

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\  
 Data File : VX011640.D  
 Acq On : 19 Aug 2019 18:27  
 Operator : JC/SP  
 Sample : K4351-03MSD  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PH2-0142MSD

Manual Integrations  
 APPROVED

MMDadoda  
 8/20/2019 3:41:52 PM

Quant Time: Aug 20 11:41:52 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081519W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 16 04:15:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 316685   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 444615   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 407756   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 209787   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 148613   | 50.60 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.20% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 143360   | 49.30 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.60%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 437851   | 48.32 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.64%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 198632   | 51.94 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.88% |      |

## Target Compounds

|                               |      |     |         |          |        | Qvalue |
|-------------------------------|------|-----|---------|----------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 160326  | 51.505   | ug/l   | 99     |
| 3) Chloromethane              | 1.32 | 50  | 169109  | 52.306   | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 154883  | 53.032   | ug/l   | 97     |
| 5) Bromomethane               | 1.63 | 94  | 78167   | 59.732   | ug/l   | 100    |
| 6) Chloroethane               | 1.71 | 64  | 82933   | 59.998   | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 218244  | 53.950   | ug/l   | 98     |
| 8) Diethyl Ether              | 2.18 | 74  | 81783   | 58.936   | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 128360  | 45.940   | ug/l   | 97     |
| 10) Methyl Iodide             | 2.50 | 142 | 205312  | 51.581   | ug/l   | 100    |
| 11) Tert butyl alcohol        | 3.04 | 59  | 209176  | 290.325  | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 144584  | 53.545   | ug/l   | 99     |
| 13) Acrolein                  | 2.29 | 56  | 67350   | 301.177  | ug/l # | 15     |
| 14) Allyl chloride            | 2.72 | 41  | 254284  | 56.610   | ug/l   | 99     |
| 15) Acrylonitrile             | 3.14 | 53  | 484287  | 293.687  | ug/l   | 98     |
| 16) Acetone                   | 2.43 | 43  | 398504  | 269.862  | ug/l   | 100    |
| 17) Carbon Disulfide          | 2.56 | 76  | 335693  | 52.759   | ug/l   | 99     |
| 18) Methyl Acetate            | 2.76 | 43  | 260748  | 56.935   | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 514078  | 58.456   | ug/l # | 45     |
| 20) Methylene Chloride        | 2.85 | 84  | 165029  | 53.226   | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 156971  | 54.857   | ug/l   | 98     |
| 22) Diisopropyl ether         | 3.85 | 45  | 507472  | 56.730   | ug/l   | 97     |
| 23) Vinyl Acetate             | 3.81 | 43  | 1974095 | 278.683  | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 282101  | 55.777   | ug/l   | 99     |
| 25) 2-Butanone                | 4.67 | 43  | 659290  | 284.387  | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 179758  | 47.223   | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 184625  | 55.347   | ug/l   | 99     |
| 28) Bromochloromethane        | 5.01 | 49  | 112249  | 50.557   | ug/l   | 99     |
| 29) Tetrahydrofuran           | 5.12 | 42  | 435587  | 286.433  | ug/l   | 99     |
| 30) Chloroform                | 5.20 | 83  | 295305  | 55.326   | ug/l   | 97     |
| 31) Cyclohexane               | 5.57 | 56  | 4805384 | 1103.527 | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 256883  | 55.971   | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 206638  | 54.358   | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.82 | 43  | 237976  | 54.428   | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 220560  | 52.663   | ug/l   | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081919\  
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 Operator : JC/SP  
 Sample : K4351-03MSD  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 PH2-0142MSD

Manual Integrations  
 APPROVED

MMDadoda  
 8/20/2019 3:41:52 PM

Quant Time: Aug 20 11:41:52 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081519W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 16 04:15:26 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response  | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|-----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 4397153   | 936.668  | ug/l   | 99       |
| 40) Benzene                    | 6.13  | 78   | 650637    | 55.077   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.04  | 41   | 138530    | 57.567   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 231867    | 56.652   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.44  | 43   | 418690    | 61.360   | ug/l   | 97       |
| 44) Trichloroethene            | 7.21  | 130  | 192341    | 54.886   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 159130    | 54.014   | ug/l   | 96       |
| 46) Dibromomethane             | 7.66  | 93   | 117210    | 54.748   | ug/l   | 95       |
| 47) Bromodichloromethane       | 7.90  | 83   | 216306    | 55.026   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.76  | 41   | 165614    | 49.011   | ug/l # | 35       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 92158     | 1025.383 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 1238739   | 277.353  | ug/l   | 98       |
| 52) Toluene                    | 8.79  | 92   | 6670749   | 886.358  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 229443    | 56.240   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 242143    | 54.235   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 171464    | 53.575   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 299840    | 64.459   | ug/l # | 90       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 283222    | 55.671   | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 995911    | 289.156  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 199090    | 59.705   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 195617    | 57.270   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 167064    | 49.936   | ug/l   | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 484427    | 55.700   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 184085    | 56.630   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 20203169m | 1391.923 | ug/l   |          |
| 68) m/p-Xylenes                | 10.37 | 106  | 26269226m | 4714.966 | ug/l   |          |
| 69) o-Xylene                   | 10.70 | 106  | 6851056   | 1255.364 | ug/l   | 83       |
| 70) Styrene                    | 10.71 | 104  | 837976    | 91.211   | ug/l # | 1        |
| 71) Bromoform                  | 10.85 | 173  | 144327    | 45.973   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 3926987   | 288.478  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 328434    | 56.774   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 265674    | 56.734   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 295495    | 74.281   | ug/l   | 85       |
| 77) Bromobenzene               | 11.26 | 156  | 236223    | 58.326   | ug/l   | 97       |
| 78) n-propylbenzene            | 11.36 | 91   | 3900171   | 265.703  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 1813724m  | 201.224  | ug/l   |          |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 4048921   | 354.075  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 77102     | 52.280   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 965629    | 92.343   | ug/l   | 76       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 654026    | 56.156   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 8889291   | 774.322  | ug/l   | 95       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 896987    | 68.264   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 849233    | 68.698   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 391081    | 56.178   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 394329    | 55.888   | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.38 | 91   | 729952    | 71.824   | ug/l   | 88       |
| 90) Hexachloroethane           | 12.59 | 117  | 141140    | 72.301   | ug/l   | 71       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 388837    | 55.643   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 65414     | 61.058   | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene     | 13.64 | 180  | 311361    | 59.799   | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\  
Data File : VX011640.D  
Acq On : 19 Aug 2019 18:27  
Operator : JC/SP  
Sample : K4351-03MSD  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

Manual Integrations  
APPROVED

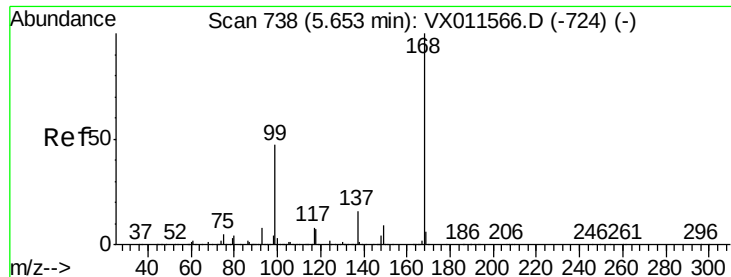
MMDadoda  
8/20/2019 3:41:52 PM

Quant Time: Aug 20 11:41:52 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081519W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 16 04:15:26 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 94) Hexachlorobutadiene    | 13.78 | 225  | 141388   | 49.868  | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 3119734  | 211.940 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 313867   | 59.765  | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion:168 Resp: 316685

Ion Ratio Lower Upper

168 100

99 47.0

37.3

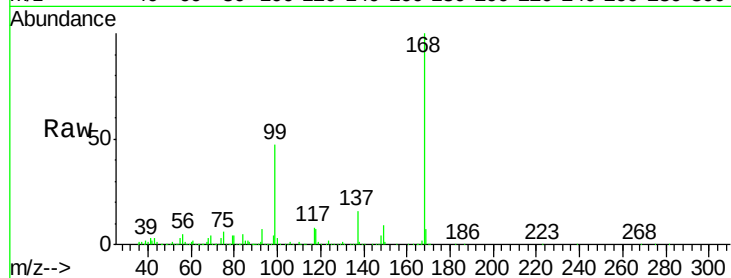
55.9

Manual Integrations

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8/20/2019 3:41:52 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

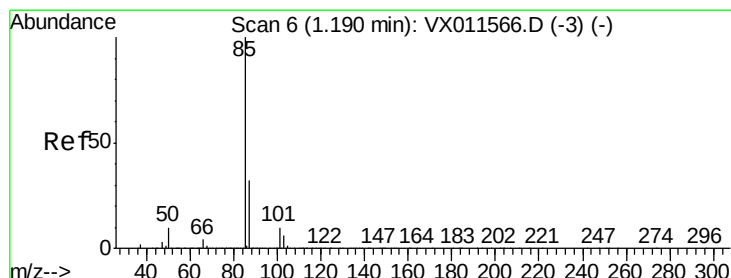
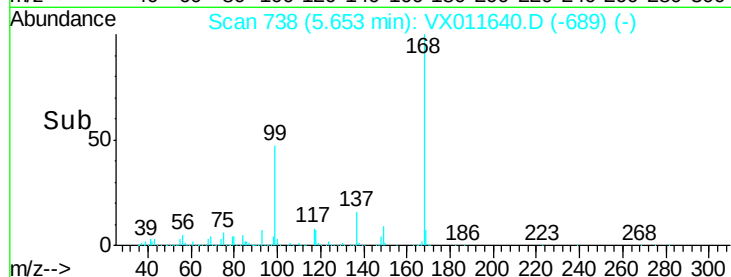
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.505 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Tgt Ion: 85 Resp: 160326

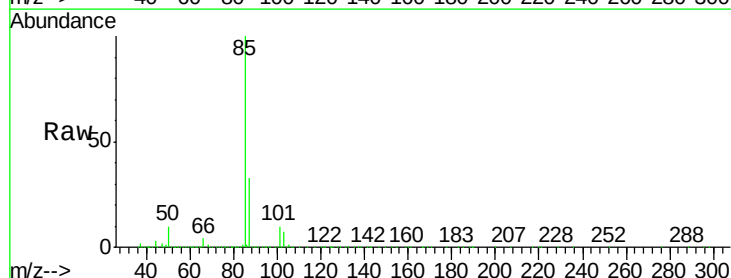
Ion Ratio Lower Upper

85 100

87 32.5

16.1

48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

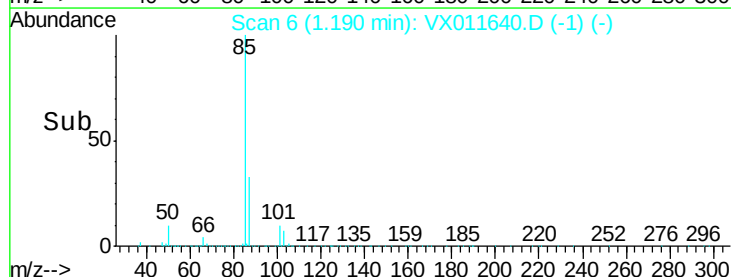
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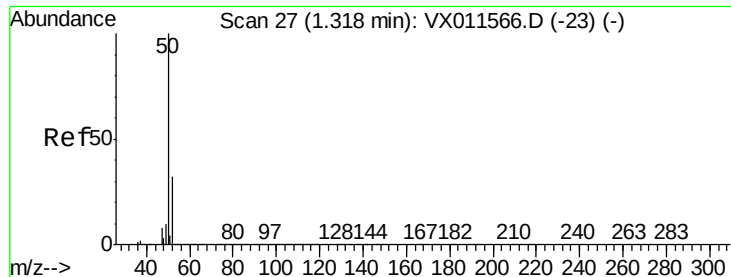
100000

50000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 52.306 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion: 50 Resp: 169109

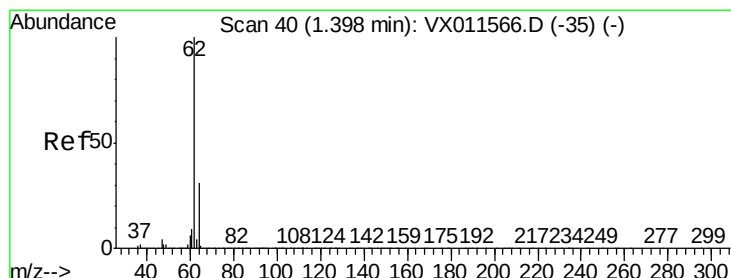
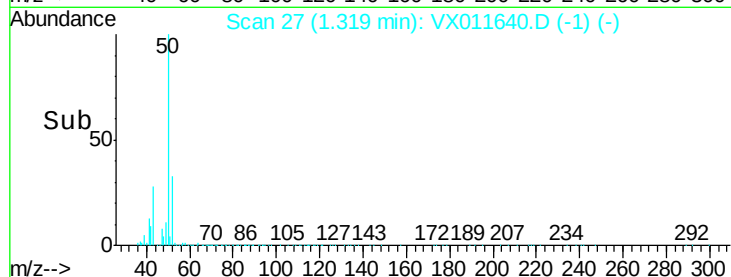
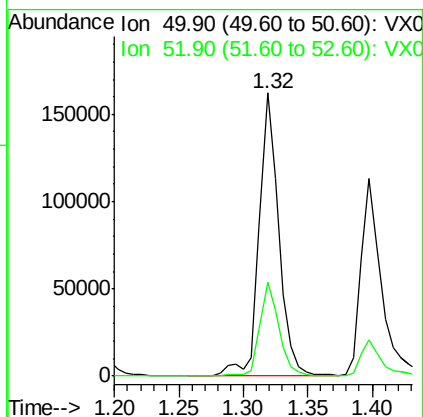
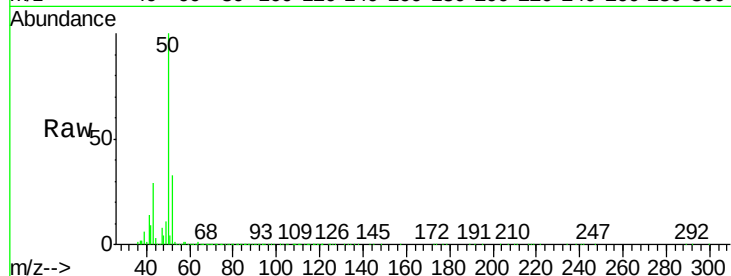
Ion Ratio Lower Upper

50 100

52 33.2 26.0 39.0

Manual Integrations  
APPROVED

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8/20/2019 3:41:52 PM



#4

Vinyl Chloride

Concen: 53.032 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011640.D

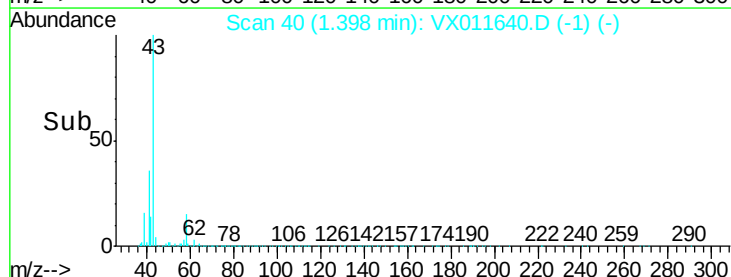
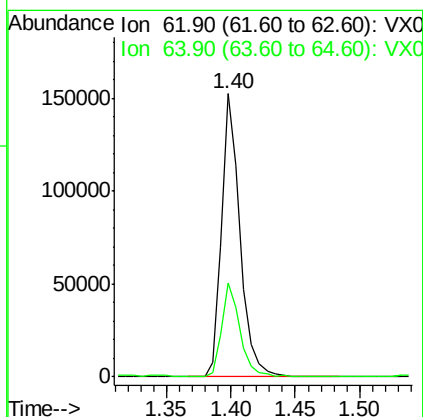
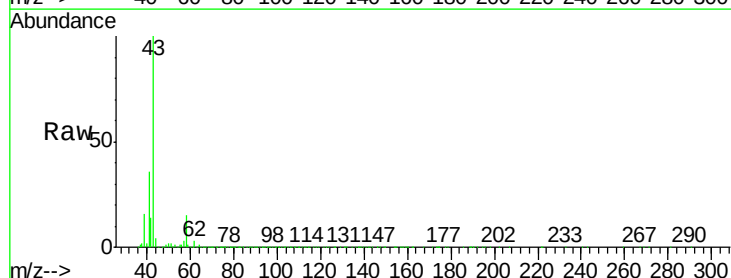
Acq: 19 Aug 2019 18:27

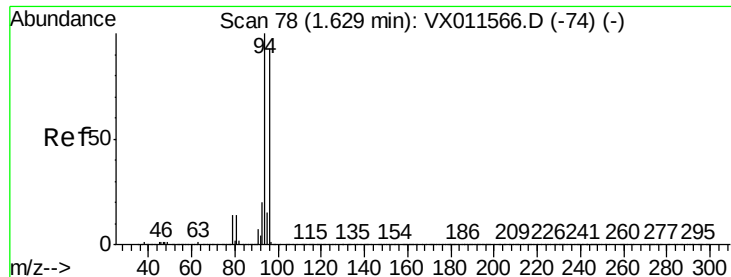
Tgt Ion: 62 Resp: 154883

Ion Ratio Lower Upper

62 100

64 33.0 25.0 37.4





#5

Bromomethane

Concen: 59.732 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion: 94 Resp: 78167

Ion Ratio Lower Upper

94 100

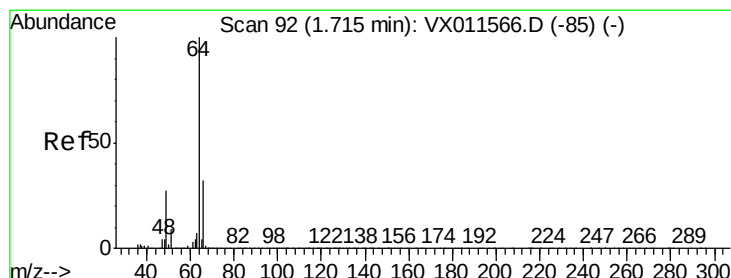
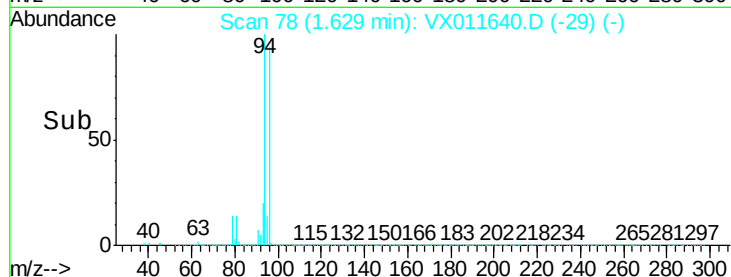
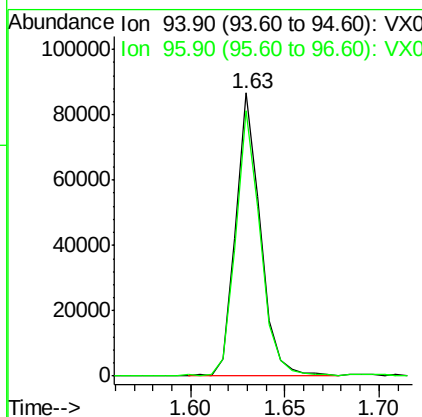
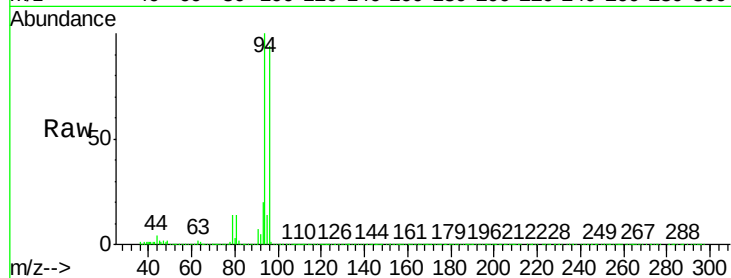
96 93.4 74.8 112.2

Manual Integrations

APPROVED

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8/20/2019 3:41:52 PM



#6

Chloroethane

Concen: 59.998 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011640.D

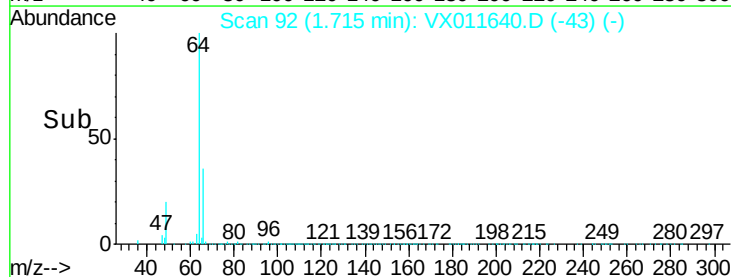
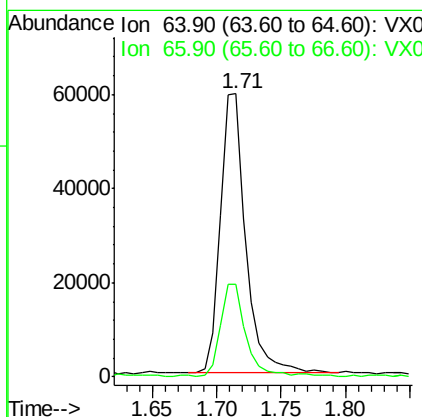
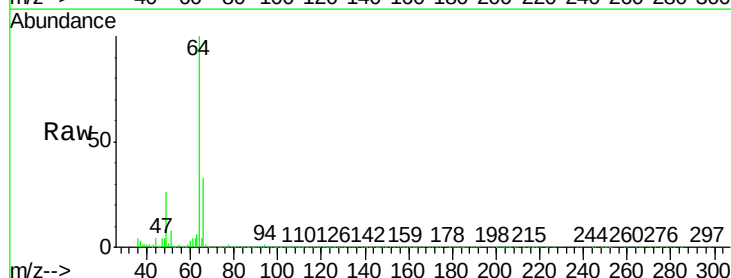
Acq: 19 Aug 2019 18:27

Tgt Ion: 64 Resp: 82933

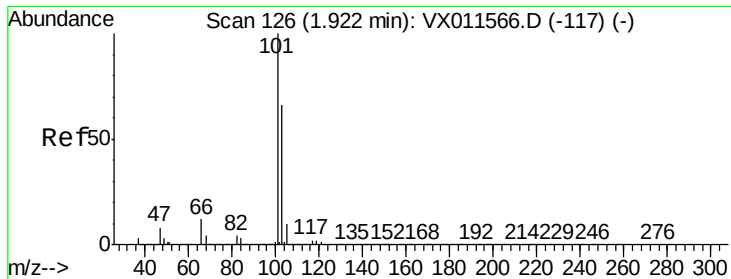
Ion Ratio Lower Upper

64 100

66 32.8 25.3 37.9







#7

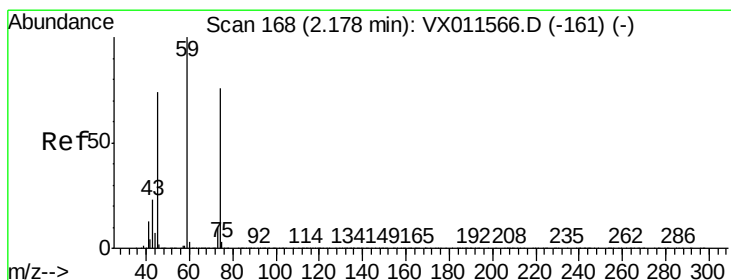
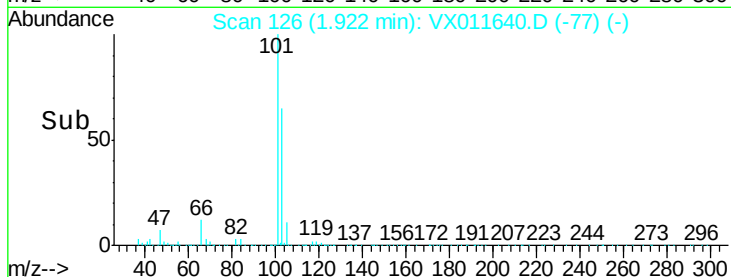
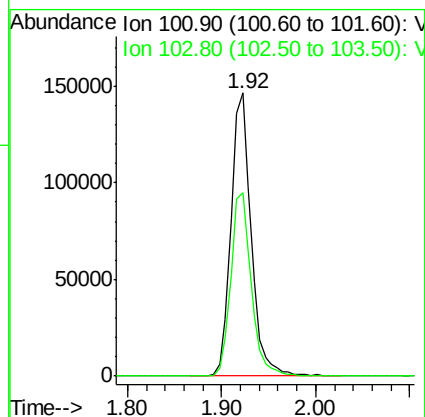
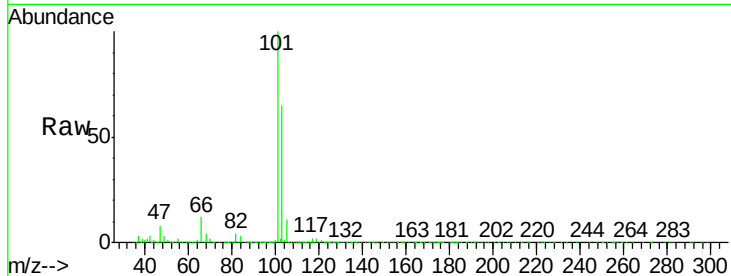
Trichlorofluoromethane  
Concen: 53.950 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.9  | 52.9  | 79.3  |

Manual Integrations  
APPROVED

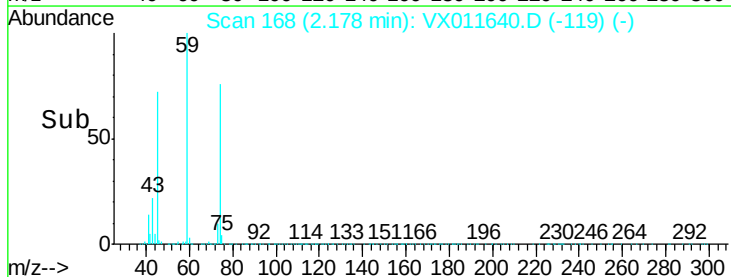
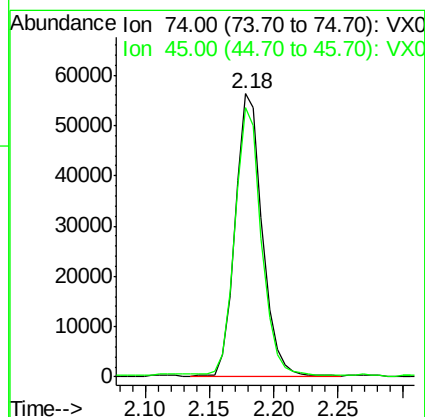
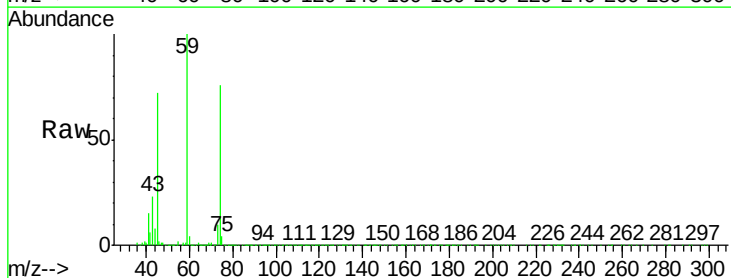
MMDadoda  
8/20/2019 3:41:52 PM



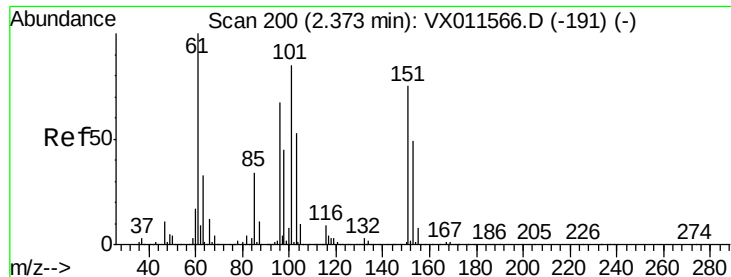
#8

Diethyl Ether  
Concen: 58.936 ug/l  
RT: 2.18 min Scan# 168  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.6  | 48.2  | 144.6 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.940 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

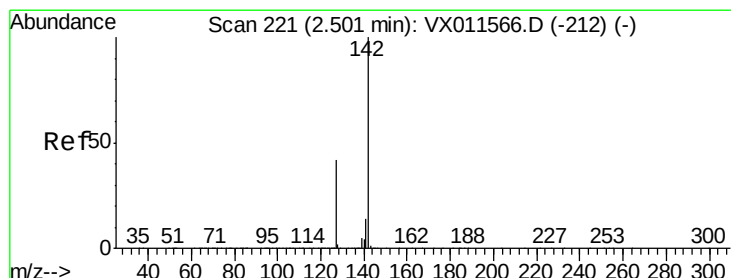
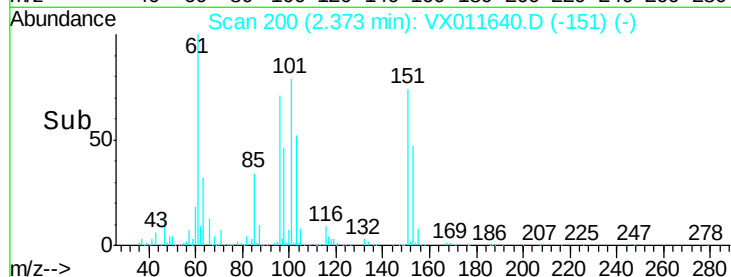
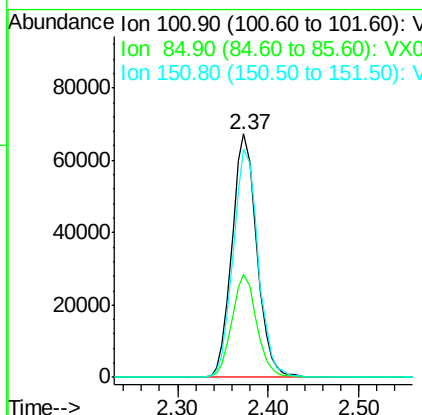
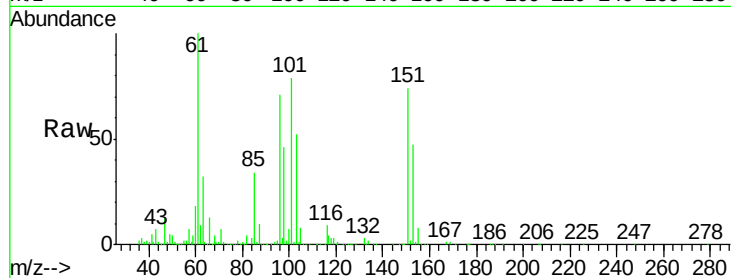
ClientSampleId :

PH2-0142MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 128360 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.4  | 33.0  | 49.4   |
| 151       | 94.3  | 73.3  | 109.9  |

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8/20/2019 3:41:52 PM



#10

Methyl Iodide

Concen: 51.581 ug/l

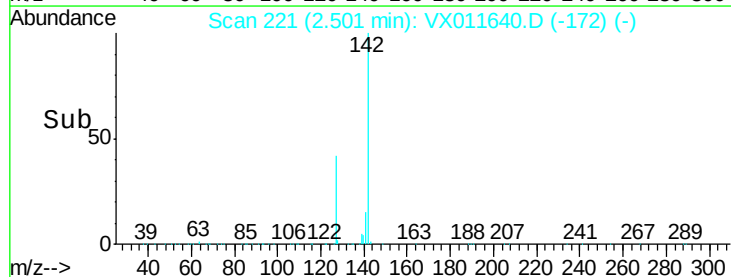
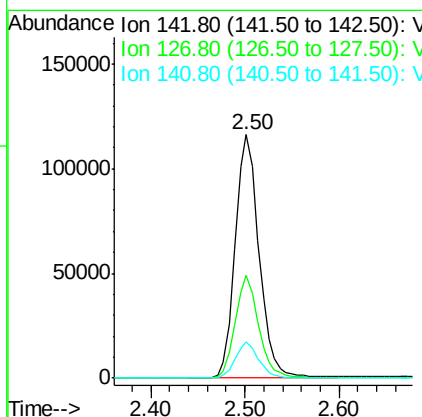
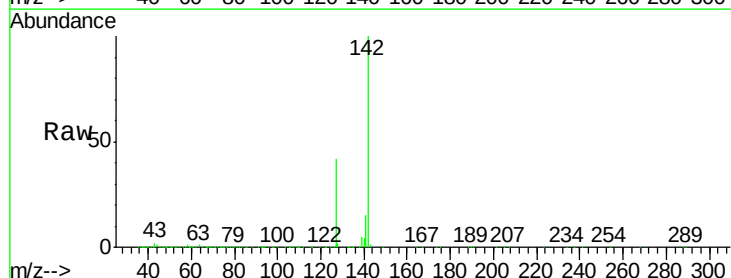
RT: 2.50 min Scan# 221

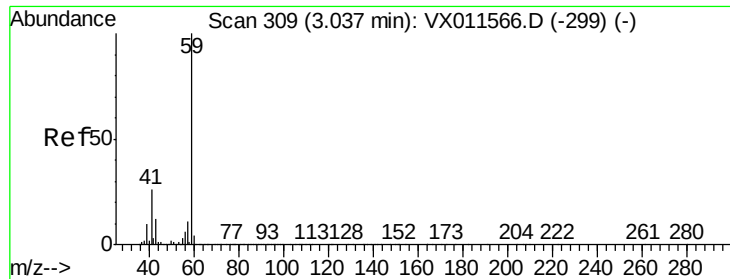
Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 205312 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 41.3  | 32.8  | 49.2   |
| 141       | 14.4  | 11.4  | 17.2   |





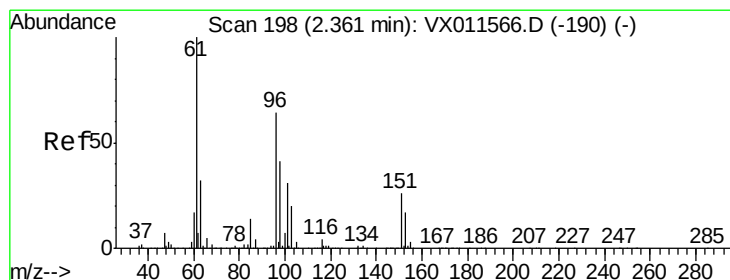
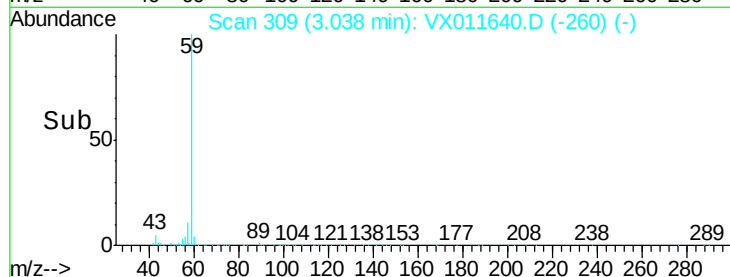
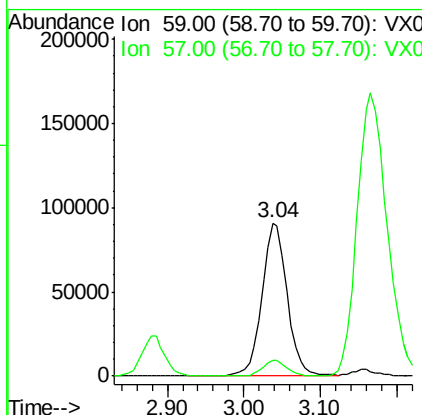
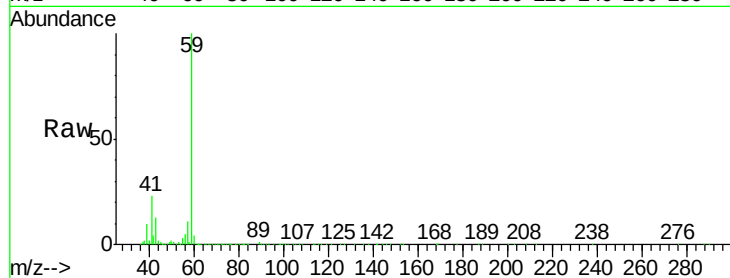
#11  
Tert butyl alcohol  
Concen: 290.325 ug/l  
RT: 3.04 min Scan# 309  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.2  | 8.7   | 13.1  |

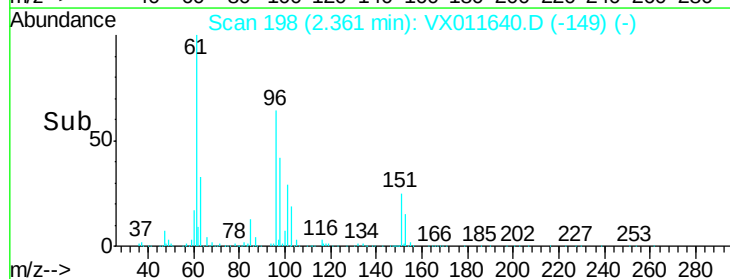
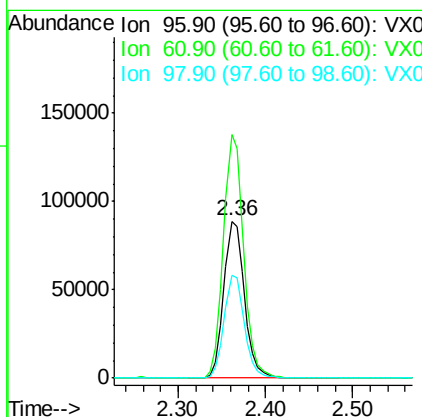
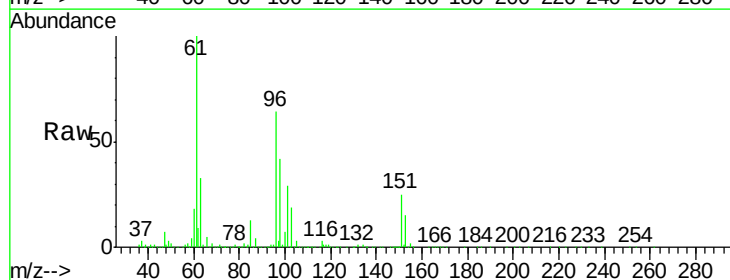
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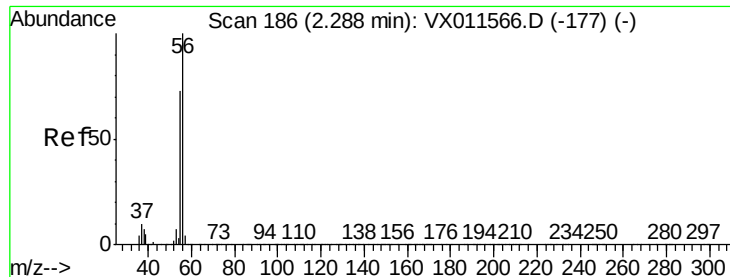
MMDadoda  
8/20/2019 3:41:52 PM



#12  
1,1-Dichloroethene  
Concen: 53.545 ug/l  
RT: 2.36 min Scan# 198  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 155.2 | 125.0 | 187.4 |
| 98      | 65.3  | 51.5  | 77.3  |





#13

Acrolein

Concen: 301.177 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion: 56 Resp: 67350

Ion Ratio Lower Upper

56 100

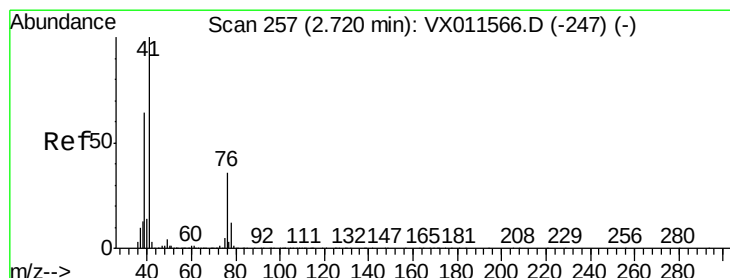
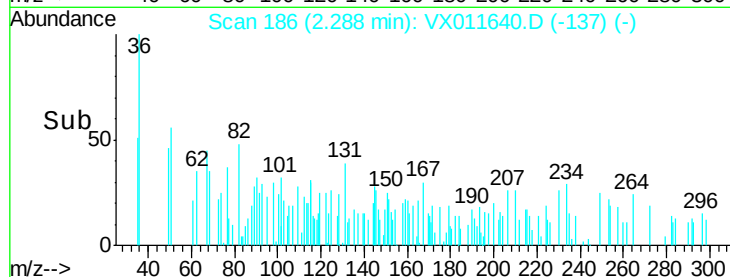
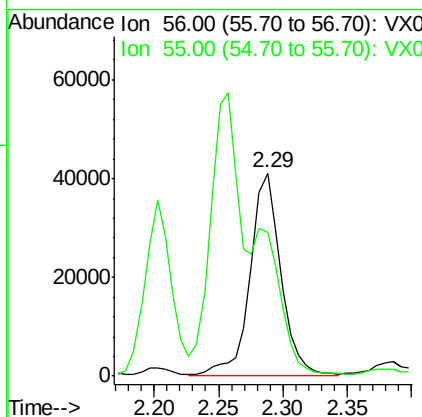
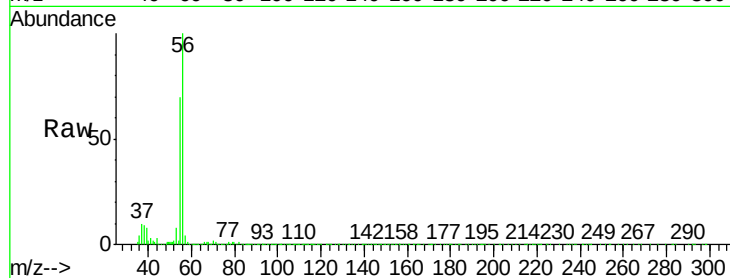
55 0.0 55.5 83.3#

Manual Integrations

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8/20/2019 3:41:52 PM



#14

Allyl chloride

Concen: 56.610 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

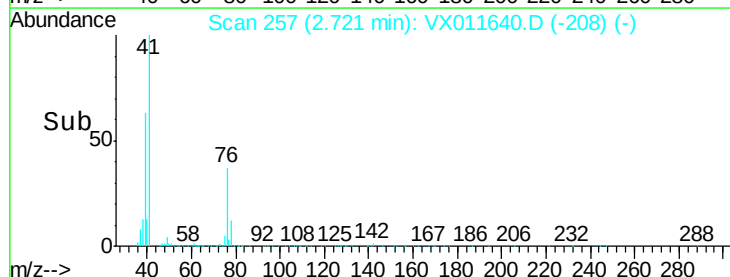
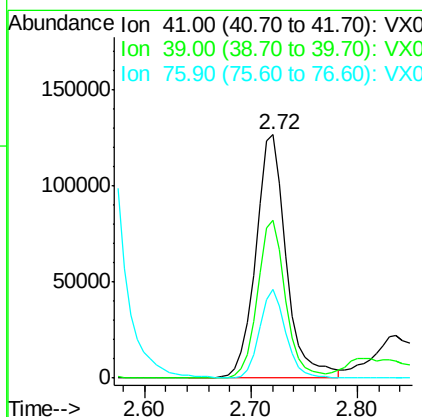
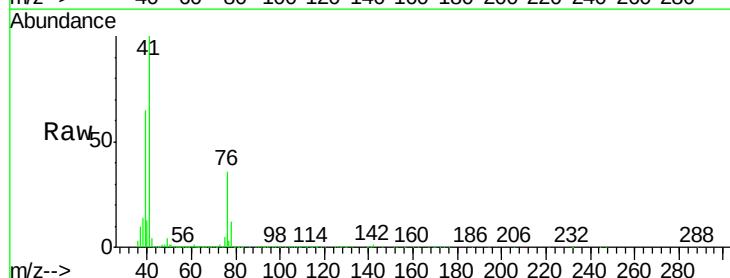
Tgt Ion: 41 Resp: 254284

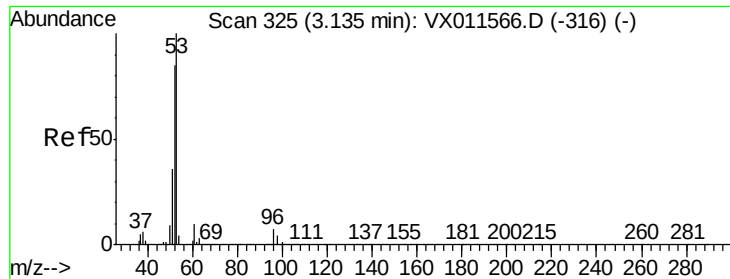
Ion Ratio Lower Upper

41 100

39 59.2 47.5 71.3

76 31.1 26.3 39.5





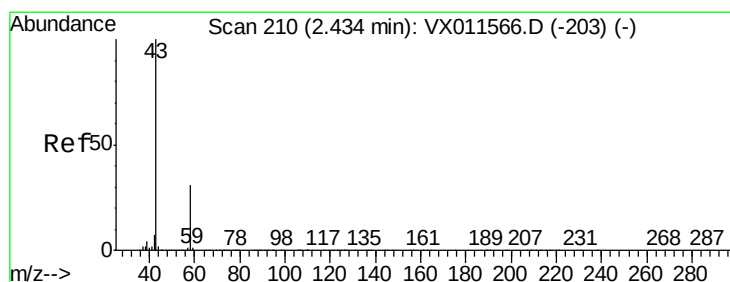
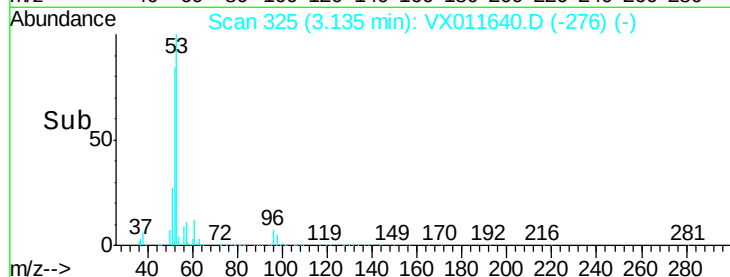
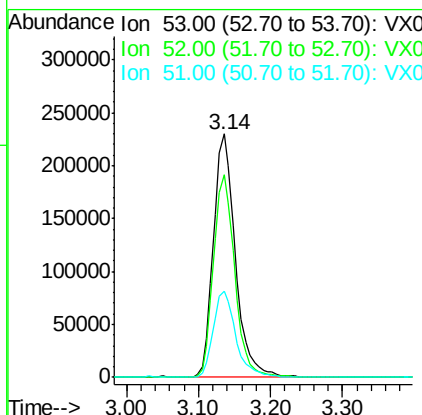
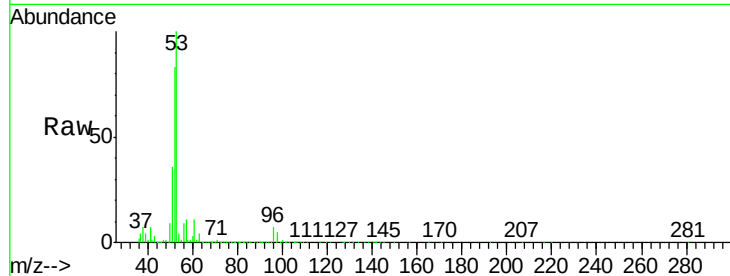
#15  
 Acrylonitrile  
 Concen: 293.687 ug/l  
 RT: 3.14 min Scan# 325  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PH2-0142MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 484287 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.1  | 66.7  | 100.1  |
| 51       | 36.3  | 28.7  | 43.1   |

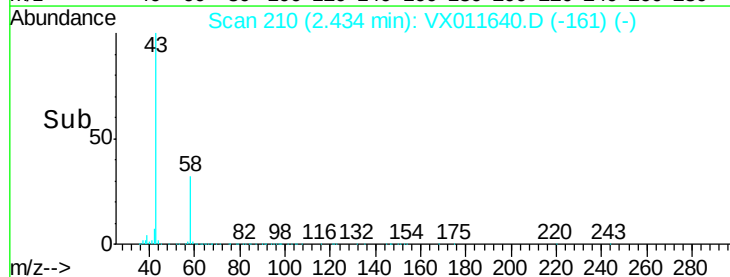
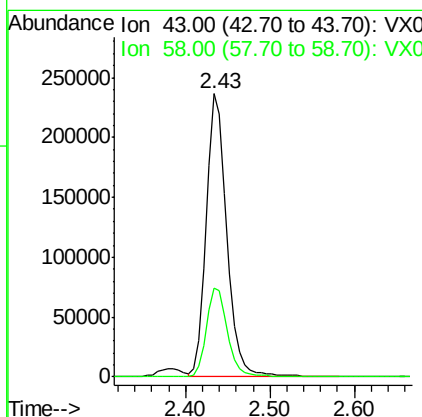
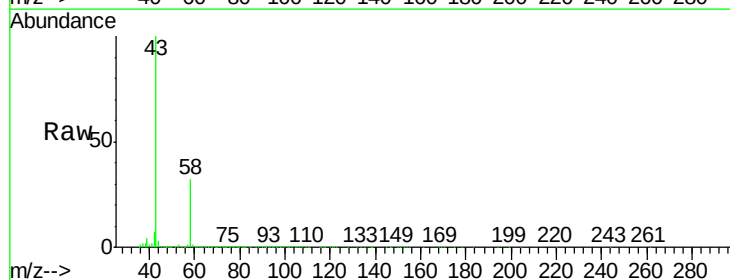
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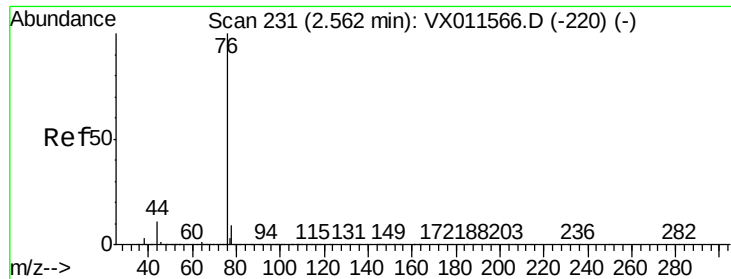
MMDadoda  
 8/20/2019 3:41:52 PM



#16  
 Acetone  
 Concen: 269.862 ug/l  
 RT: 2.43 min Scan# 210  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 398504 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 31.5  | 25.2  | 37.8   |





#17

Carbon Disulfide

Concen: 52.759 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion: 76 Resp: 335693

Ion Ratio Lower Upper

76 100

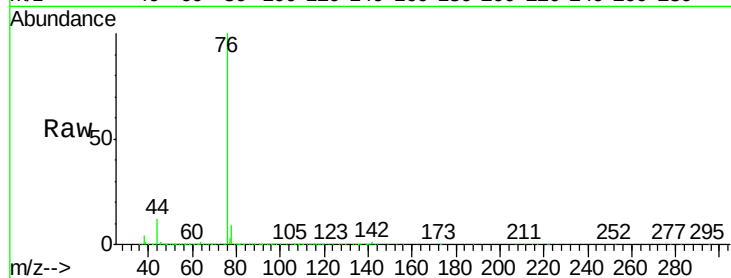
78 9.3 7.2 10.8

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8/20/2019 3:41:52 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

200000

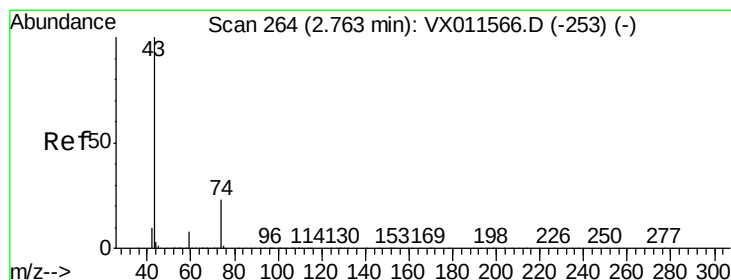
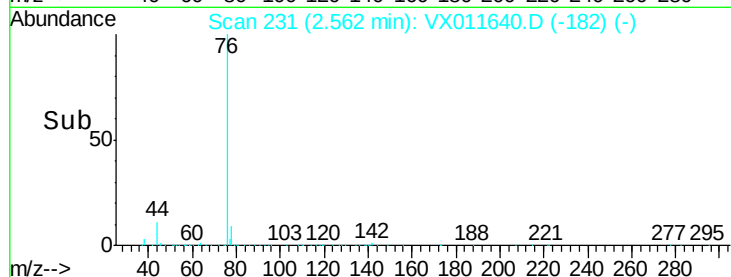
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 56.935 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011640.D

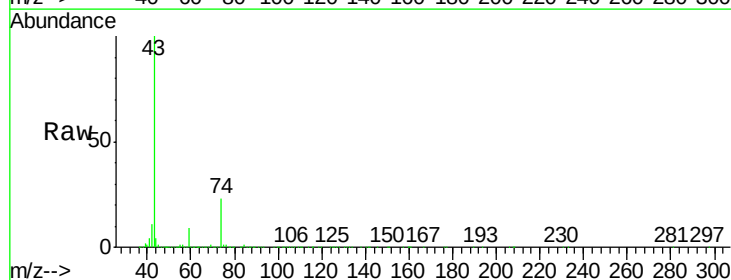
Acq: 19 Aug 2019 18:27

Tgt Ion: 43 Resp: 260748

Ion Ratio Lower Upper

43 100

74 24.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

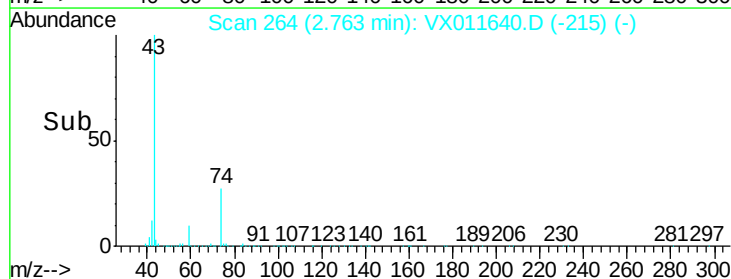
150000

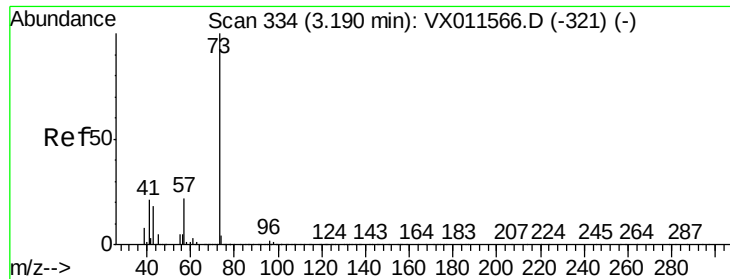
100000

50000

0

Time-->





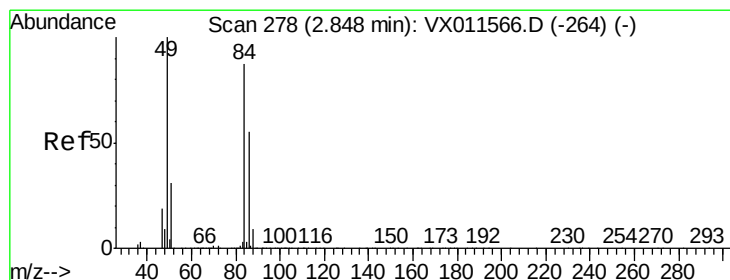
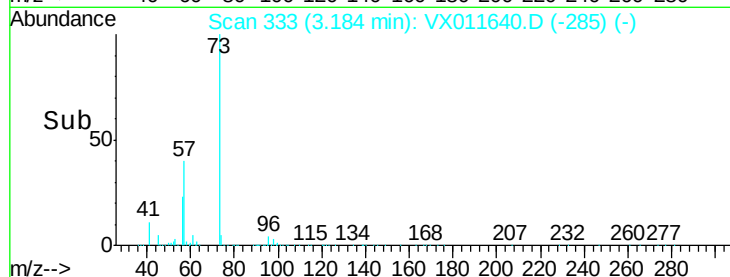
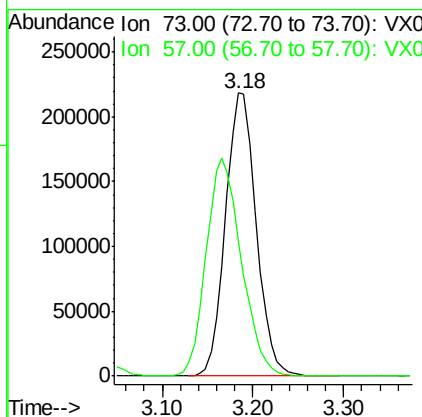
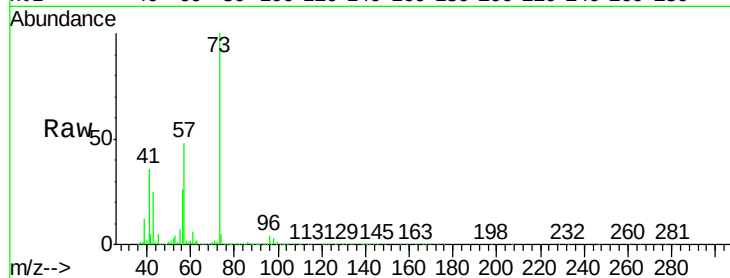
#19  
Methyl tert-butyl Ether  
Concen: 58.456 ug/l  
RT: 3.18 min Scan# 333  
Delta R.T. -0.01 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 47.7  | 17.2  | 25.8# |

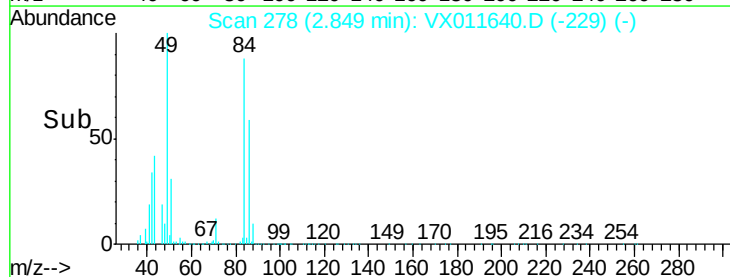
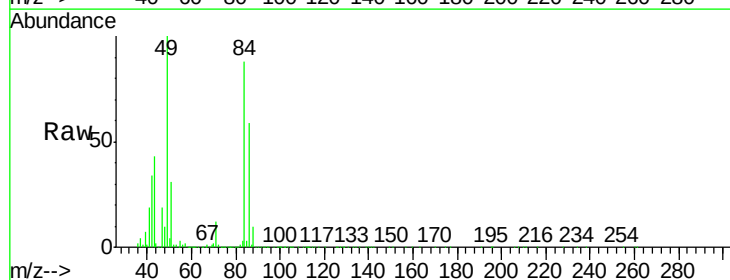
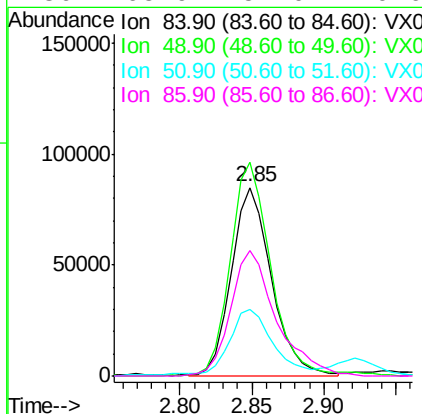
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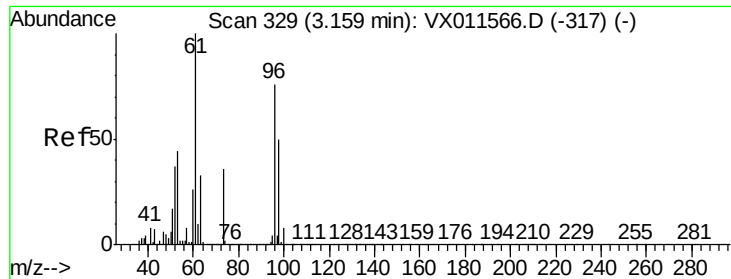
MMDadoda  
8/20/2019 3:41:52 PM



#20  
Methylene Chloride  
Concen: 53.226 ug/l  
RT: 2.85 min Scan# 278  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 113.1 | 92.4  | 138.6 |
| 51      | 33.6  | 28.5  | 42.7  |
| 86      | 65.9  | 51.0  | 76.6  |





#21

trans-1,2-Dichloroethene

Concen: 54.857 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

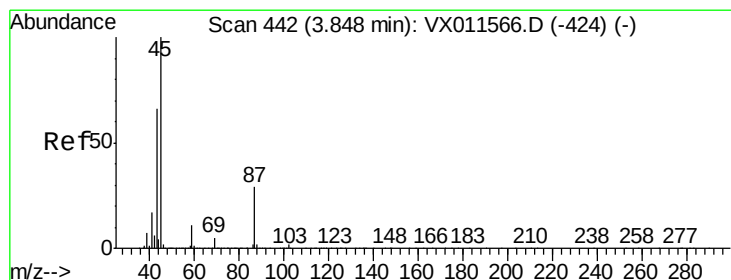
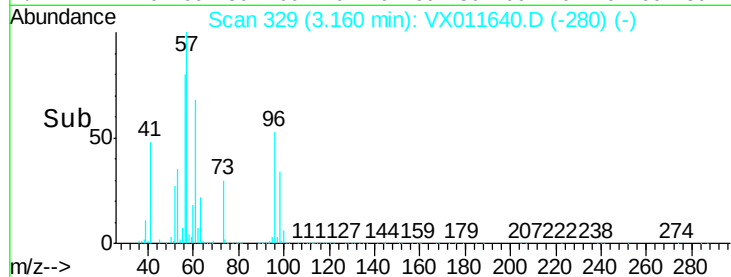
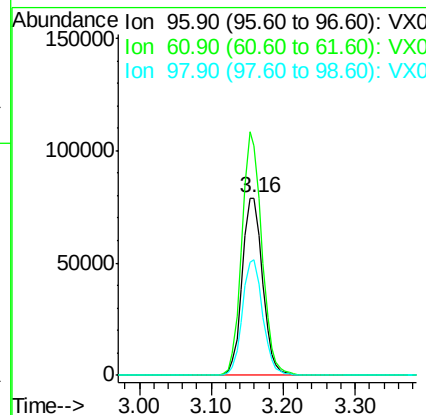
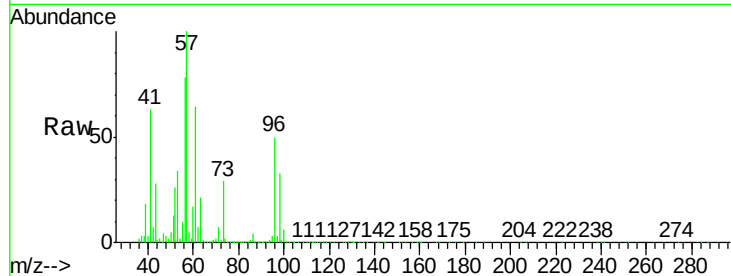
ClientSampleId :

PH2-0142MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 156971 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 129.0 | 105.5 | 158.3  |
| 98        | 65.0  | 52.6  | 78.8   |

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#22

Diisopropyl ether

Concen: 56.730 ug/l

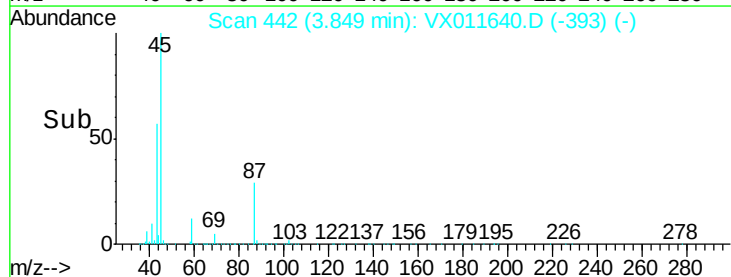
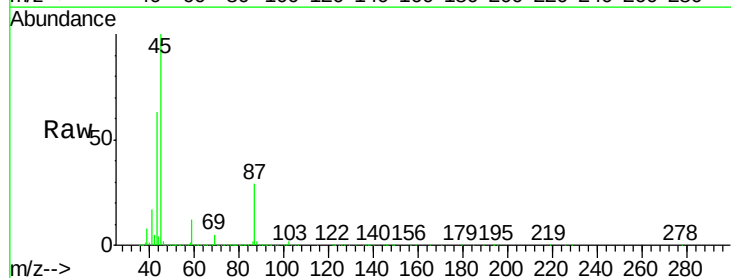
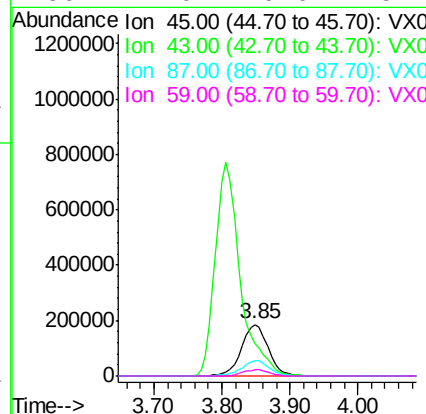
RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

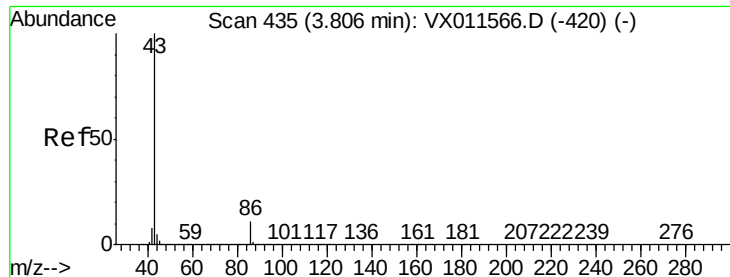
Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 507472 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 62.2  | 52.7  | 79.1   |
| 87        | 29.0  | 23.5  | 35.3   |
| 59        | 12.0  | 9.0   | 13.4   |







#23

Vinyl Acetate

Concen: 278.683 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion: 43 Resp: 1974095

Ion Ratio Lower Upper

43 100

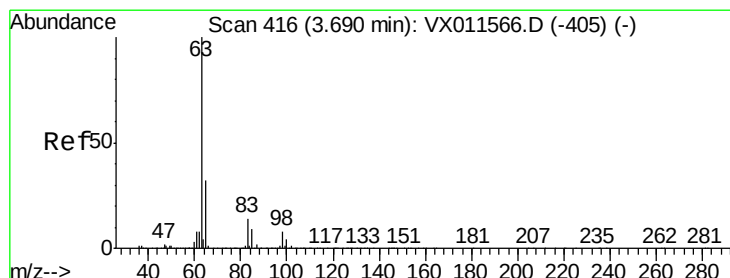
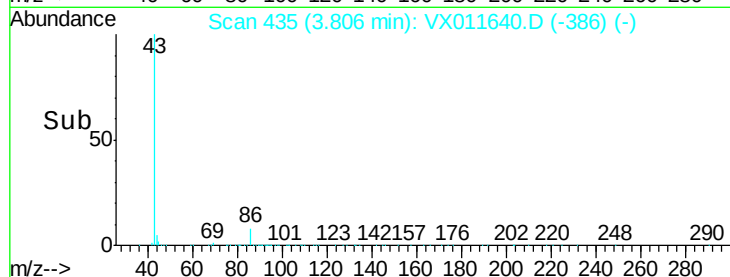
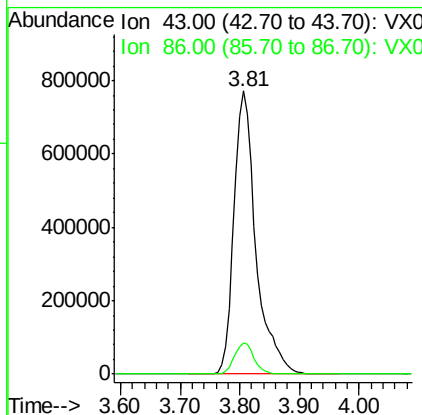
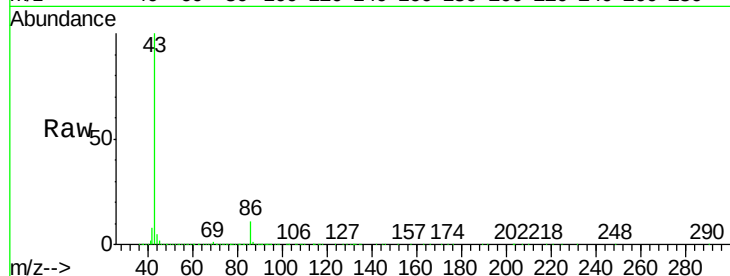
86 10.9 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 55.777 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

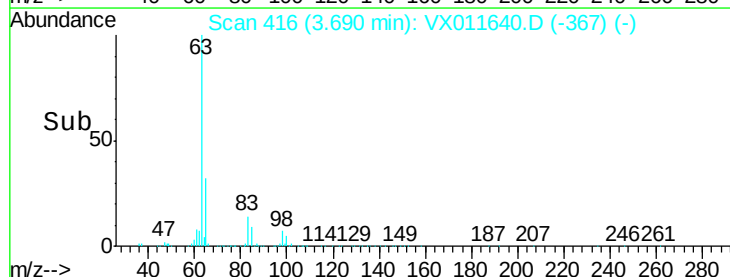
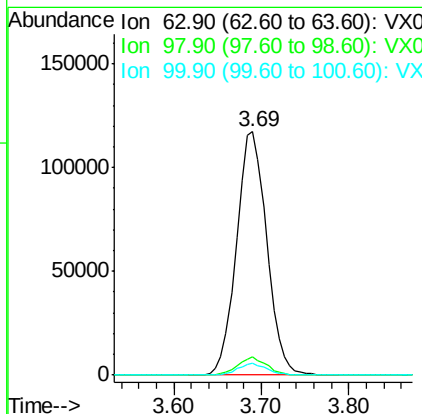
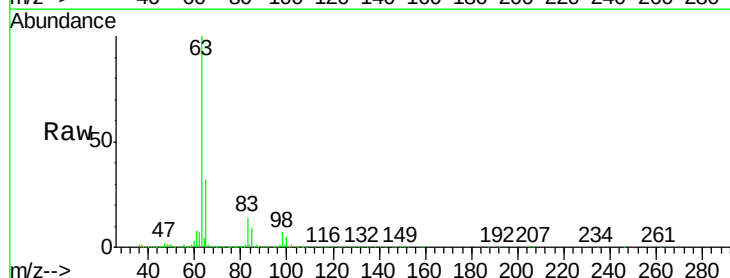
Tgt Ion: 63 Resp: 282101

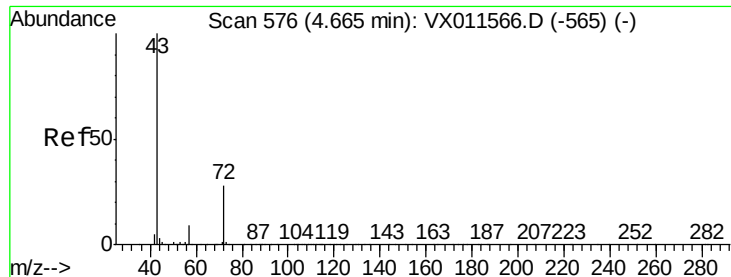
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.8 2.1 6.3





#25

2-Butanone

Concen: 284.387 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampled :

PH2-0142MSD

Tot Ion: 43 Resp: 659290

Ion Ratio Lower Upper

43 100

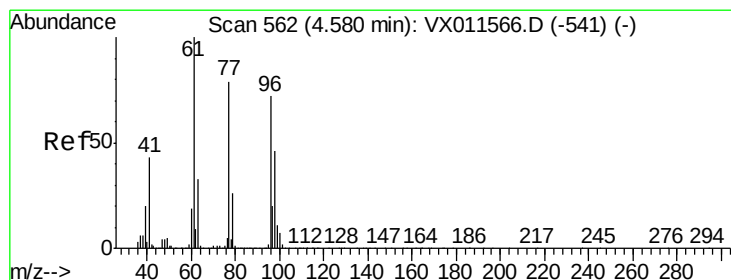
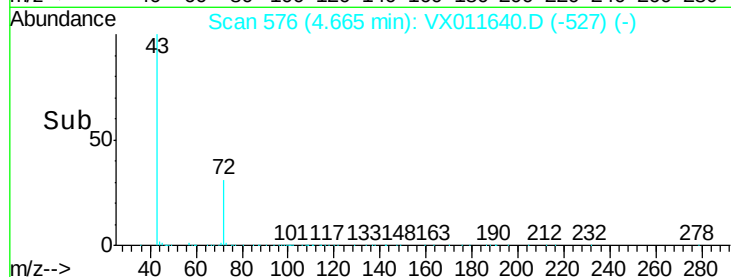
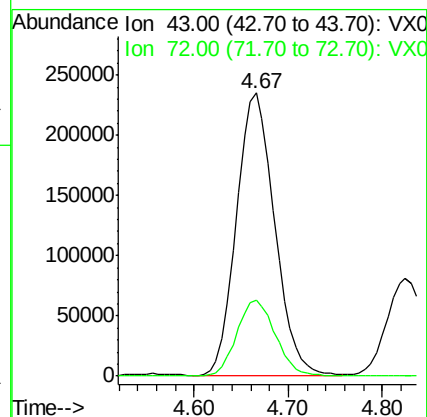
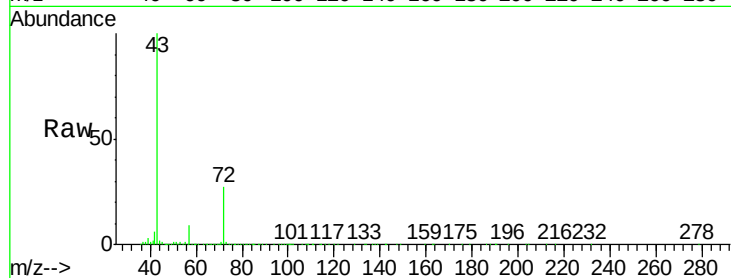
72 26.9 22.2 33.4

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#26

2,2-Dichloropropane

Concen: 47.223 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011640.D

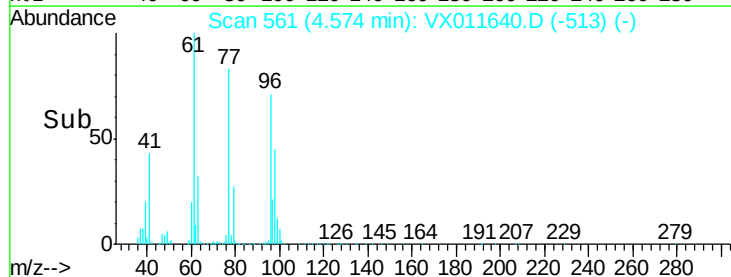
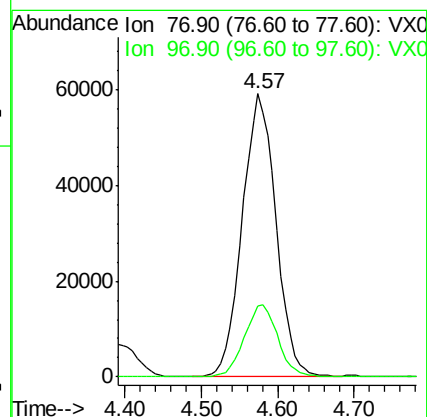
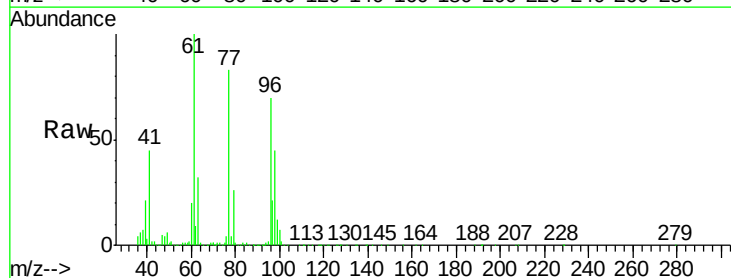
Acq: 19 Aug 2019 18:27

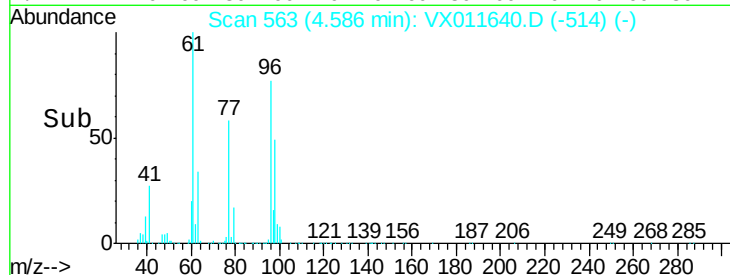
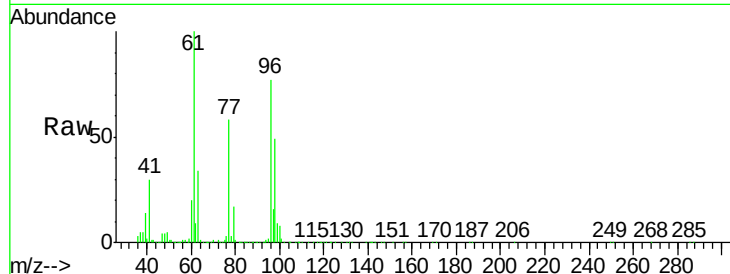
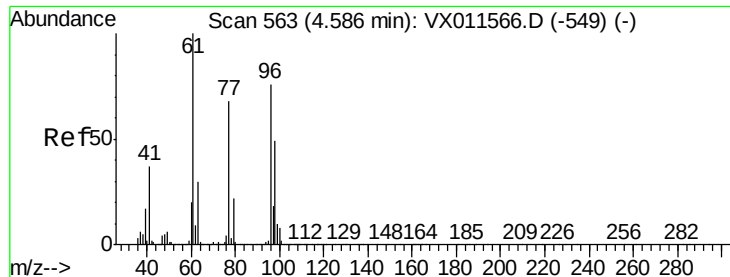
Tgt Ion: 77 Resp: 179758

Ion Ratio Lower Upper

77 100

97 25.6 12.4 37.2





#27

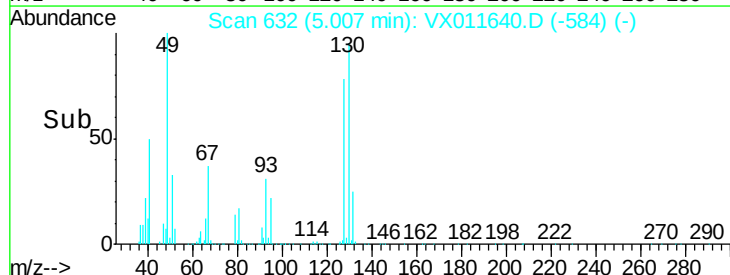
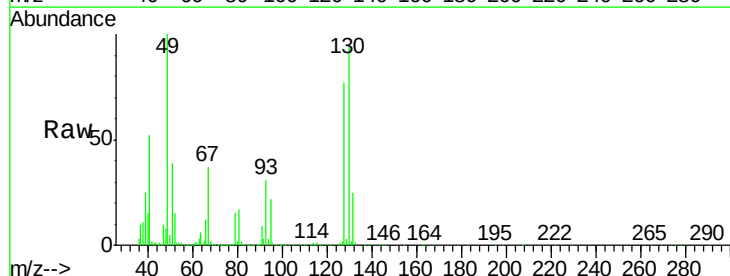
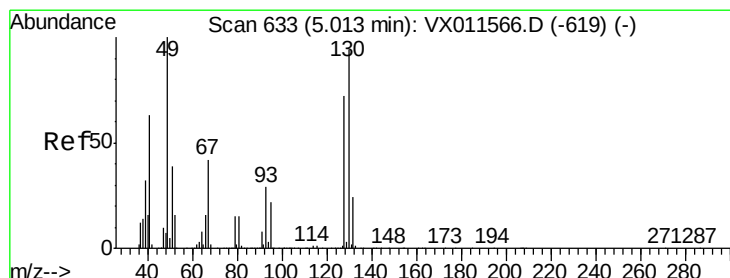
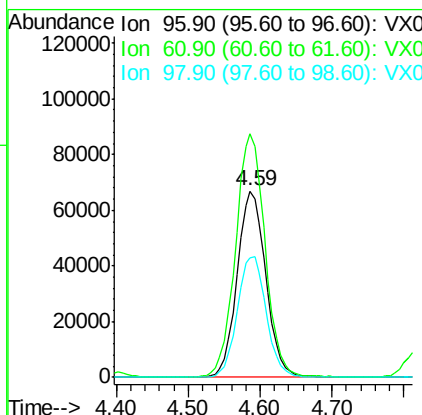
cis-1,2-Dichloroethene  
Concen: 55.347 ug/l  
RT: 4.59 min Scan# 563  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 184625 |       |       |
| 61      | 134.8 | 0.0    | 272.6 |       |
| 98      | 65.7  | 0.0    | 129.4 |       |

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

Manual Integrations  
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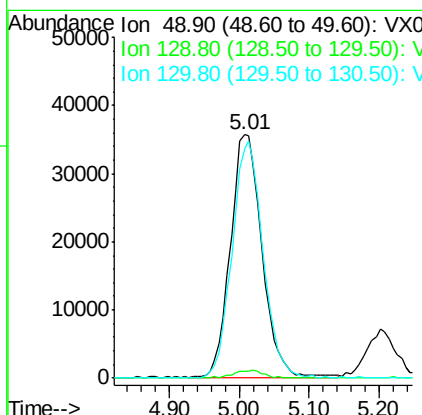
MMDadoda  
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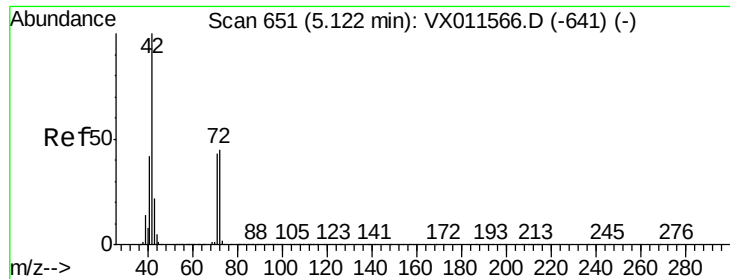


#28

Bromochloromethane  
Concen: 50.557 ug/l  
RT: 5.01 min Scan# 632  
Delta R.T. -0.01 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 112249 |       |       |
| 129     | 2.9   | 0.0    | 5.0   |       |
| 130     | 95.3  | 76.6   | 115.0 |       |





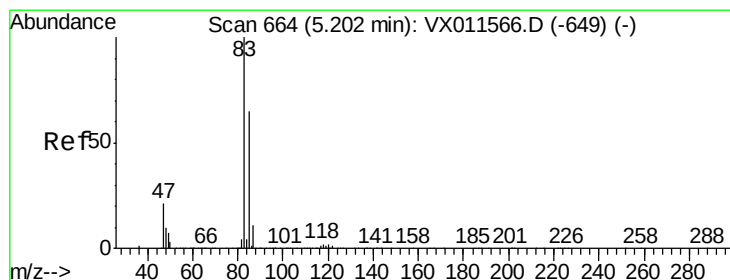
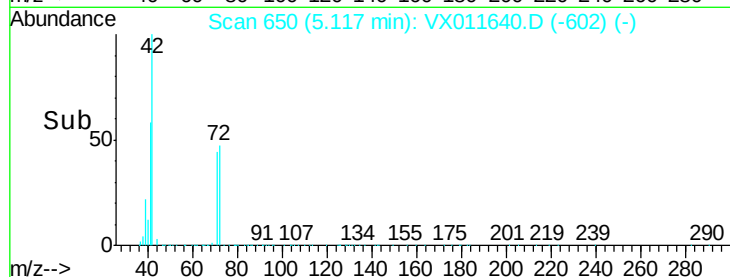
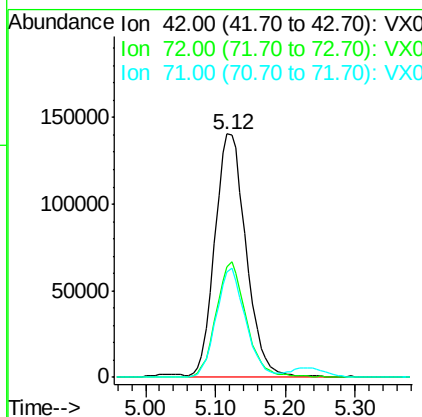
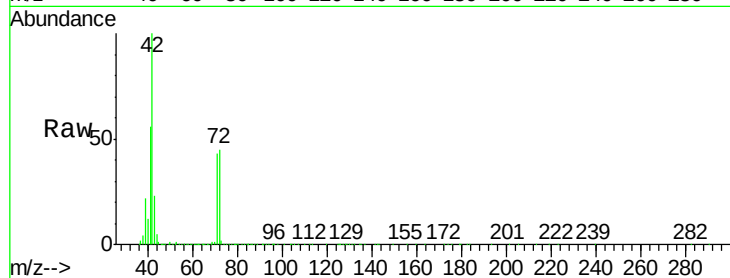
#29  
Tetrahydrofuran  
Concen: 286.433 ug/l  
RT: 5.12 min Scan# 650  
Delta R.T. -0.01 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.6  | 36.1  | 54.1  |
| 71      | 42.1  | 33.8  | 50.8  |

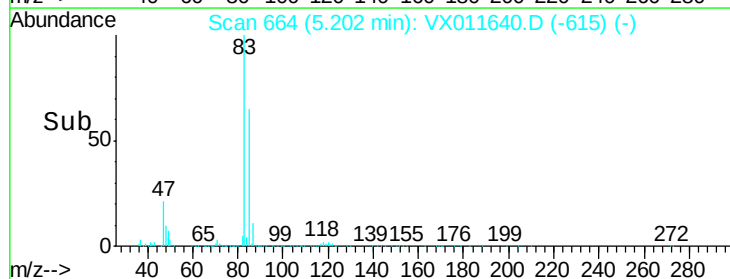
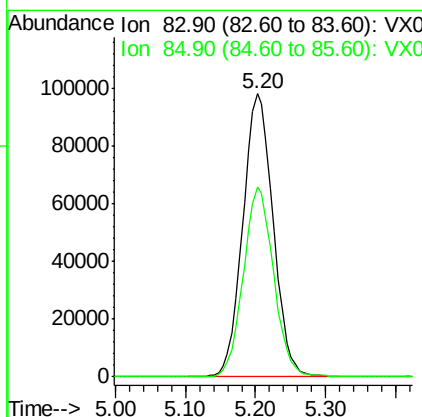
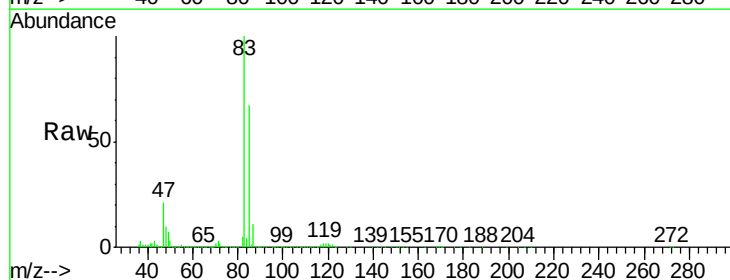
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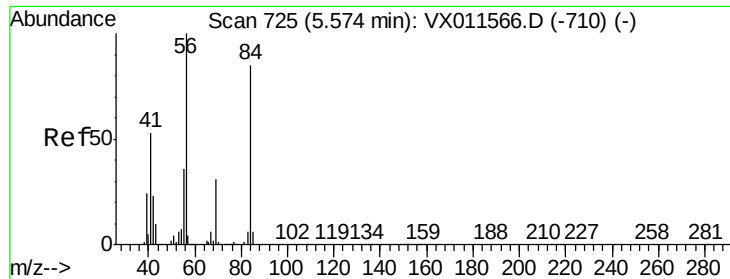
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#30  
Chloroform  
Concen: 55.326 ug/l  
RT: 5.20 min Scan# 664  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 67.2  | 51.9  | 77.9  |





#31

Cyclohexane

Concen: 1103.527 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion: 56 Resp: 4805384

Ion Ratio Lower Upper

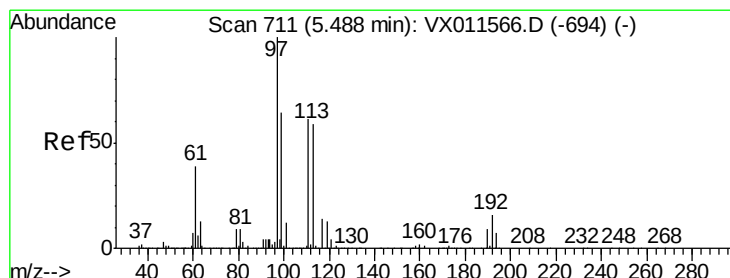
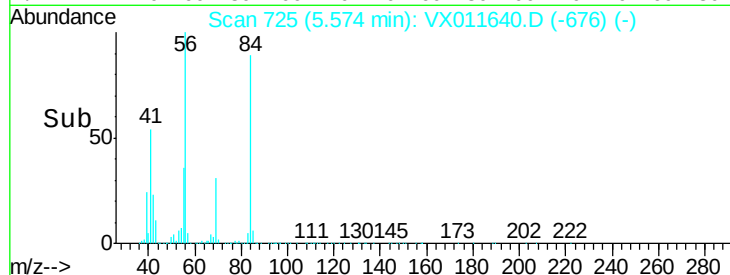
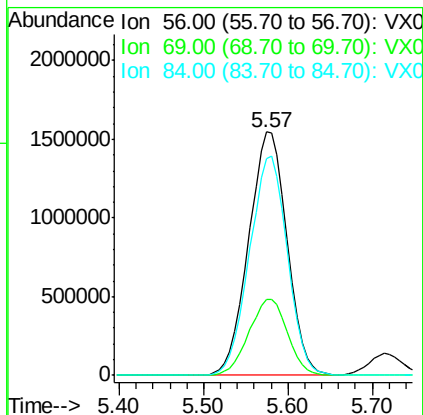
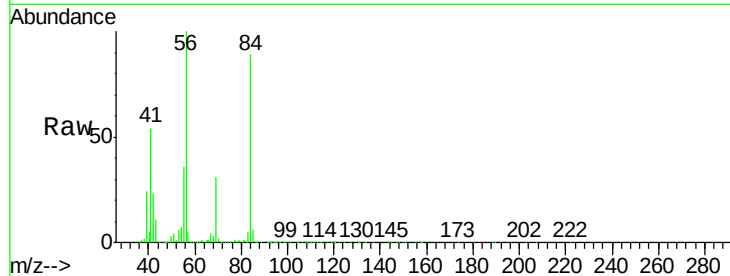
56 100

69 31.2 24.8 37.2

84 88.7 67.9 101.9

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#32

1,1,1-Trichloroethane

Concen: 55.971 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

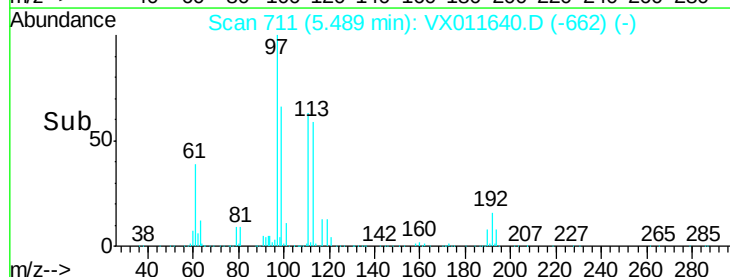
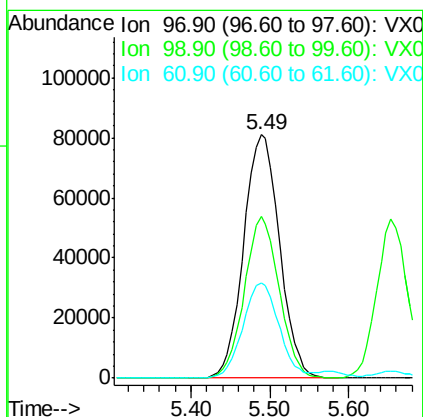
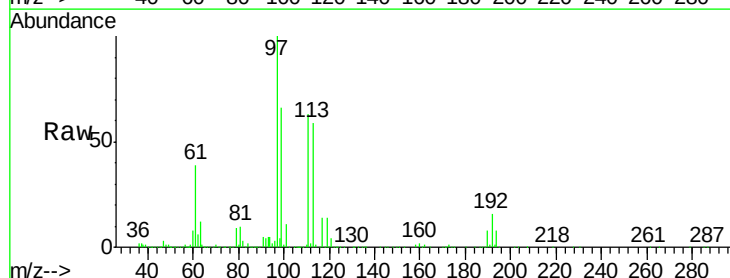
Tgt Ion: 97 Resp: 256883

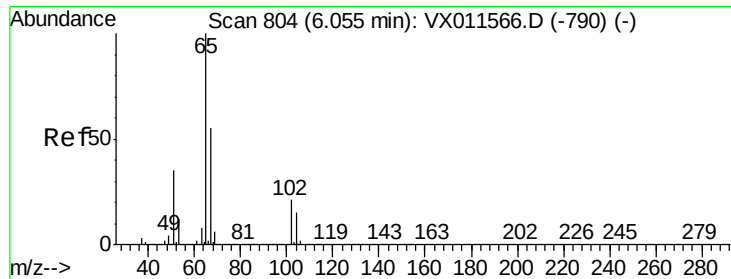
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

61 39.7 31.4 47.2





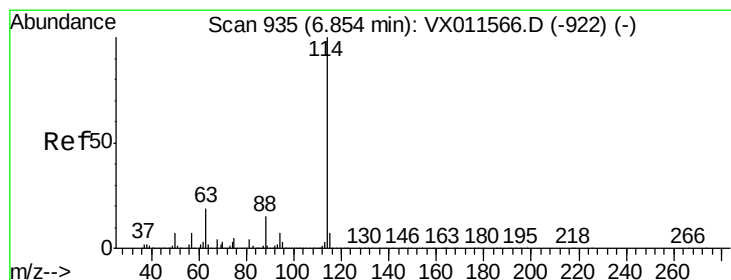
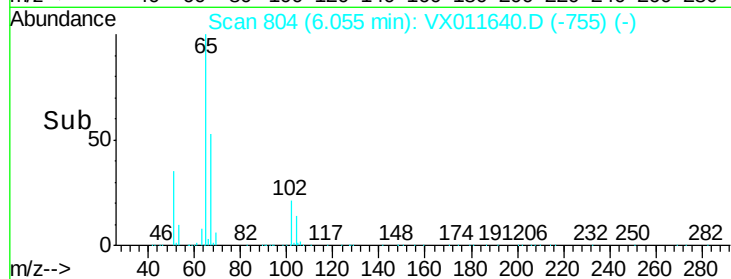
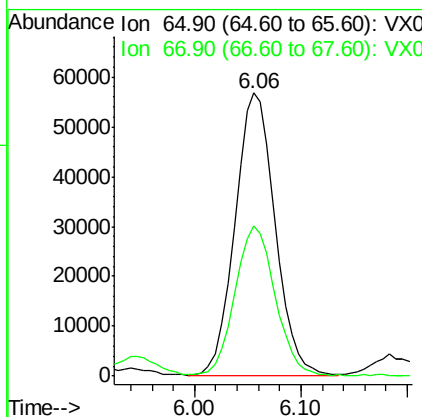
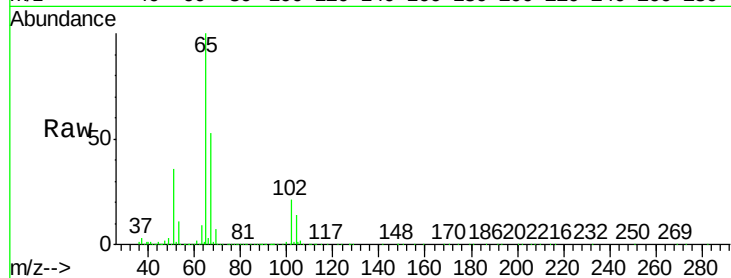
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.603 ug/l  
 RT: 6.06 min Scan# 804  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PH2-0142MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 148613 |       |       |
| 67      | 53.1  | 0.0    | 107.6 |       |

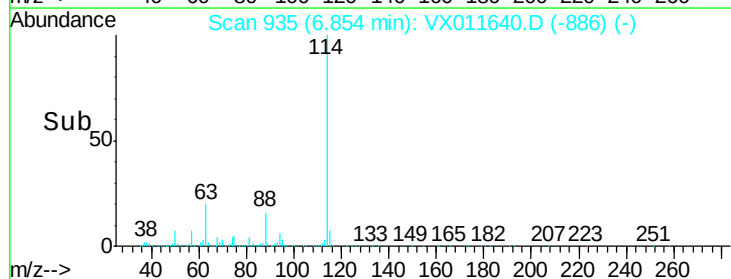
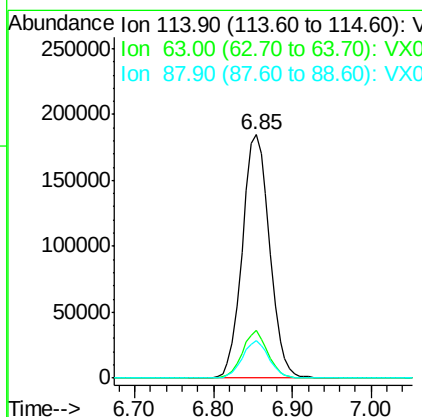
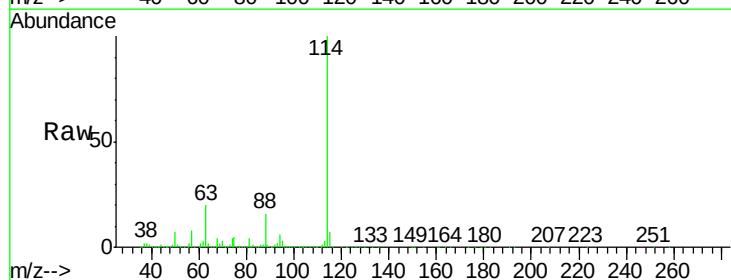
Manual Integrations  
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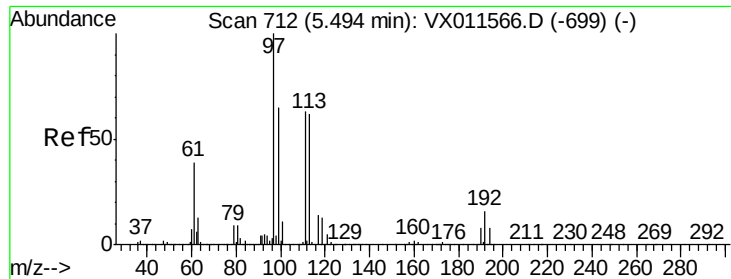
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 444615 |       |       |
| 63      | 19.8  | 0.0    | 37.8  |       |
| 88      | 15.7  | 0.0    | 30.2  |       |





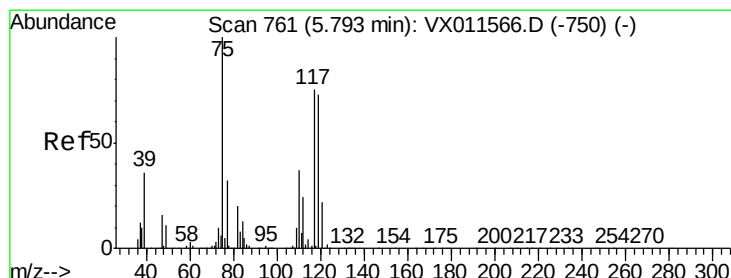
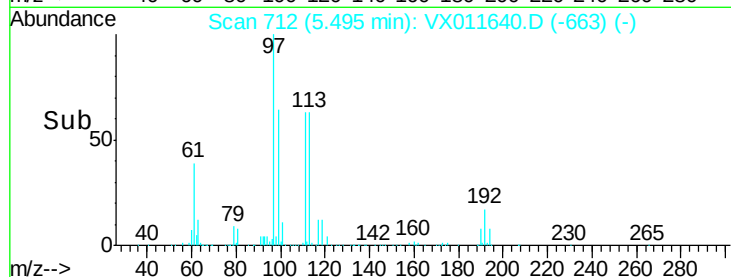
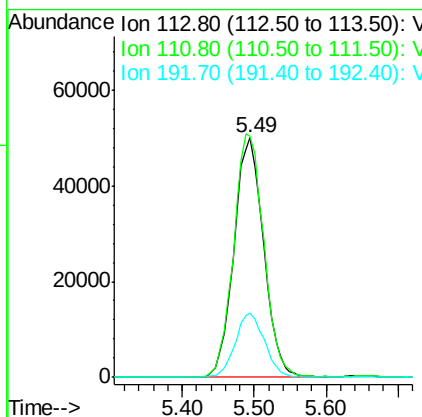
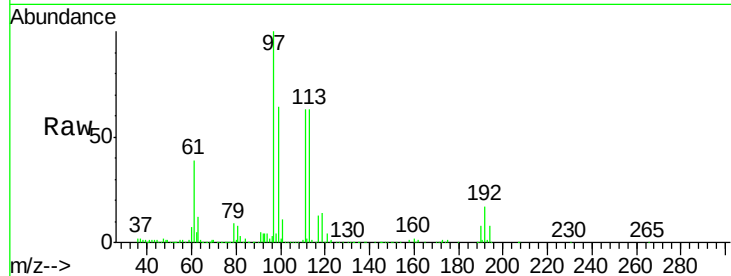
#35  
 Dibromofluoromethane  
 Concen: 49.297 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PH2-0142MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 143360 |       |       |
| 111     | 103.3 | 81.1   | 121.7 |       |
| 192     | 26.5  | 20.8   | 31.2  |       |

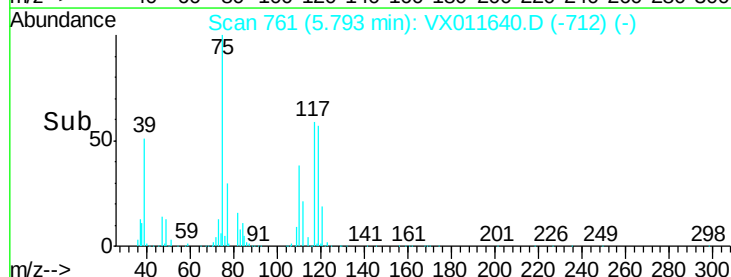
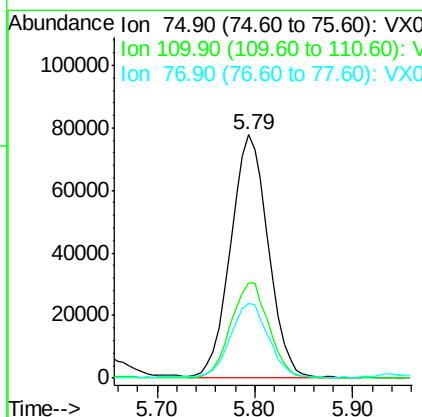
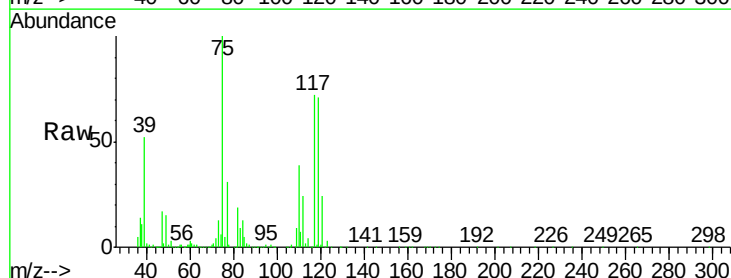
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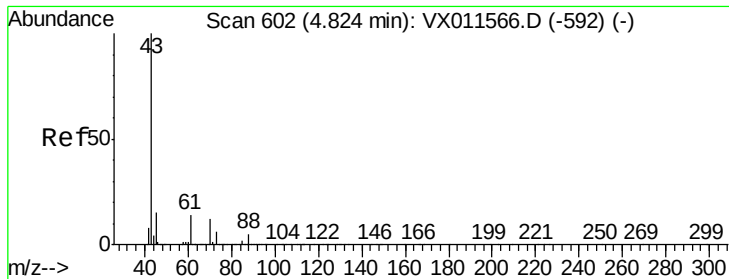
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#36  
 1,1-Dichloropropene  
 Concen: 54.358 ug/l  
 RT: 5.79 min Scan# 761  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 206638 |       |       |
| 110     | 39.9  | 19.4   | 58.1  |       |
| 77      | 31.2  | 25.1   | 37.7  |       |





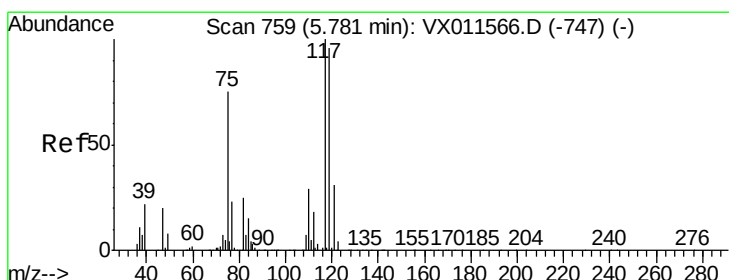
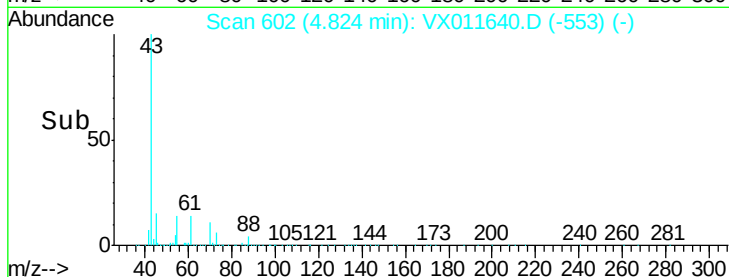
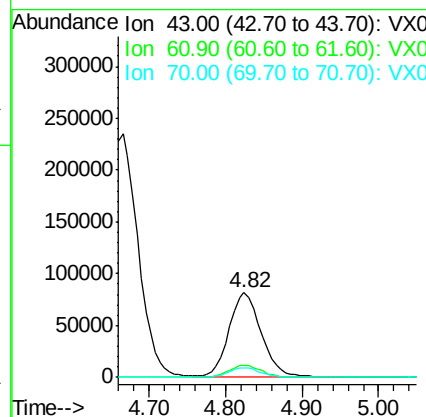
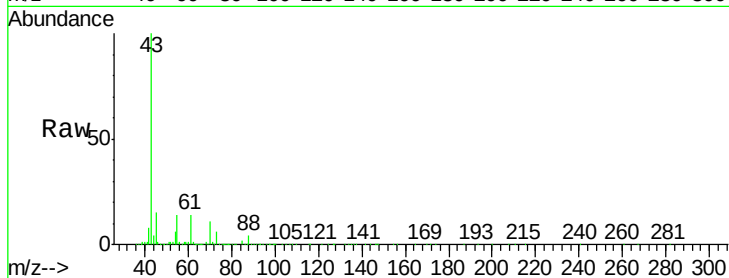
#37  
Ethyl Acetate  
Concen: 54.428 ug/l  
RT: 4.82 min Scan# 602  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.0  | 11.4  | 17.0  |
| 70      | 11.7  | 9.0   | 13.6  |

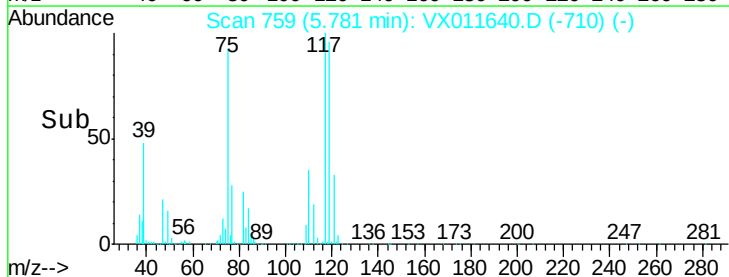
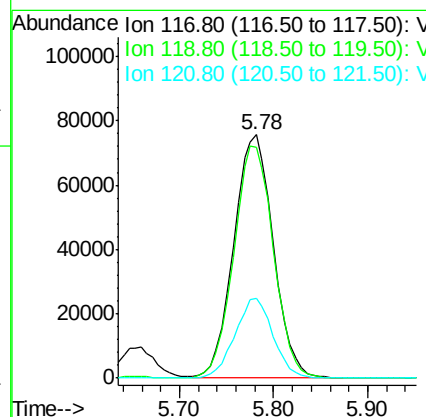
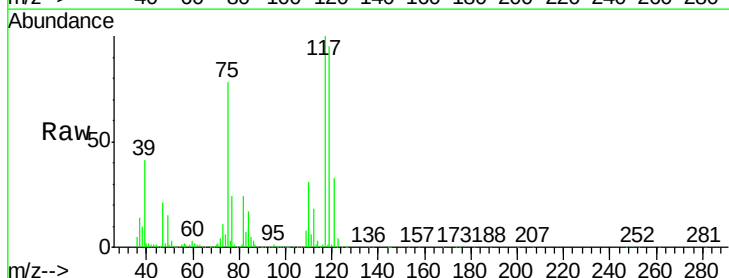
Manual Integrations  
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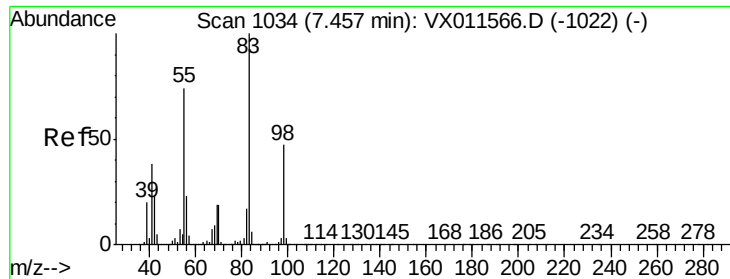


#38  
Carbon Tetrachloride  
Concen: 52.663 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.8  | 76.9  | 115.3 |
| 121     | 32.4  | 24.8  | 37.2  |







#39

Methylvlcyclohexane

Concen: 936.668 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampled :

PH2-0142MSD

Tot Ion: 83 Resp: 4397153

Ion Ratio Lower Upper

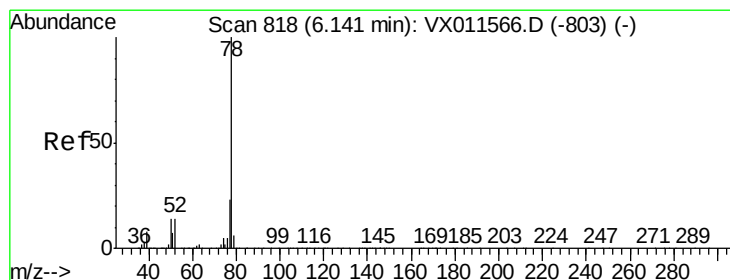
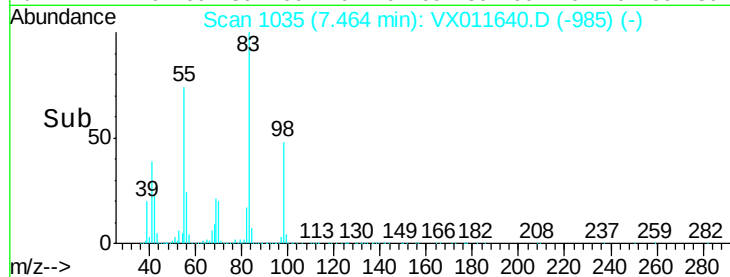
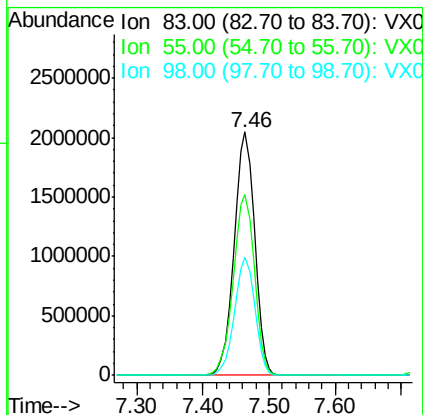
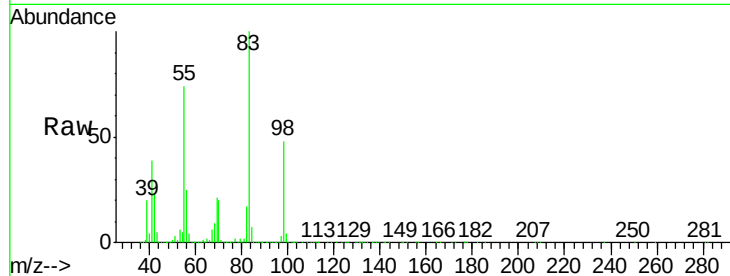
83 100

55 74.2 58.8 88.2

98 48.4 37.8 56.6

Manual Integrations  
APPROVED

MMDadoda  
8/20/2019 3:41:52 PM



#40

Benzene

Concen: 55.077 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX011640.D

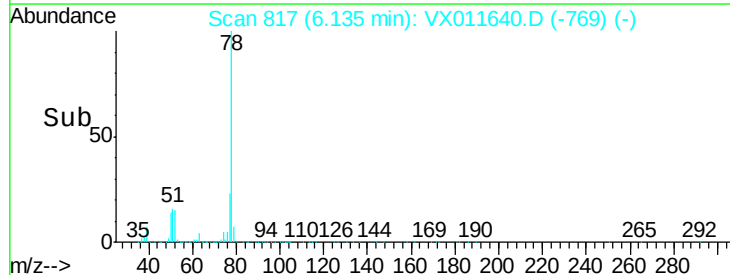
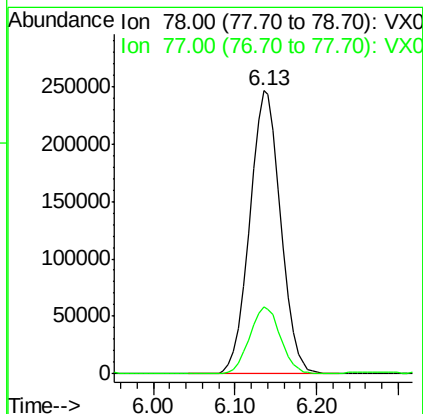
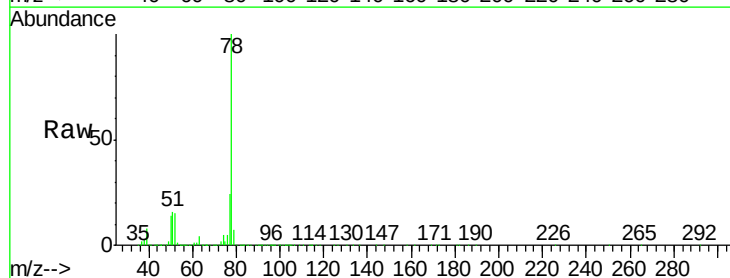
Acq: 19 Aug 2019 18:27

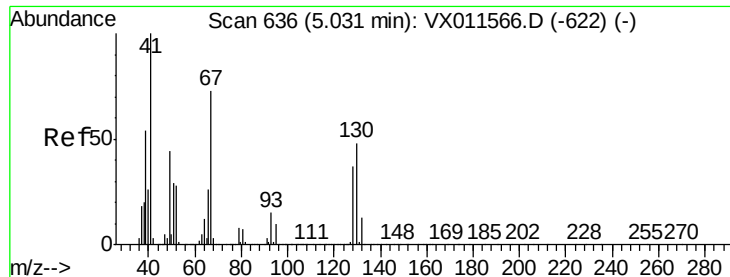
Tgt Ion: 78 Resp: 650637

Ion Ratio Lower Upper

78 100

77 23.6 18.6 28.0





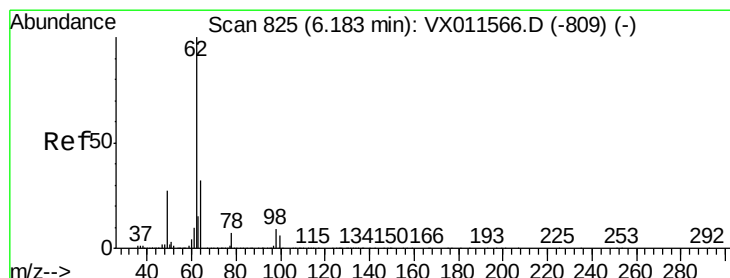
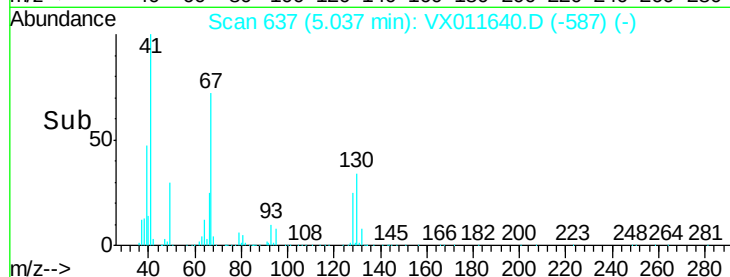
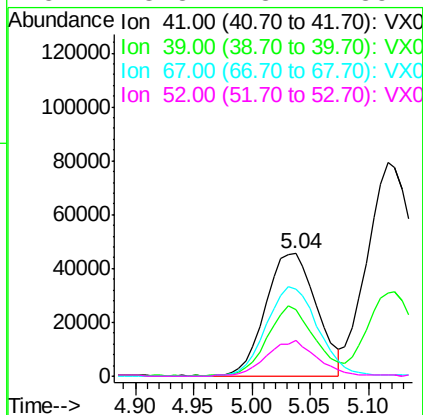
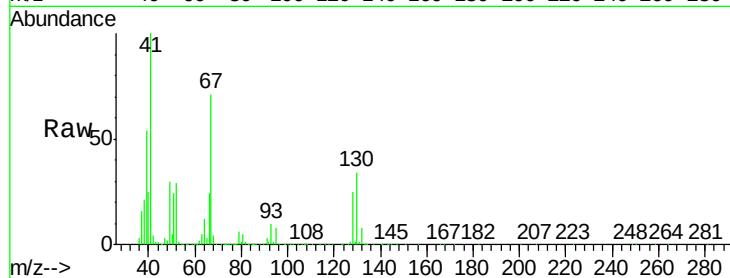
#41  
Methacrylonitrile  
Concen: 57.567 ug/l  
RT: 5.04 min Scan# 637  
Delta R.T. 0.01 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 138530 |       |       |
| 39      | 54.1 | 43.5  | 65.3   |       |       |
| 67      | 73.5 | 59.4  | 89.2   |       |       |
| 52      | 28.8 | 23.4  | 35.2   |       |       |

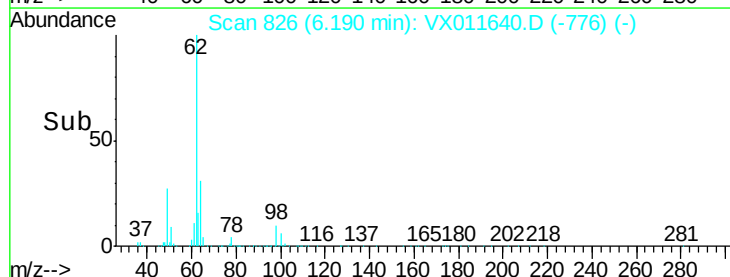
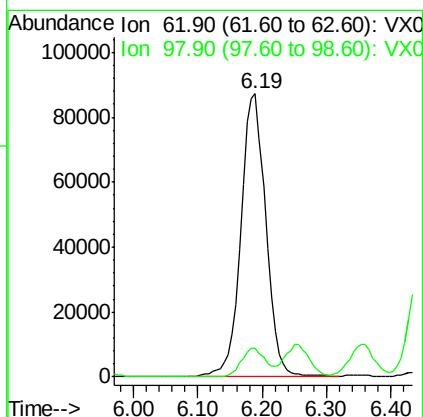
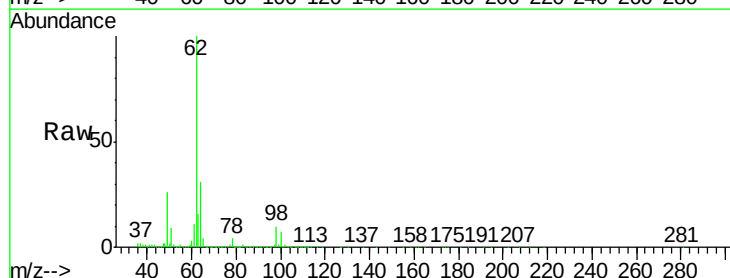
Manual Integrations  
APPROVED

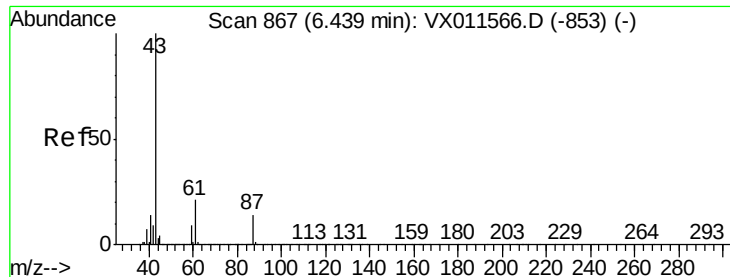
MMDadoda  
8/20/2019 3:41:52 PM



#42  
1,2-Dichloroethane  
Concen: 56.652 ug/l  
RT: 6.19 min Scan# 826  
Delta R.T. 0.01 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 231867 |       |       |
| 98      | 9.5 | 0.0   | 19.4   |       |       |





#43

Isopropyl Acetate

Concen: 61.360 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

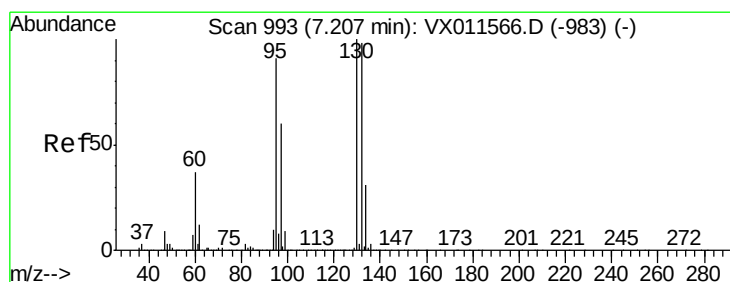
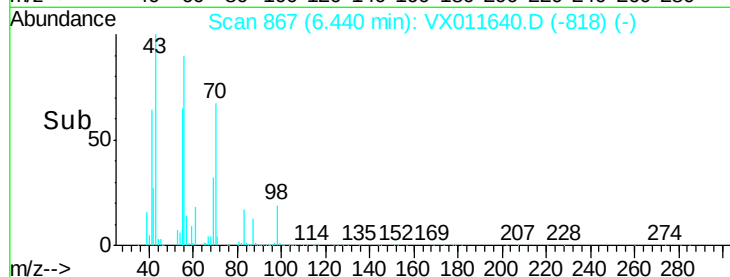
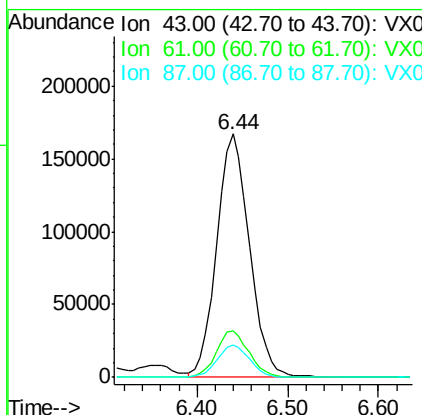
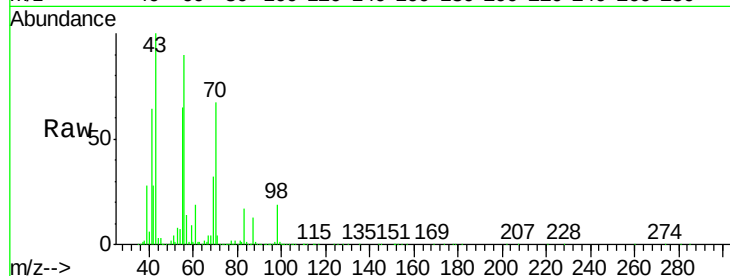
ClientSampleId :

PH2-0142MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 418690 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.8  | 16.6  | 24.8   |
| 87       | 13.5  | 11.4  | 17.2   |

Manual Integrations  
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8/20/2019 3:41:52 PM



#44

Trichloroethene

Concen: 54.886 ug/l

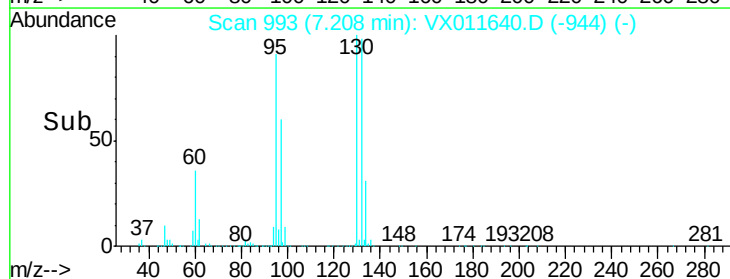
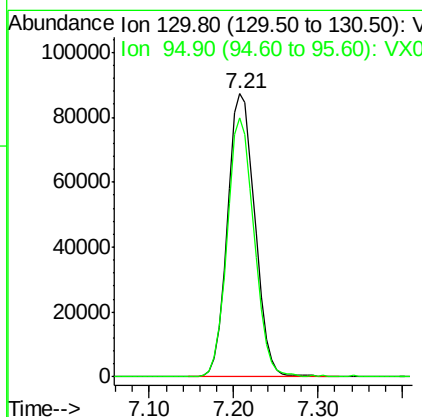
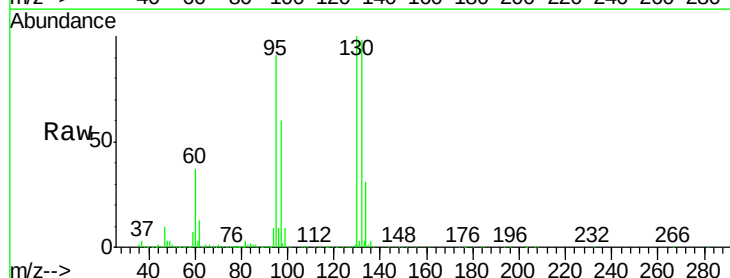
RT: 7.21 min Scan# 993

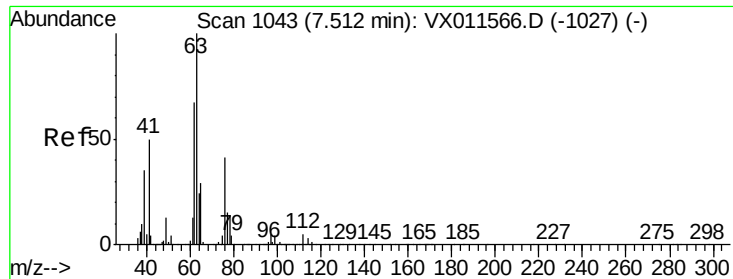
Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 192341 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 91.3  | 0.0   | 181.4  |





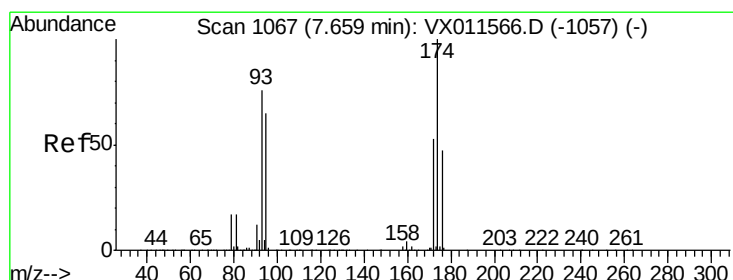
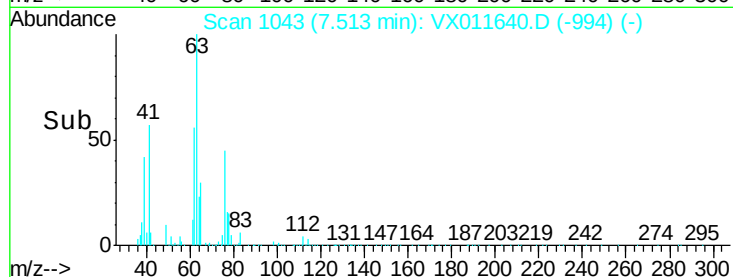
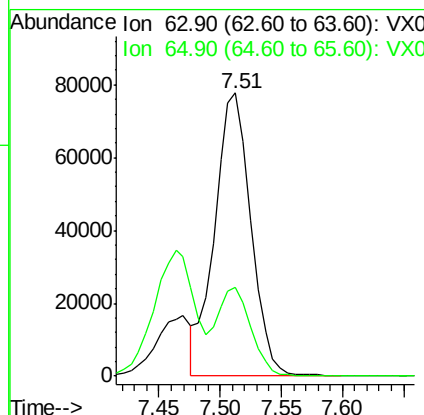
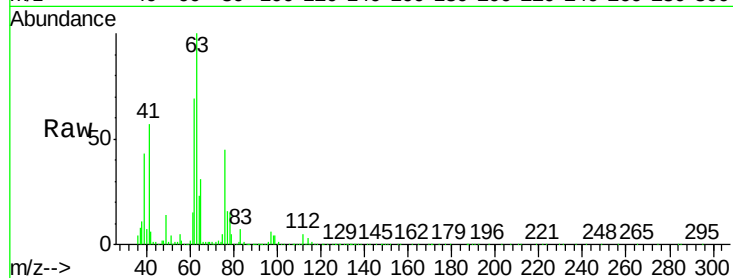
#45  
 1,2-Dichloropropane  
 Concen: 54.014 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PH2-0142MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 63      | 100   | 159130 |       |       |
| 65      | 31.3  |        | 23.4  | 35.2  |

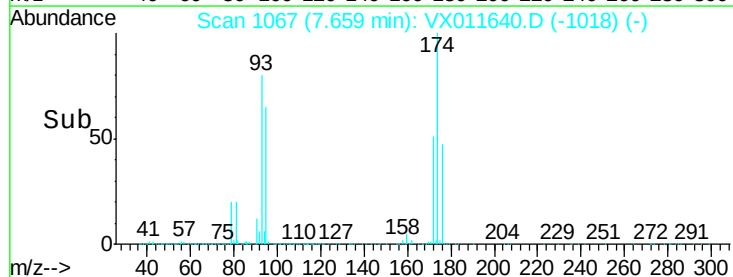
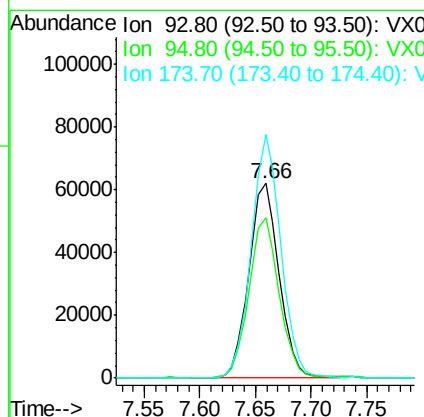
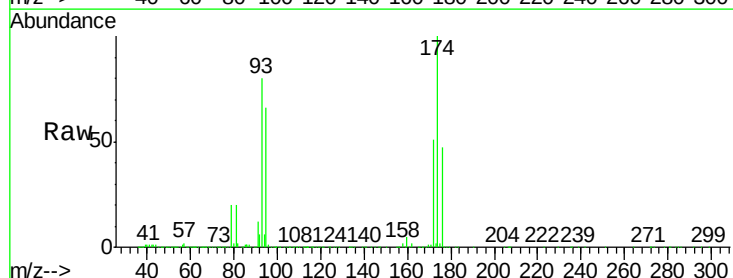
Manual Integrations  
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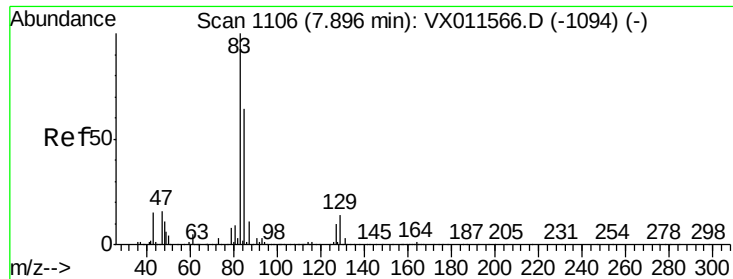
MMDadoda  
 8/20/2019 3:41:52 PM



#46  
 Dibromomethane  
 Concen: 54.748 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 117210 |       |       |
| 95      | 82.1  |        | 67.2  | 100.8 |
| 174     | 123.2 |        | 105.5 | 158.3 |





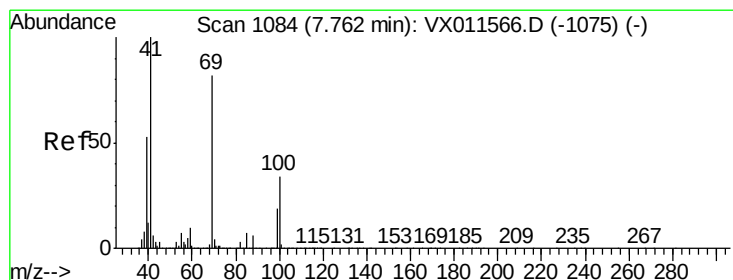
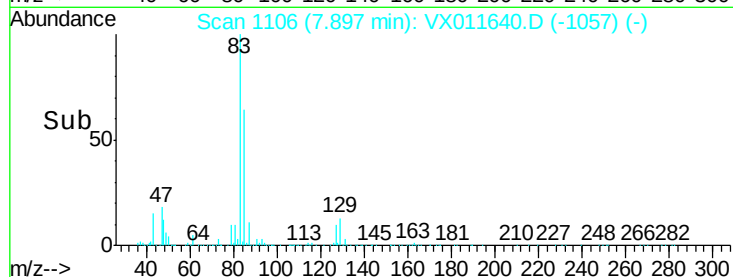
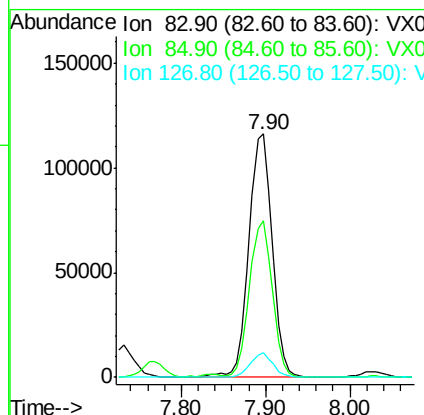
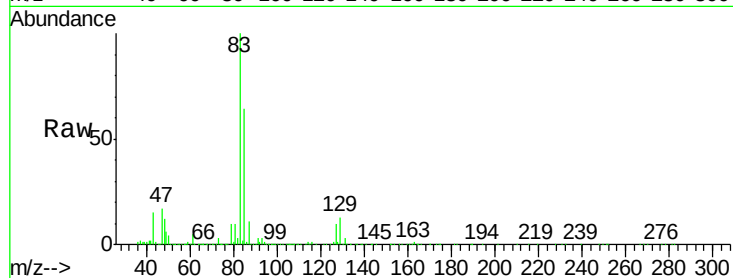
#47  
Bromodichloromethane  
Concen: 55.026 ug/l  
RT: 7.90 min Scan# 1106  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 216306 |       |       |
| 85      | 64.4  | 51.2   | 76.8  |       |
| 127     | 9.9   | 8.1    | 12.1  |       |

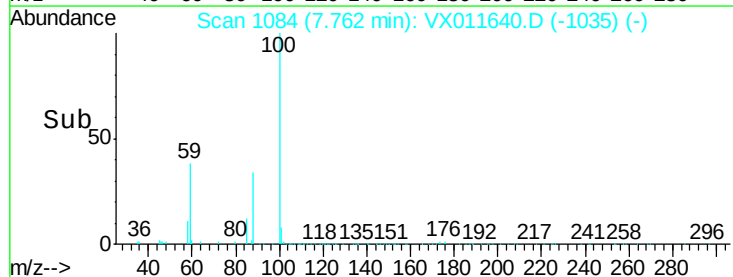
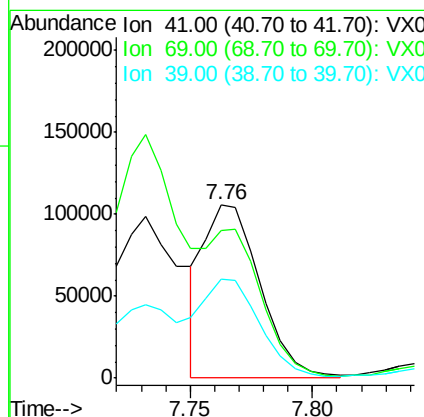
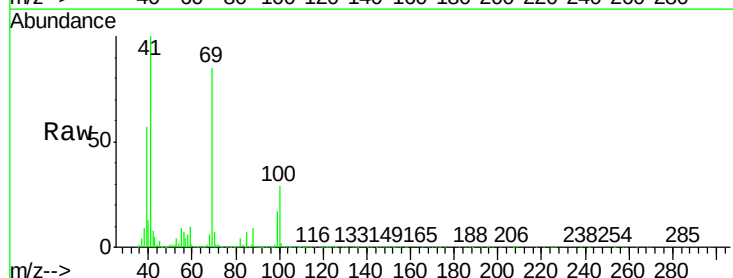
Manual Integrations  
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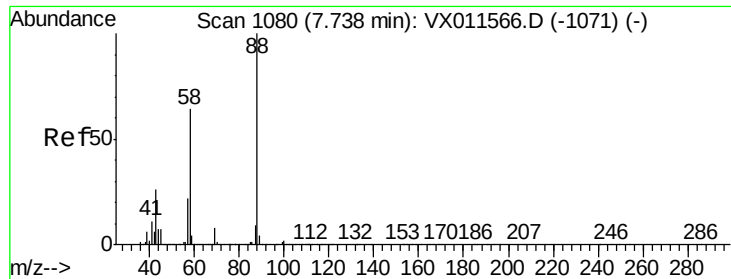
MMDadoda  
8/20/2019 3:41:52 PM



#48  
Methyl methacrylate  
Concen: 49.011 ug/l  
RT: 7.76 min Scan# 1084  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 41      | 100   | 165614 |        |       |
| 69      | 0.0   | 67.9   | 101.9# |       |
| 39      | 65.2  | 41.6   | 62.4#  |       |





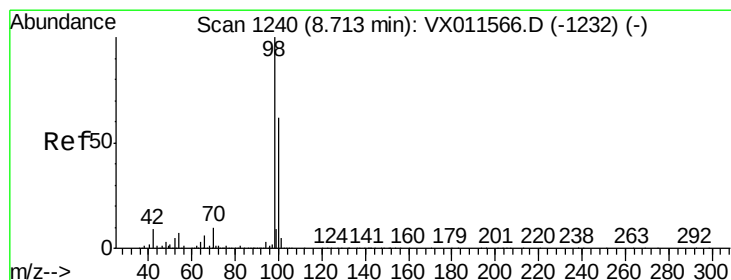
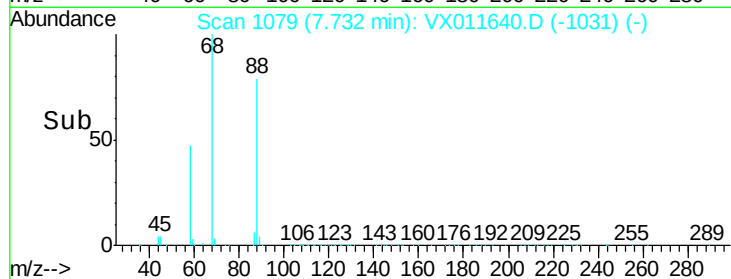
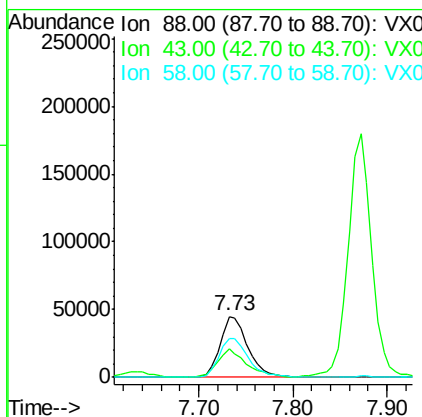
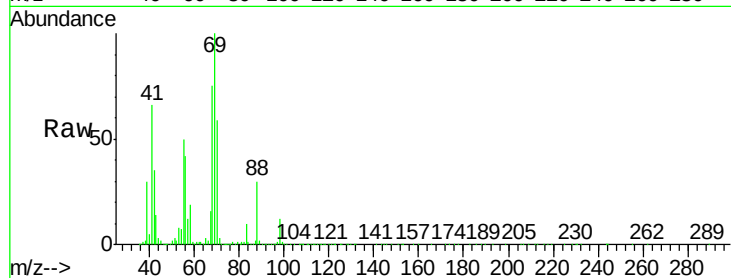
#49  
1,4-Dioxane  
Concen: 1025.383 ug/l  
RT: 7.73 min Scan# 1079  
Delta R.T. -0.01 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 88      | 100   | 92158 |       |       |
| 43      | 45.7  | 23.4  | 35.0# |       |
| 58      | 66.6  | 54.3  | 81.5  |       |

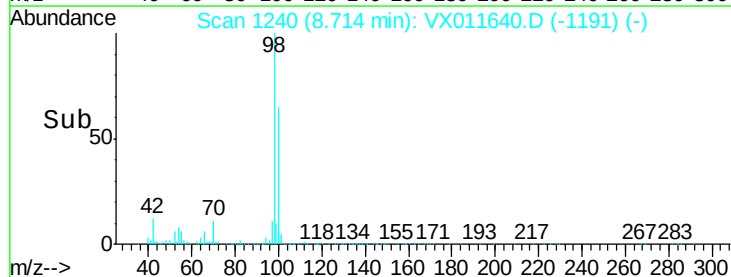
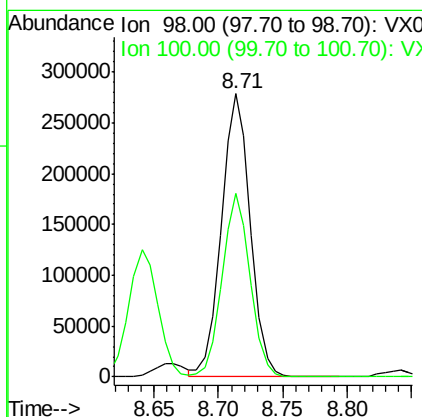
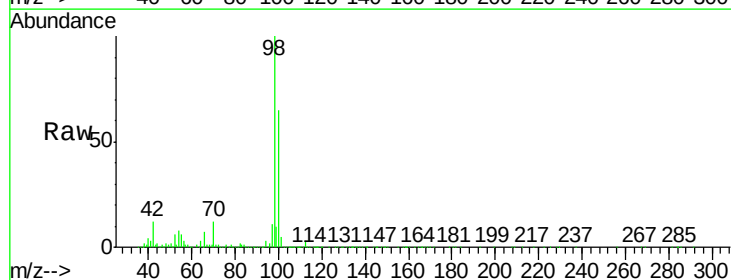
Manual Integrations  
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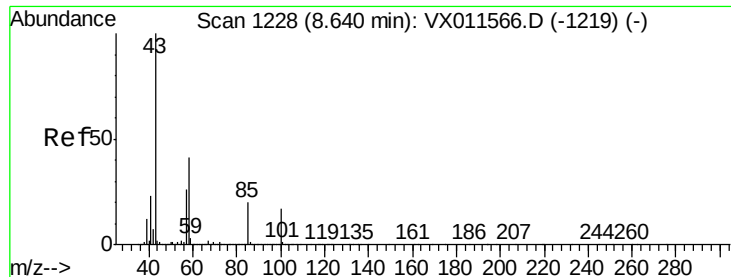
MMDadoda  
8/20/2019 3:41:52 PM



#50  
Toluene-d8  
Concen: 48.322 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 98      | 100   | 437851 |       |       |
| 100     | 62.7  | 52.4   | 78.6  |       |





#51

4-Methyl-2-Pentanone

Concen: 277.353 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion: 43 Resp: 1238739

Ion Ratio Lower Upper

43 100

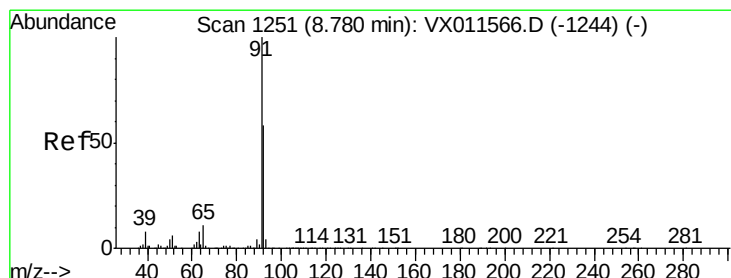
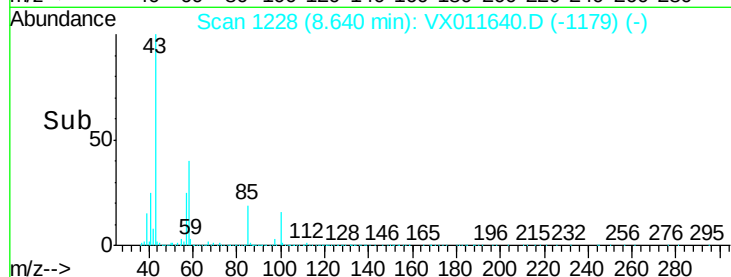
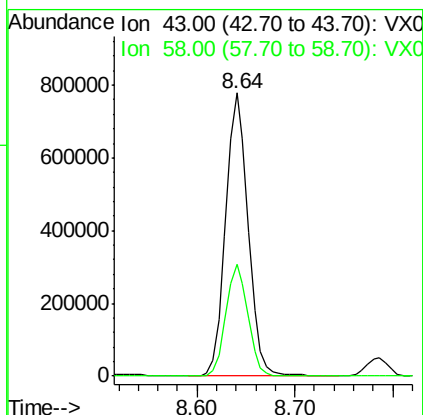
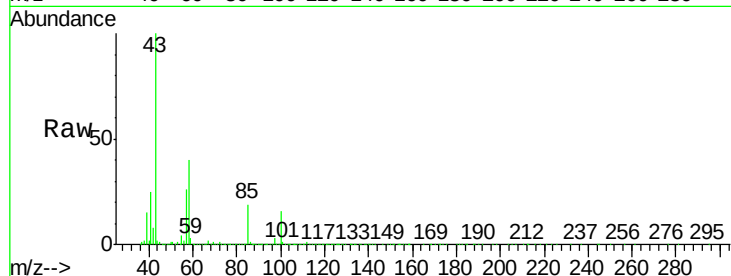
58 38.6 31.8 47.6

Manual Integrations

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8/20/2019 3:41:52 PM



#52

Toluene

Concen: 886.358 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011640.D

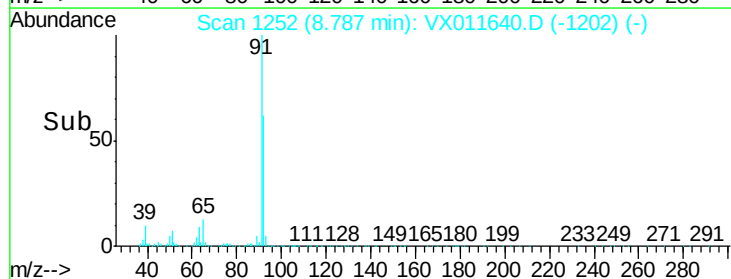
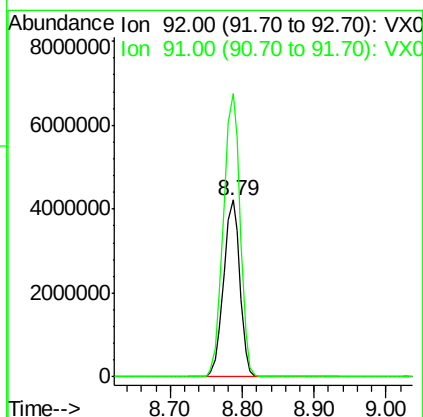
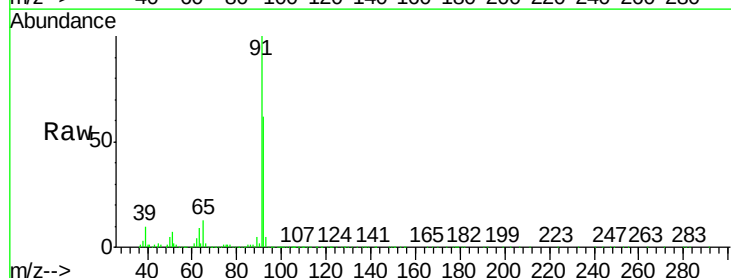
Acq: 19 Aug 2019 18:27

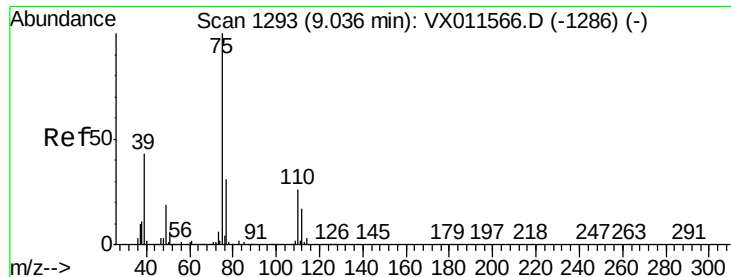
Tgt Ion: 92 Resp: 6670749

Ion Ratio Lower Upper

92 100

91 165.2 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 56.240 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion: 75 Resp: 229443

Ion Ratio Lower Upper

75 100

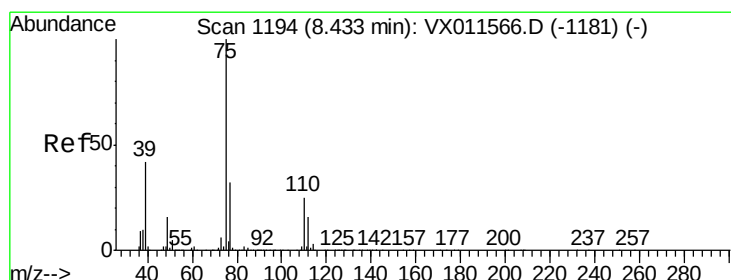
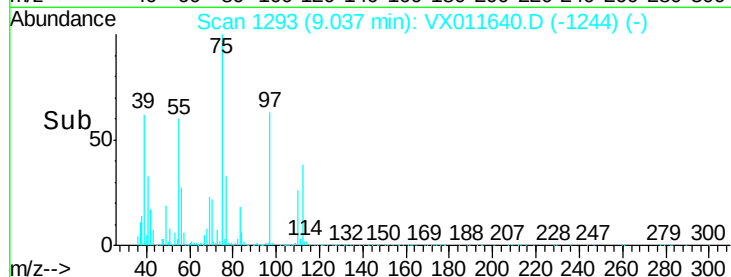
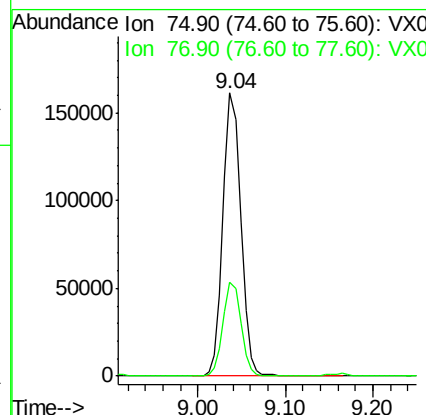
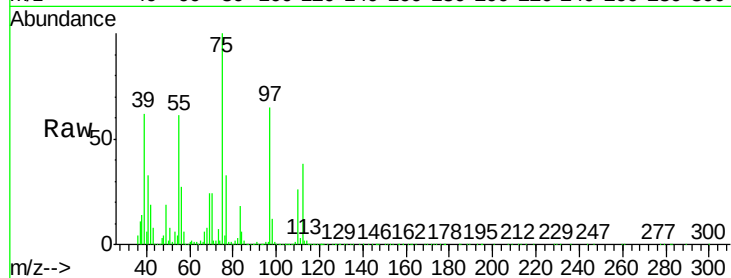
77 33.0 25.1 37.7

Manual Integrations

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8/20/2019 3:41:52 PM



#54

cis-1,3-Dichloropropene

Concen: 54.235 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

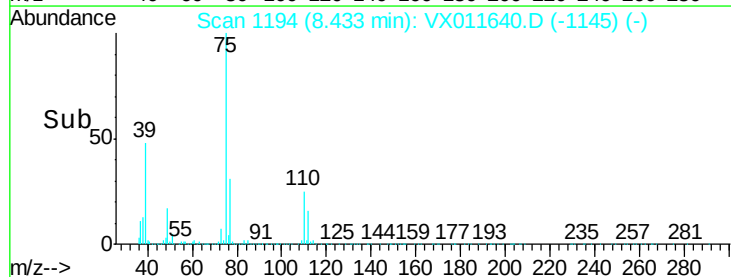
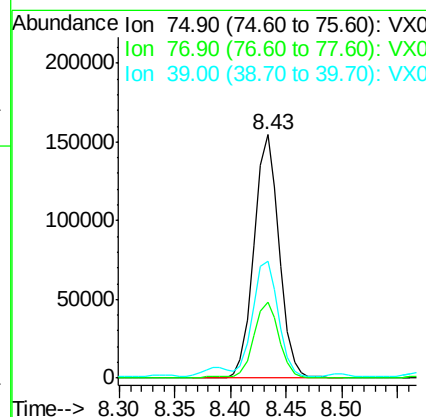
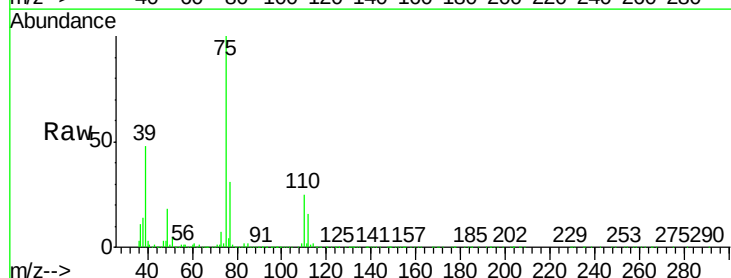
Tgt Ion: 75 Resp: 242143

Ion Ratio Lower Upper

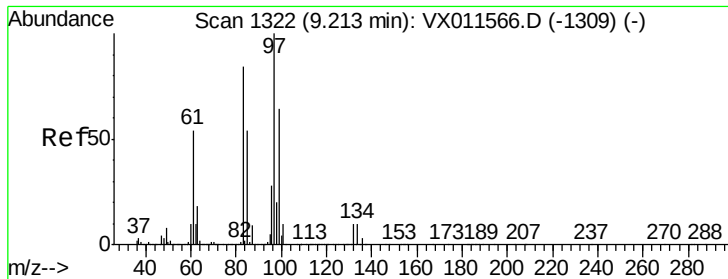
75 100

77 31.1 25.5 38.3

39 47.0 33.6 50.4







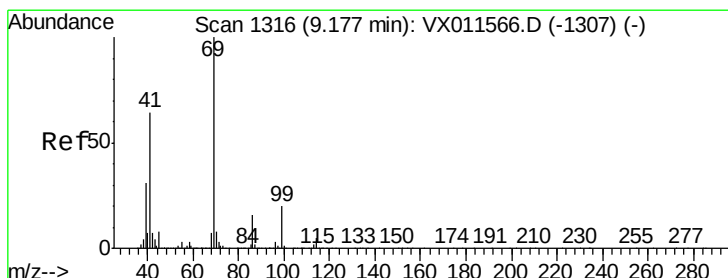
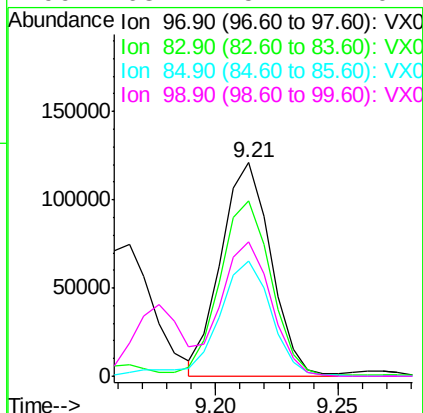
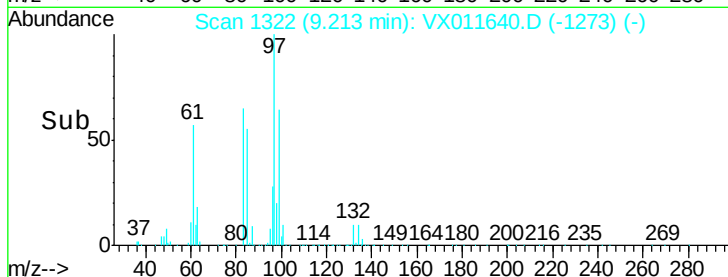
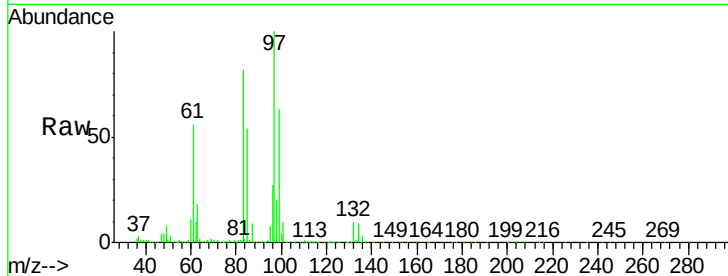
#55  
 1,1,2-Trichloroethane  
 Concen: 53.575 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PH2-0142MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 171464 |       |       |
| 83      | 82.7 | 67.4  | 101.0  |       |       |
| 85      | 54.2 | 43.4  | 65.2   |       |       |
| 99      | 63.4 | 51.1  | 76.7   |       |       |

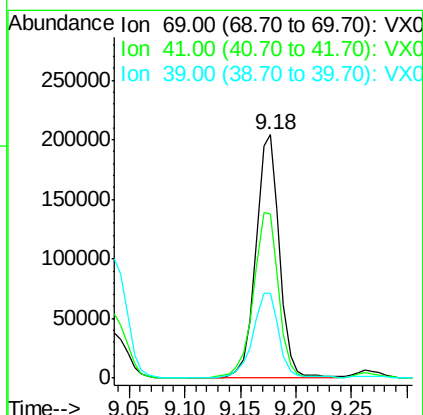
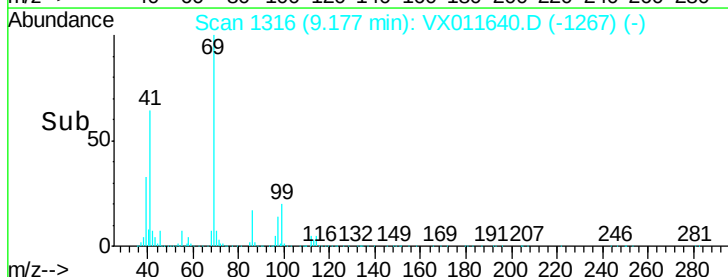
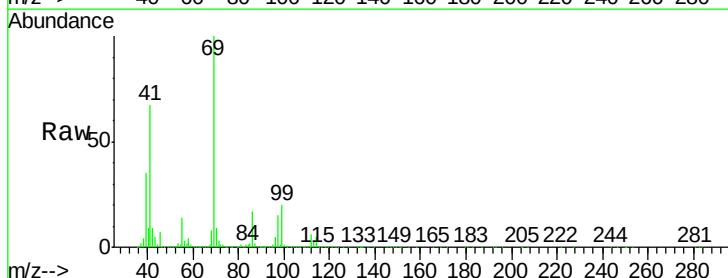
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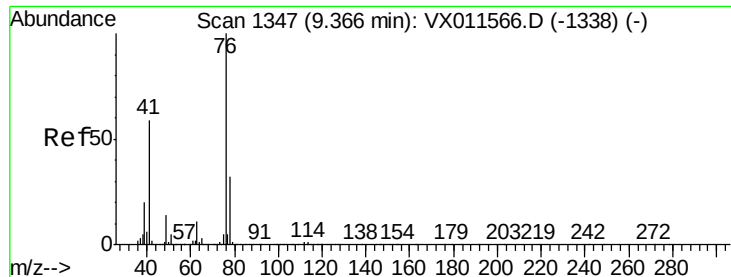
MMDadoda  
 8/20/2019 3:41:52 PM



#56  
 Ethyl methacrylate  
 Concen: 64.459 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 299840 |       |       |
| 41      | 72.9 | 52.1  | 78.1   |       |       |
| 39      | 38.2 | 25.4  | 38.0#  |       |       |





#57

1,3-Dichloropropane

Concen: 55.671 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion: 76 Resp: 283222

Ion Ratio Lower Upper

76 100

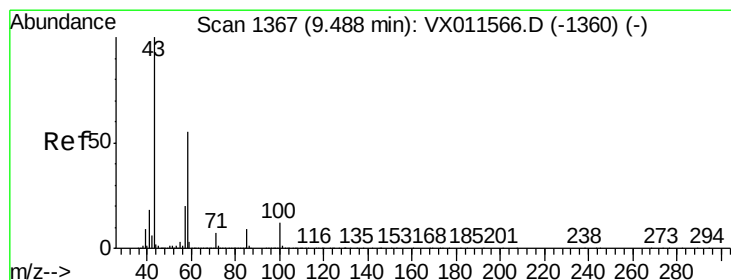
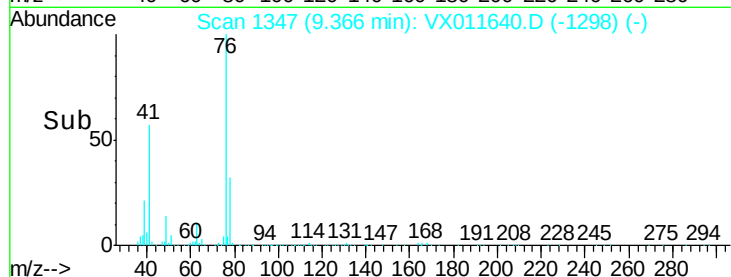
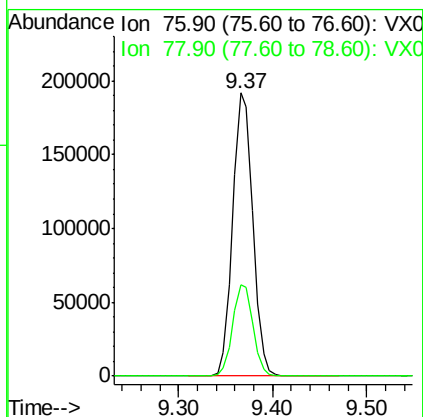
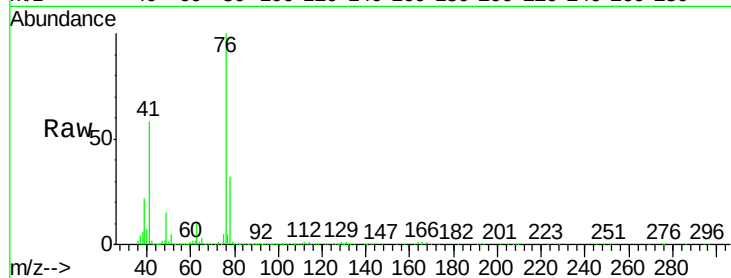
78 32.5 26.2 39.4

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8/20/2019 3:41:52 PM



#59

2-Hexanone

Concen: 289.156 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX011640.D

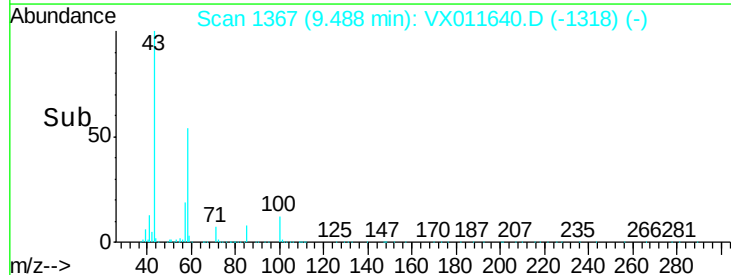
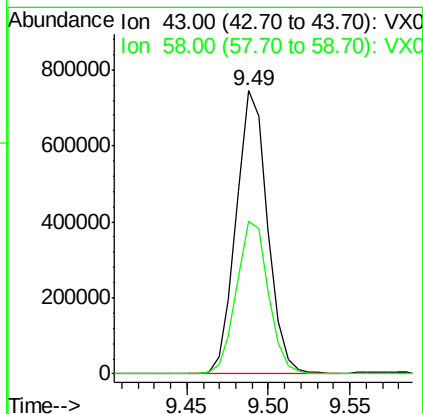
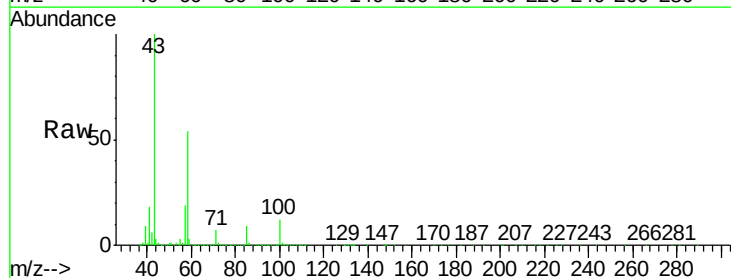
Acq: 19 Aug 2019 18:27

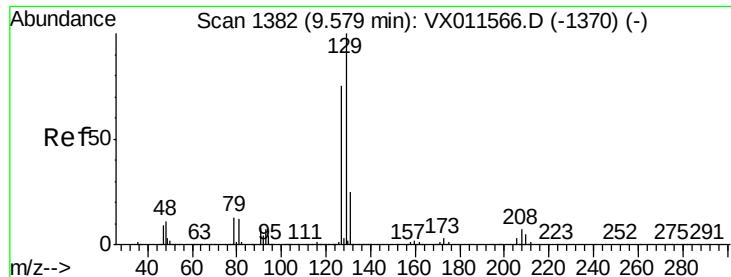
Tgt Ion: 43 Resp: 995911

Ion Ratio Lower Upper

43 100

58 55.4 27.5 82.4





#60

Dibromochloromethane

Concen: 59.705 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion:129 Resp: 199090

Ion Ratio Lower Upper

129 100

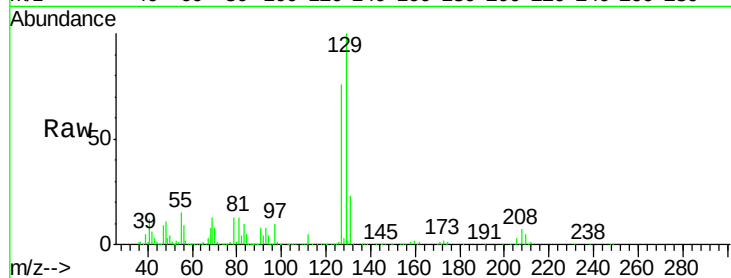
127 76.8 38.0 114.1

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8/20/2019 3:41:52 PM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

150000

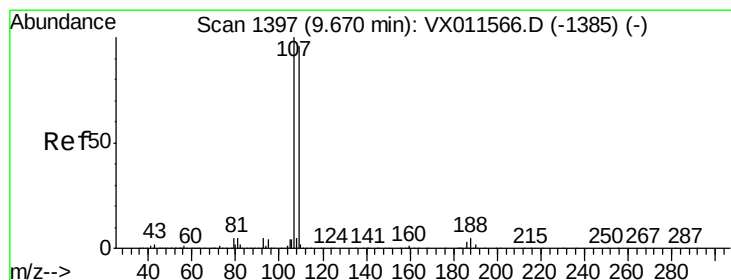
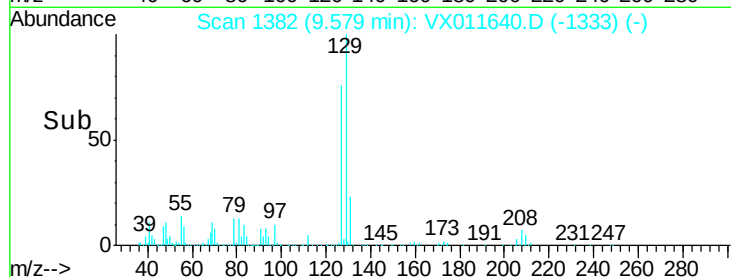
100000

50000

0

9.50 9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 57.270 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011640.D

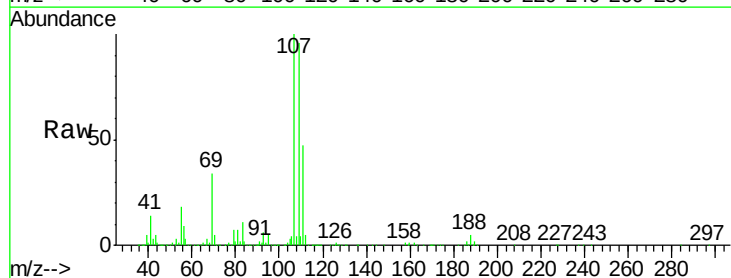
Acq: 19 Aug 2019 18:27

Tgt Ion:107 Resp: 195617

Ion Ratio Lower Upper

107 100

109 96.5 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

150000

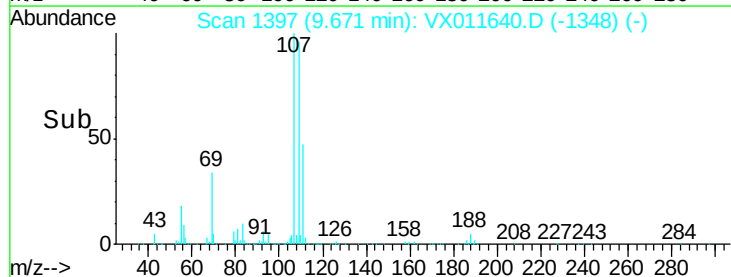
100000

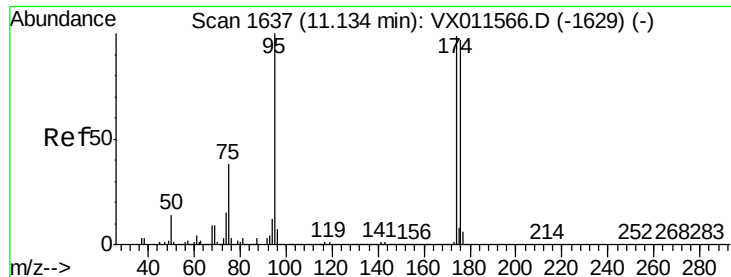
50000

0

9.60 9.65 9.70 9.75

Time-->





#62

4-Bromofluorobenzene

Concen: 51.936 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion: 95 Resp: 198632

Ion Ratio Lower Upper

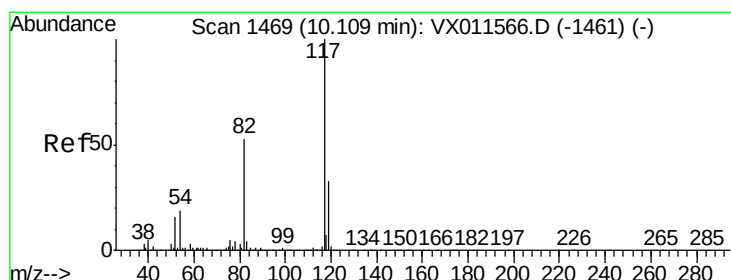
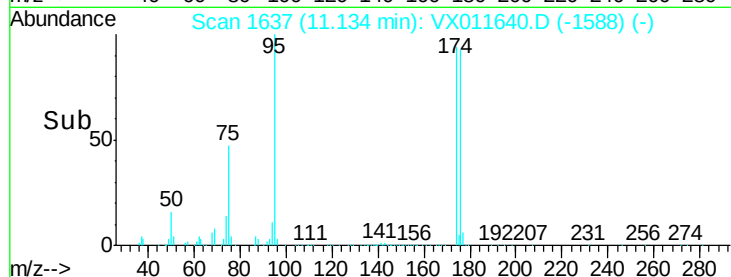
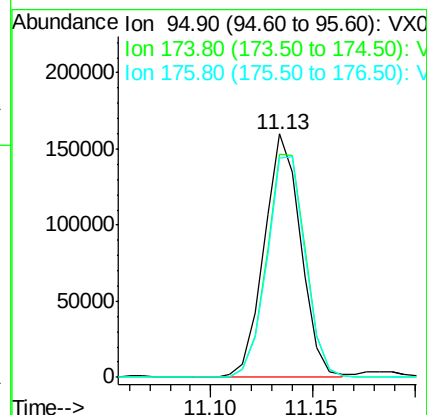
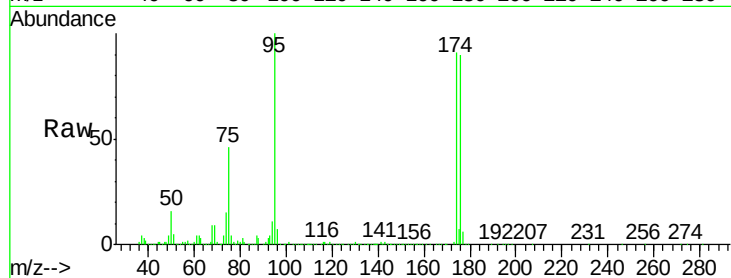
95 100

174 97.4 0.0 200.6

176 95.3 0.0 196.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

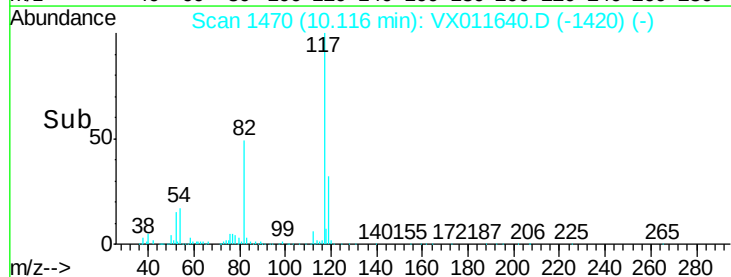
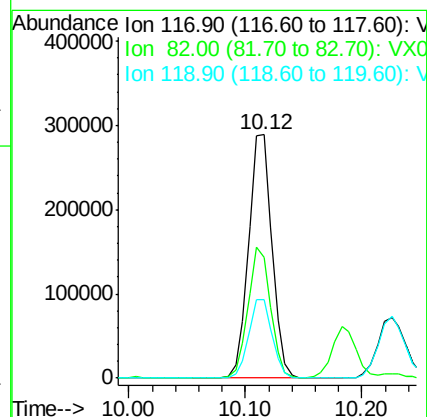
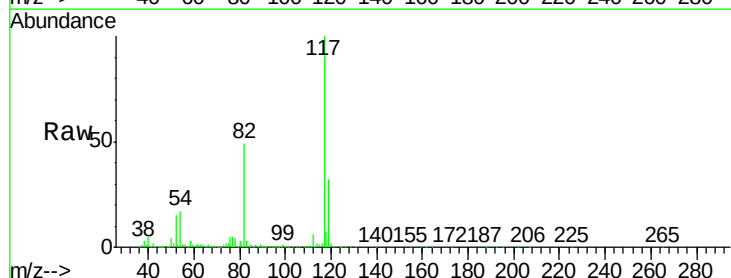
Tgt Ion: 117 Resp: 407756

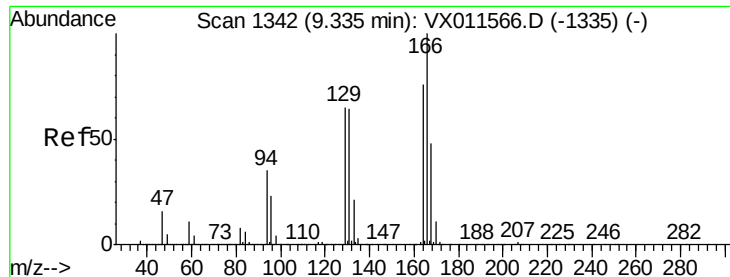
Ion Ratio Lower Upper

117 100

82 49.2 42.0 63.0

119 32.4 26.5 39.7





#64

Tetrachloroethene

Concen: 49.936 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

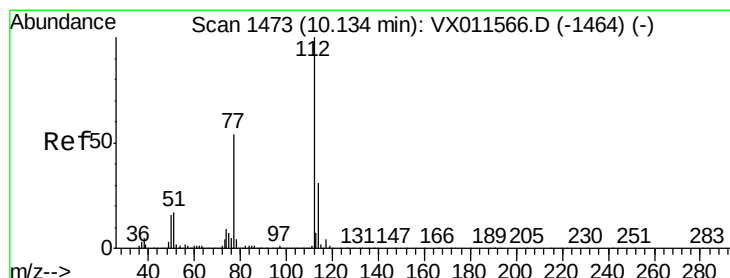
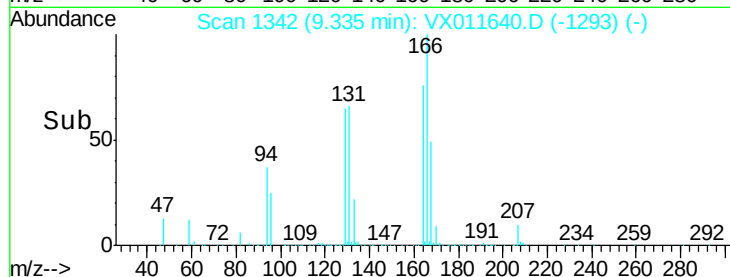
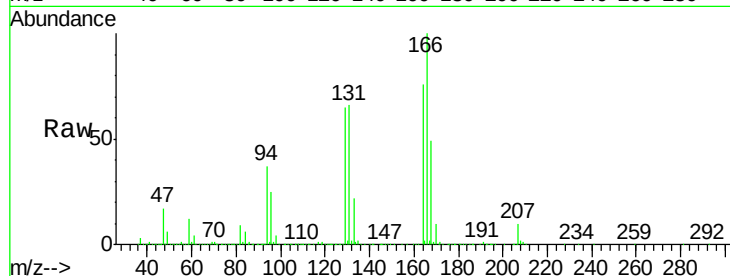
ClientSampleId :

PH2-0142MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.6 | 104.7 | 157.1 |
| 129     | 86.0  | 68.2  | 102.4 |
| 131     | 86.2  | 67.3  | 100.9 |

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#65

Chlorobenzene

Concen: 55.700 ug/l

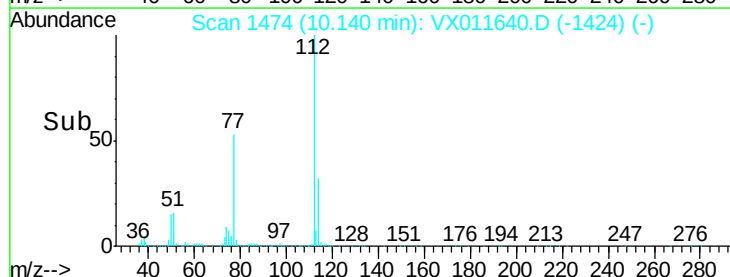
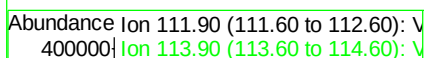
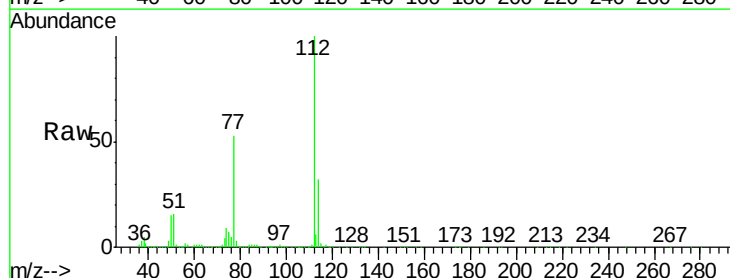
RT: 10.14 min Scan# 1474

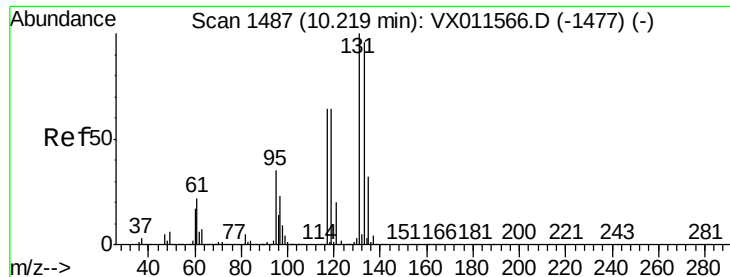
Delta R.T. 0.01 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.3  | 25.0  | 37.6  |





#66

1,1,1,2-Tetrachloroethane

Concen: 56.630 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion:131 Resp: 184085

Ion Ratio Lower Upper

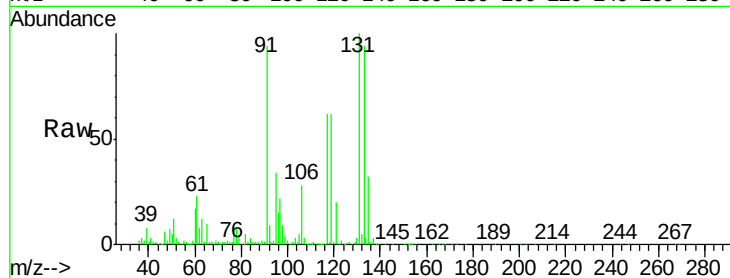
131 100

133 96.2 48.1 144.4

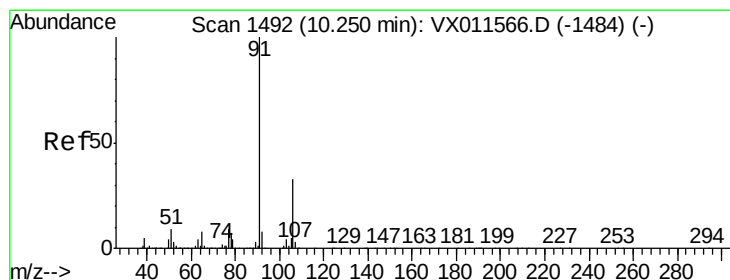
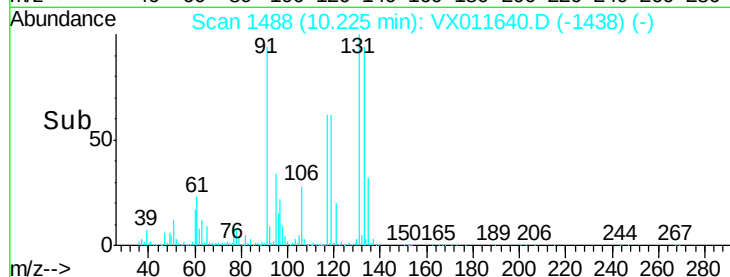
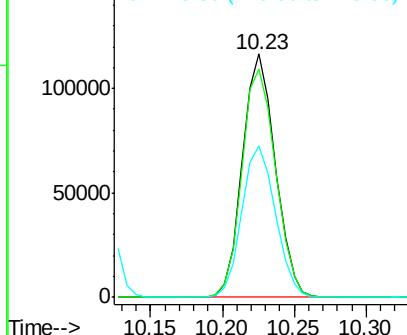
119 63.5 31.3 93.8

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Abundance Ion 130.80 (130.50 to 131.50): V  
Ion 132.80 (132.50 to 133.50): V  
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 1391.923 ug/l m

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011640.D

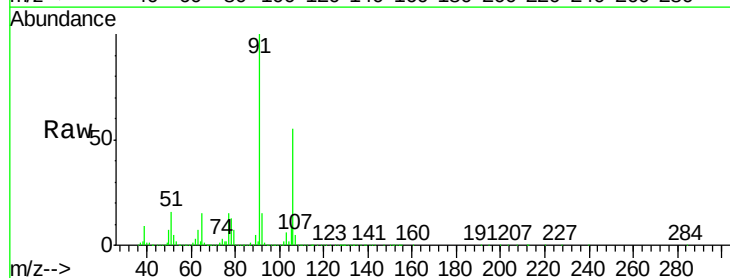
Acq: 19 Aug 2019 18:27

Tgt Ion: 91 Resp:20203169

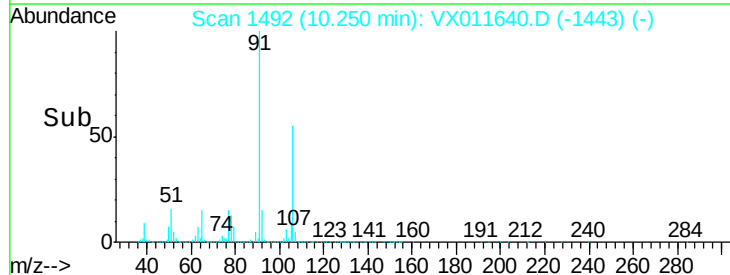
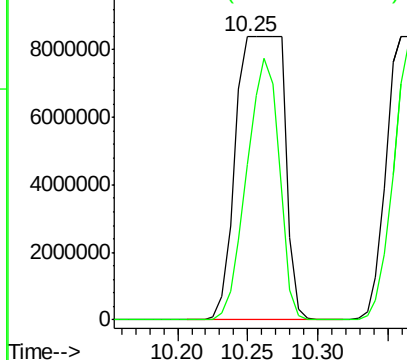
Ion Ratio Lower Upper

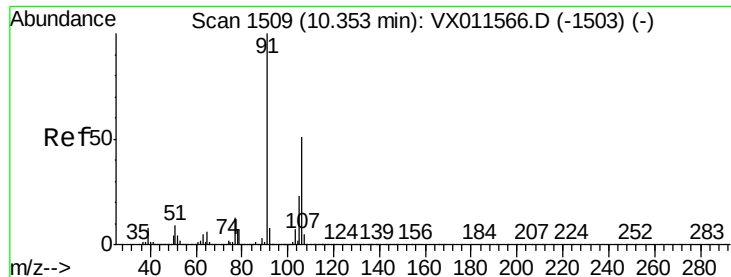
91 100

106 55.0 26.0 39.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 4714.966 ug/l m

RT: 10.37 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion:106 Resp:26269226

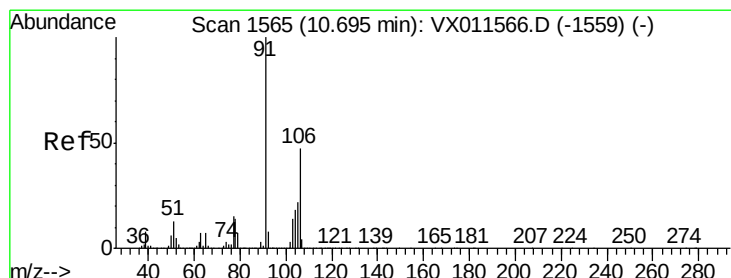
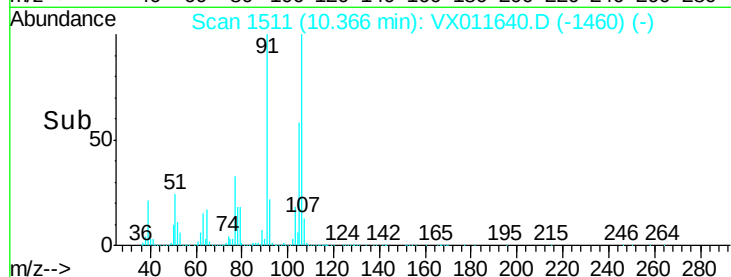
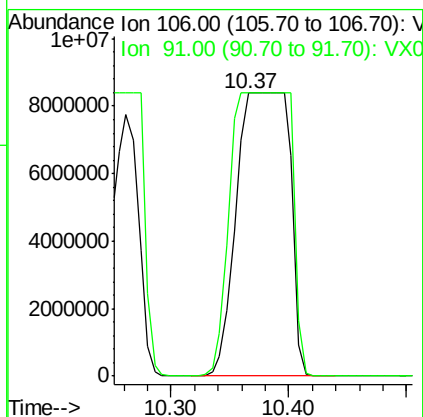
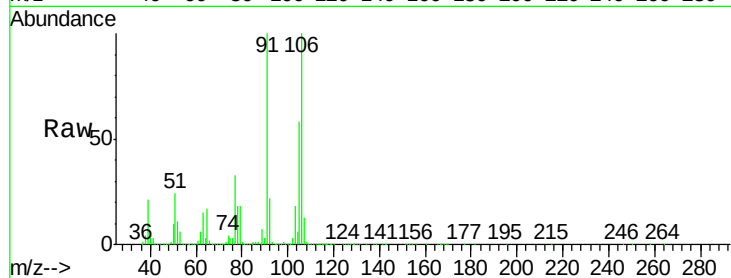
Ion Ratio Lower Upper

106 100

91 0.0 156.0 234.0#

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#69

o-Xylene

Concen: 1255.364 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX011640.D

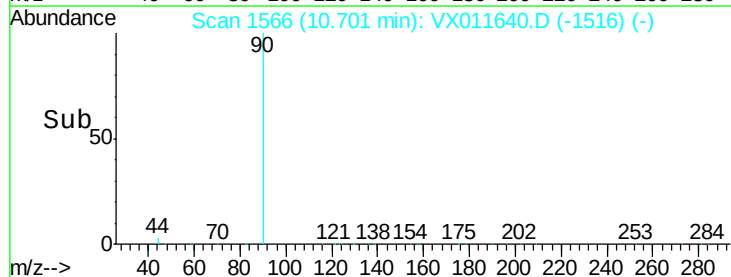
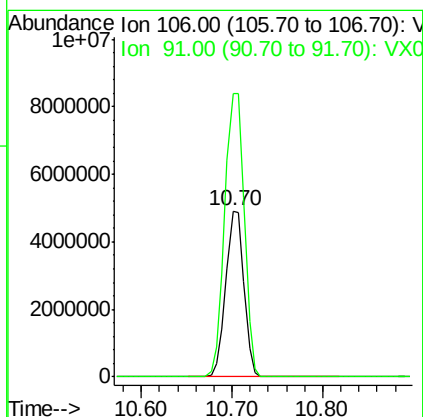
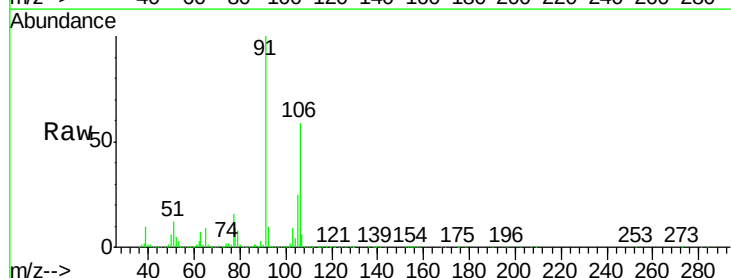
Acq: 19 Aug 2019 18:27

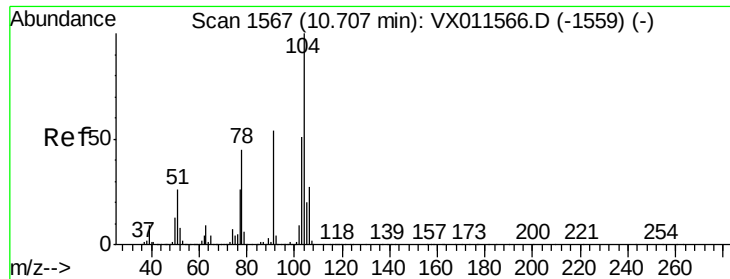
Tgt Ion:106 Resp: 6851056

Ion Ratio Lower Upper

106 100

91 184.6 105.5 316.4





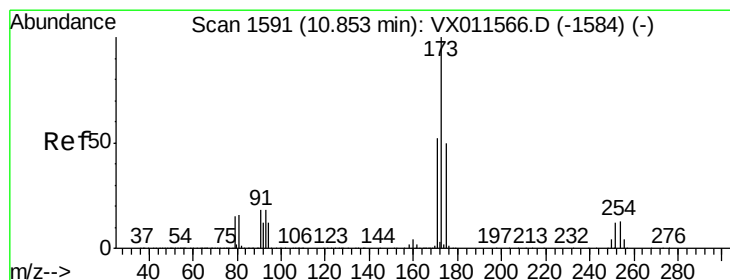
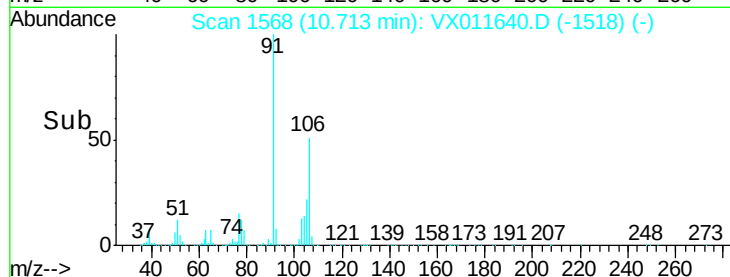
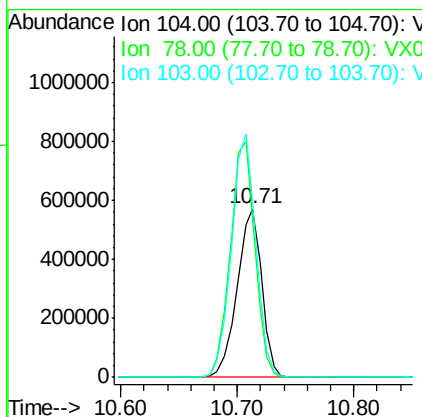
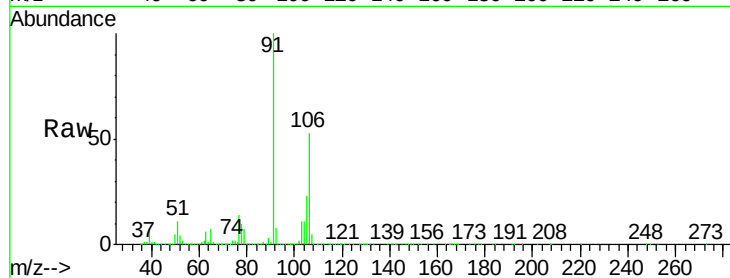
#70  
Stvrene  
Concen: 91.211 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.01 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 837976 |       |       |
| 78      | 140.5 |        | 38.2  | 57.4# |
| 103     | 142.9 |        | 43.6  | 65.4# |

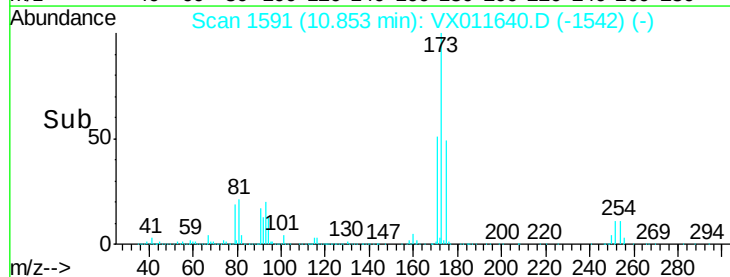
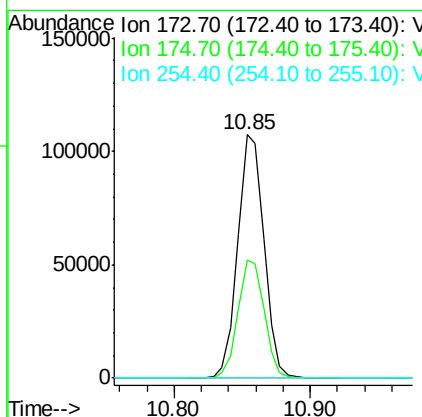
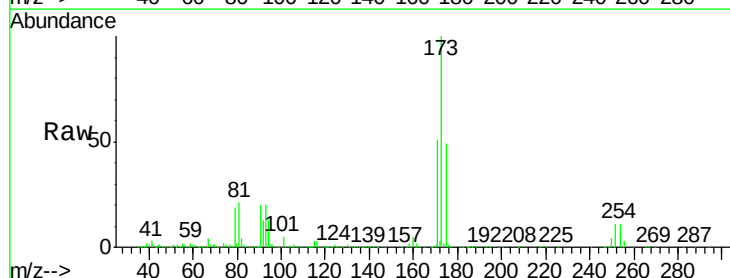
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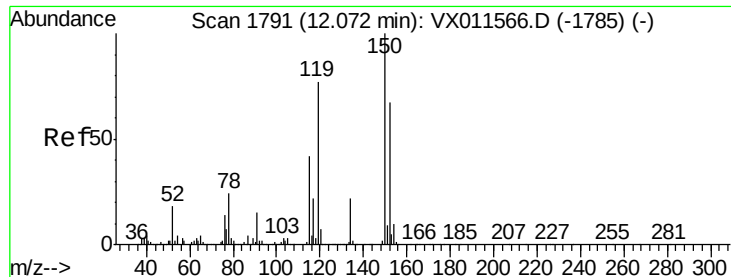


#71  
Bromoform  
Concen: 45.973 ug/l  
RT: 10.85 min Scan# 1591  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 173     | 100   | 144327 |       |       |
| 175     | 48.8  |        | 24.9  | 74.7  |
| 254     | 0.3   |        | 0.1   | 0.1#  |







#72

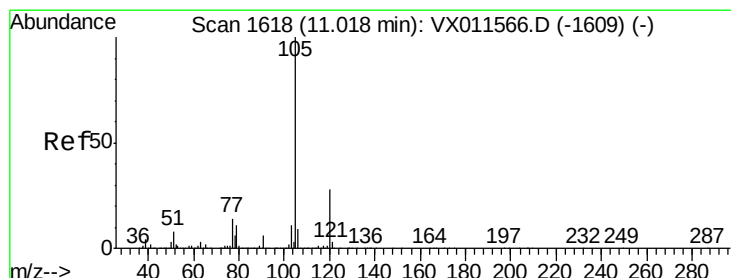
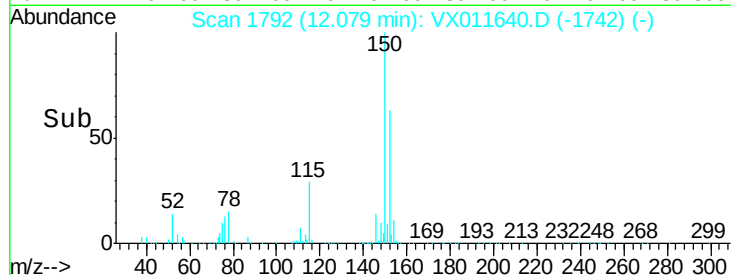
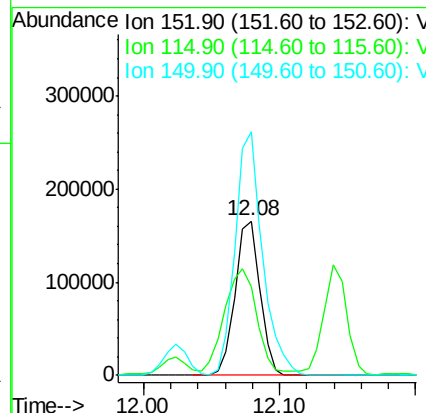
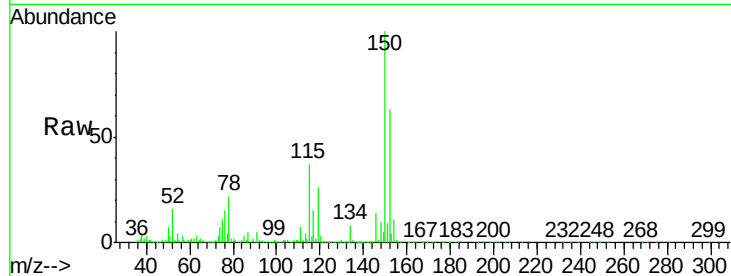
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.01 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 209787 |       |       |
| 115     | 88.6  | 37.3   | 111.9 |       |
| 150     | 175.0 | 0.0    | 346.2 |       |

Manual Integrations  
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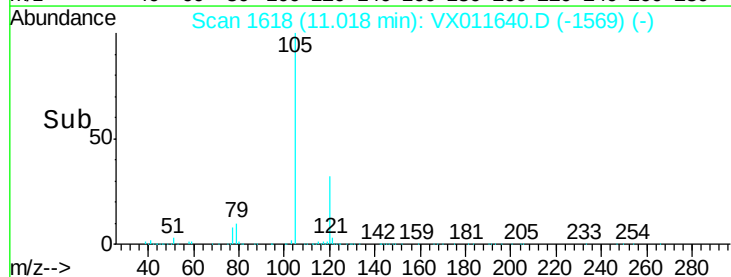
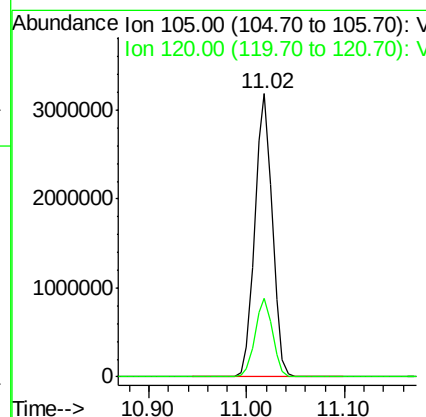
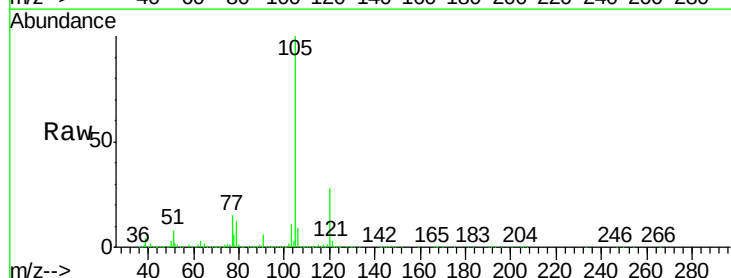
MMDadoda  
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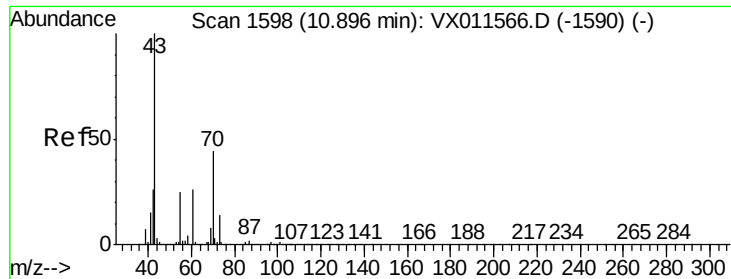


#73

Isopropylbenzene  
Concen: 288.478 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 105     | 100   | 3926987 |       |       |
| 120     | 27.8  | 14.0    | 41.9  |       |





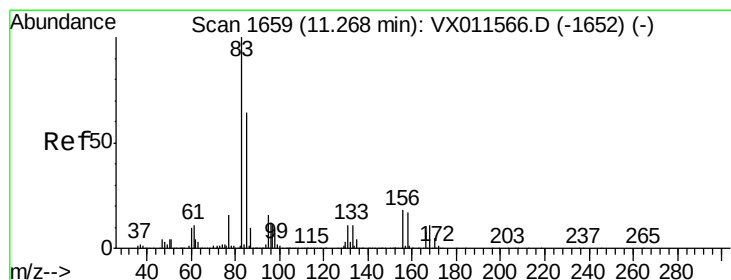
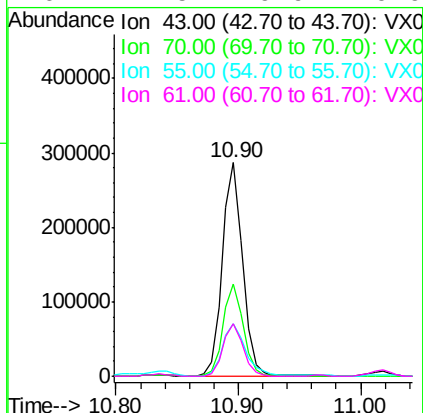
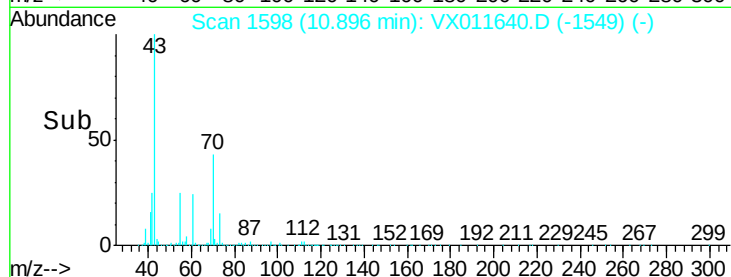
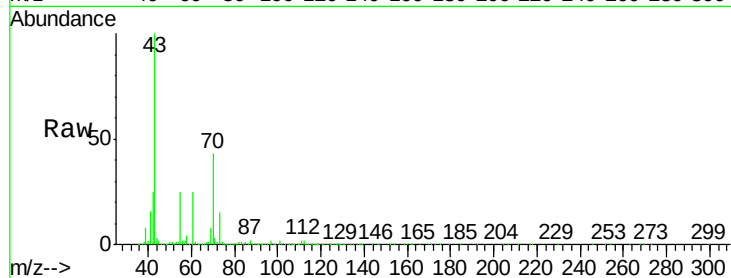
#74  
N-amvl acetate  
Concen: 56.774 ug/l  
RT: 10.90 min Scan# 1598  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

| Tot Ion   | 43    | Resp  | 328434 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 70        | 43.2  | 34.7  | 52.1   |
| 55        | 27.7  | 19.6  | 29.4   |
| 61        | 24.5  | 19.9  | 29.9   |

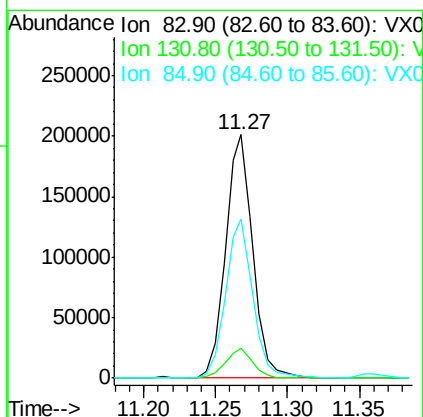
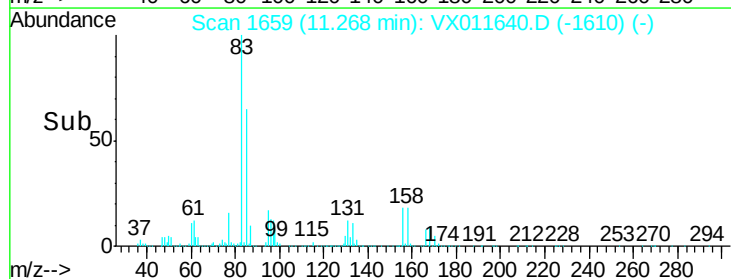
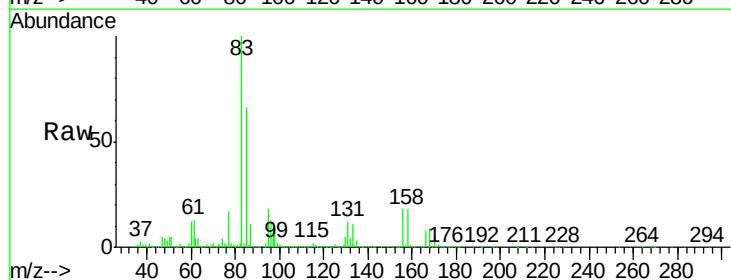
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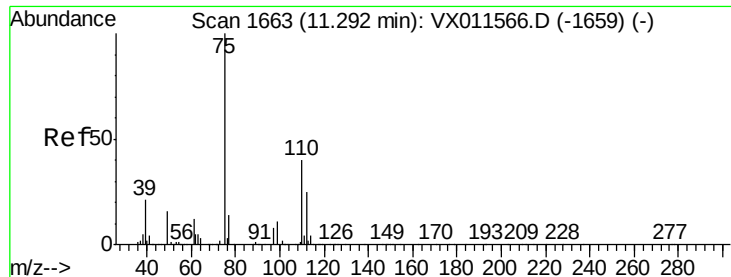
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#75  
1,1,2,2-Tetrachloroethane  
Concen: 56.734 ug/l  
RT: 11.27 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

| Tgt Ion   | 83    | Resp  | 265674 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 12.1  | 5.8   | 17.3   |
| 85        | 65.3  | 31.9  | 95.9   |





#76

1,2,3-Trichloropropane

Concen: 74.281 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampled :

PH2-0142MSD

Tot Ion: 75 Resp: 295495

Ion Ratio Lower Upper

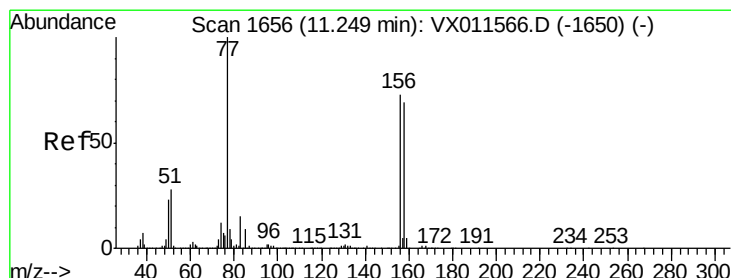
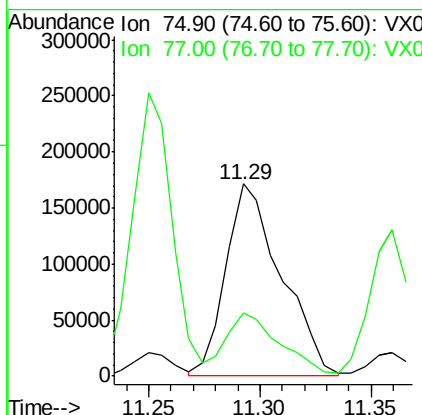
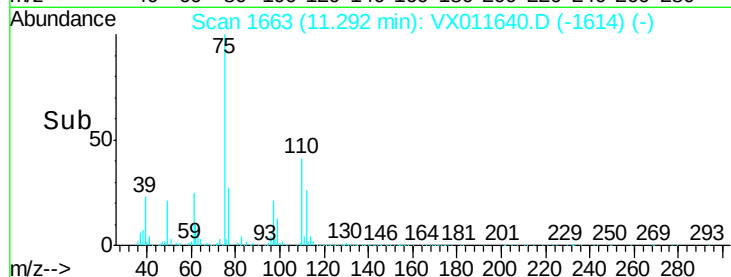
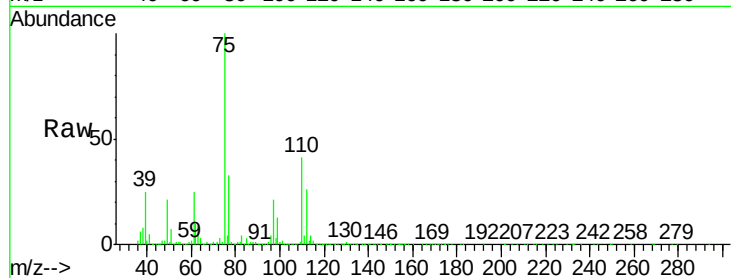
75 100

77 32.5 20.9 62.8

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8/20/2019 3:41:52 PM



#77

Bromobenzene

Concen: 58.326 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

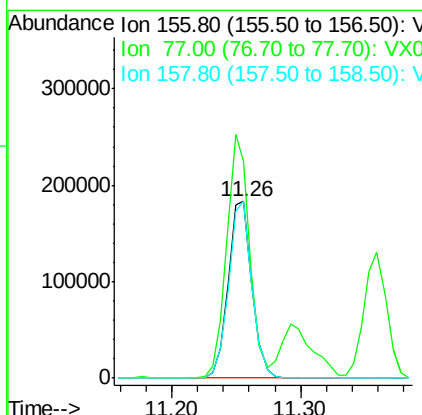
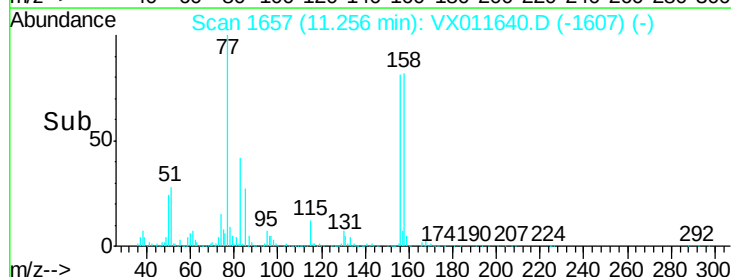
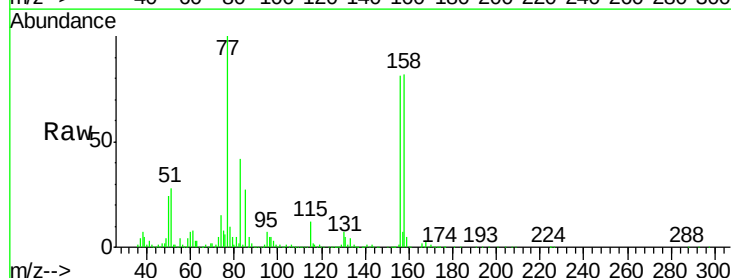
Tgt Ion: 156 Resp: 236223

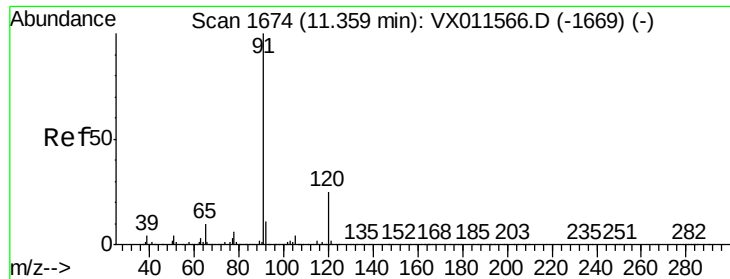
Ion Ratio Lower Upper

156 100

77 134.2 64.6 193.9

158 98.0 48.4 145.3





#78

n-propylbenzene

Concen: 265.703 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion: 91 Resp: 3900171

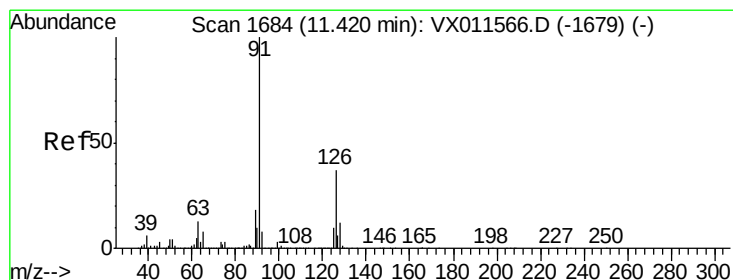
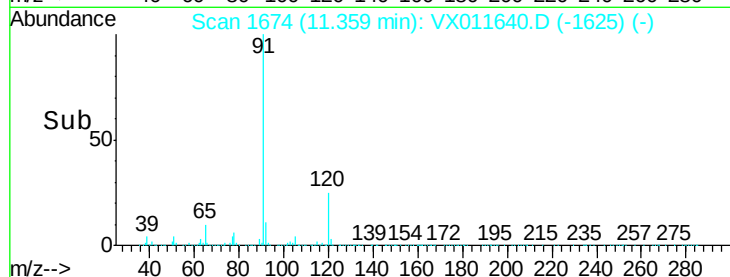
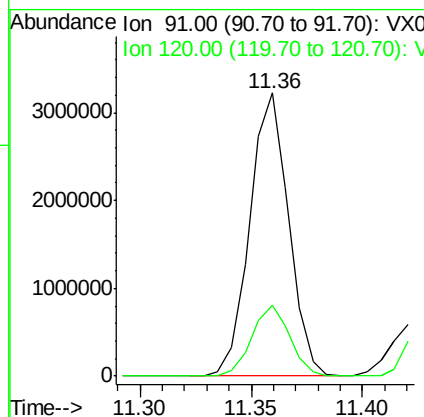
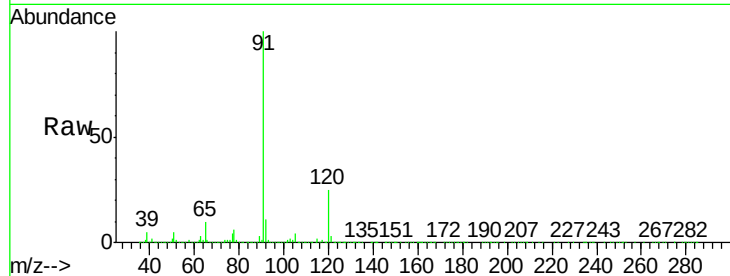
Ion Ratio Lower Upper

91 100

120 24.7 12.6 37.6

Manual Integrations  
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#79

2-Chlorotoluene

Concen: 201.224 ug/l m

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011640.D

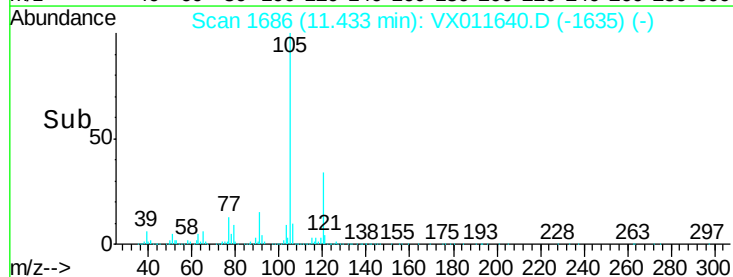
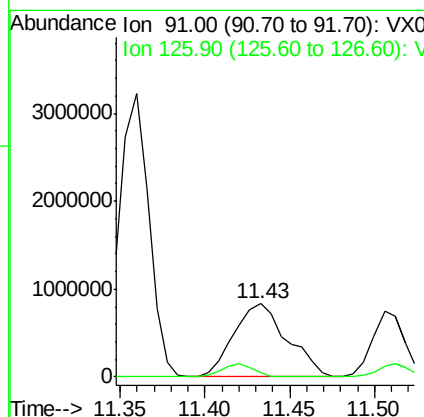
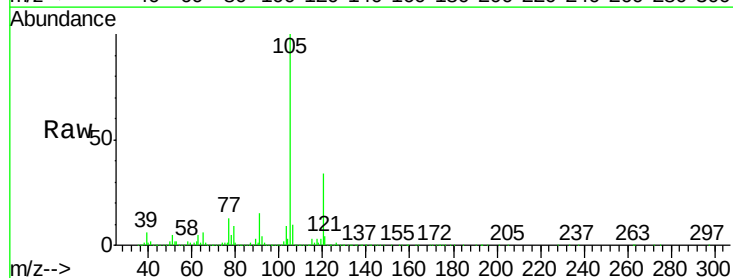
Acq: 19 Aug 2019 18:27

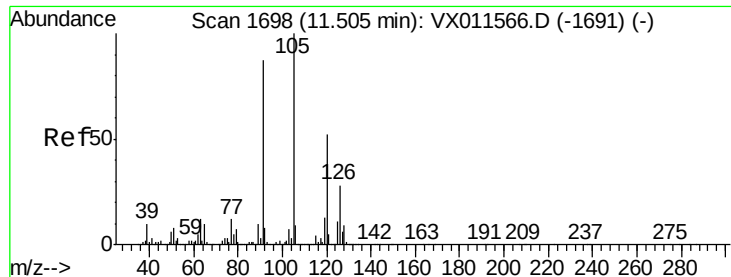
Tgt Ion: 91 Resp: 1813724

Ion Ratio Lower Upper

91 100

126 10.4 18.4 55.0#





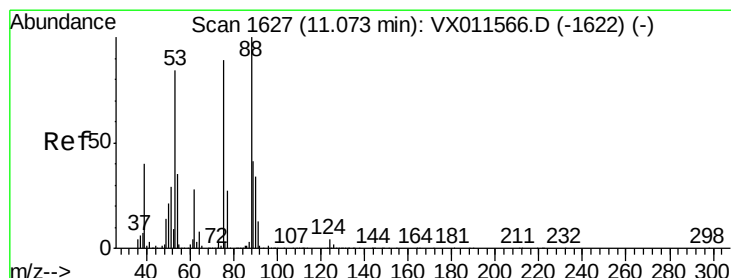
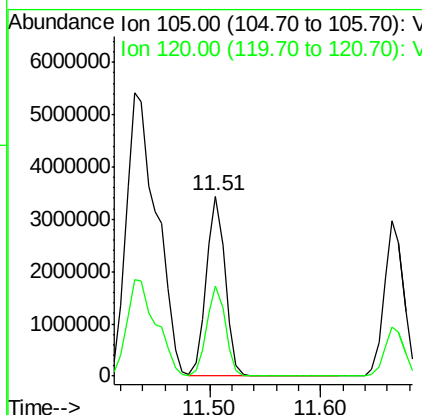
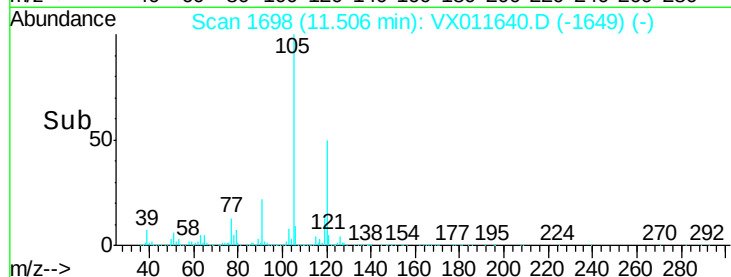
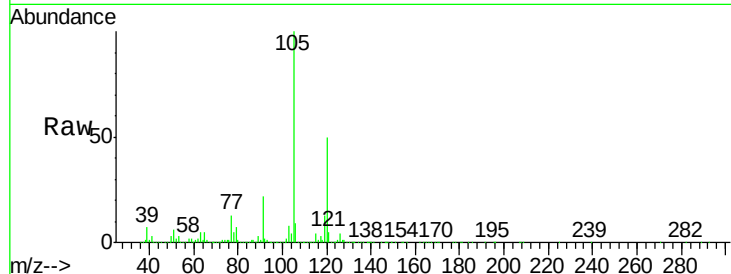
#80  
 1,3,5-Trimethylbenzene  
 Concen: 354.075 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 PH2-0142MSD

Tot Ion:105 Resp: 4048921  
 Ion Ratio Lower Upper  
 105 100  
 120 49.7 25.3 75.8

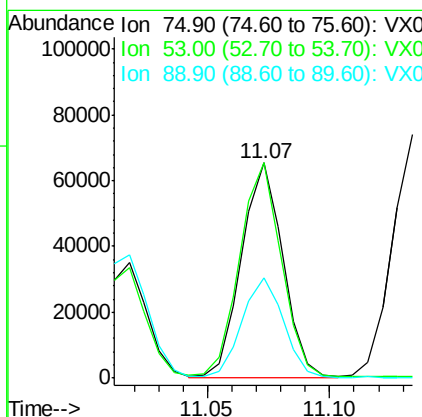
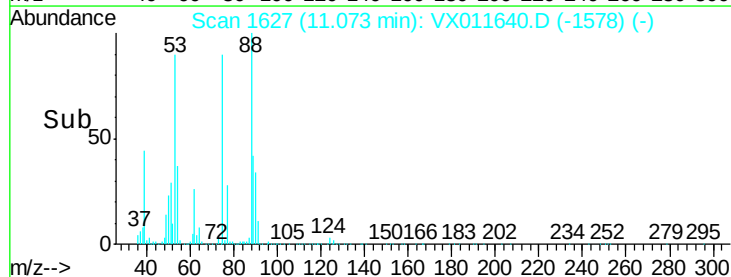
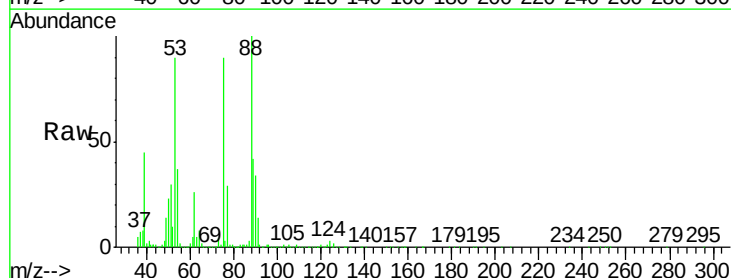
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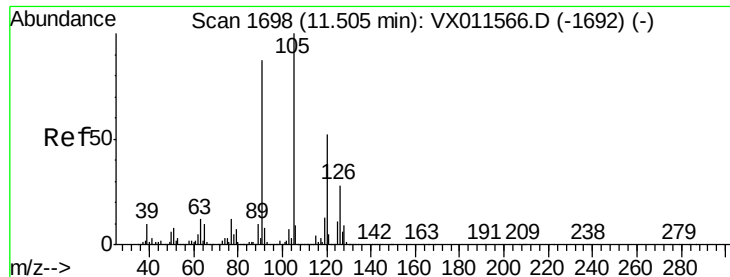
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#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 52.280 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

Tgt Ion: 75 Resp: 77102  
 Ion Ratio Lower Upper  
 75 100  
 53 100.4 77.4 116.0  
 89 46.8 37.3 55.9





#82

4-Chlorotoluene

Concen: 92.343 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

ClientSampleId :

PH2-0142MSD

Tot Ion: 91 Resp: 965629

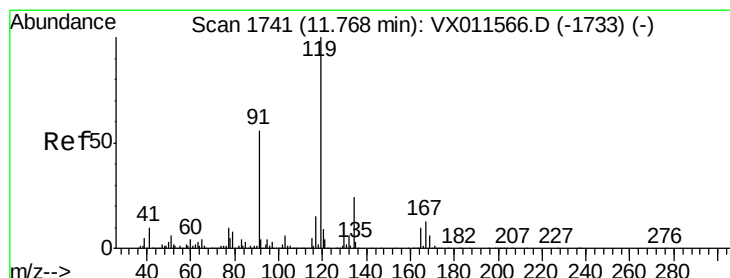
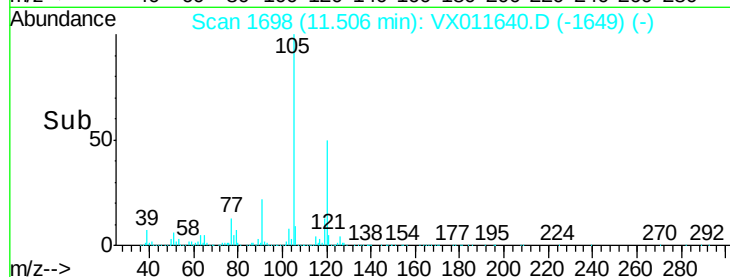
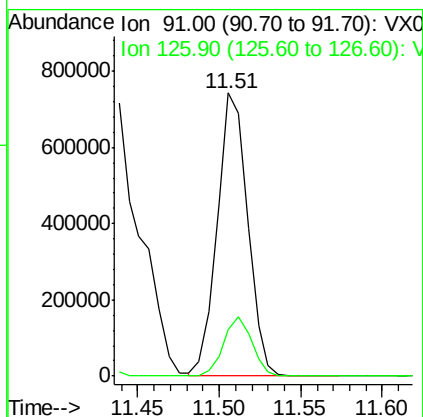
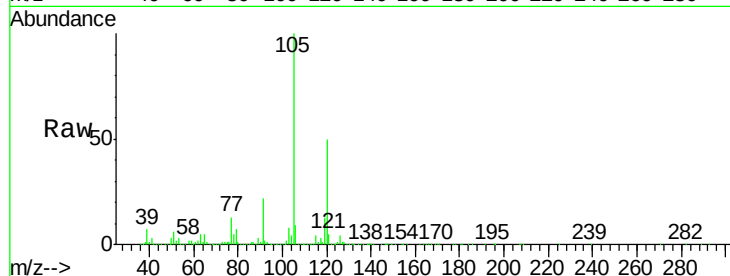
Ion Ratio Lower Upper

91 100

126 19.5 16.4 49.1

Manual Integrations  
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8/20/2019 3:41:52 PM



#83

tert-Butylbenzene

Concen: 56.156 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

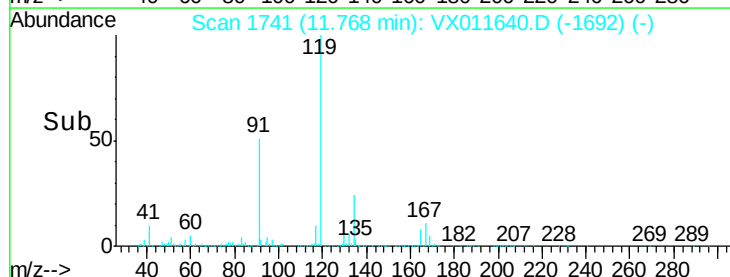
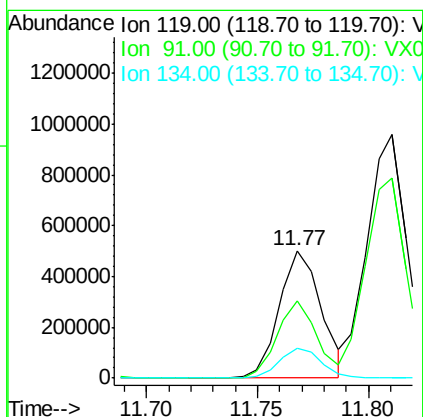
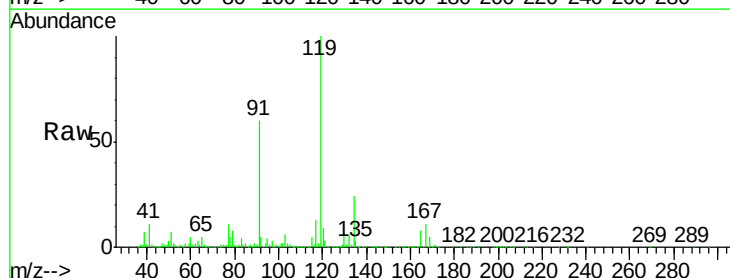
Tgt Ion: 119 Resp: 654026

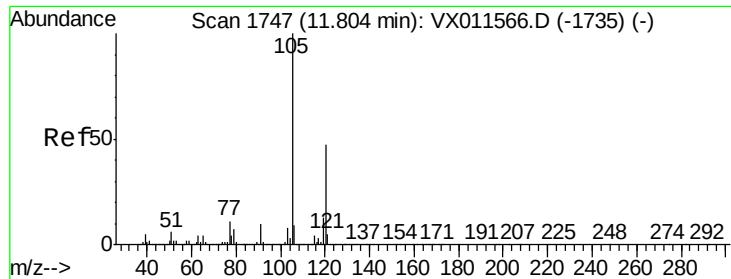
Ion Ratio Lower Upper

119 100

91 57.5 27.1 81.3

134 23.5 11.8 35.3





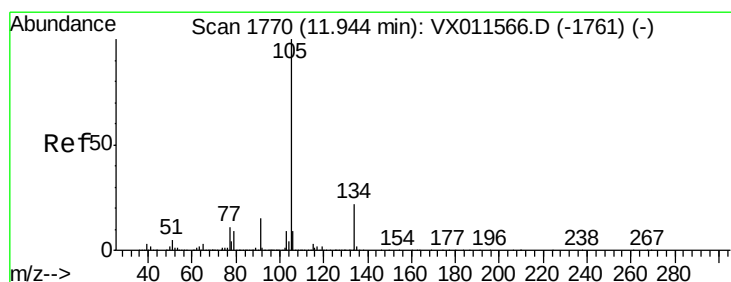
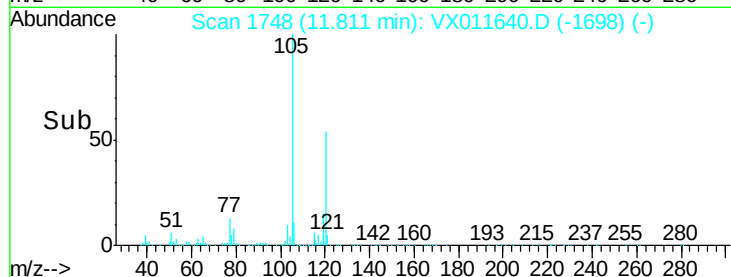
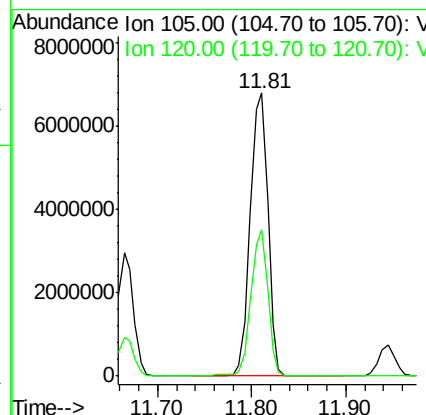
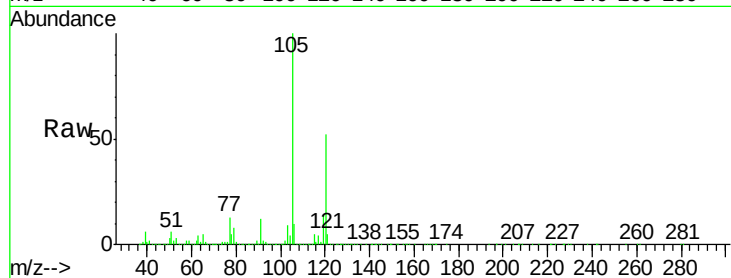
#84  
 1,2,4-Trimethylbenzene  
 Concen: 774.322 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.01 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PH2-0142MSD

Tot Ion:105 Resp: 8889291  
 Ion Ratio Lower Upper  
 105 100  
 120 49.7 23.3 69.9

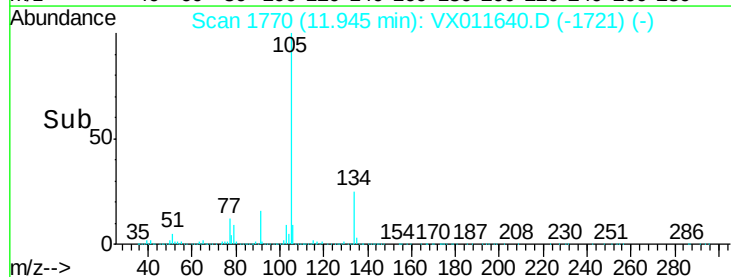
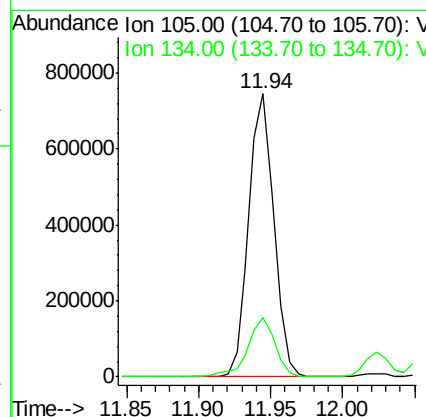
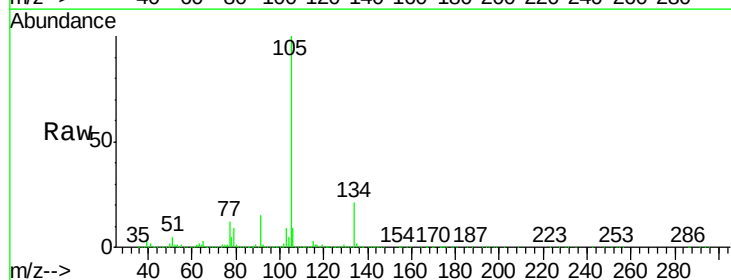
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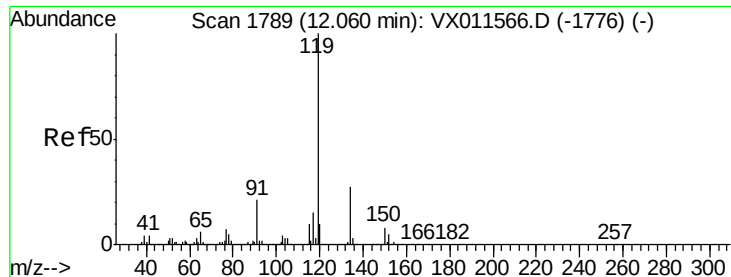
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#85  
 sec-Butylbenzene  
 Concen: 68.264 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

Tgt Ion:105 Resp: 896987  
 Ion Ratio Lower Upper  
 105 100  
 134 22.7 10.8 32.4





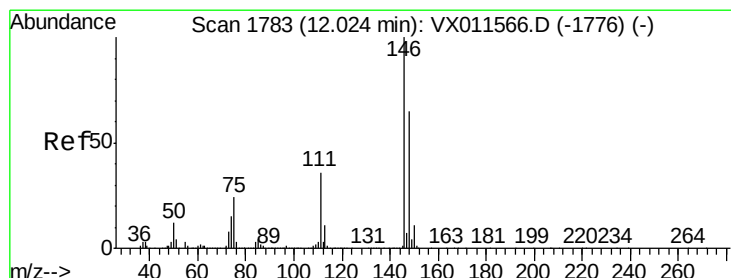
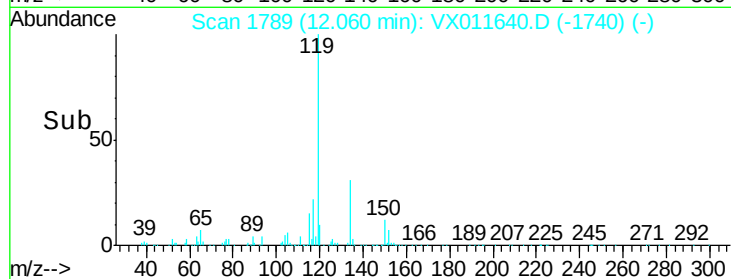
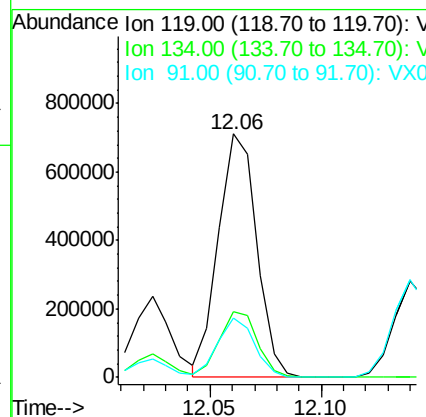
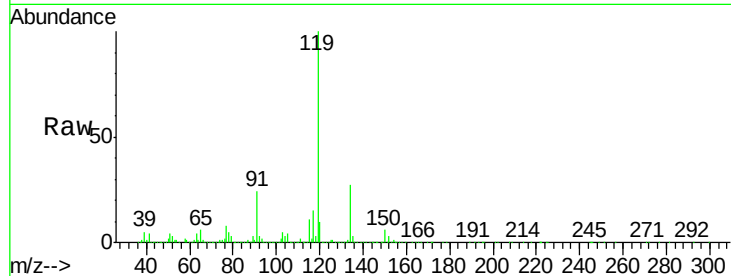
#86  
 p-Isopropyltoluene  
 Concen: 68.698 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PH2-0142MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 849233 |       |       |
| 134     | 27.0  |        | 13.6  | 40.8  |
| 91      | 23.2  |        | 10.9  | 32.9  |

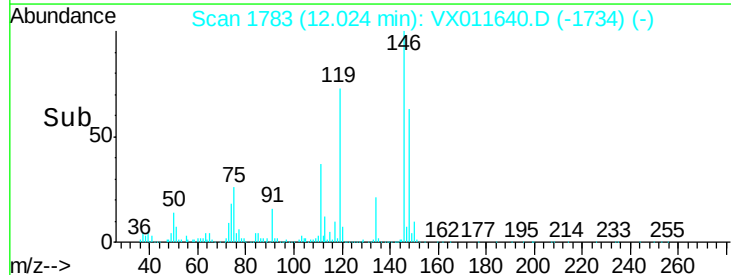
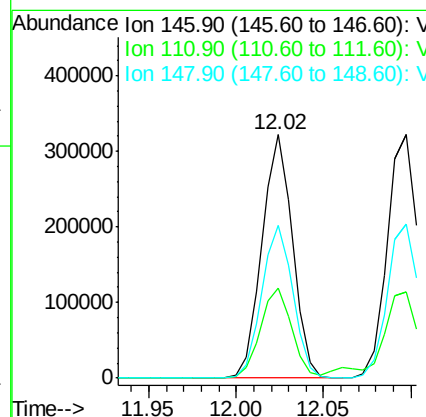
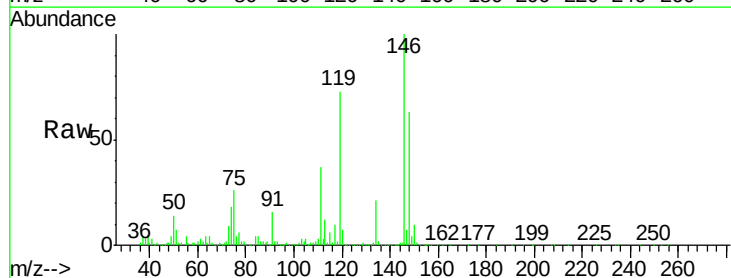
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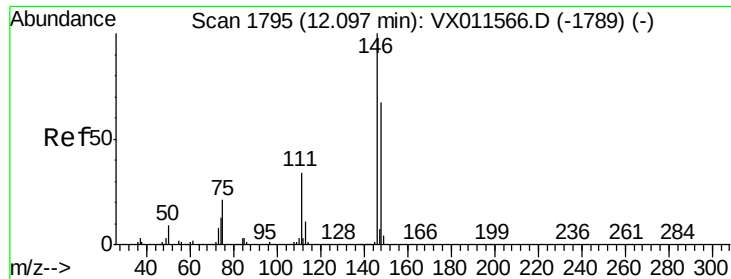


#87  
 1,3-Dichlorobenzene  
 Concen: 56.178 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 391081 |       |       |
| 111     | 37.9  |        | 18.1  | 54.4  |
| 148     | 63.8  |        | 32.0  | 96.0  |







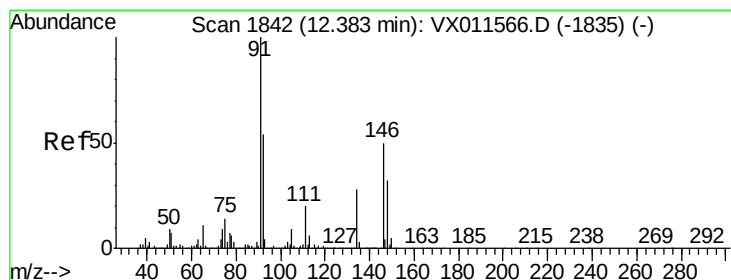
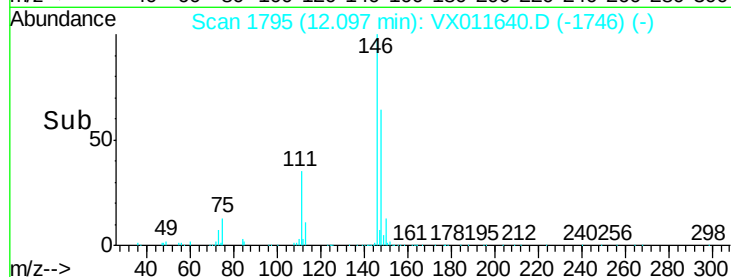
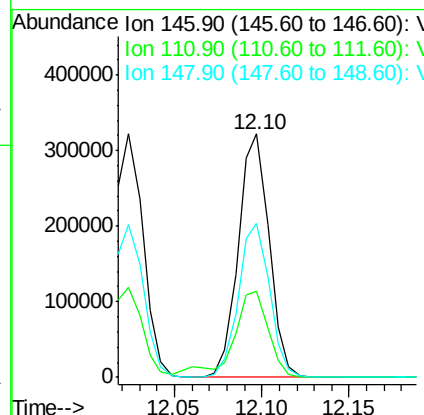
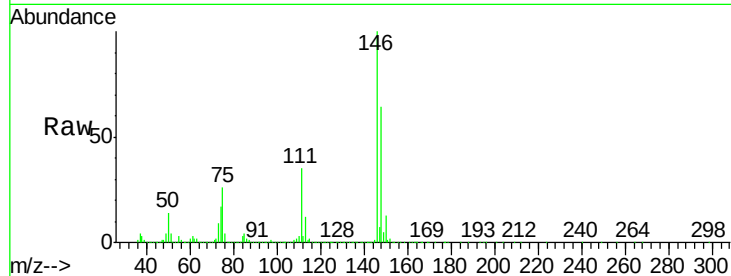
#88  
 1,4-Dichlorobenzene  
 Concen: 55.888 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PH2-0142MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 17.9  | 53.7  |
| 148     | 64.0  | 32.5  | 97.5  |

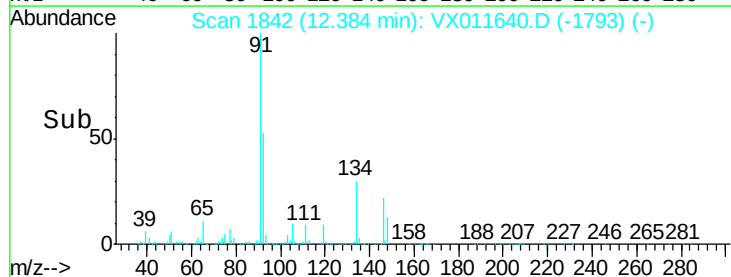
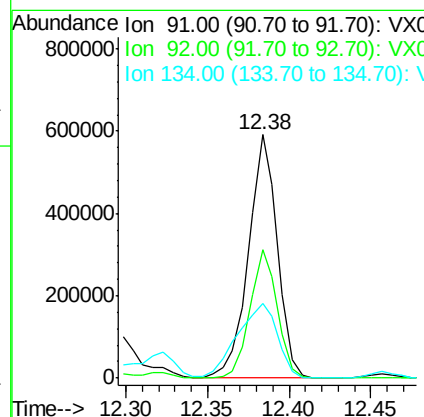
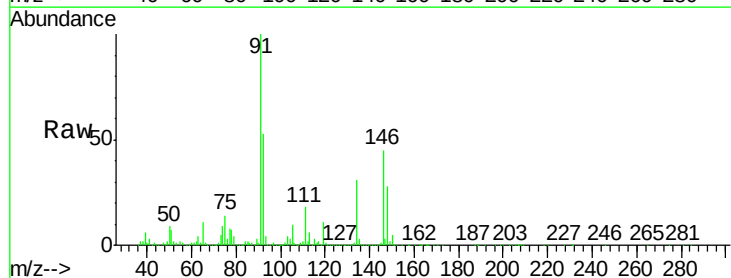
Manual Integrations  
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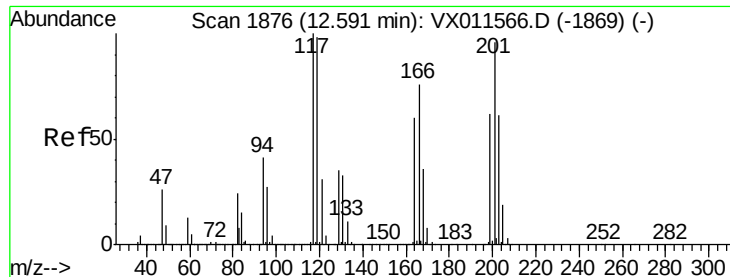
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#89  
 n-Butylbenzene  
 Concen: 71.824 ug/l  
 RT: 12.38 min Scan# 1842  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 49.7  | 26.8  | 80.3  |
| 134     | 42.7  | 14.6  | 44.0  |





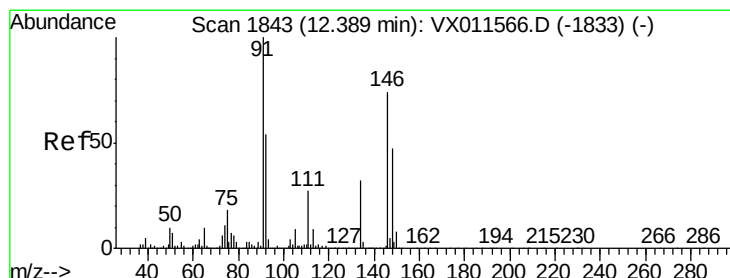
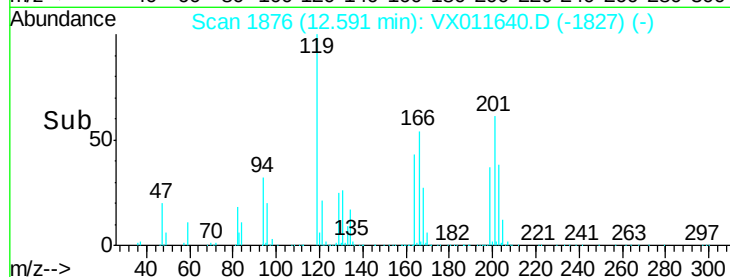
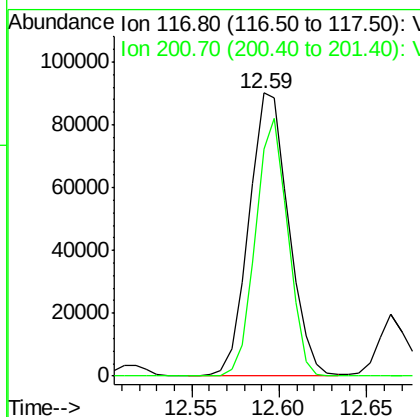
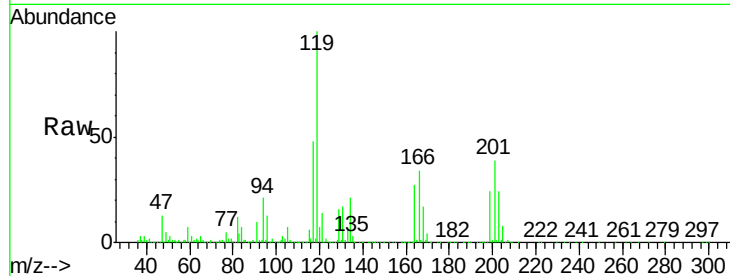
#90  
Hexachloroethane  
Concen: 72.301 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PH2-0142MSD

Tot Ion:117 Resp: 141140  
Ion Ratio Lower Upper  
117 100  
201 74.6 51.9 155.7

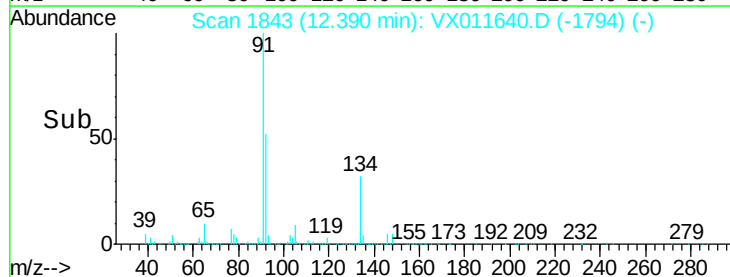
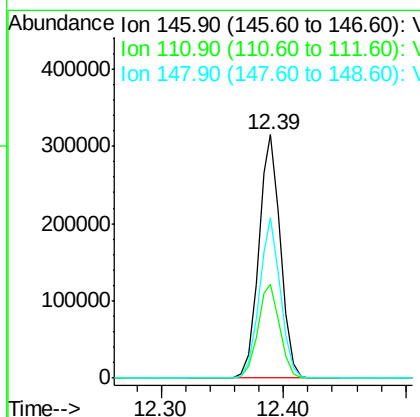
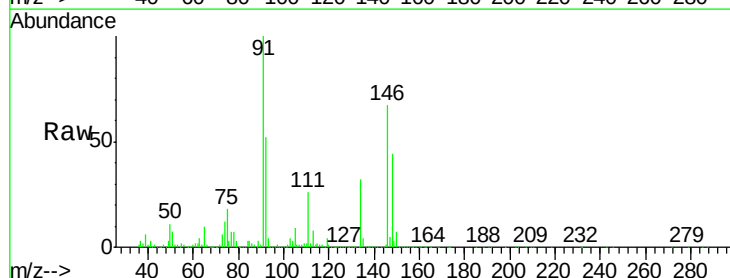
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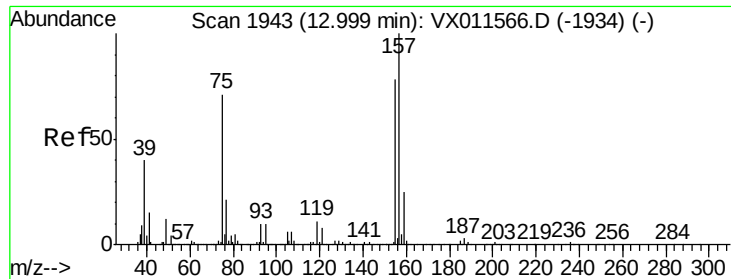
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8/20/2019 3:41:52 PM



#91  
1,2-Dichlorobenzene  
Concen: 55.643 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: VX011640.D  
Acq: 19 Aug 2019 18:27

Tgt Ion:146 Resp: 388837  
Ion Ratio Lower Upper  
146 100  
111 38.7 18.9 56.7  
148 63.8 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 61.058 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

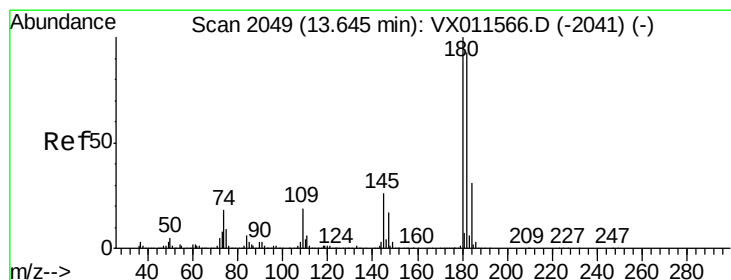
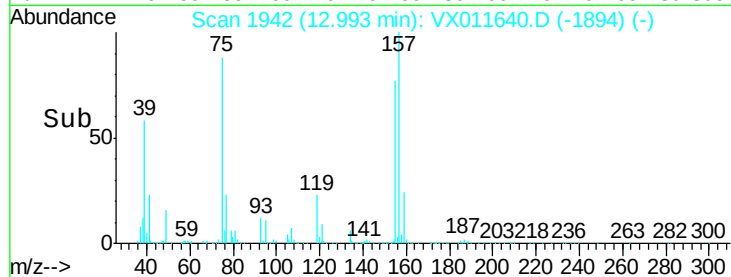
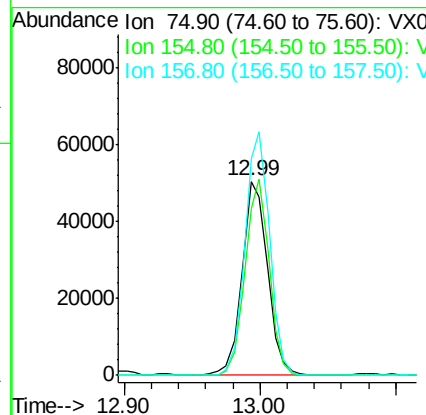
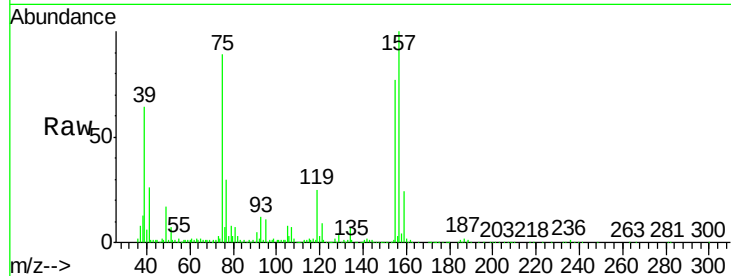
ClientSampleId :

PH2-0142MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 65414 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 95.8  | 53.0  | 159.0 |
| 157       | 122.5 | 68.3  | 205.1 |

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8/20/2019 3:41:52 PM



#93

1,2,4-Trichlorobenzene

Concen: 59.799 ug/l

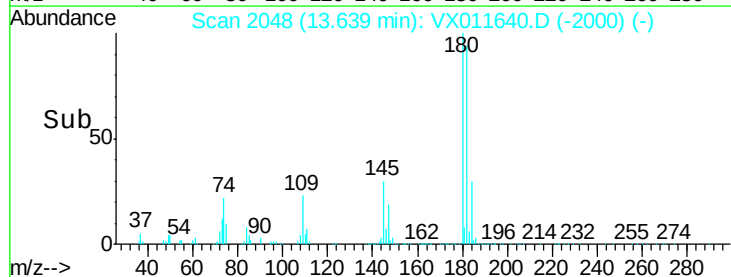
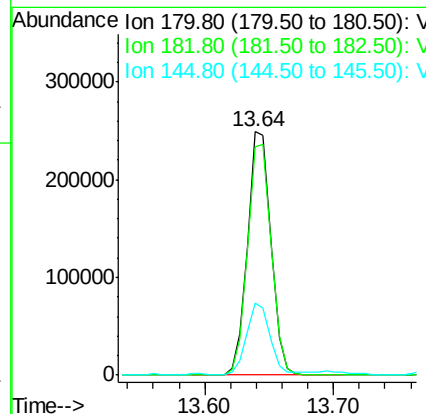
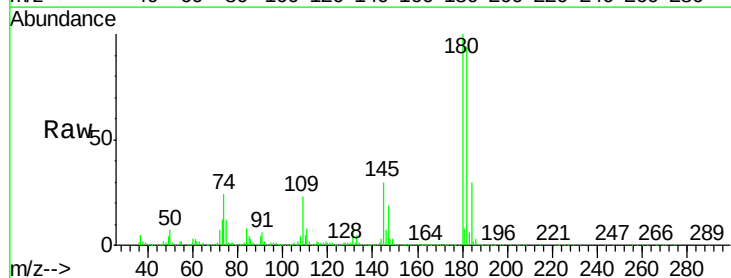
RT: 13.64 min Scan# 2048

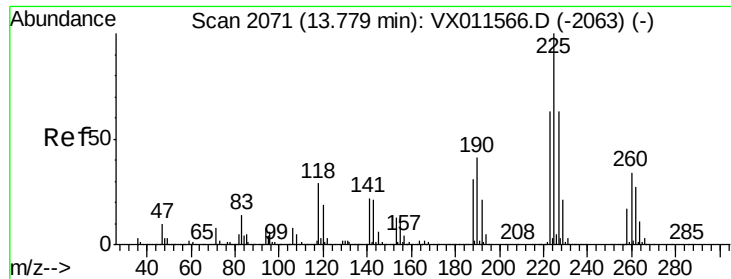
Delta R.T. -0.01 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 311361 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.7  | 47.3  | 142.0  |
| 145       | 29.5  | 13.6  | 40.8   |





#94

Hexachlorobutadiene

Concen: 49.868 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

Instrument :

MSVOA\_X

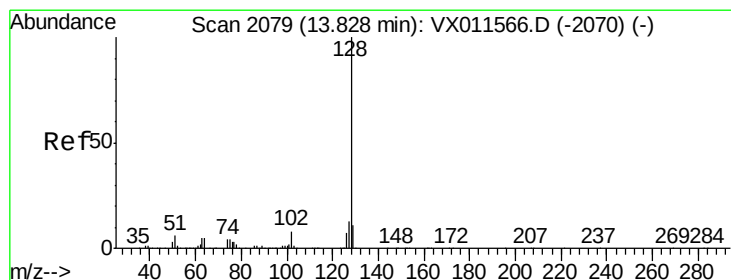
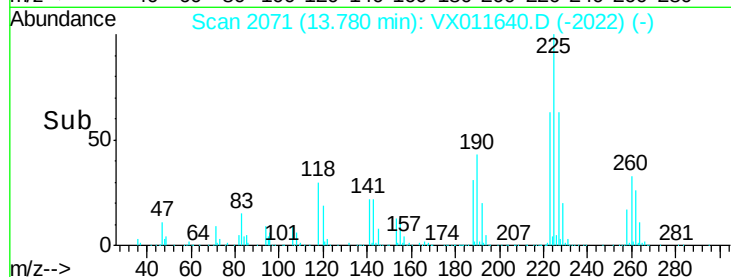
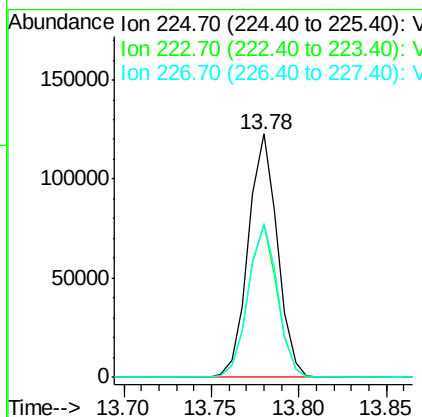
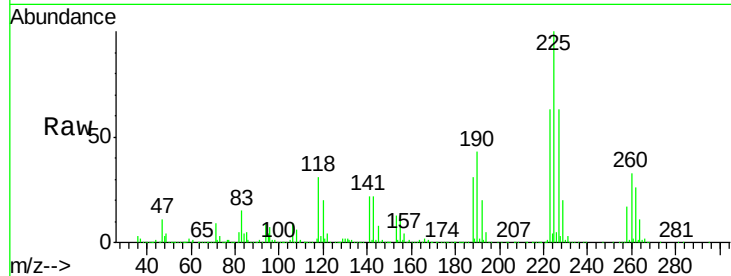
ClientSampleId :

PH2-0142MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 225   | Resp: | 141388 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.7  | 31.4  | 94.0   |
| 227       | 64.2  | 31.2  | 93.6   |

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8/20/2019 3:41:52 PM



#95

Naphthalene

Concen: 211.940 ug/l

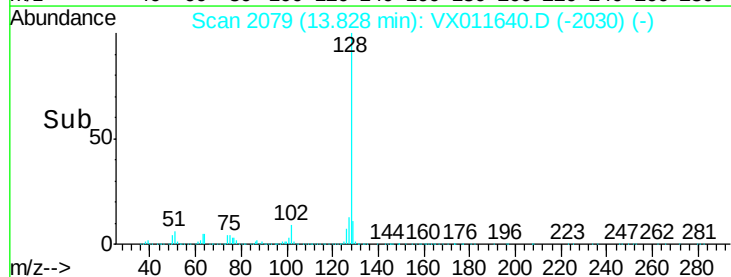
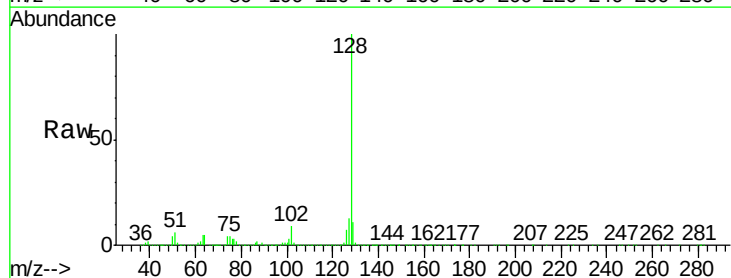
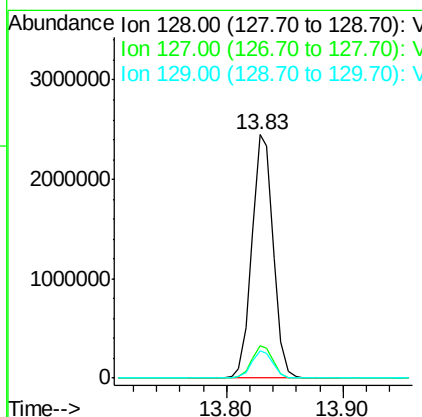
RT: 13.83 min Scan# 2079

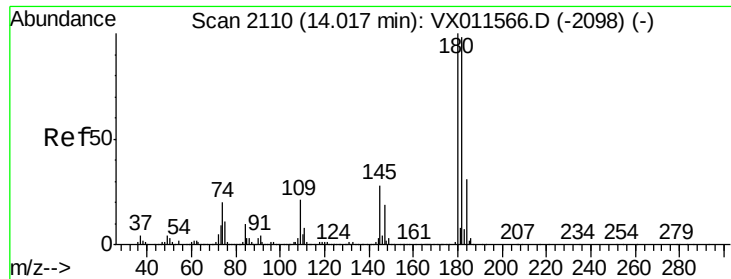
Delta R.T. 0.00 min

Lab File: VX011640.D

Acq: 19 Aug 2019 18:27

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 128   | Resp: | 3119734 |
| Ion Ratio | Lower | Upper |         |
| 128       | 100   |       |         |
| 127       | 13.1  | 10.3  | 15.5    |
| 129       | 11.1  | 8.7   | 13.1    |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 59.765 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. 0.00 min  
 Lab File: VX011640.D  
 Acq: 19 Aug 2019 18:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PH2-0142MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 313867 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.3  | 48.0  | 144.0  |
| 145       | 32.2  | 14.6  | 43.8   |

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