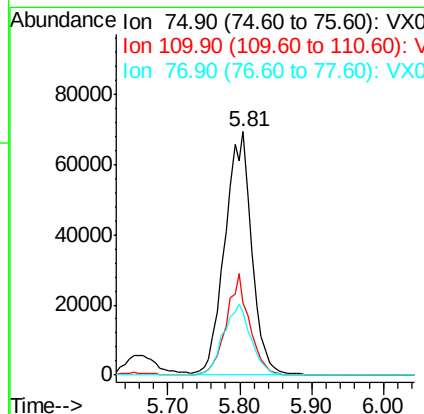
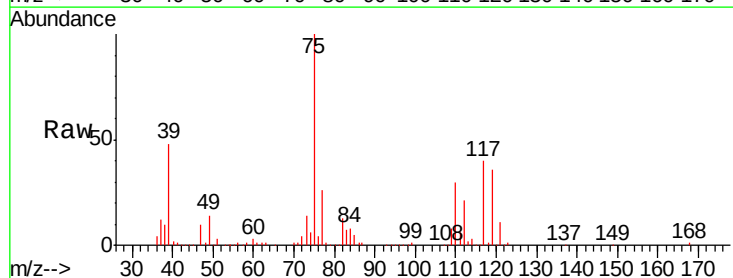
RT: 5.81 min Scan# 763

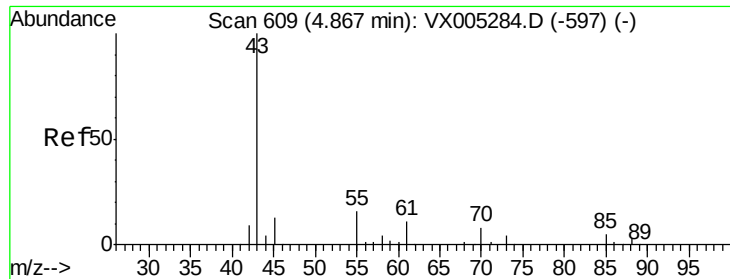
Delta R.T. 0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 178766 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.2  | 18.0  | 54.0   |
| 77        | 29.5  | 24.6  | 36.8   |





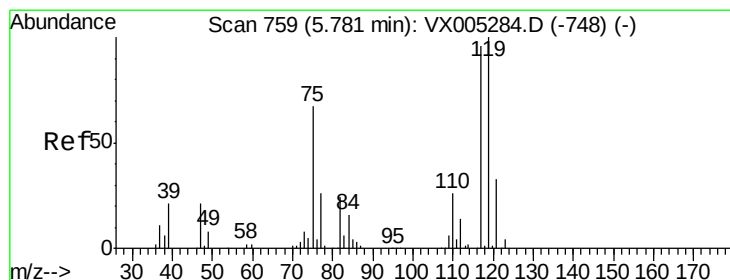
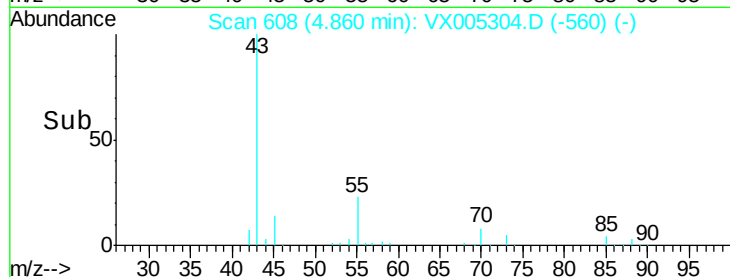
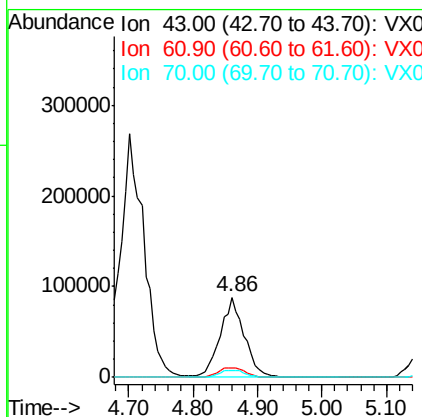
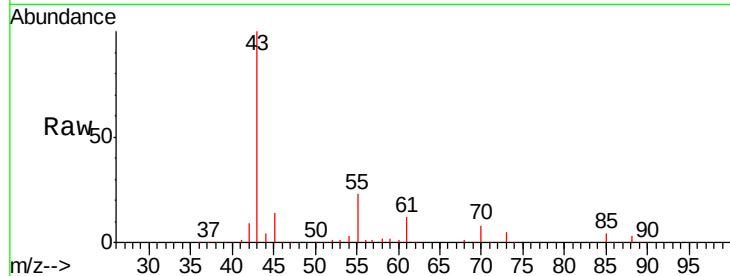
#37  
Ethyl Acetate  
Concen: 52.75 ug/l  
RT: 4.86 min Scan# 608  
Delta R.T. -0.01 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.3  | 11.5  | 17.3  |
| 70      | 9.8   | 9.0   | 13.6  |

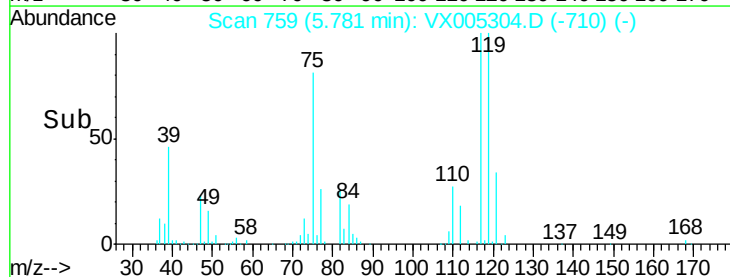
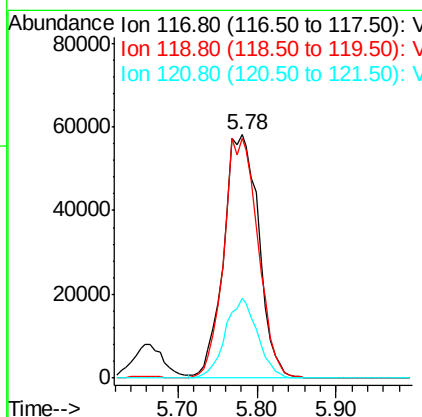
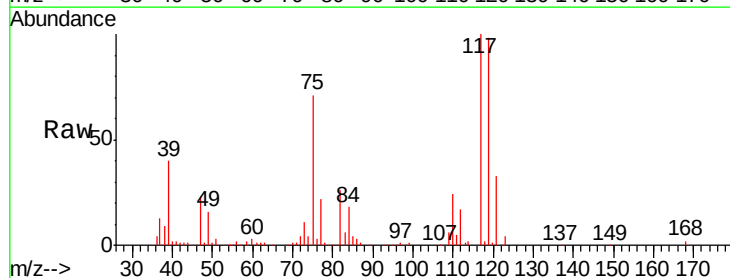
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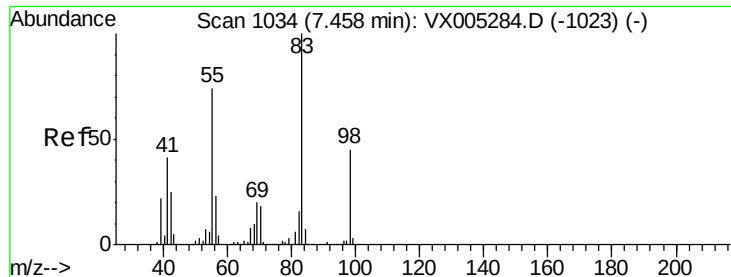


#38  
Carbon Tetrachloride  
Concen: 52.19 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.2  | 78.8  | 118.2 |
| 121     | 32.7  | 24.9  | 37.3  |







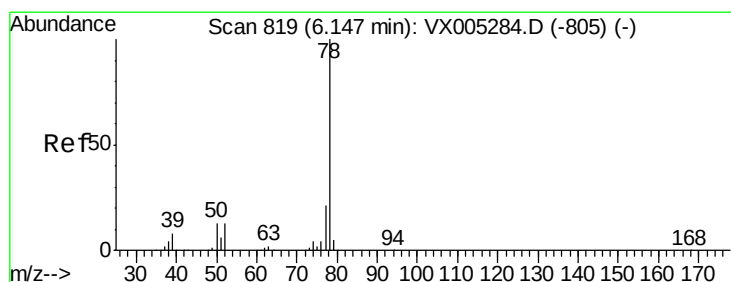
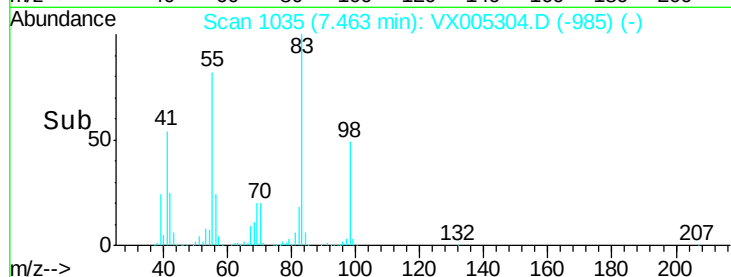
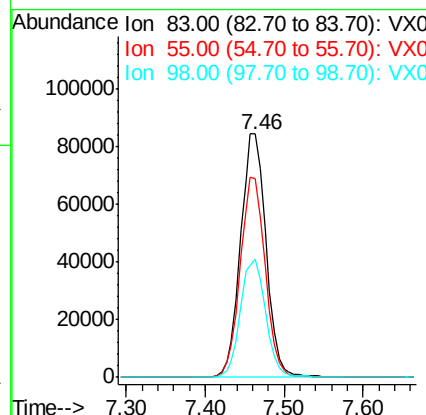
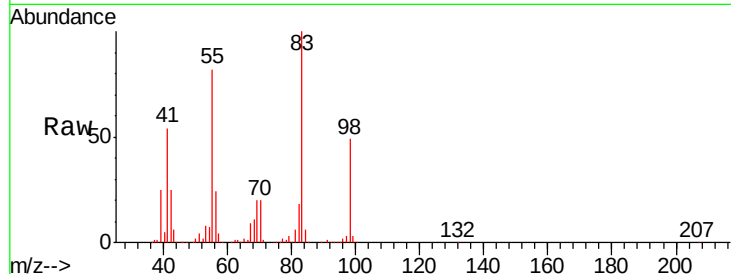
#39  
Methylcyclohexane  
Concen: 51.21 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.01 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 81.5  | 61.0  | 91.4  |
| 98      | 48.6  | 39.6  | 59.4  |

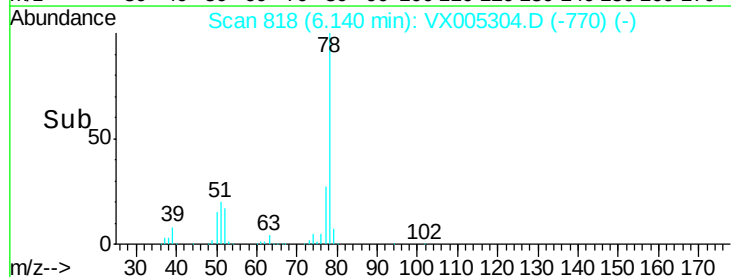
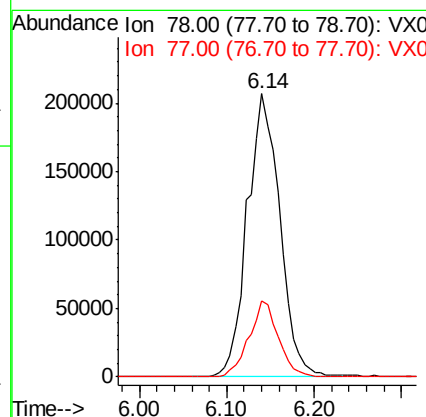
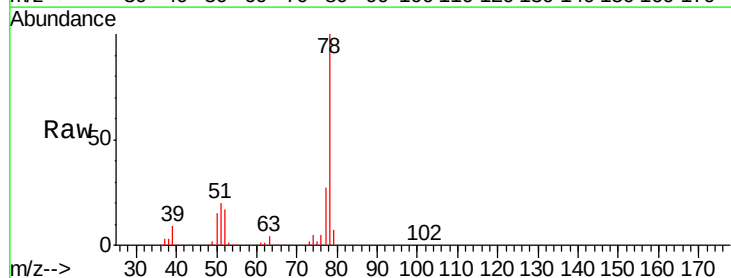
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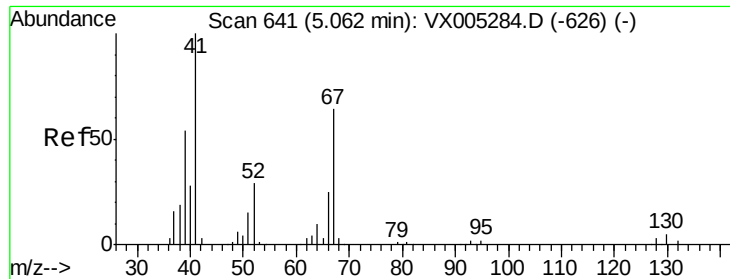
MMDadoda  
10/17/2018 9:05:55 AM



#40  
Benzene  
Concen: 51.98 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 26.9  | 19.0  | 28.4  |





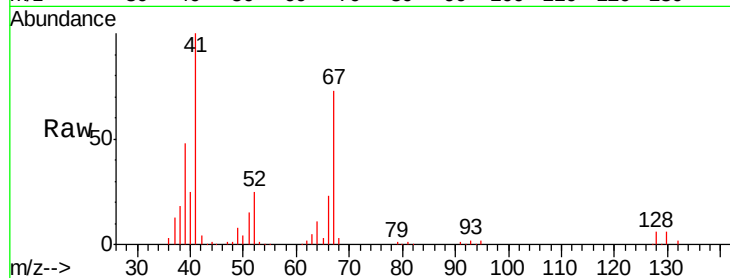
#41  
Methacrylonitrile  
Concen: 55.23 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

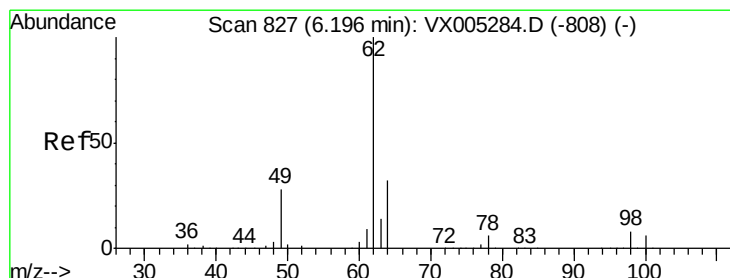
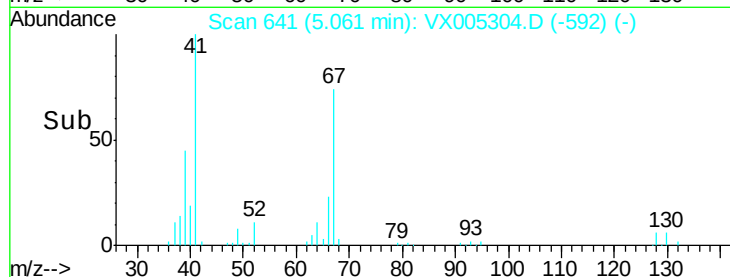
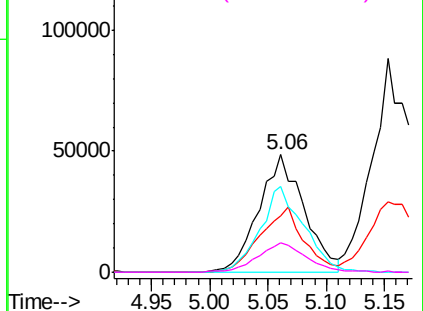
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 53.7  | 42.4  | 63.6  |
| 67      | 70.6  | 59.2  | 88.8  |
| 52      | 26.6  | 23.0  | 34.4  |

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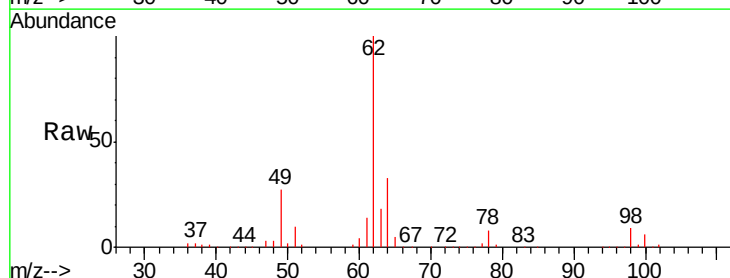


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

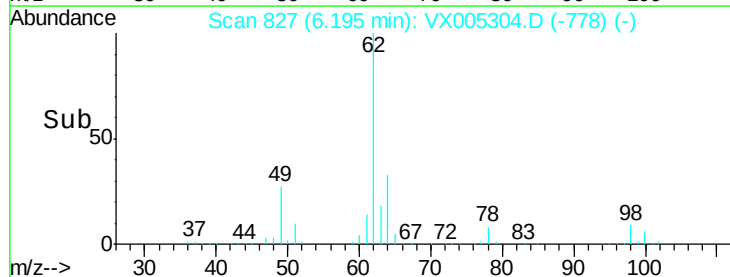
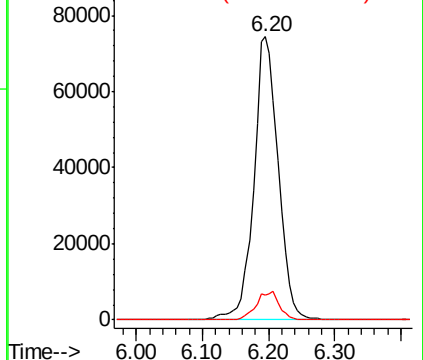


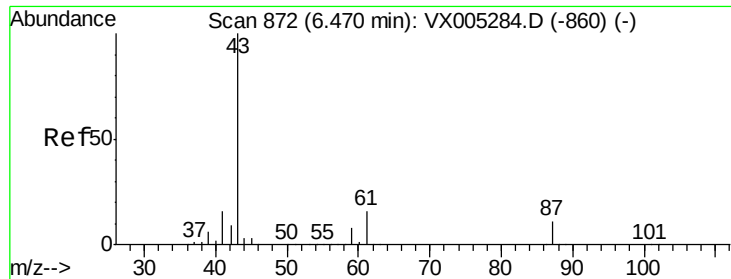
#42  
1,2-Dichloroethane  
Concen: 52.54 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.6   | 0.0   | 20.6  |



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 57.40 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

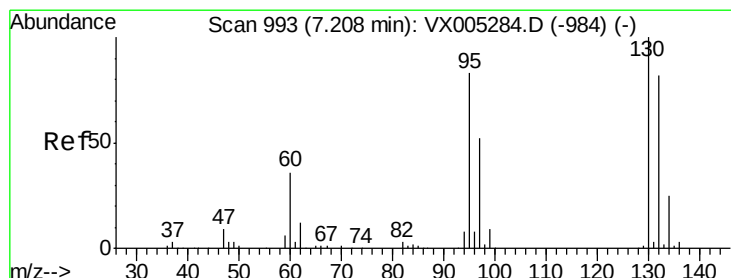
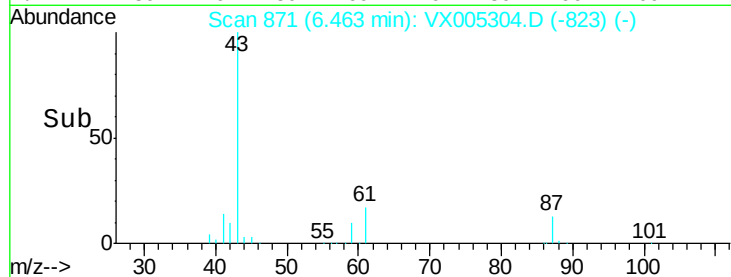
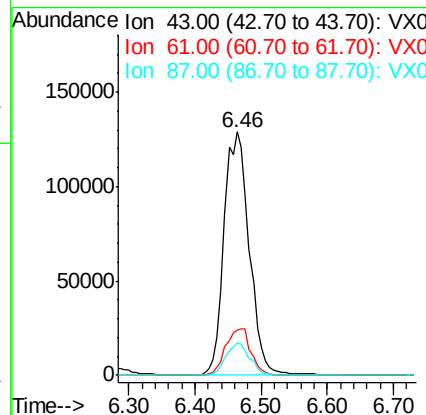
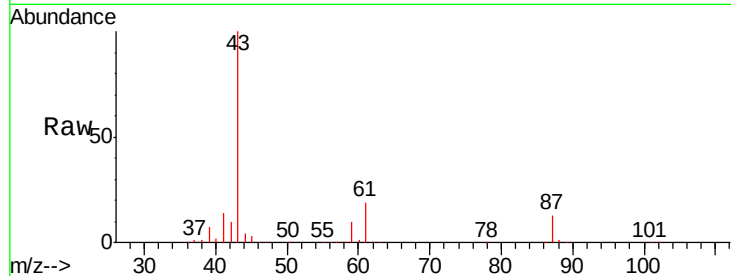
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 337192 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 19.5  | 17.0  | 25.4   |
| 87       | 12.8  | 11.4  | 17.2   |

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#44

Trichloroethene

Concen: 53.48 ug/l

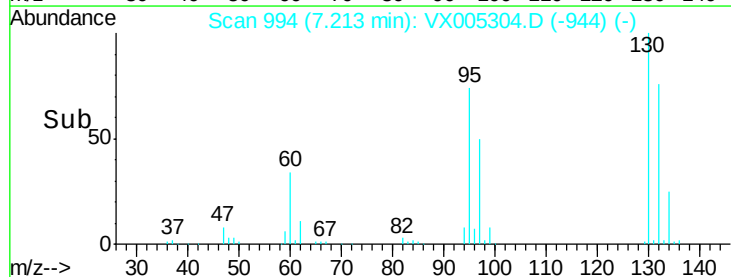
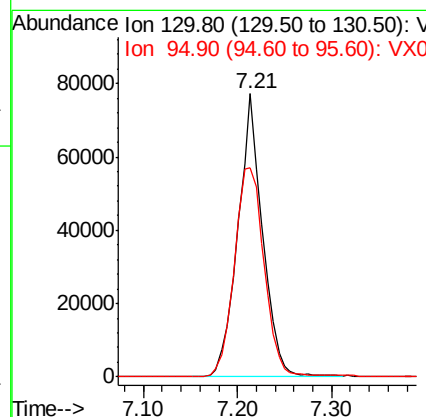
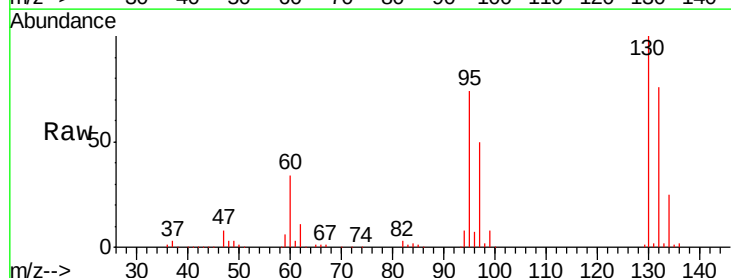
RT: 7.21 min Scan# 994

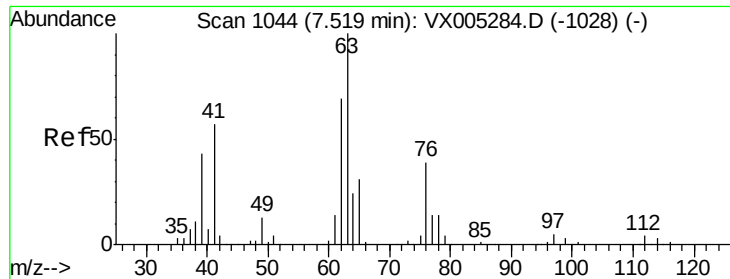
Delta R.T. 0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 140362 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 73.9  | 0.0   | 181.6  |





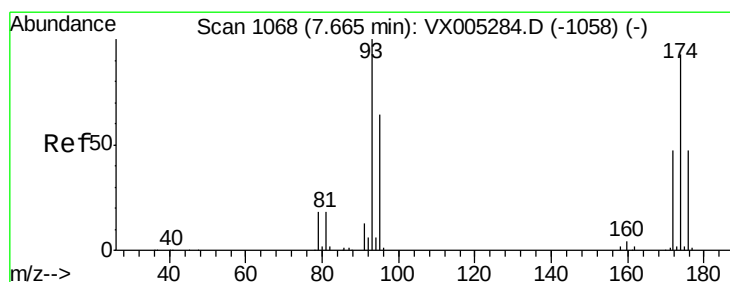
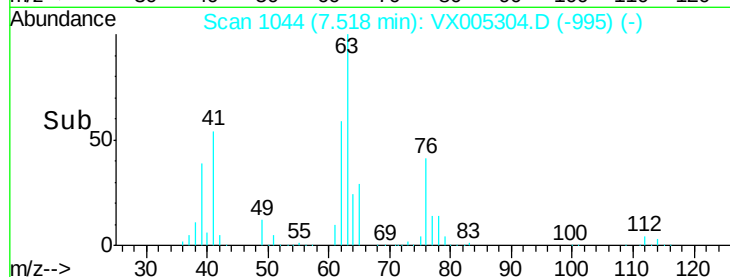
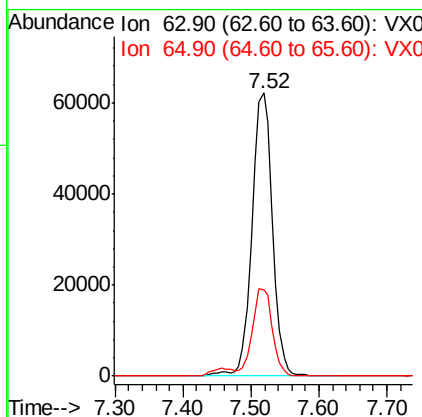
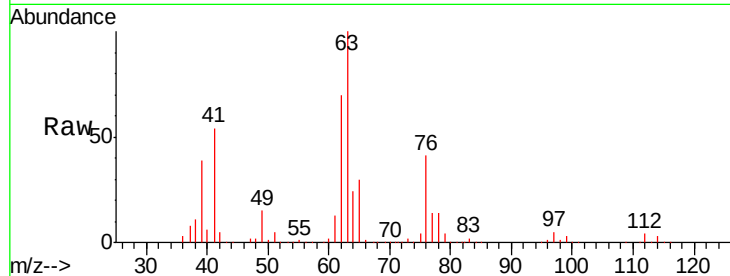
#45  
 1,2-Dichloropropane  
 Concen: 51.93 ug/l  
 RT: 7.52 min Scan# 1044  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 63 Resp: 131022  
 Ion Ratio Lower Upper  
 63 100  
 65 30.4 24.3 36.5

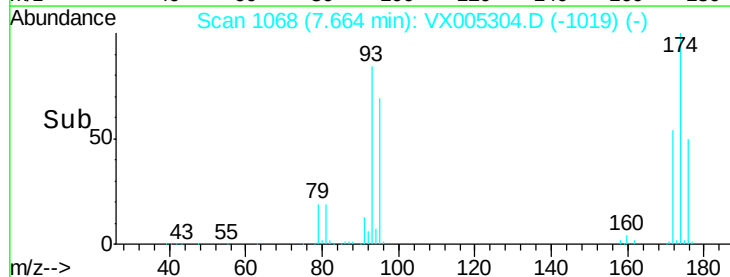
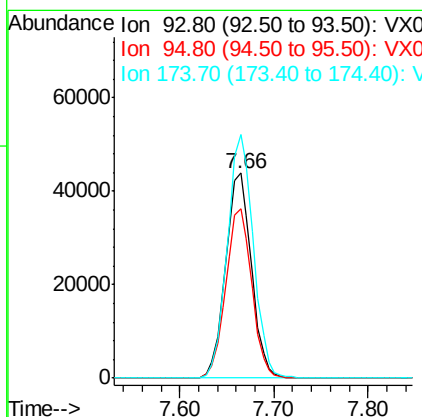
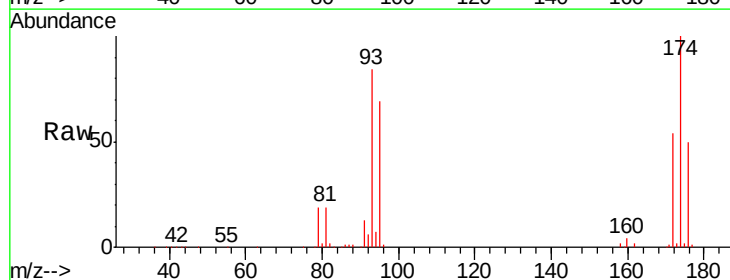
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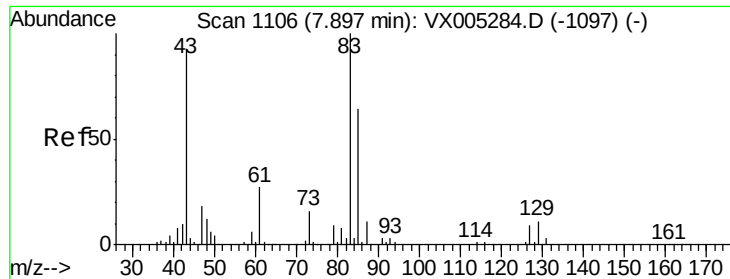
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#46  
 Dibromomethane  
 Concen: 50.13 ug/l  
 RT: 7.66 min Scan# 1068  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Tgt Ion: 93 Resp: 83479  
 Ion Ratio Lower Upper  
 93 100  
 95 83.2 65.5 98.3  
 174 119.7 94.2 141.4





#47

Bromodichloromethane

Concen: 53.91 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

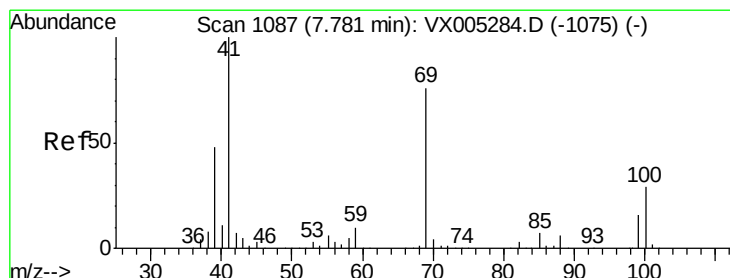
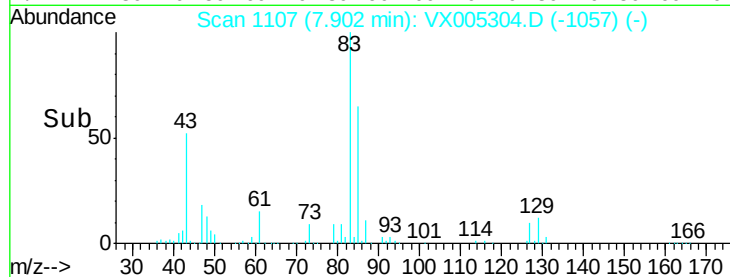
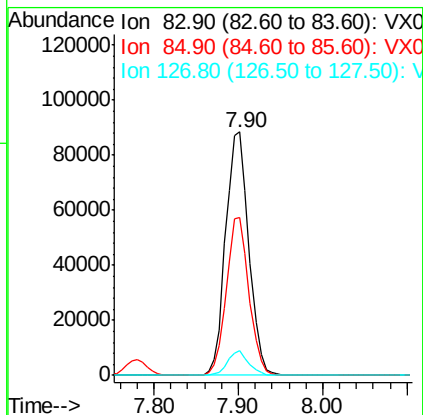
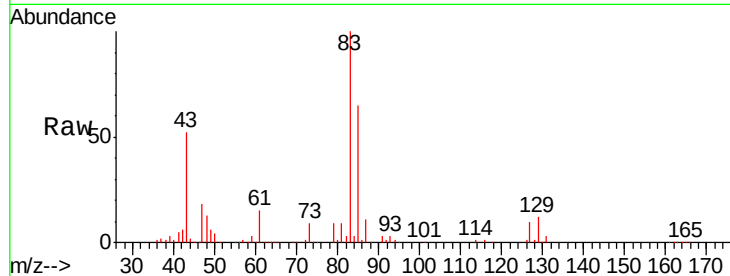
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 166063 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.7  | 50.9  | 76.3   |
| 127      | 10.2  | 7.3   | 10.9   |

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#48

Methyl methacrylate

Concen: 53.12 ug/l

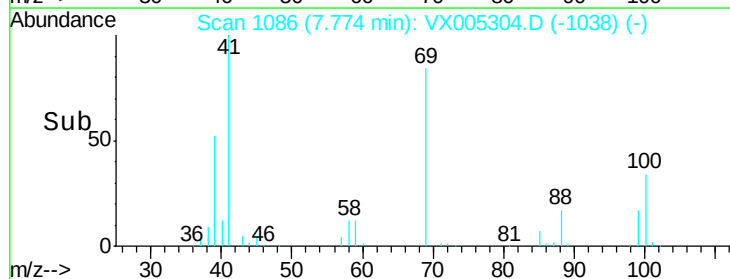
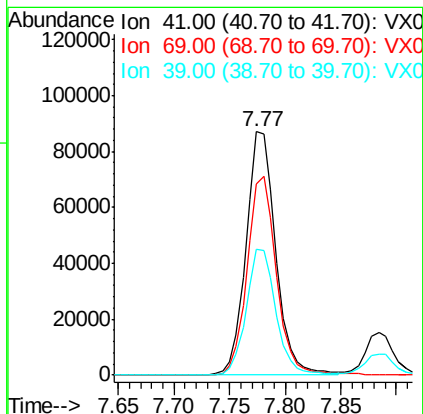
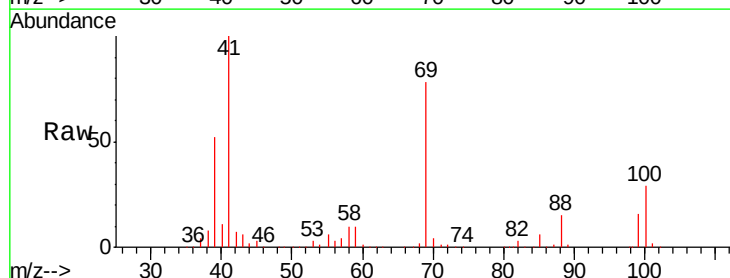
RT: 7.77 min Scan# 1086

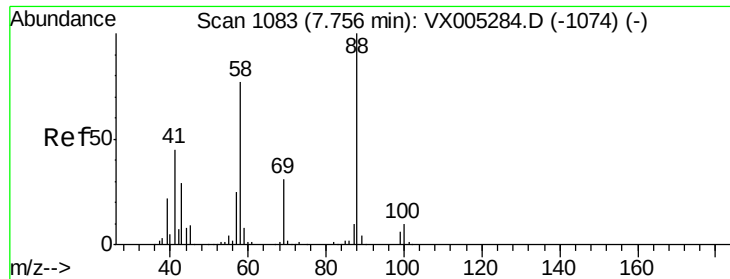
Delta R.T. -0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 161852 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 81.3  | 70.2  | 105.4  |
| 39       | 51.7  | 42.7  | 64.1   |





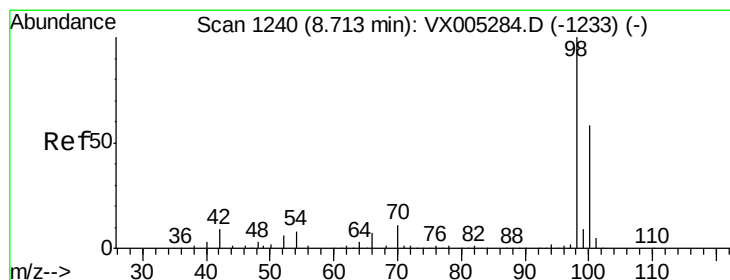
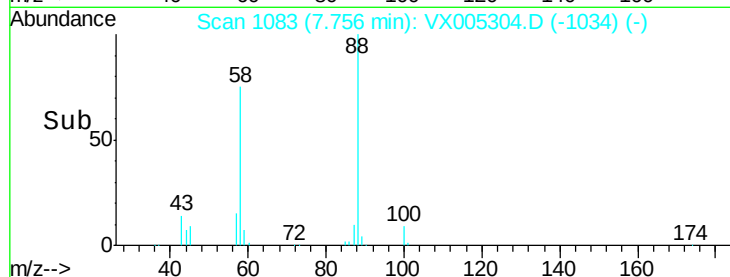
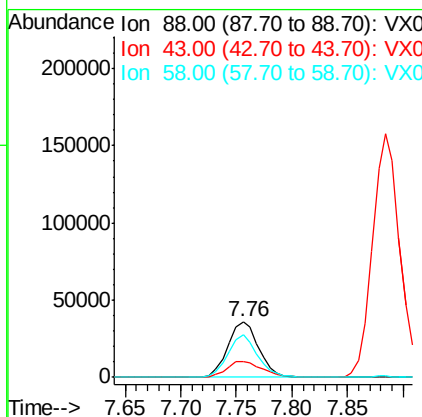
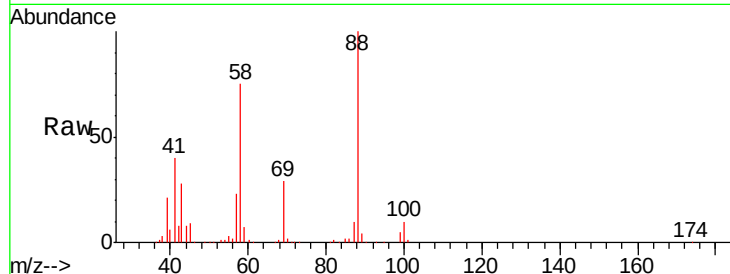
#49  
1,4-Dioxane  
Concen: 989.23 ug/l  
RT: 7.76 min Scan# 1083  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.7  | 24.7  | 37.1  |
| 58      | 74.1  | 55.3  | 82.9  |

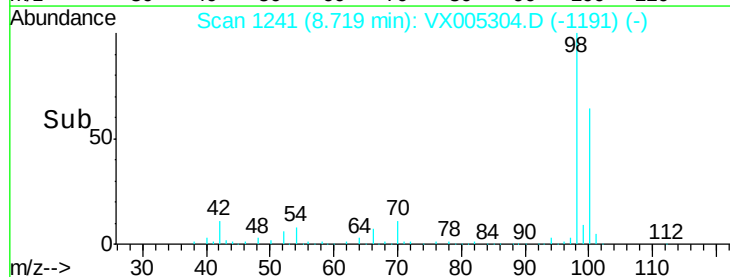
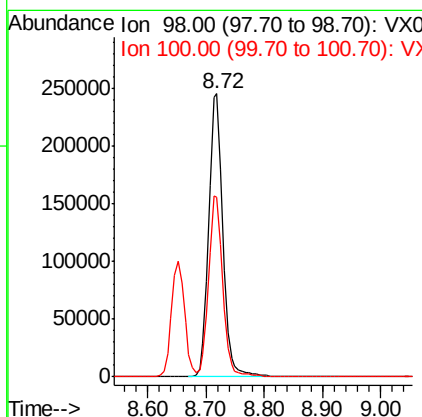
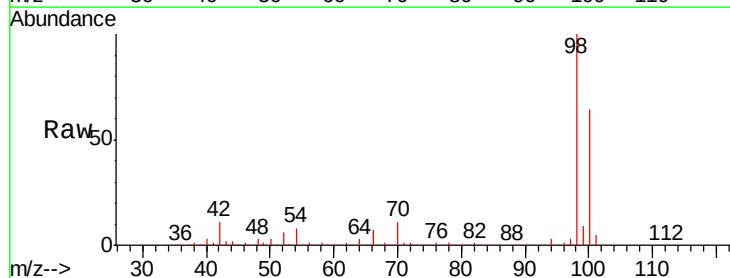
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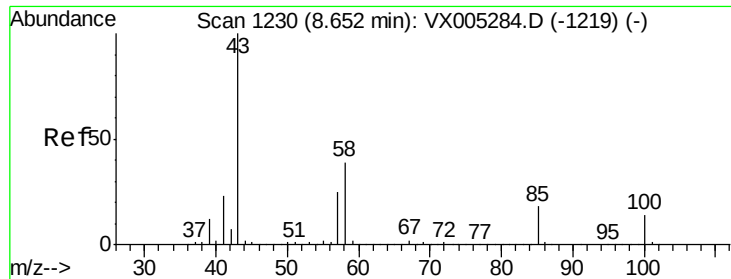
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#50  
Toluene-d8  
Concen: 51.77 ug/l  
RT: 8.72 min Scan# 1241  
Delta R.T. 0.01 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.4  | 52.9  | 79.3  |





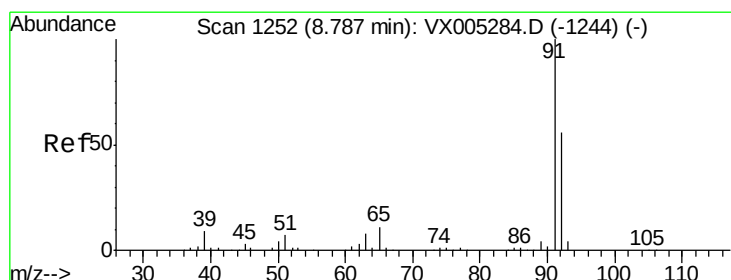
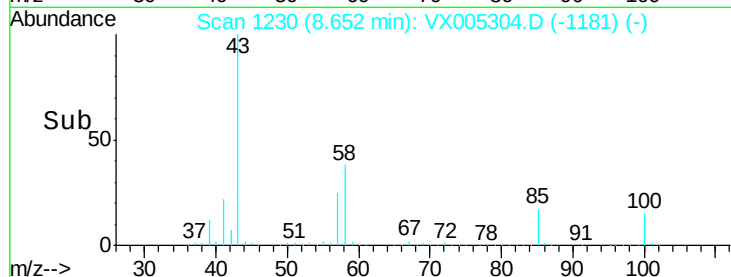
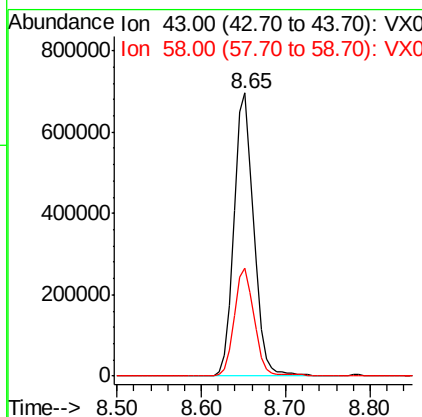
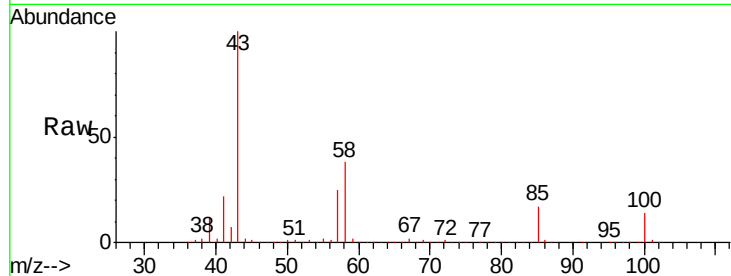
#51  
4-Methyl-2-Pentanone  
Concen: 271.35 ug/l  
RT: 8.65 min Scan# 1230  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 1103727  
Ion Ratio Lower Upper  
43 100  
58 38.0 33.1 49.7

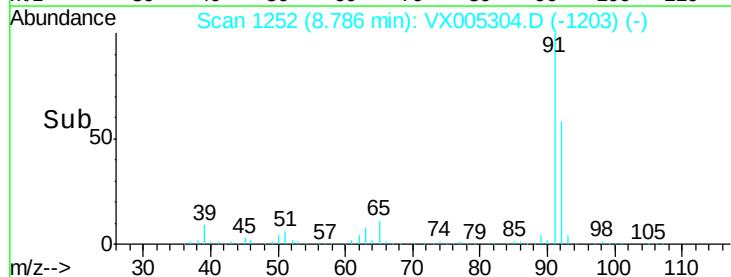
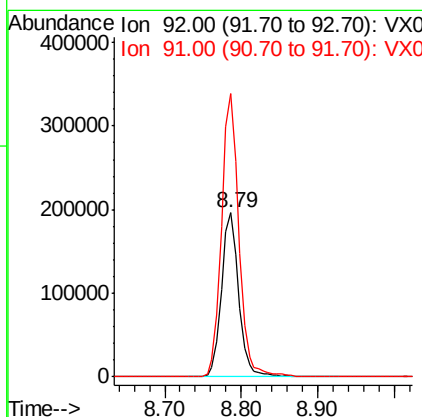
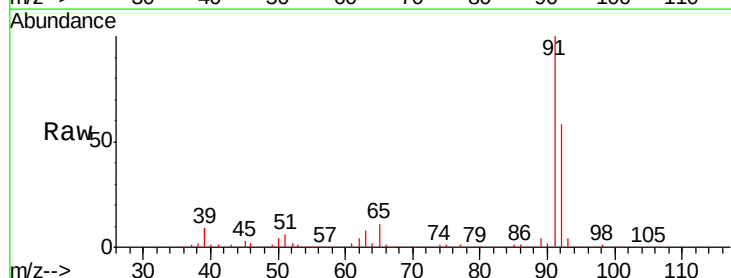
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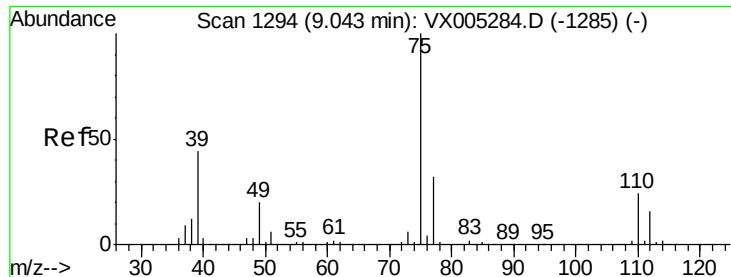
MMDadoda  
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#52  
Toluene  
Concen: 54.39 ug/l  
RT: 8.79 min Scan# 1252  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Tgt Ion: 92 Resp: 306102  
Ion Ratio Lower Upper  
92 100  
91 174.8 136.4 204.6





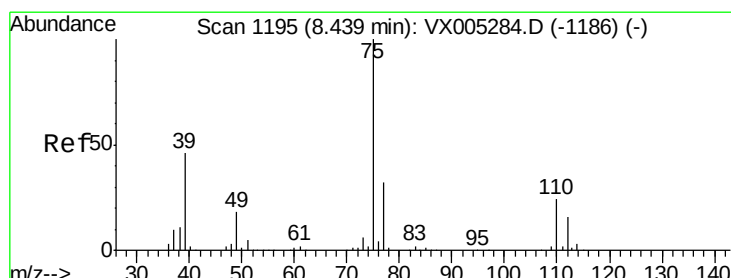
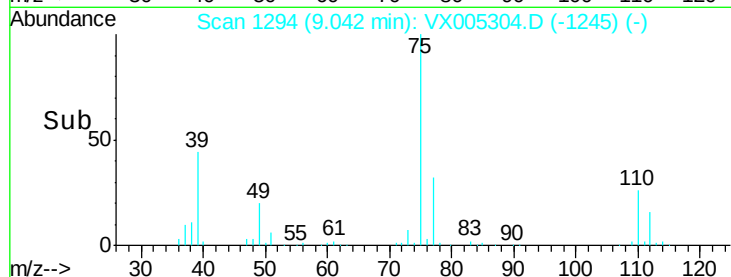
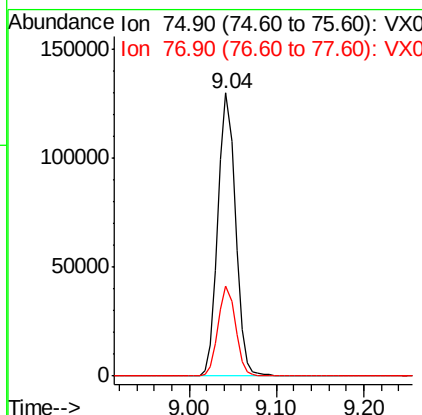
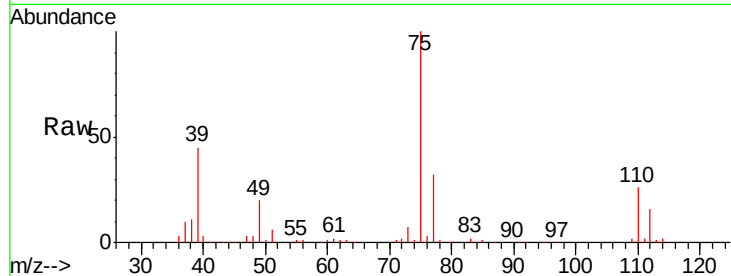
#53  
 t-1,3-Dichloropropene  
 Concen: 54.26 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 75 Resp: 180892  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 24.6 37.0

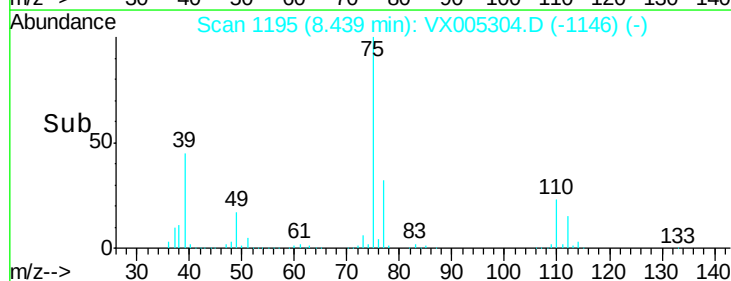
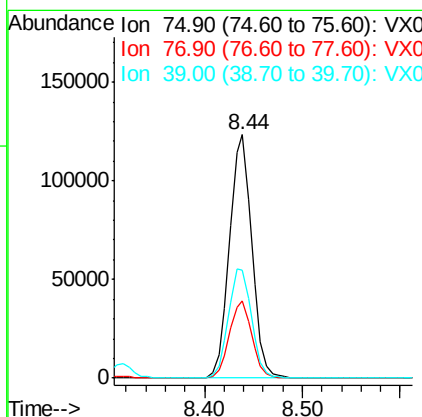
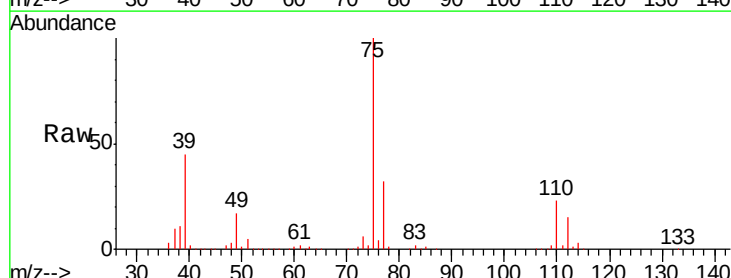
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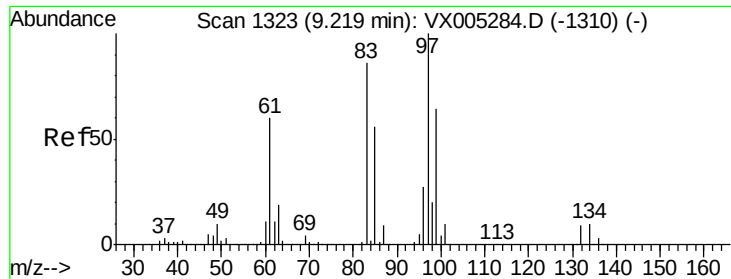


#54  
 cis-1,3-Dichloropropene  
 Concen: 54.23 ug/l  
 RT: 8.44 min Scan# 1195  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Tgt Ion: 75 Resp: 195875  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 26.2 39.2  
 39 44.5 36.4 54.6







#55

1,1,2-Trichloroethane

Concen: 52.74 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

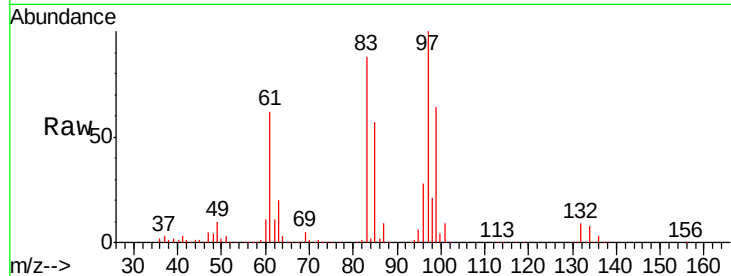
ClientSampleId :

VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 88.1  | 66.4  | 99.6  |
| 85      | 56.9  | 43.3  | 64.9  |
| 99      | 63.8  | 49.0  | 73.4  |

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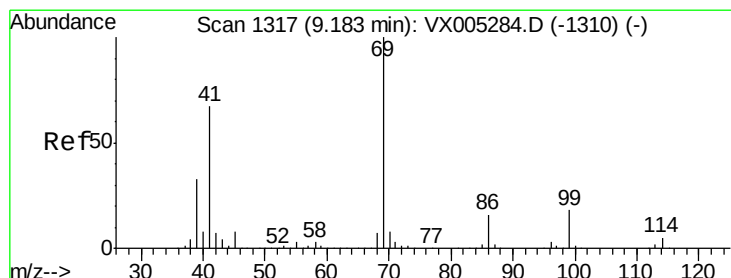
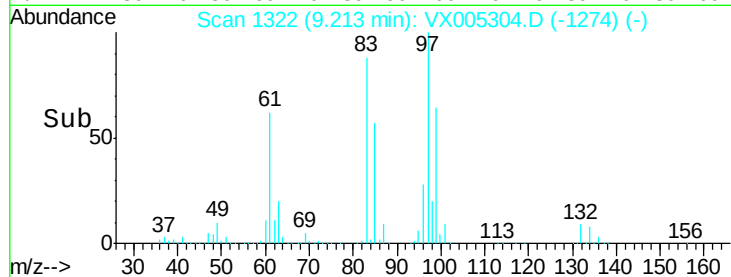
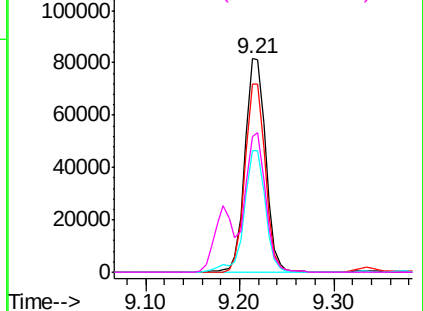
Abundance

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: 56.67 ug/l

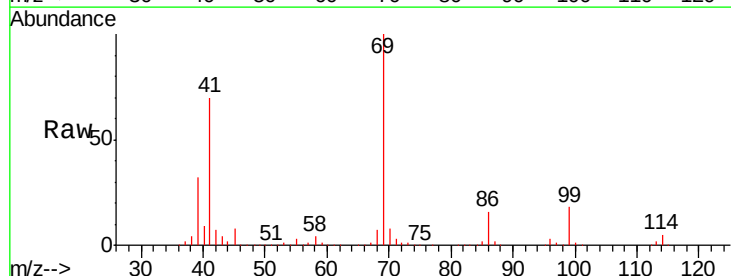
RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 69.0  | 51.0  | 76.4  |
| 39      | 33.5  | 26.1  | 39.1  |

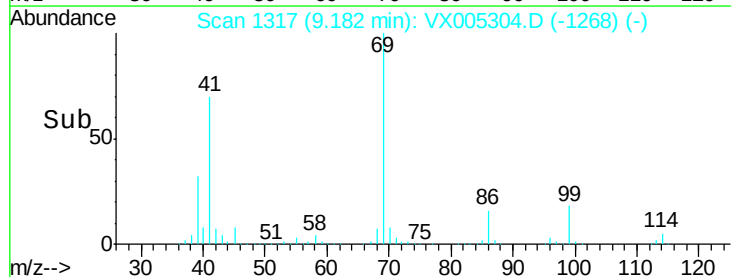
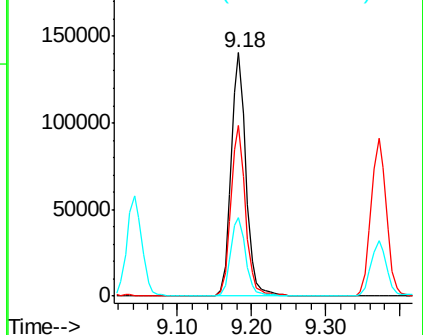


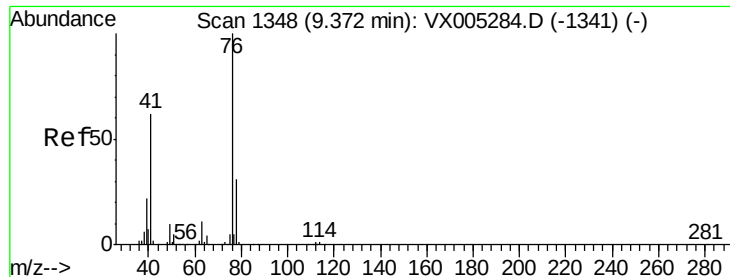
Abundance

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





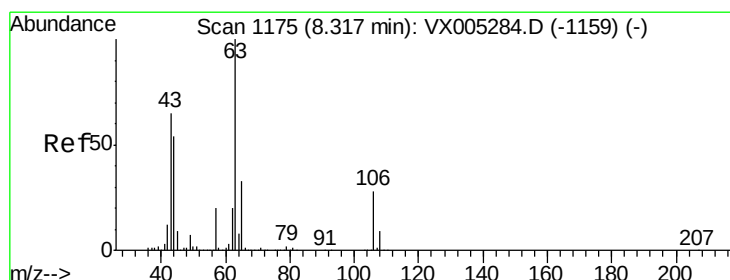
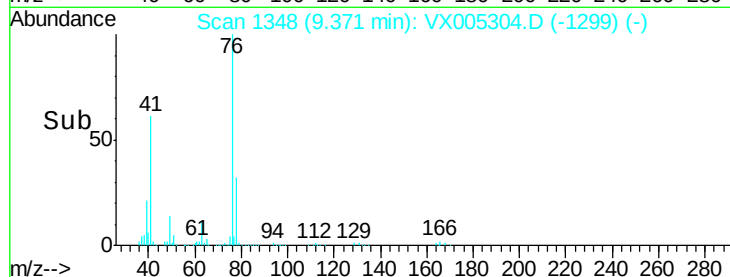
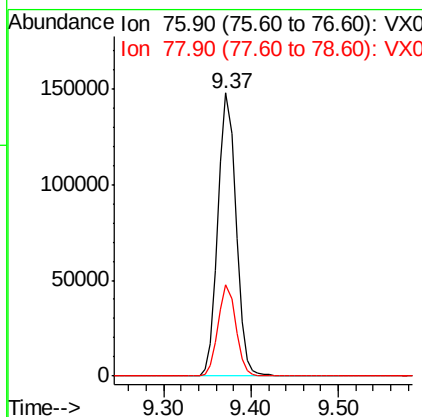
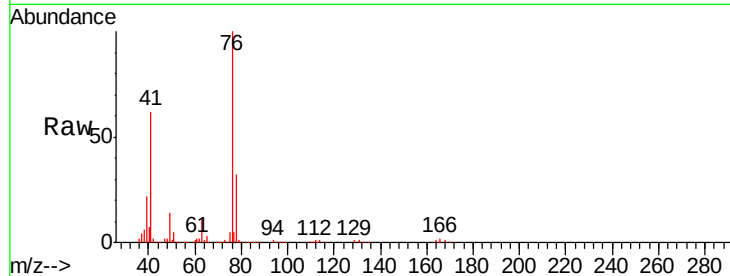
#57  
 1,3-Dichloropropane  
 Concen: 53.16 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 76 Resp: 211488  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 25.5 38.3

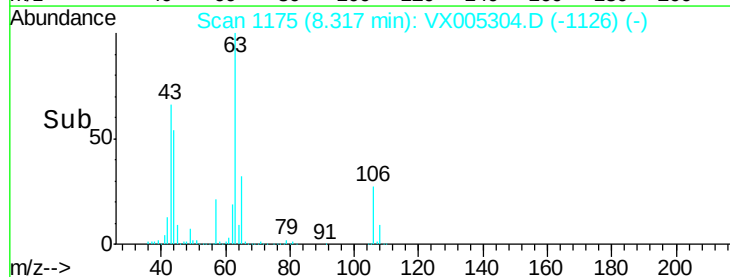
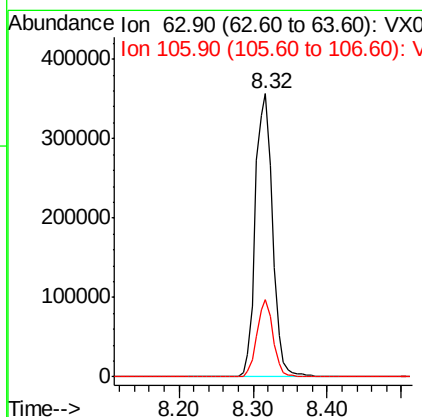
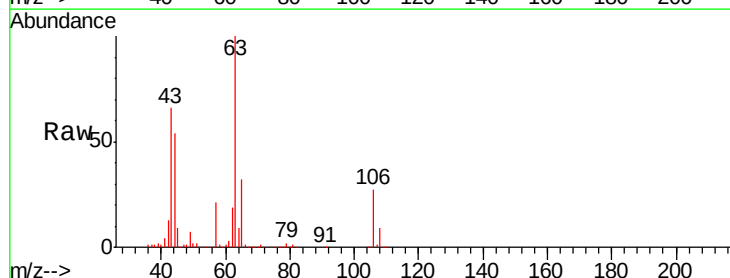
Manual Integrations  
 APPROVED

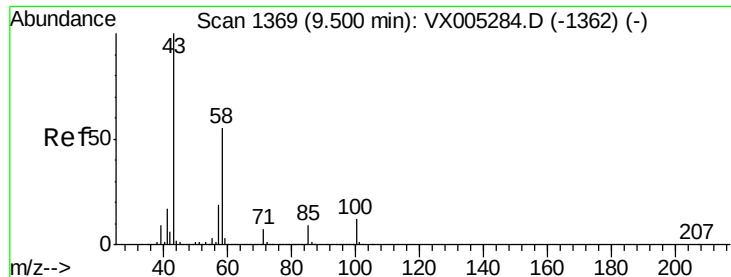
MMDadoda  
 10/17/2018 9:05:55 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 299.40 ug/l  
 RT: 8.32 min Scan# 1175  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Tgt Ion: 63 Resp: 583470  
 Ion Ratio Lower Upper  
 63 100  
 106 25.8 23.9 35.9





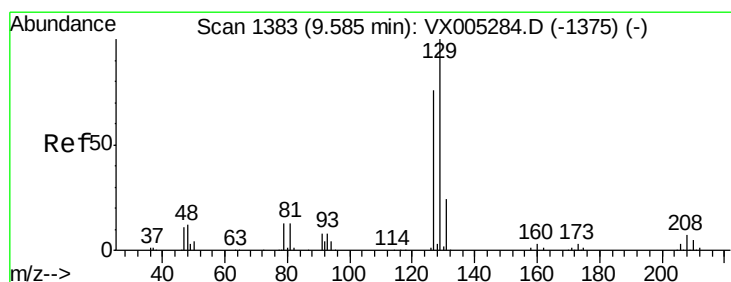
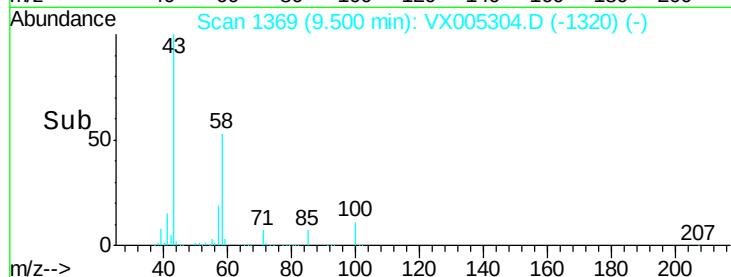
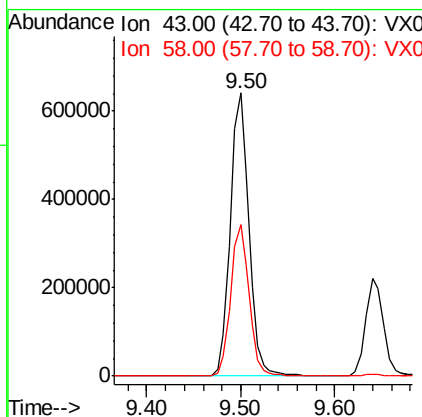
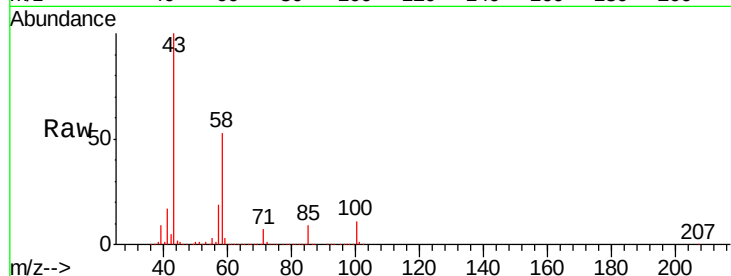
#59  
2-Hexanone  
Concen: 269.44 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 881583  
Ion Ratio Lower Upper  
43 100  
58 53.2 29.0 87.0

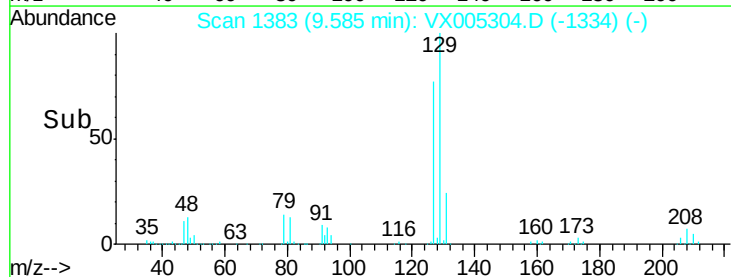
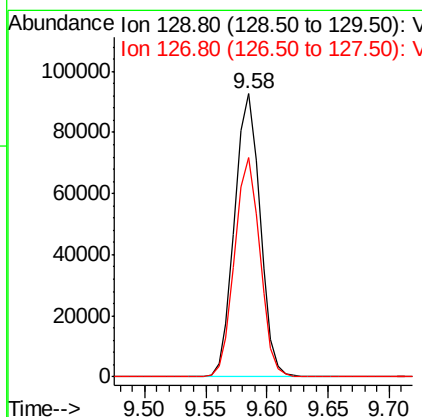
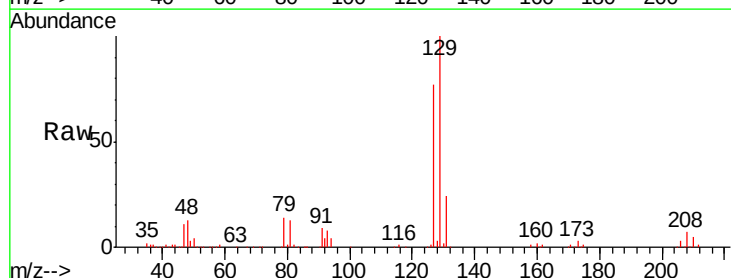
Manual Integrations  
APPROVED

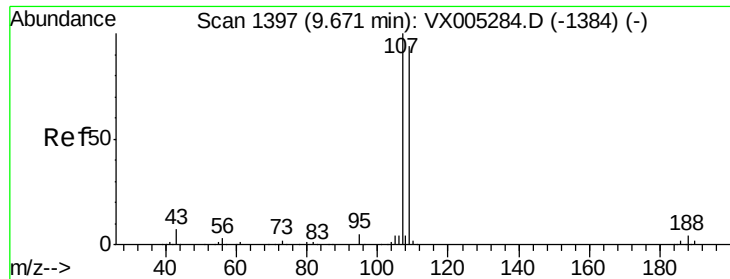
MMDadoda  
10/17/2018 9:05:55 AM



#60  
Dibromochloromethane  
Concen: 54.41 ug/l  
RT: 9.58 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Tgt Ion: 129 Resp: 134049  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.17 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 133018

Ion Ratio Lower Upper

107 100

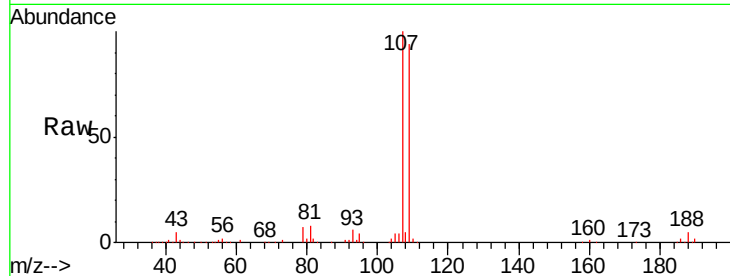
109 93.6 76.0 114.0

Manual Integrations

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MMDadoda

10/17/2018 9:05:55 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

100000

80000

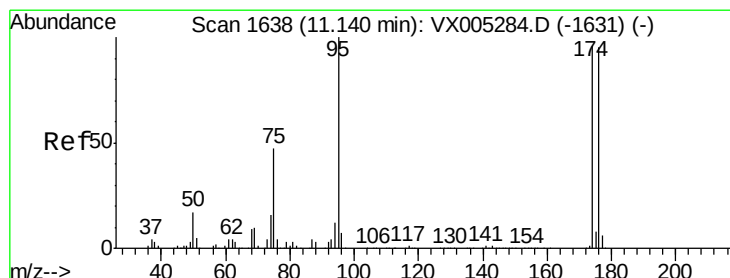
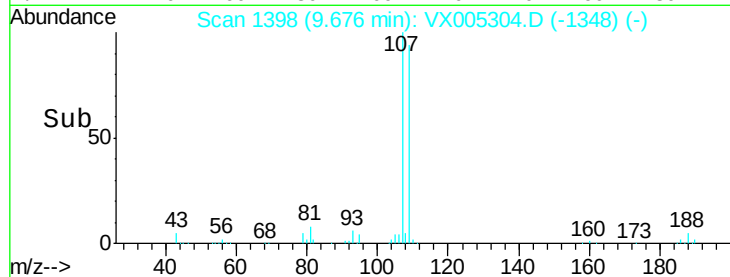
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.47 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

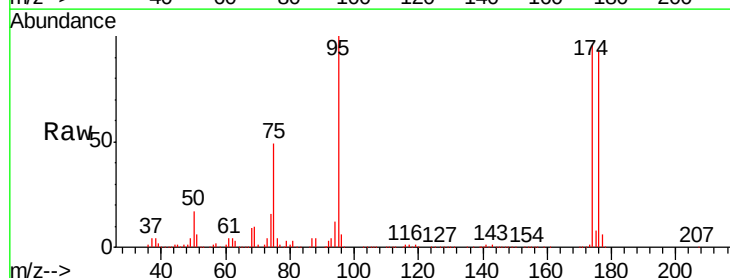
Tgt Ion: 95 Resp: 155672

Ion Ratio Lower Upper

95 100

174 94.4 0.0 185.2

176 92.0 0.0 178.6



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

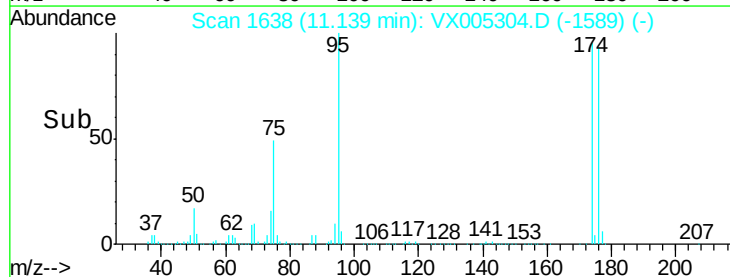
150000

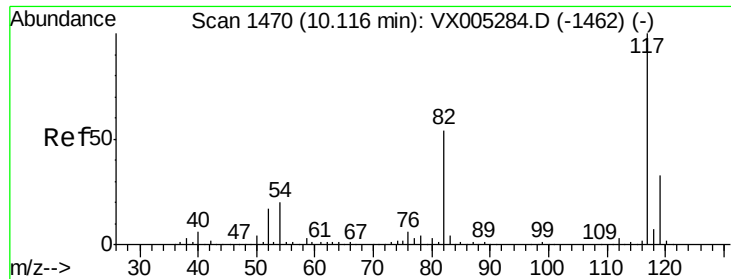
100000

50000

0

Time-->





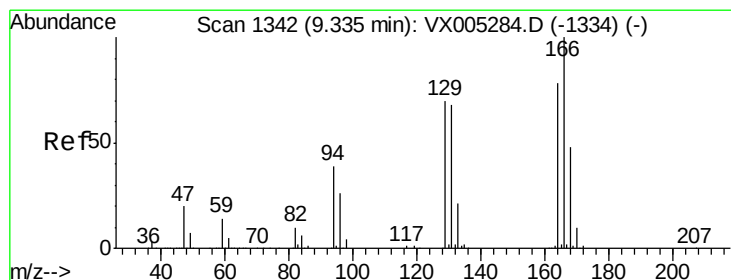
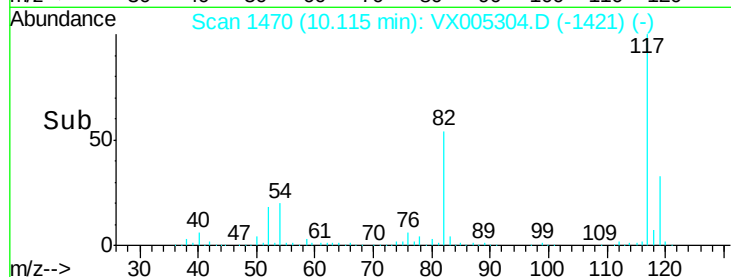
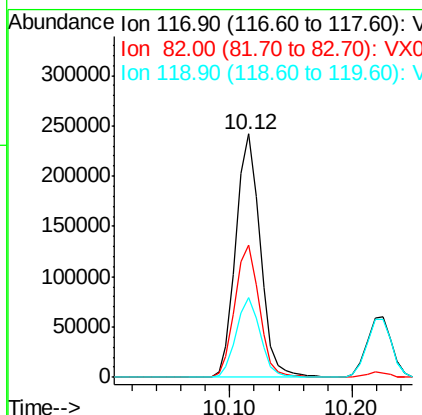
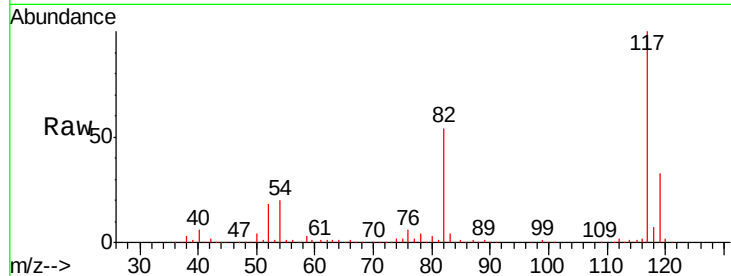
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 335344 |       |       |
| 82      | 54.3  | 47.8   | 71.6  |       |
| 119     | 32.6  | 29.3   | 43.9  |       |

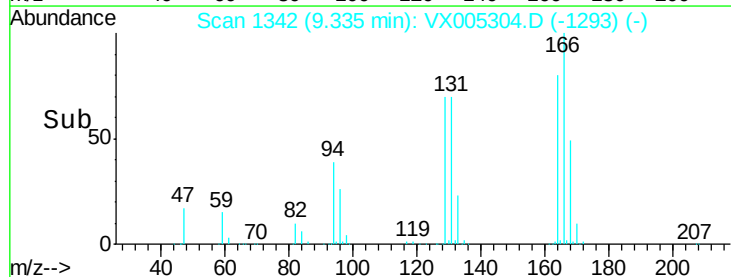
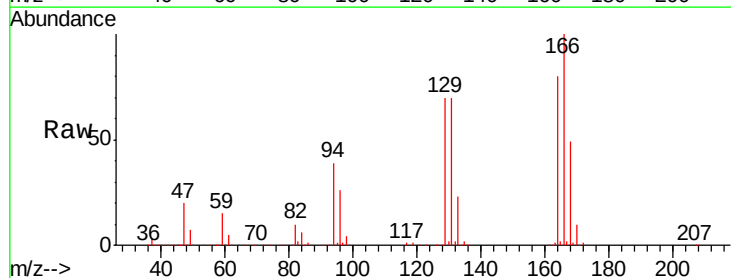
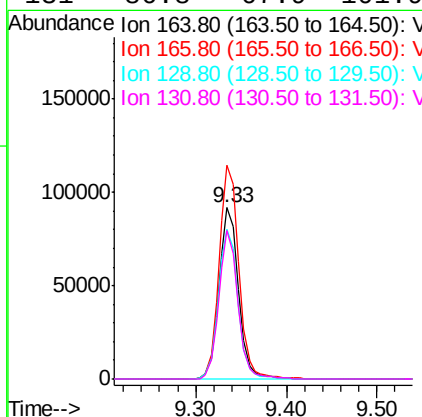
Manual Integrations  
APPROVED

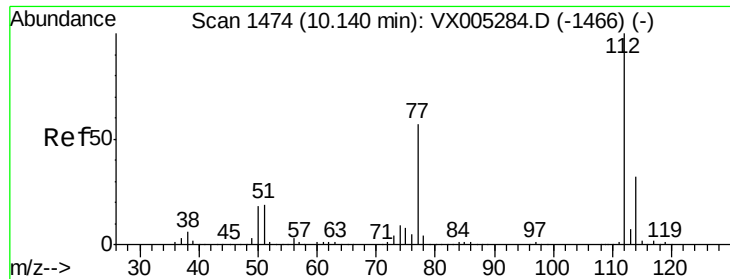
MMDadoda  
10/17/2018 9:05:55 AM



#64  
Tetrachloroethene  
Concen: 50.84 ug/l  
RT: 9.33 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 137264 |       |       |
| 166     | 124.9 | 102.8  | 154.2 |       |
| 129     | 87.8  | 69.4   | 104.0 |       |
| 131     | 86.8  | 67.9   | 101.9 |       |





#65

Chlorobenzene

Concen: 48.45 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 345632

Ion Ratio Lower Upper

112 100

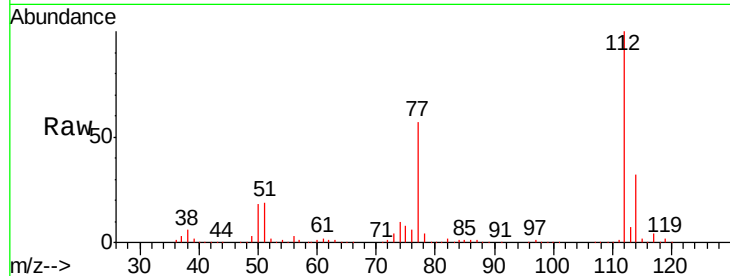
114 31.7 27.8 41.8

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

250000

200000

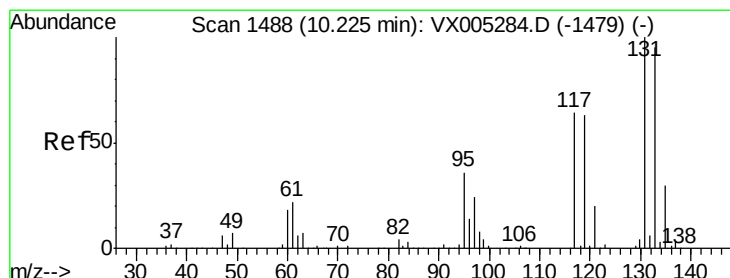
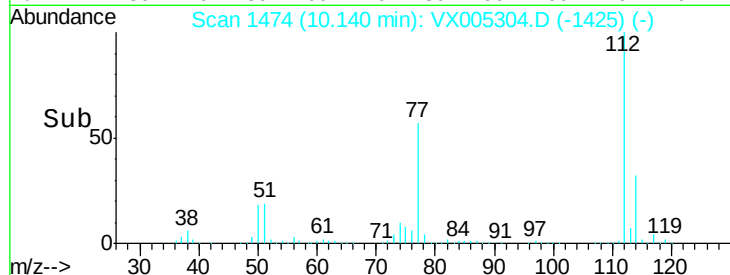
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.39 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

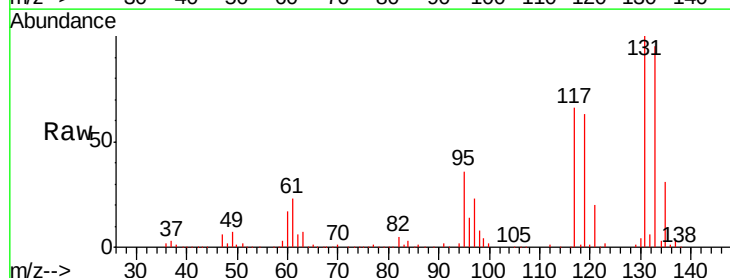
Tgt Ion:131 Resp: 128096

Ion Ratio Lower Upper

131 100

133 95.0 48.1 144.4

119 64.0 32.9 98.6



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

10.23

120000

100000

80000

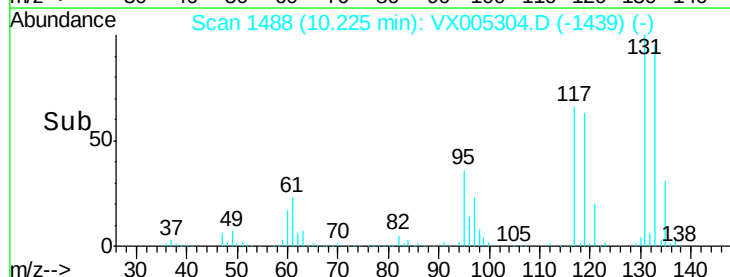
60000

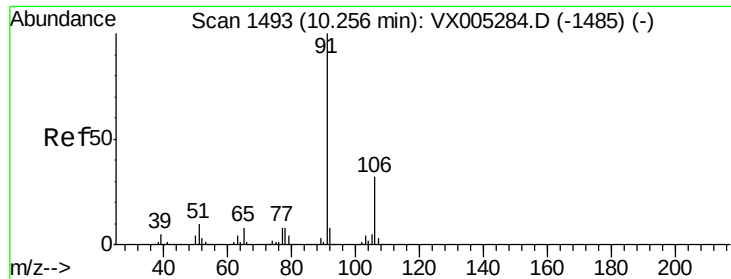
40000

20000

0

Time-->





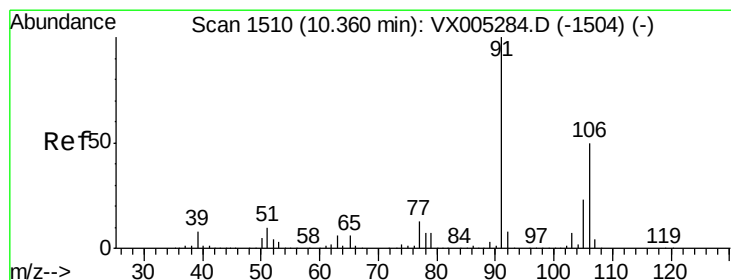
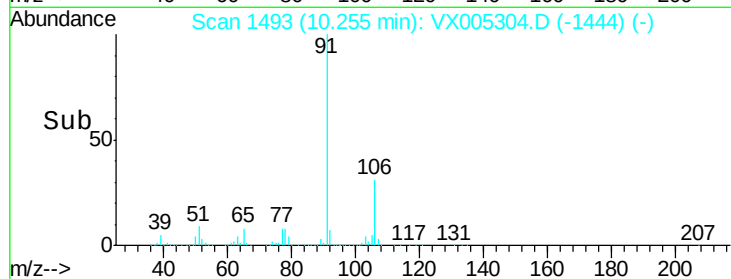
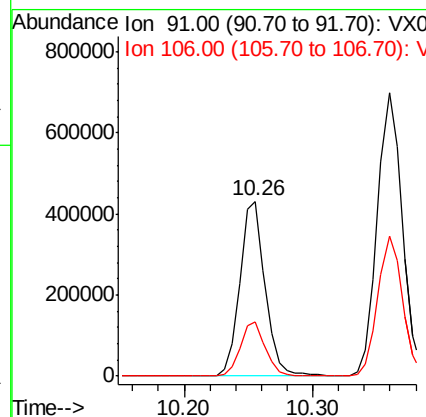
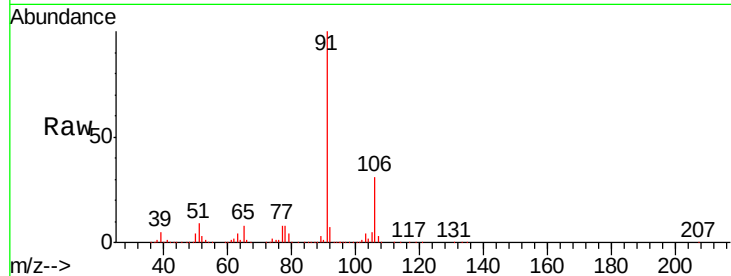
#67  
Ethyl Benzene  
Concen: 50.94 ug/l  
RT: 10.26 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 590764  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.9 38.9

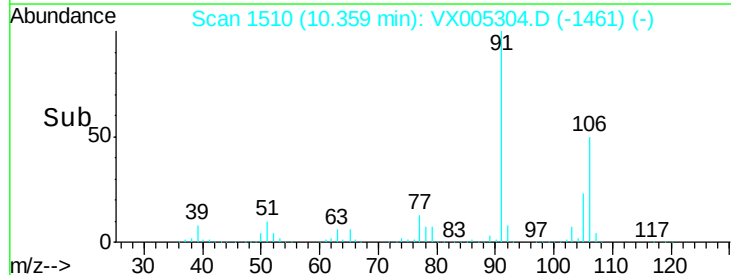
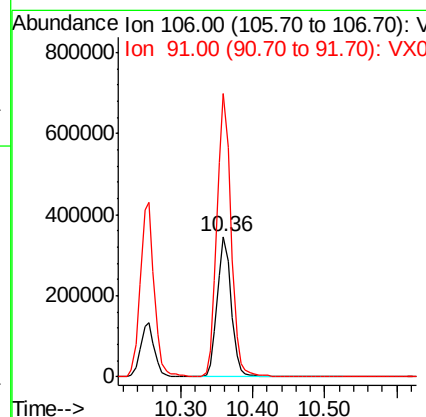
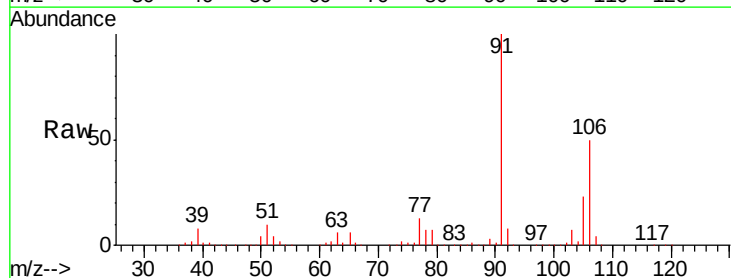
Manual Integrations  
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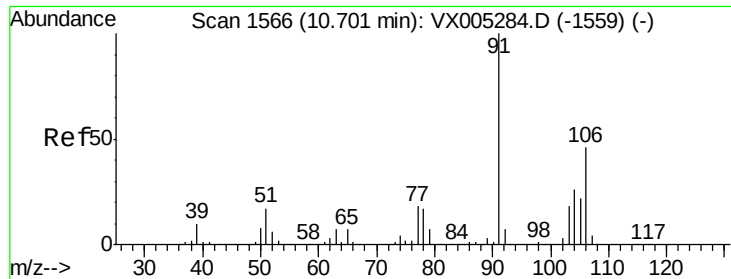
MMDadoda  
10/17/2018 9:05:55 AM



#68  
m/p-Xylenes  
Concen: 103.41 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Tgt Ion: 106 Resp: 465447  
Ion Ratio Lower Upper  
106 100  
91 203.1 157.1 235.7





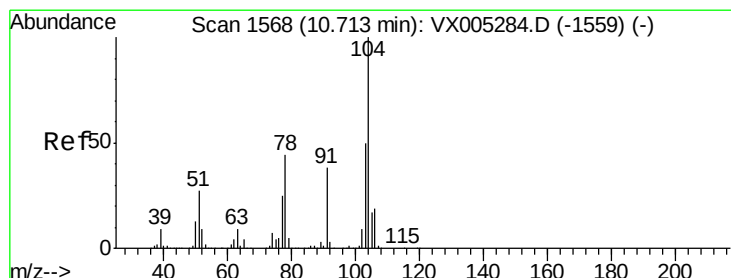
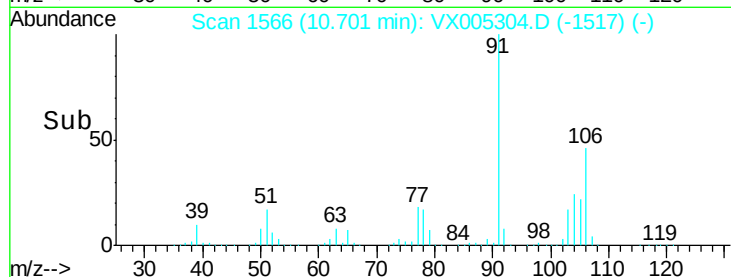
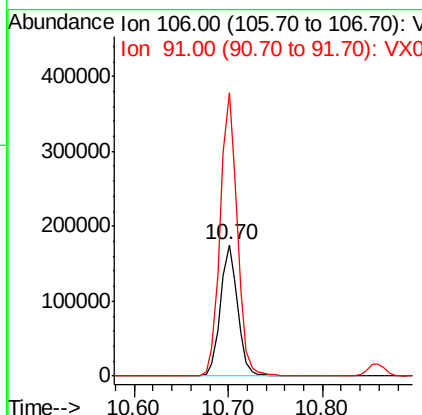
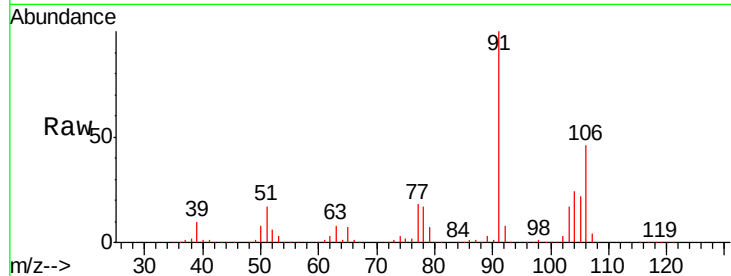
#69  
o-Xylene  
Concen: 51.26 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 222500  
Ion Ratio Lower Upper  
106 100  
91 214.5 105.1 315.1

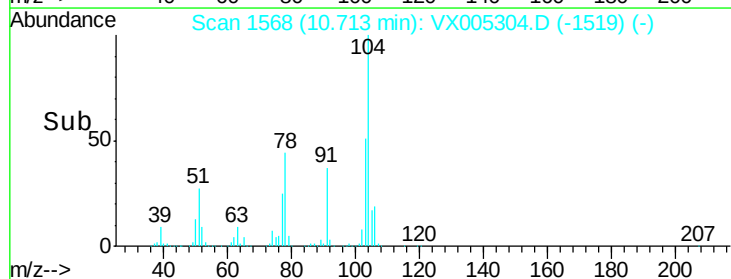
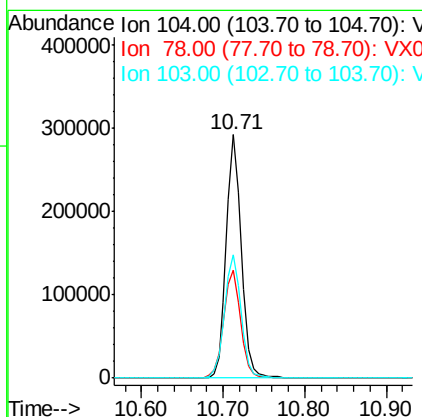
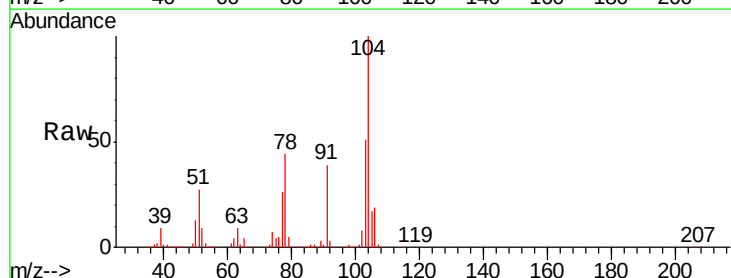
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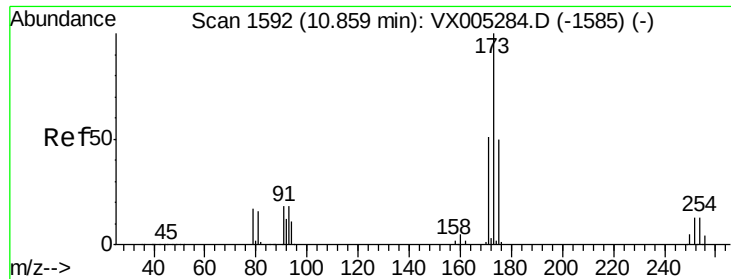


#70  
Styrene  
Concen: 52.63 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Tgt Ion:104 Resp: 375753  
Ion Ratio Lower Upper  
104 100  
78 49.8 37.4 56.0  
103 55.8 43.8 65.6







#71

Bromoform

Concen: 49.98 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 113531  
Ion Ratio Lower Upper

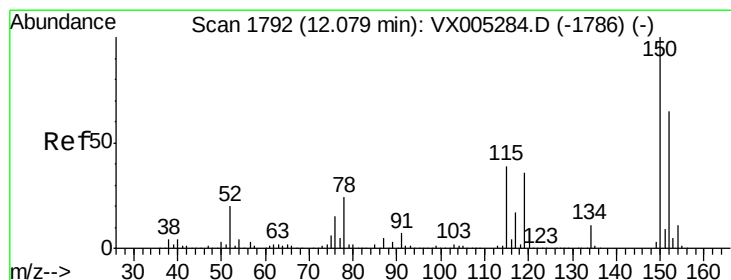
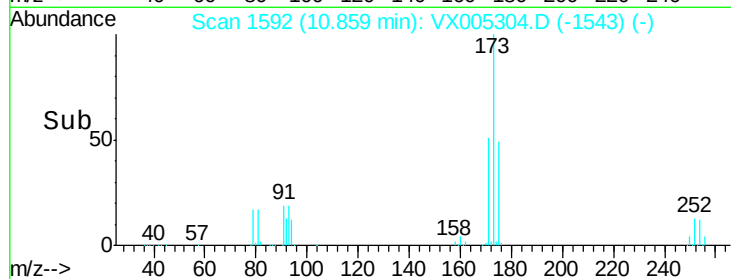
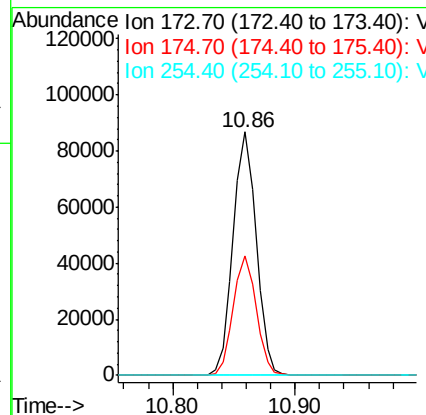
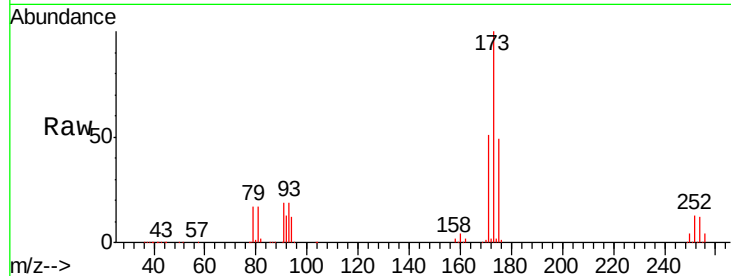
173 100

175 48.7 24.1 72.3

254 0.2 0.2 0.2#

Manual Integrations  
APPROVED

MMDadoda  
10/17/2018 9:05:55 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005304.D

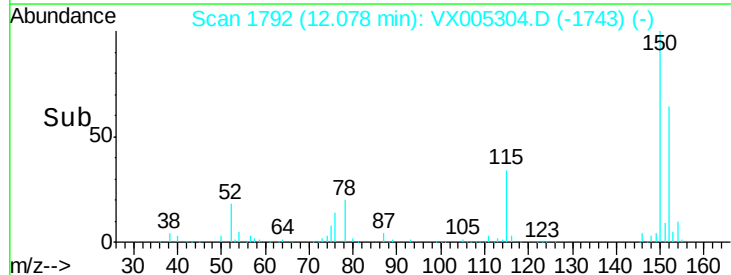
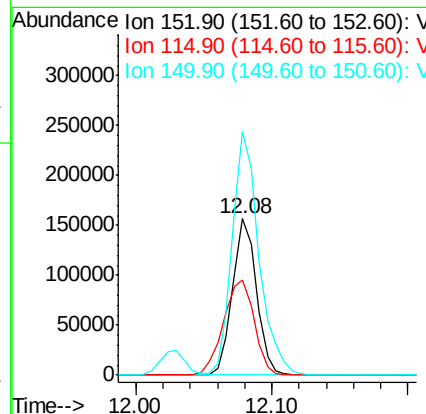
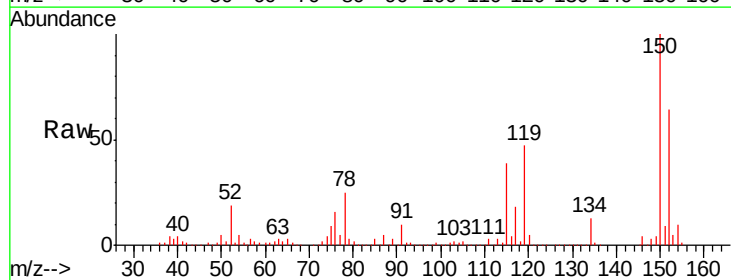
Acq: 12 Oct 2018 20:05

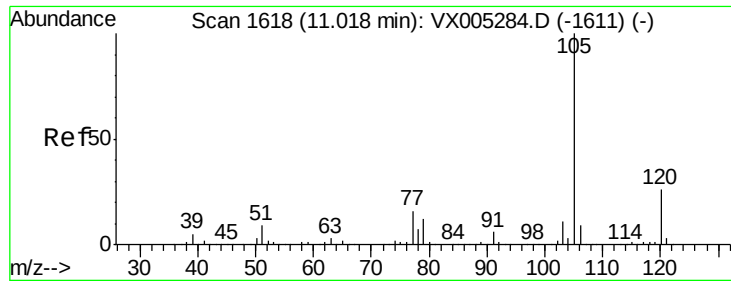
Tgt Ion:152 Resp: 192049  
Ion Ratio Lower Upper

152 100

115 77.8 39.0 117.0

150 174.1 0.0 351.0





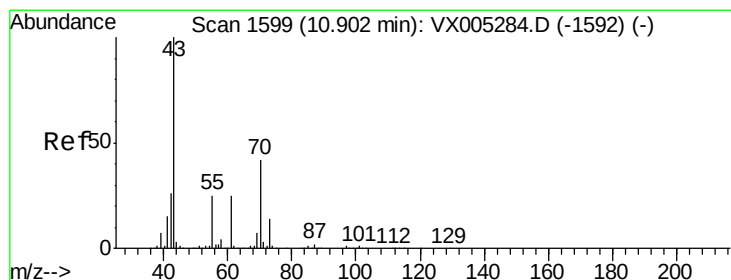
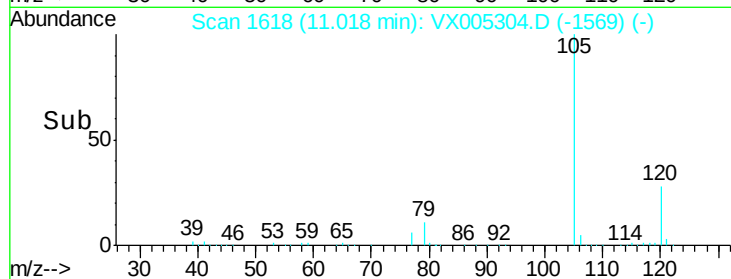
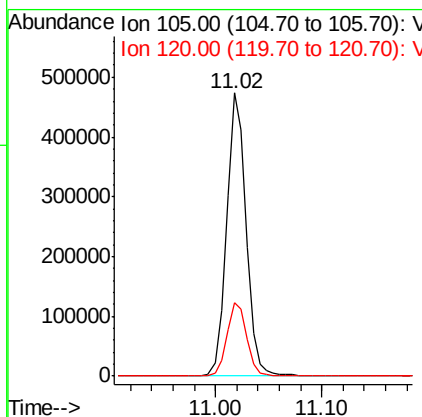
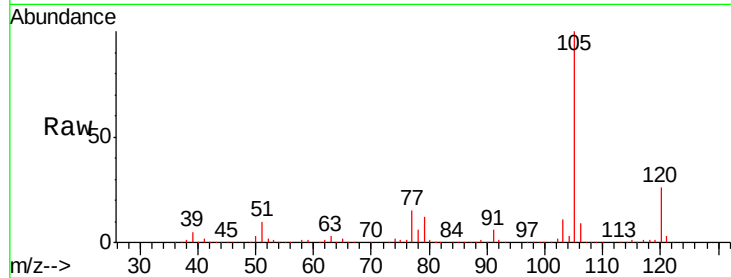
#73  
Isopropylbenzene  
Concen: 53.04 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 105 Resp: 605557  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.5 40.4

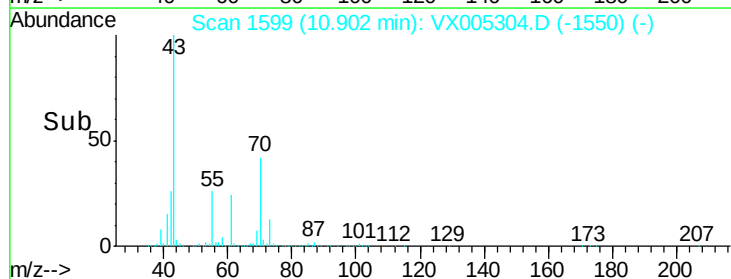
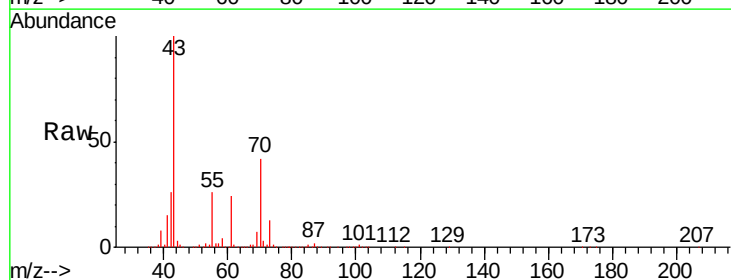
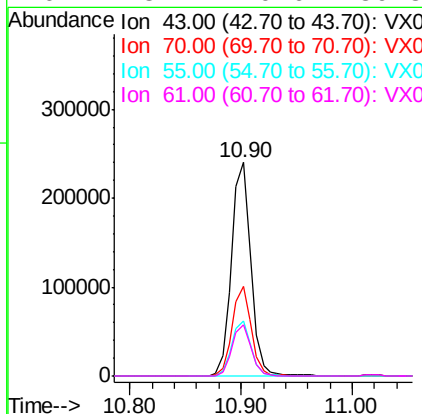
Manual Integrations  
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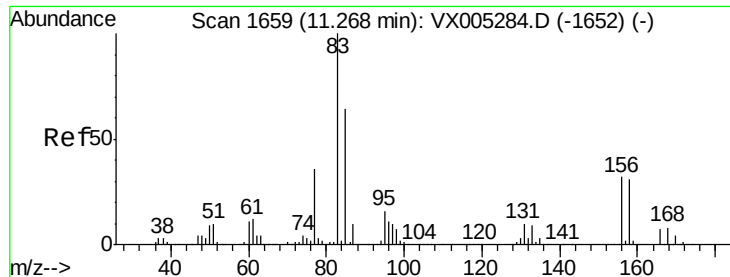
MMDadoda  
10/17/2018 9:05:55 AM



#74  
N-ethyl acetate  
Concen: 52.39 ug/l  
RT: 10.90 min Scan# 1599  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Tgt Ion: 43 Resp: 288476  
Ion Ratio Lower Upper  
43 100  
70 41.3 37.4 56.0  
55 25.9 21.8 32.8  
61 23.7 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.68 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 209647  
Ion Ratio Lower Upper

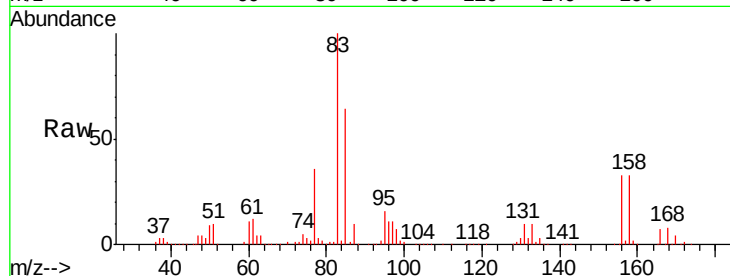
83 100

131 10.4 5.2 15.6

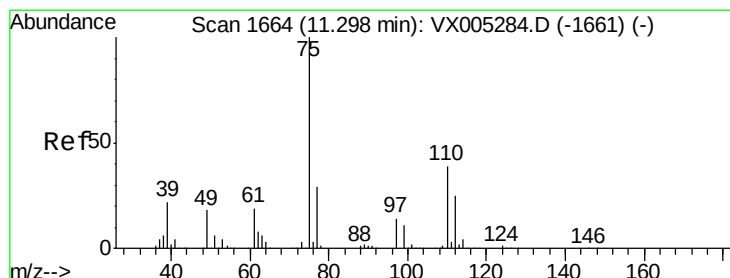
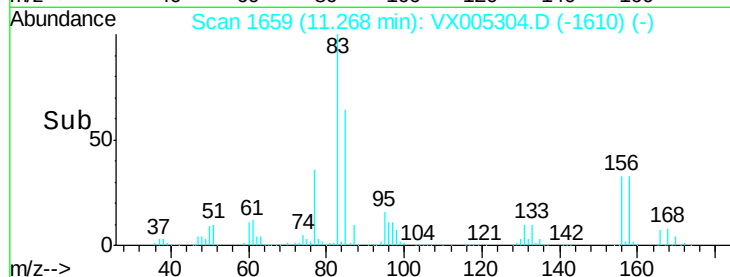
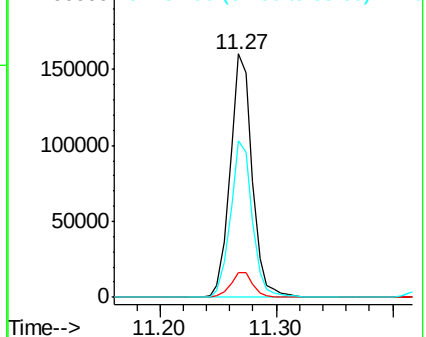
85 63.9 32.3 96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.63 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

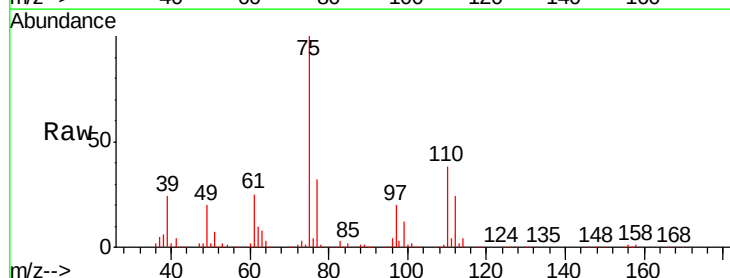
Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

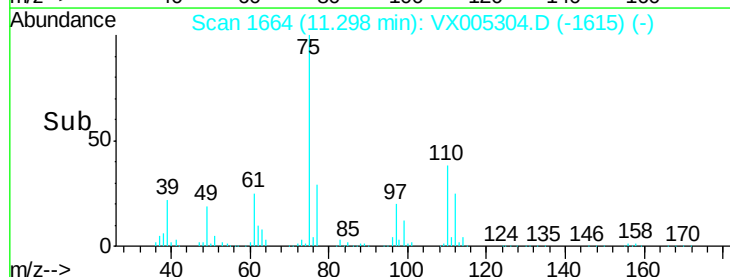
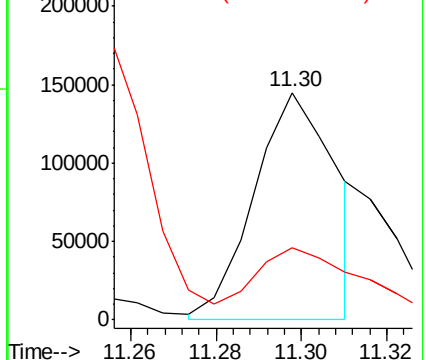
Tgt Ion: 75 Resp: 192320  
Ion Ratio Lower Upper

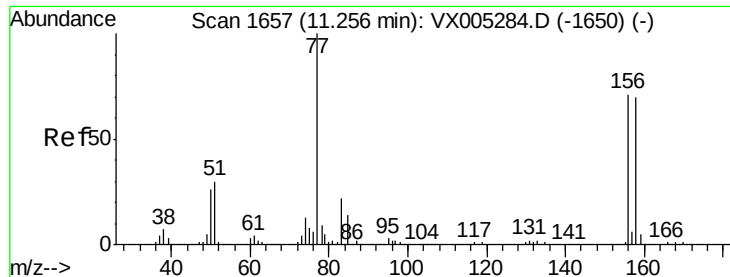
75 100

77 42.4 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.26 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 156 Resp: 164059

Ion Ratio Lower Upper

156 100

77 142.0 71.5 214.3

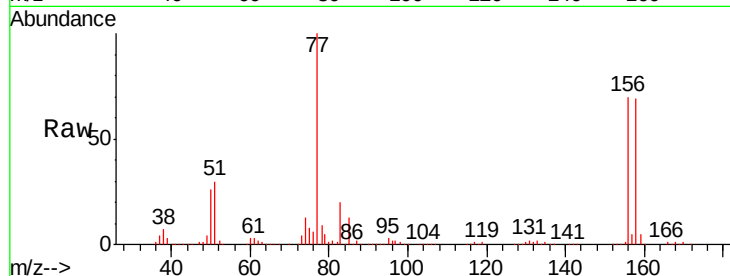
158 97.4 48.9 146.8

Manual Integrations

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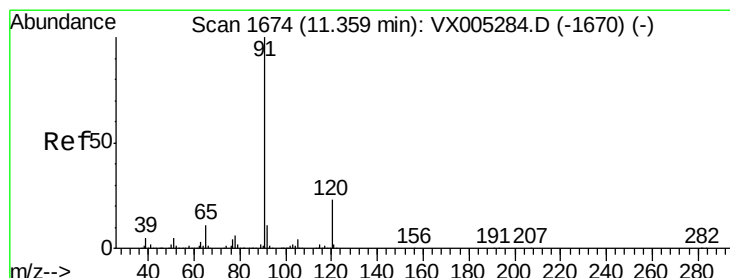
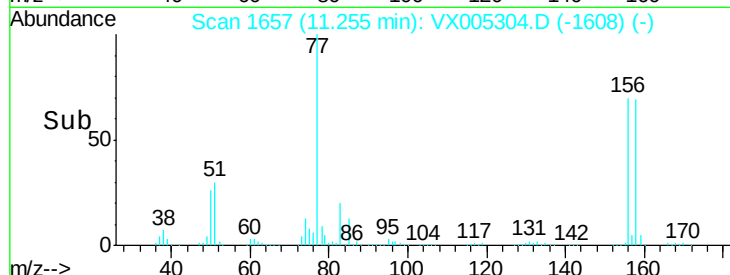
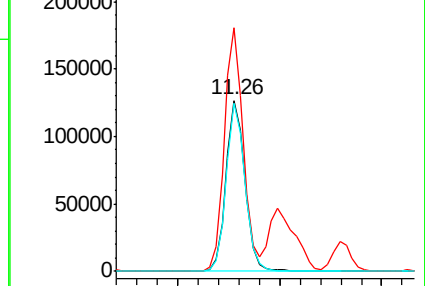
10/17/2018 9:05:55 AM



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: 52.63 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005304.D

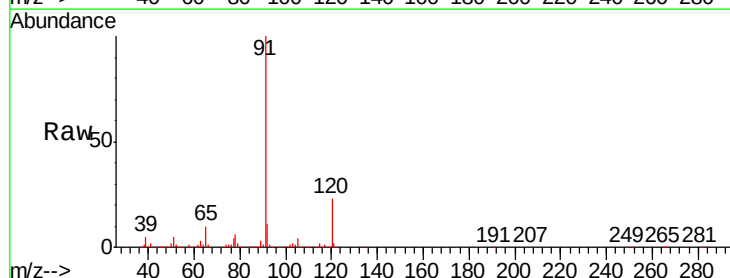
Acq: 12 Oct 2018 20:05

Tgt Ion: 91 Resp: 691422

Ion Ratio Lower Upper

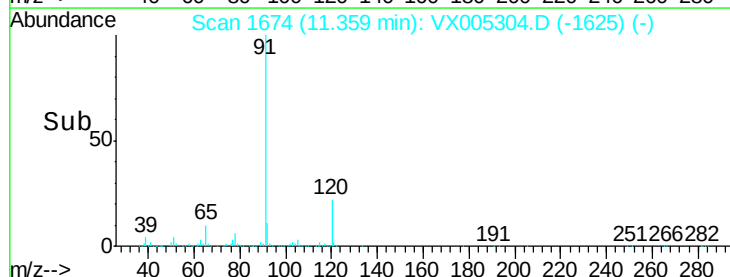
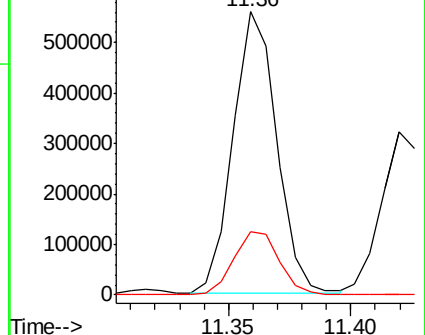
91 100

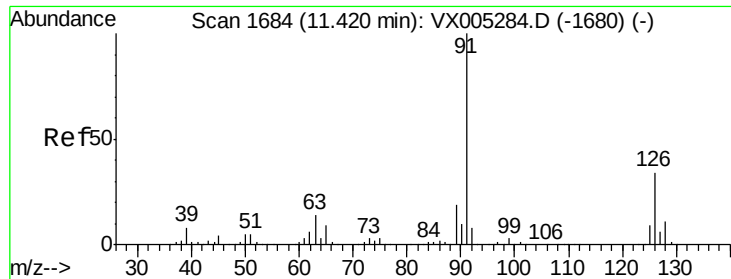
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





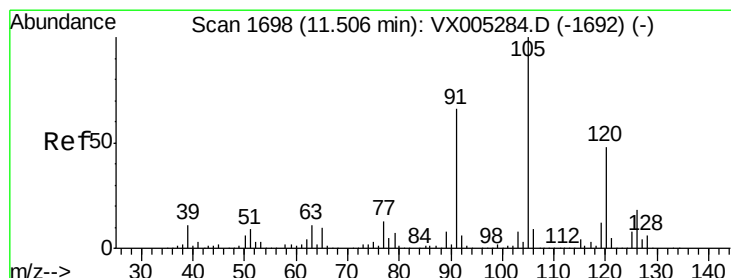
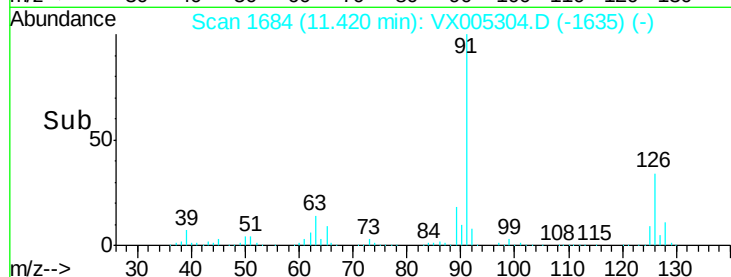
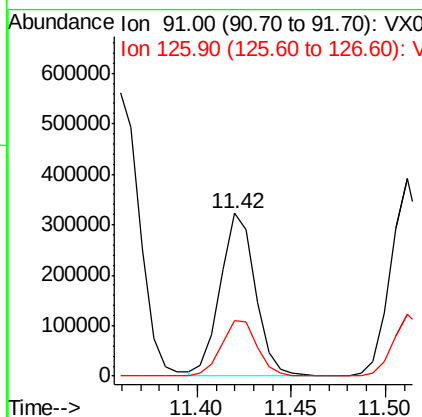
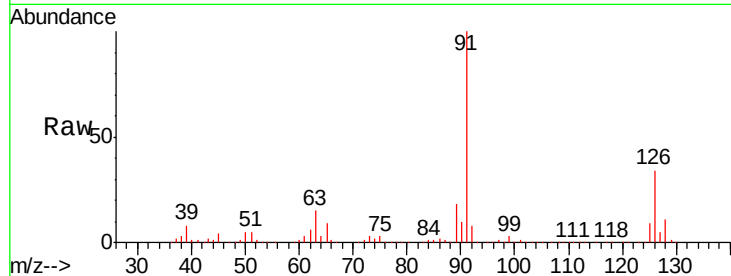
#79  
 2-Chlorotoluene  
 Concen: 51.16 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 91 Resp: 411609  
 Ion Ratio Lower Upper  
 91 100  
 126 35.8 17.9 53.7

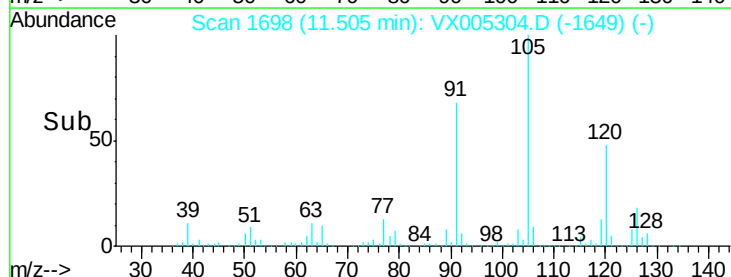
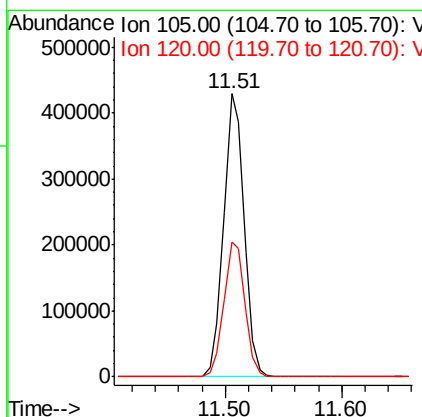
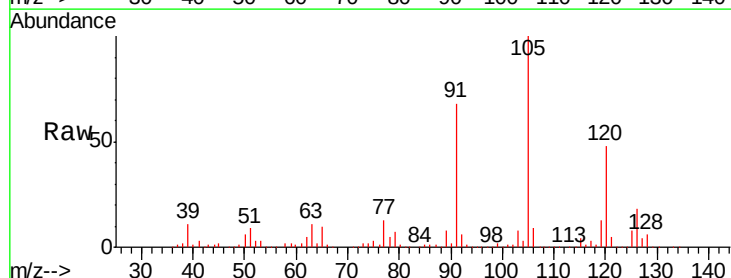
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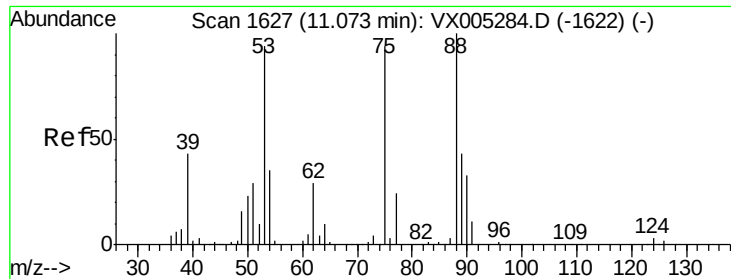
MMDadoda  
 10/17/2018 9:05:55 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 53.23 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Tgt Ion: 105 Resp: 520433  
 Ion Ratio Lower Upper  
 105 100  
 120 49.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.18 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 61524

Ion Ratio Lower Upper

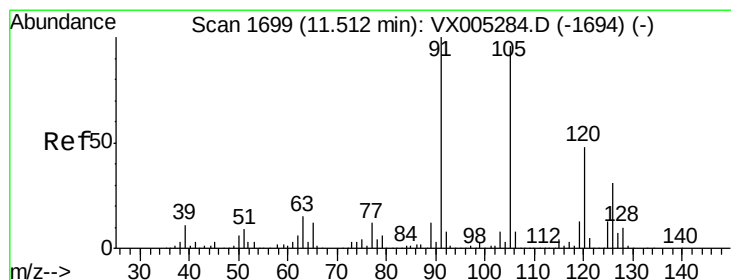
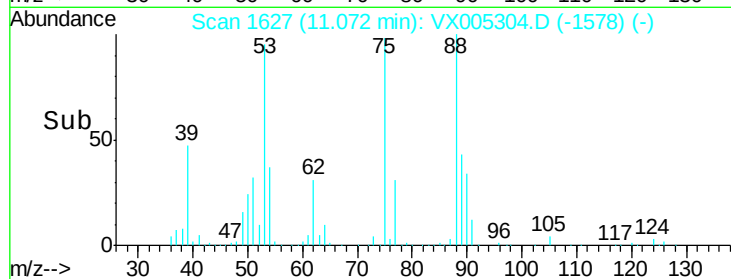
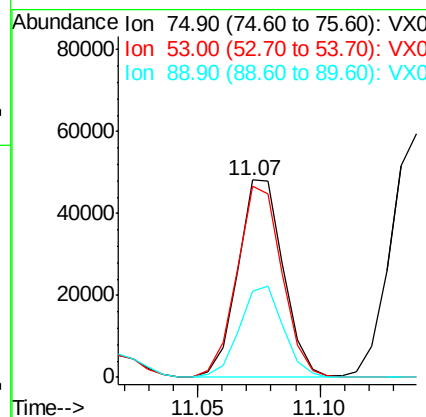
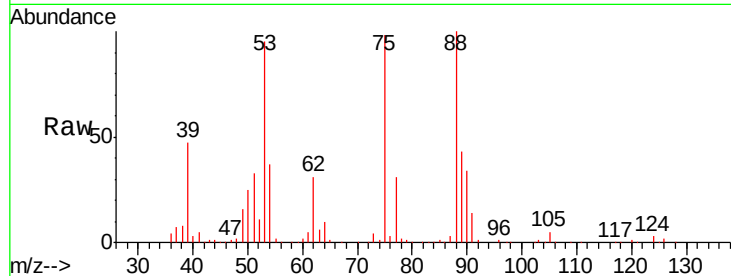
75 100

53 96.7 80.1 120.1

89 45.2 37.2 55.8

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 51.44 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005304.D

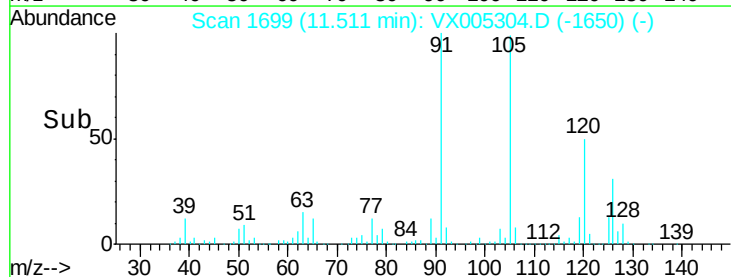
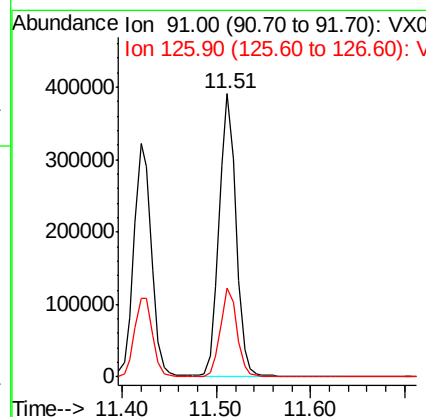
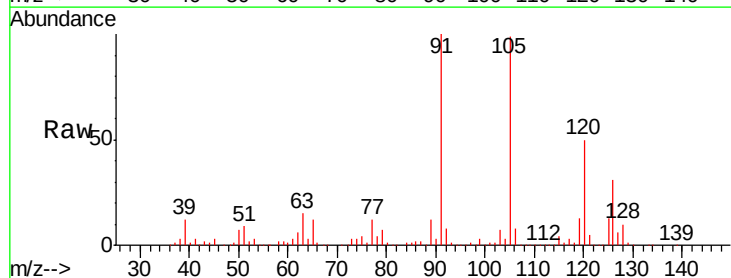
Acq: 12 Oct 2018 20:05

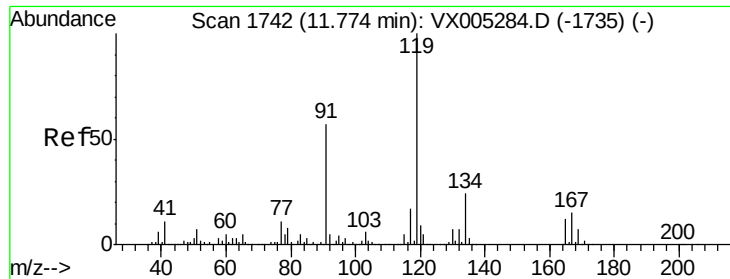
Tgt Ion: 91 Resp: 490638

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5





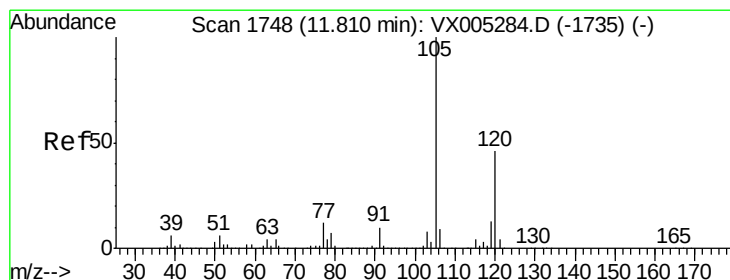
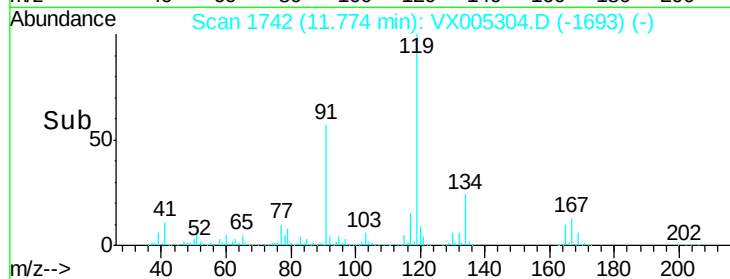
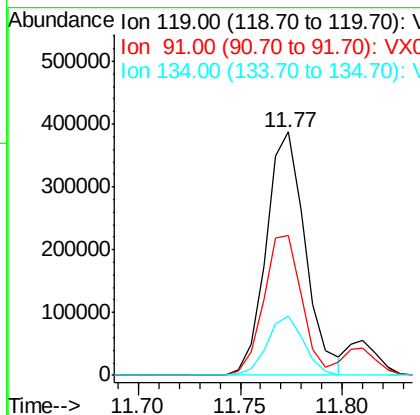
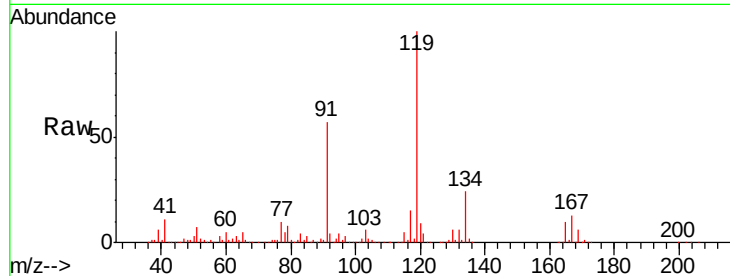
#83  
 tert-Butylbenzene  
 Concen: 52.24 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 517191 |       |       |
| 91      | 56.0  | 27.0   | 81.0  |       |
| 134     | 22.9  | 11.7   | 35.1  |       |

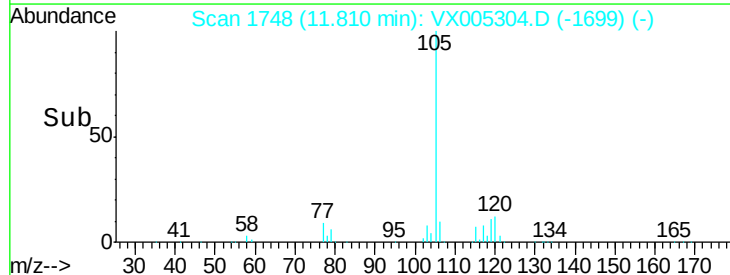
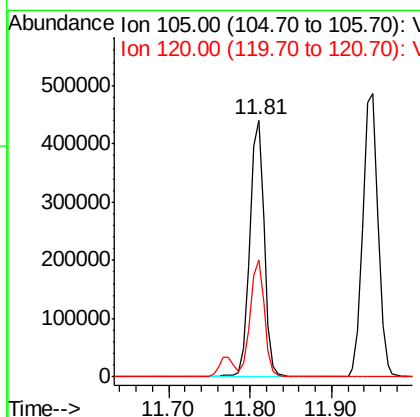
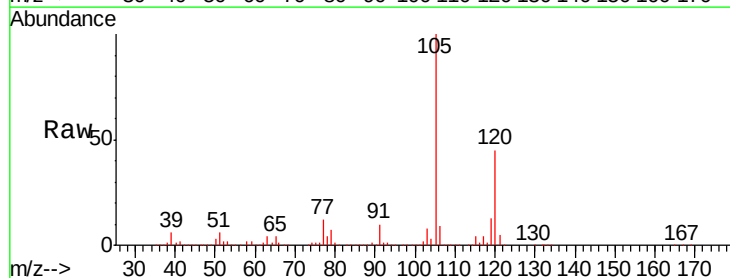
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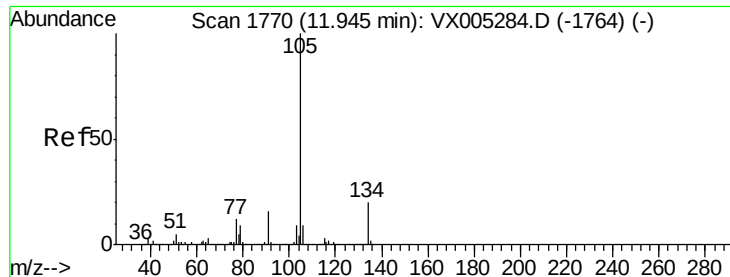
MMDadoda  
 10/17/2018 9:05:55 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.74 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 540690 |       |       |
| 120     | 44.9  | 23.2   | 69.6  |       |





#85

sec-Butylbenzene

Concen: 52.85 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 619243

Ion Ratio Lower Upper

105 100

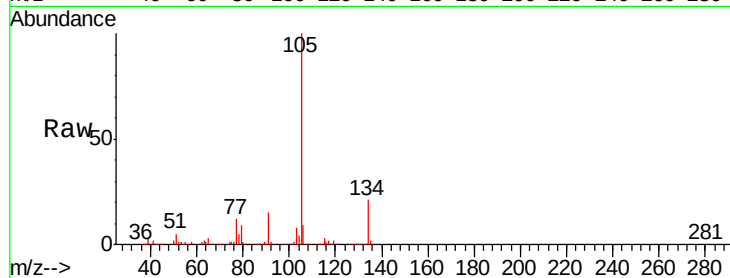
134 20.4 10.5 31.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

500000

400000

300000

200000

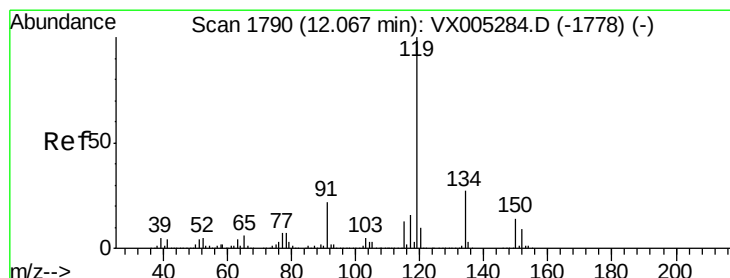
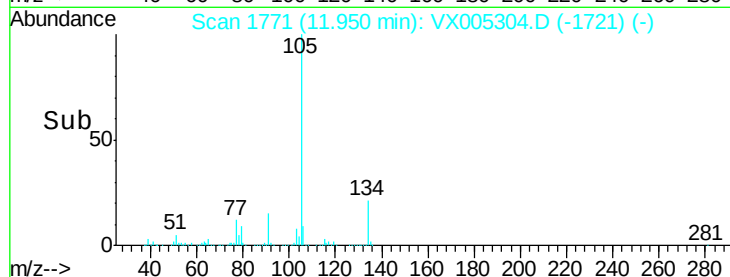
100000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 53.08 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005304.D

Acq: 12 Oct 2018 20:05

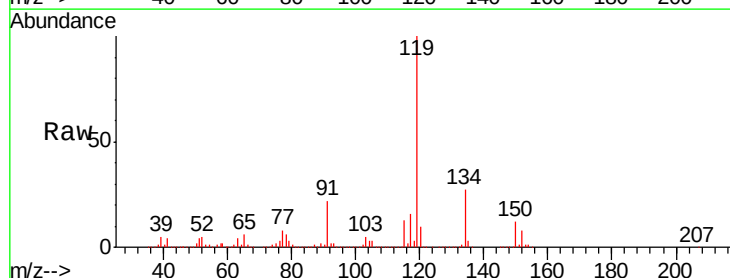
Tgt Ion:119 Resp: 562069

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.8 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): V

600000

400000

200000

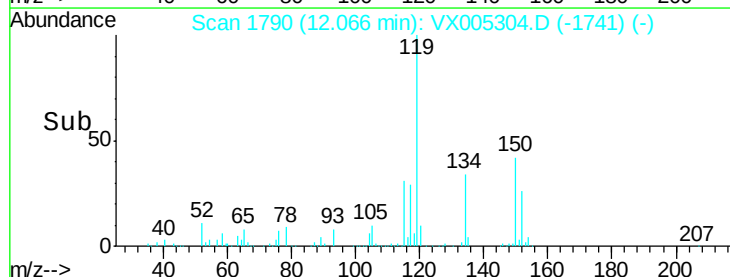
0

12.00

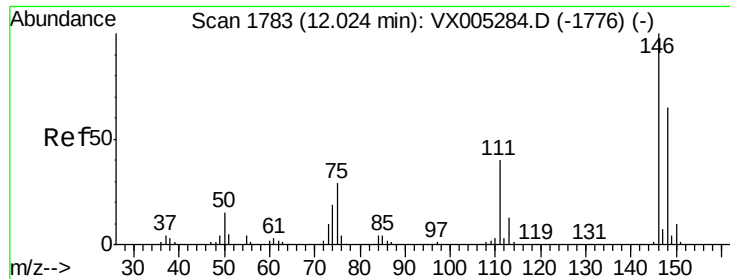
12.10

12.20

Time-->







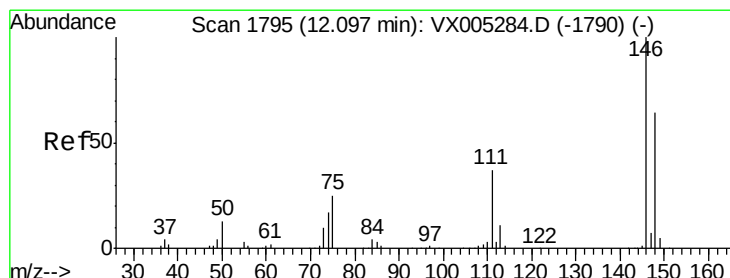
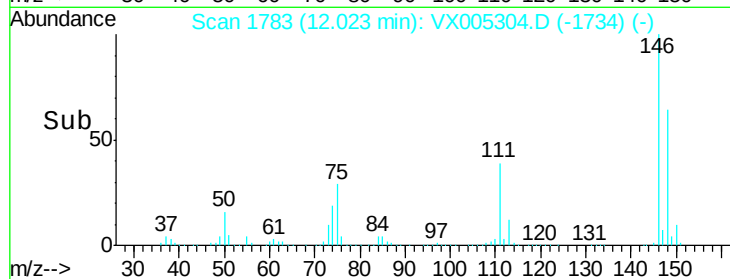
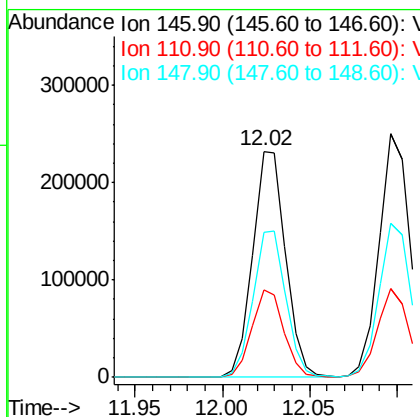
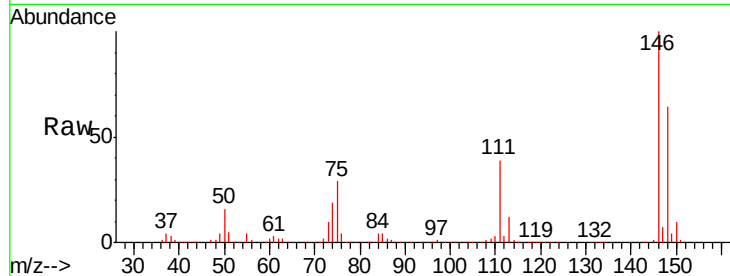
#87  
 1,3-Dichlorobenzene  
 Concen: 49.96 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.6  | 18.7  | 56.1  |
| 148     | 64.6  | 32.1  | 96.5  |

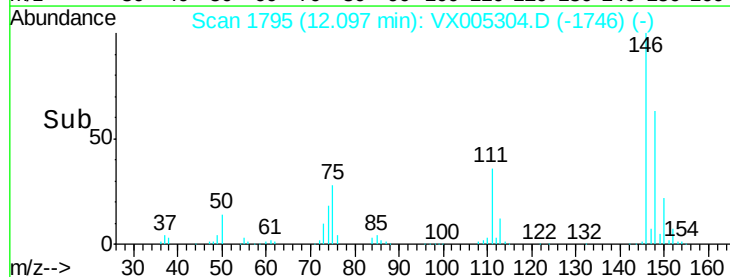
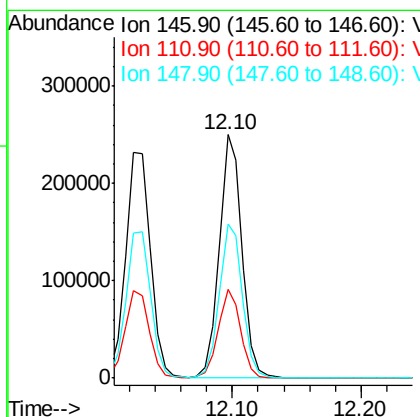
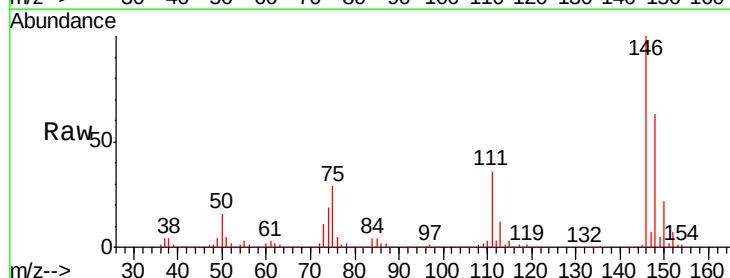
Manual Integrations  
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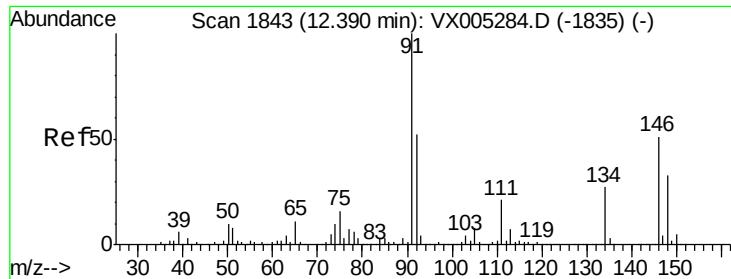
MMDadoda  
 10/17/2018 9:05:55 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 49.57 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.5  | 18.1  | 54.1  |
| 148     | 64.7  | 32.0  | 96.0  |





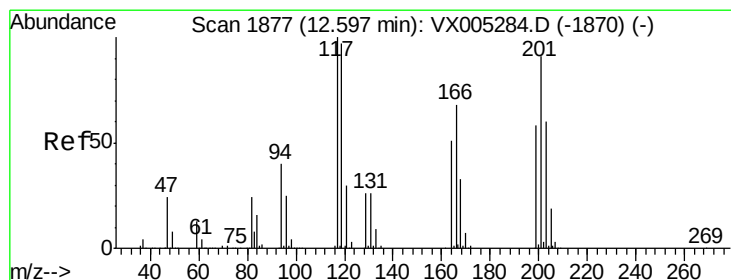
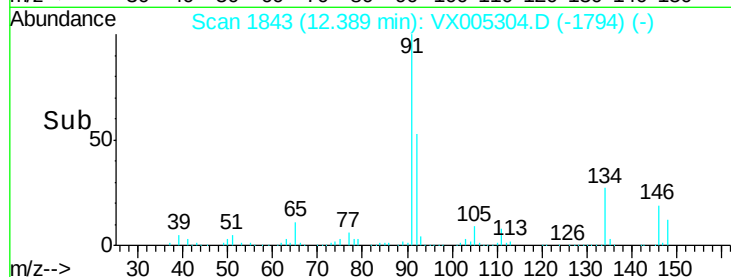
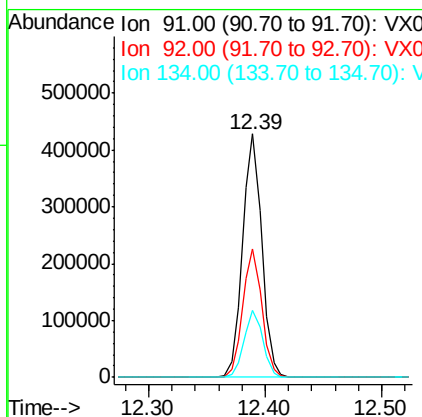
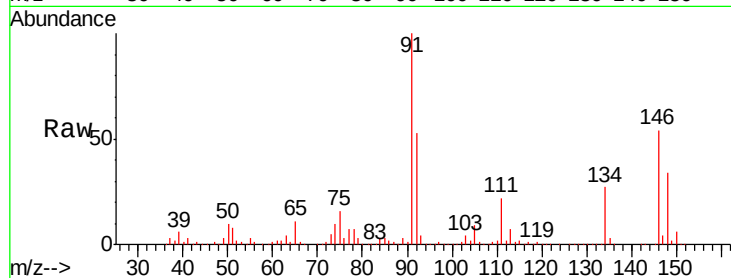
#89  
n-Butylbenzene  
Concen: 51.42 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.5  | 27.3  | 81.9  |
| 134     | 26.9  | 13.6  | 40.7  |

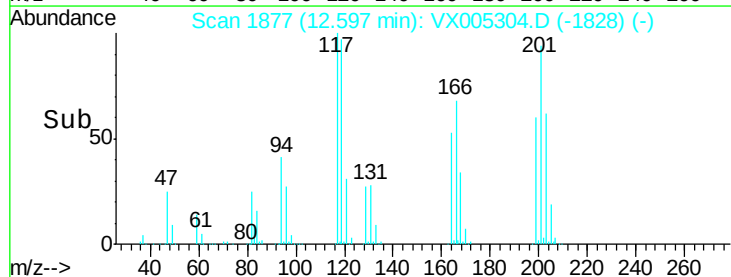
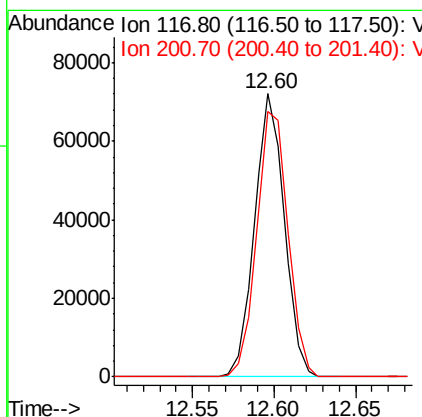
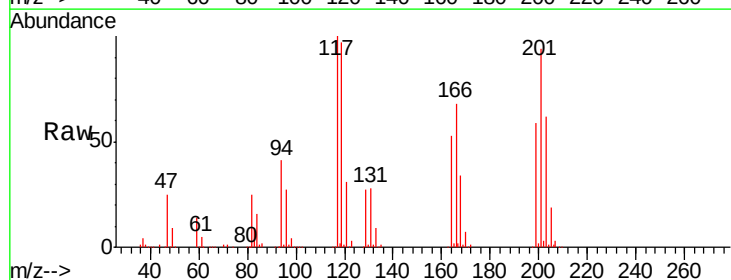
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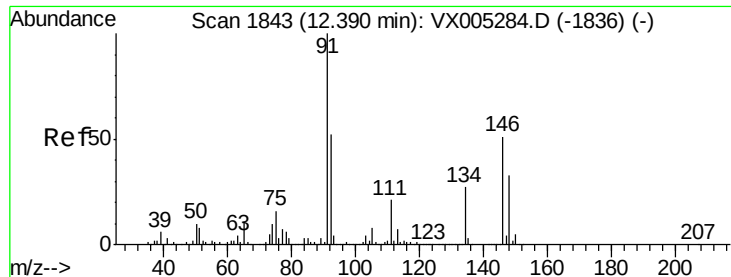
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#90  
Hexachloroethane  
Concen: 50.05 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 98.6  | 46.9  | 140.6 |





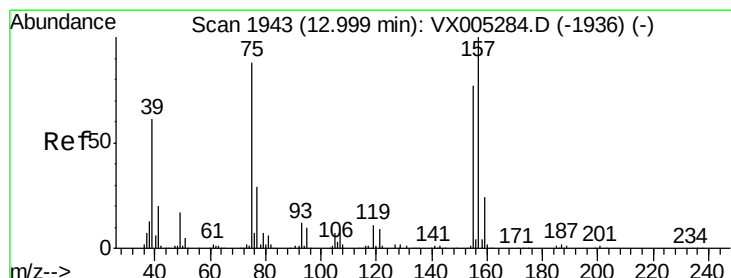
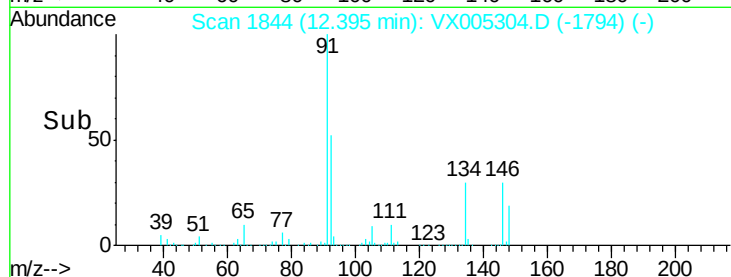
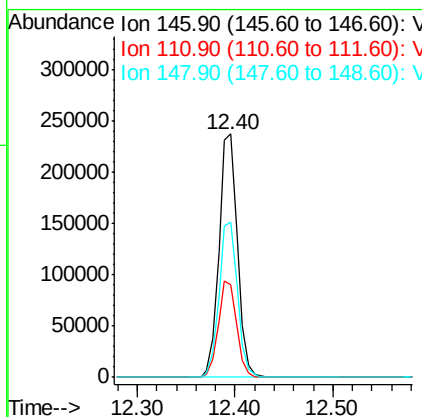
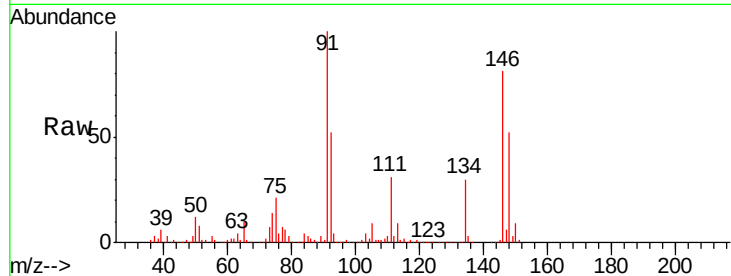
#91  
 1,2-Dichlorobenzene  
 Concen: 49.53 ug/l  
 RT: 12.40 min Scan# 1844  
 Delta R.T. 0.01 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 19.4  | 58.1  |
| 148     | 64.2  | 32.8  | 98.3  |

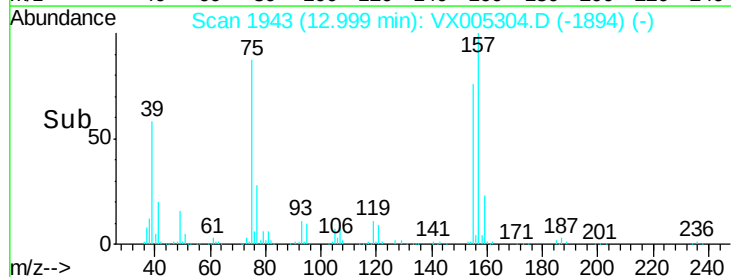
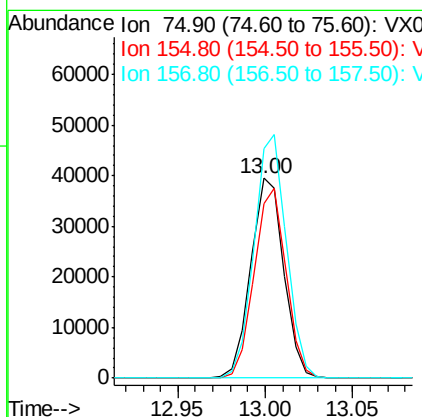
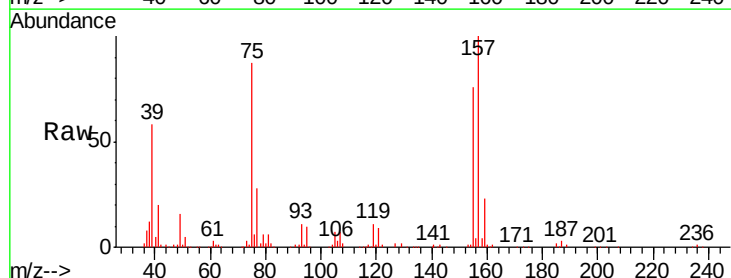
Manual Integrations  
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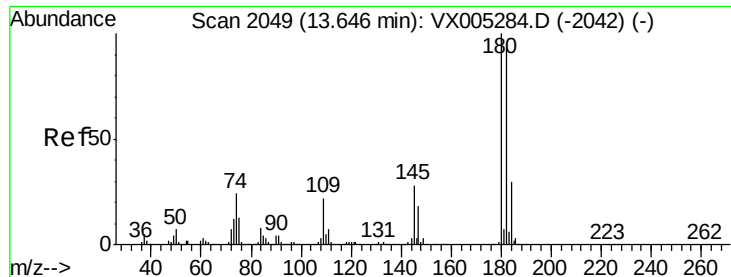
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.24 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.8  | 48.0  | 144.2 |
| 157     | 119.4 | 61.4  | 184.1 |





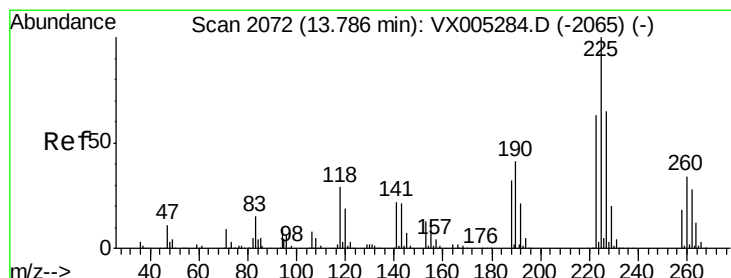
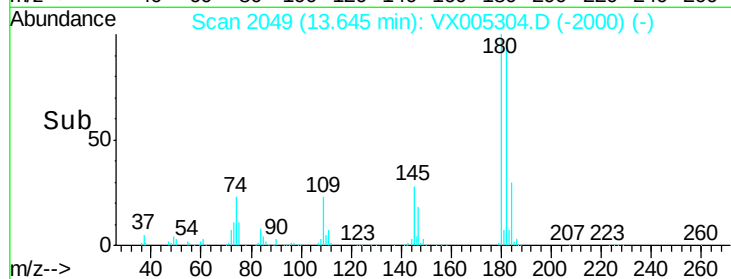
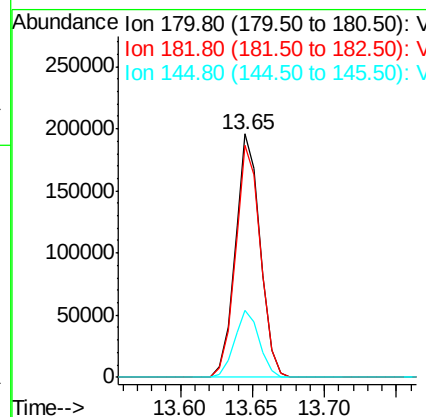
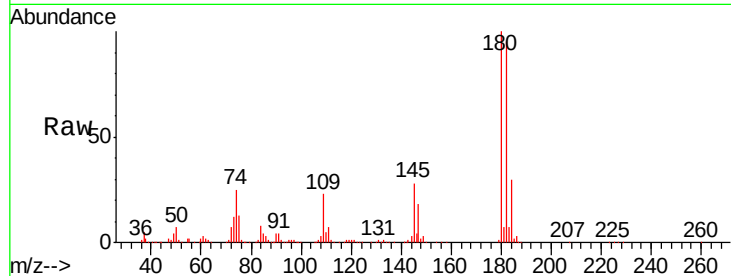
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.63 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 235796 |       |       |
| 182     | 95.7  | 48.4   | 145.0 |       |
| 145     | 27.6  | 14.3   | 42.9  |       |

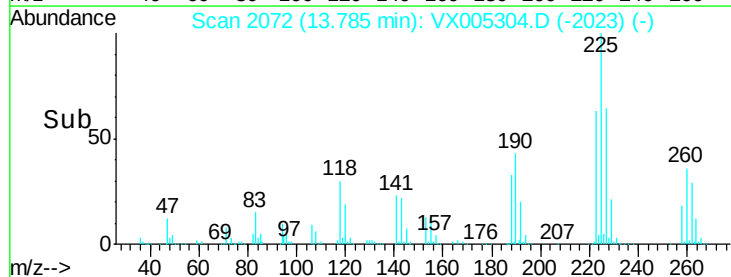
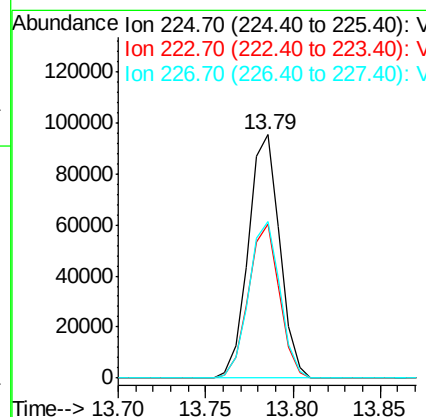
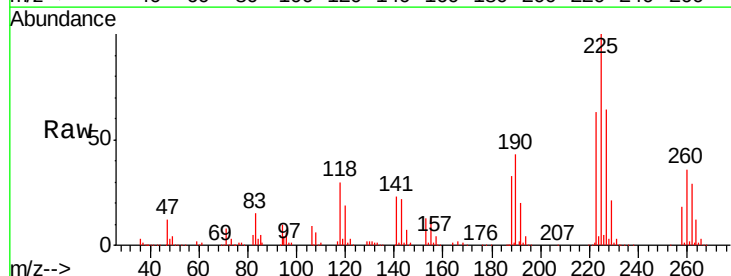
Manual Integrations  
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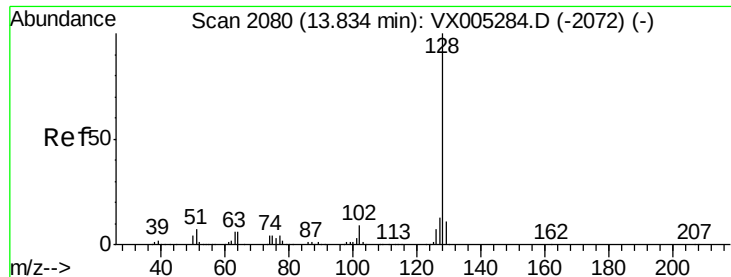
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#94  
 Hexachlorobutadiene  
 Concen: 49.23 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. -0.00 min  
 Lab File: VX005304.D  
 Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 118735 |       |       |
| 223     | 62.4  | 30.1   | 90.5  |       |
| 227     | 63.9  | 30.8   | 92.4  |       |





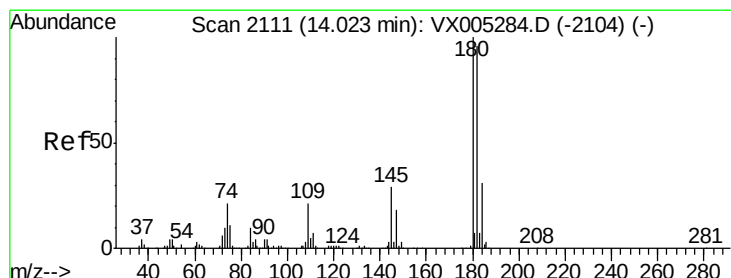
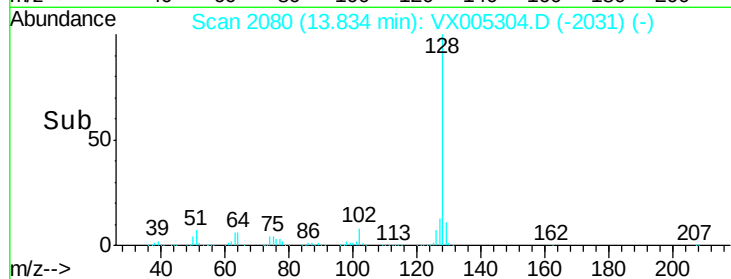
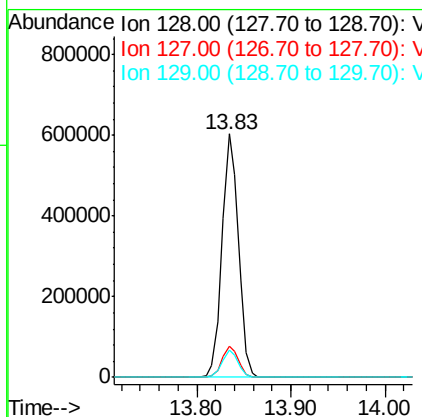
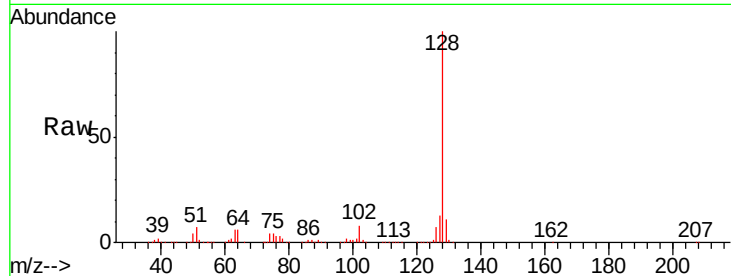
#95  
Naphthalene  
Concen: 54.90 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 727117 |       |       |
| 127     | 12.9  | 10.2   | 15.2  |       |
| 129     | 10.8  | 8.6    | 12.8  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 52.22 ug/l  
RT: 14.02 min Scan# 2111  
Delta R.T. -0.00 min  
Lab File: VX005304.D  
Acq: 12 Oct 2018 20:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 244008 |       |       |
| 182     | 95.9  | 48.5   | 145.6 |       |
| 145     | 29.2  | 14.9   | 44.9  |       |

