

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060621\  
 Data File : VX022513.D  
 Acq On : 07 Jun 2021 05:53  
 Operator : JC/MD  
 Sample : PB136857ZHE#07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB136857ZHE#07

Quant Time: Jun 07 06:19:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 14:23:10 2021  
 Response via : Initial Calibration

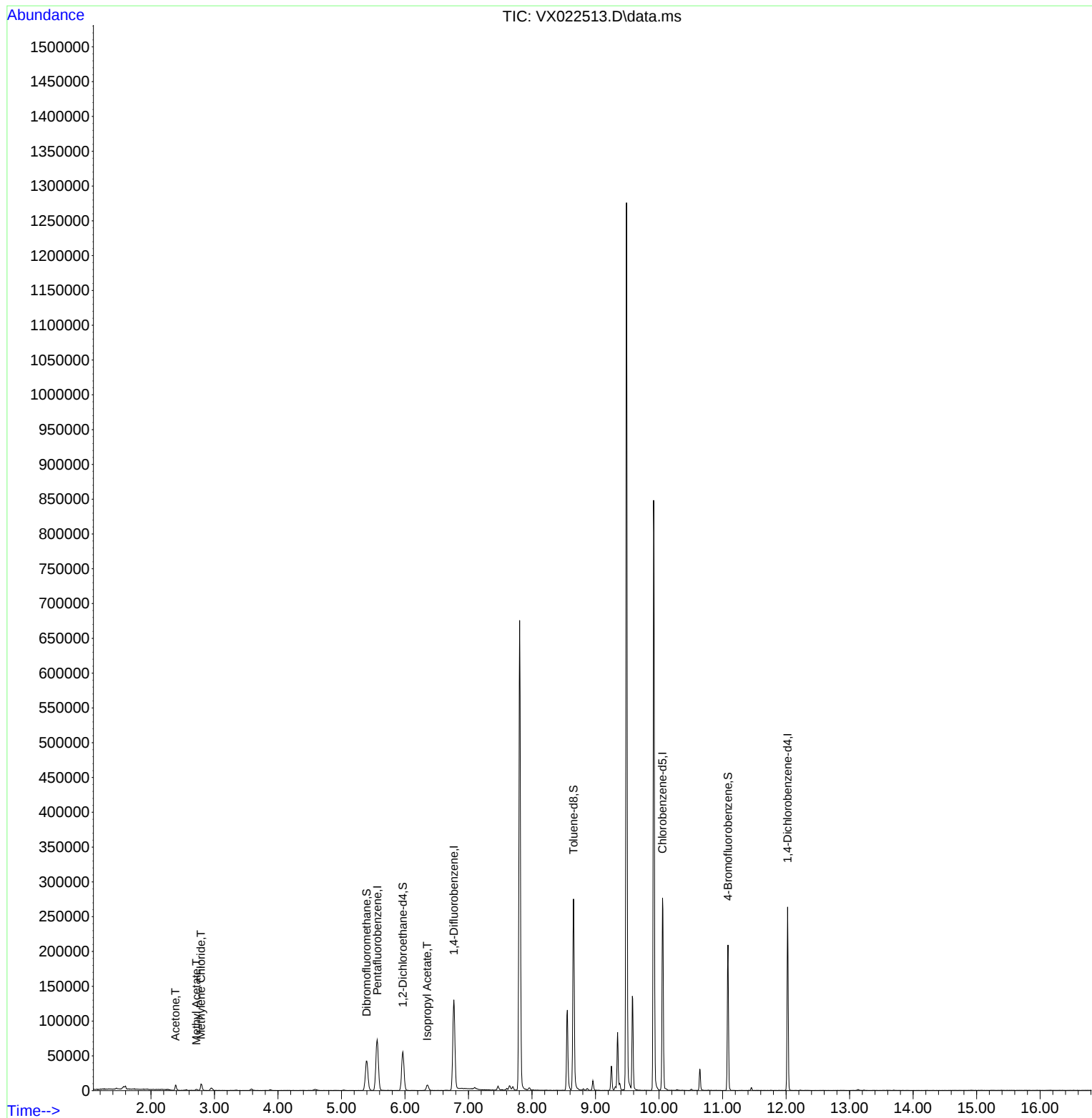
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 61666    | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 127129   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 117895   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 46673    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 51452    | 54.089   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =      | 108.180% |
| 35) Dibromofluoromethane    | 5.397     | 113   | 36855    | 45.715   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 91.420%  |
| 50) Toluene-d8              | 8.653     | 98    | 158635   | 51.081   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =      | 102.160% |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 57230    | 49.858   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 99.720%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.385     | 43    | 7794     | 18.817   | ug/l   | 95       |
| 18) Methyl Acetate          | 2.715     | 43    | 2082     | 1.890    | ug/l # | 87       |
| 20) Methylene Chloride      | 2.788     | 84    | 4269     | 4.642    | ug/l   | 91       |
| 43) Isopropyl Acetate       | 6.348     | 43    | 11359    | 4.819    | ug/l # | 92       |
| -----                       |           |       |          |          |        |          |

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

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Sample : PB136857ZHE#07  
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ALS Vial : 41 Sample Multiplier: 1

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ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 14:23:10 2021  
Response via : Initial Calibration

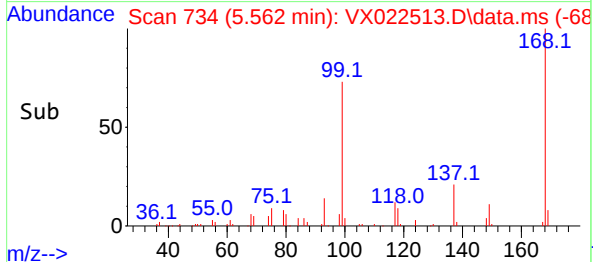
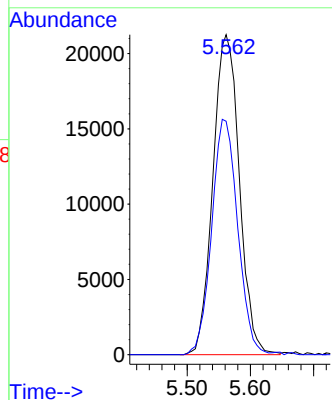
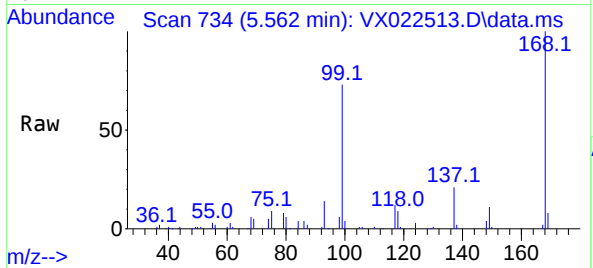




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022513.D  
Acq: 07 Jun 2021 05:53

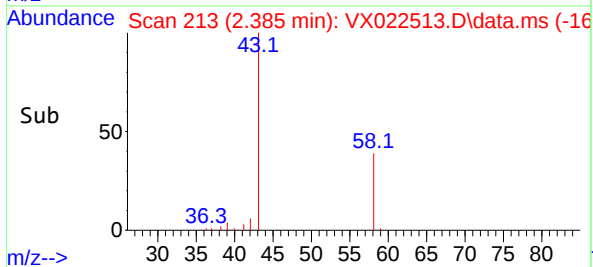
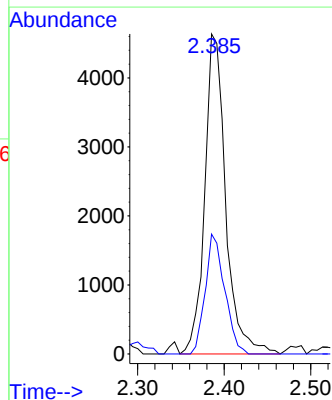
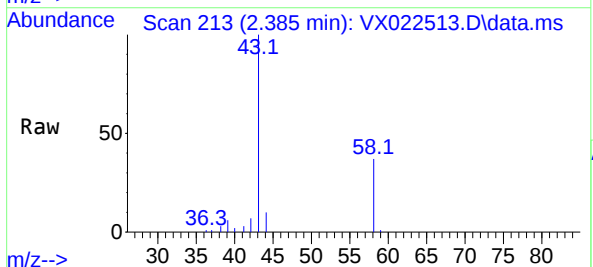
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB136857ZHE#07

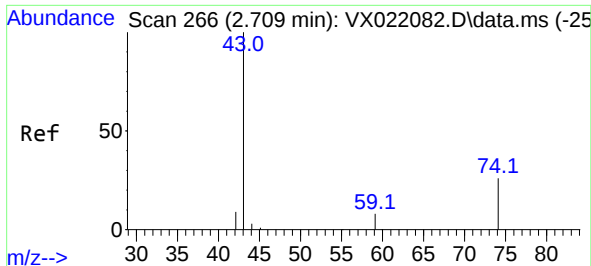
Tgt Ion:168 Resp: 61666  
Ion Ratio Lower Upper  
168 100  
99 73.0 45.8 68.6#



#16  
Acetone  
Concen: 18.817 ug/l  
RT: 2.385 min Scan# 213  
Delta R.T. -0.007 min  
Lab File: VX022513.D  
Acq: 07 Jun 2021 05:53

Tgt Ion: 43 Resp: 7794  
Ion Ratio Lower Upper  
43 100  
58 37.5 27.8 41.8

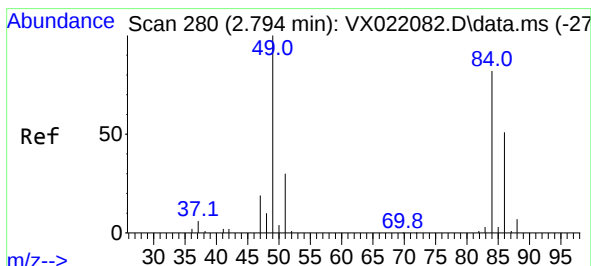
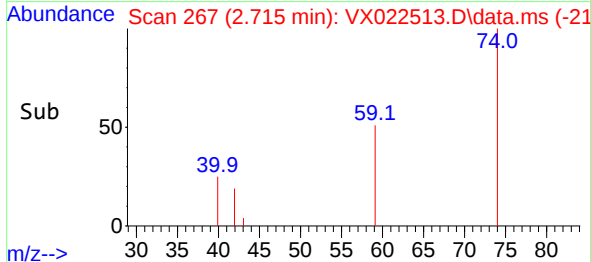
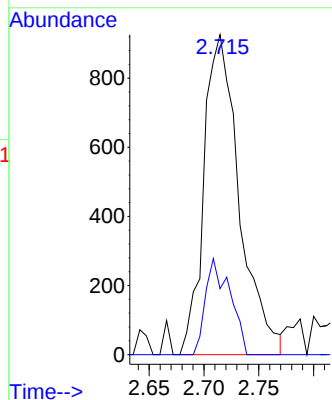
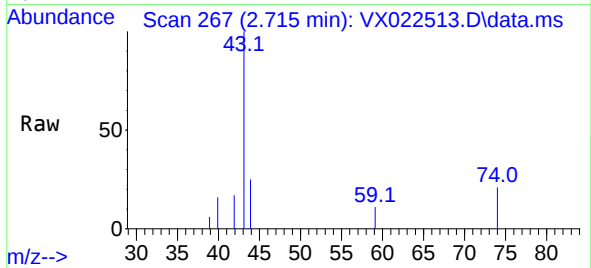




#18  
Methyl Acetate  
Concen: 1.890 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. 0.006 min  
Lab File: VX022513.D  
Acq: 07 Jun 2021 05:53

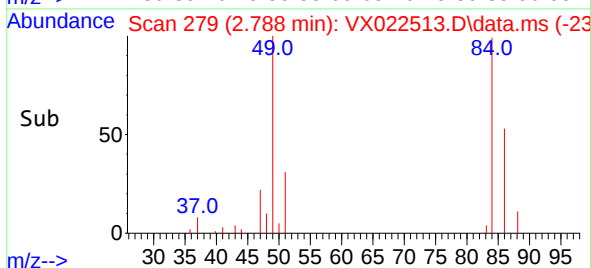
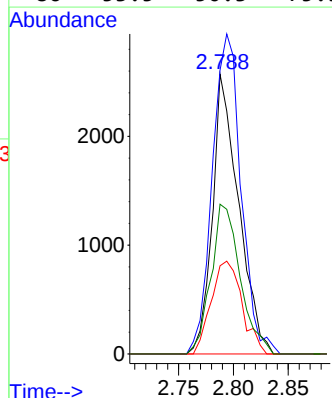
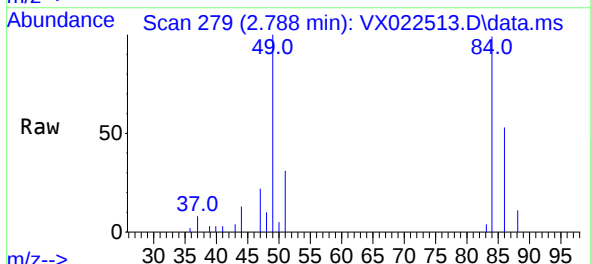
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB136857ZHE#07

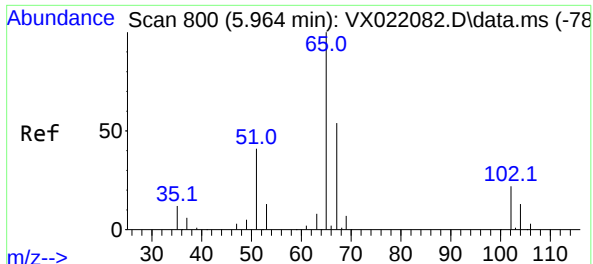
Tgt Ion: 43 Resp: 2082  
Ion Ratio Lower Upper  
43 100  
74 20.7 21.9 32.9#



#20  
Methylene Chloride  
Concen: 4.642 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX022513.D  
Acq: 07 Jun 2021 05:53

Tgt Ion: 84 Resp: 4269  
Ion Ratio Lower Upper  
84 100  
49 101.5 88.6 132.8  
51 31.5 27.0 40.6  
86 53.5 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 54.089 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022513.D

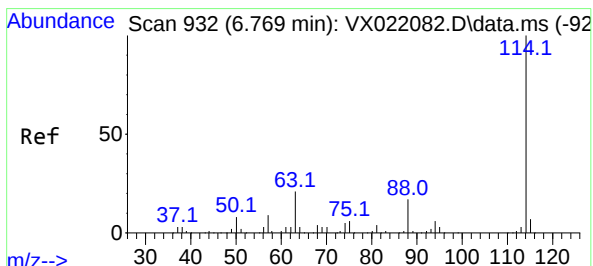
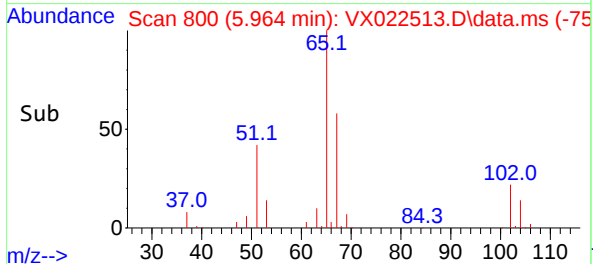
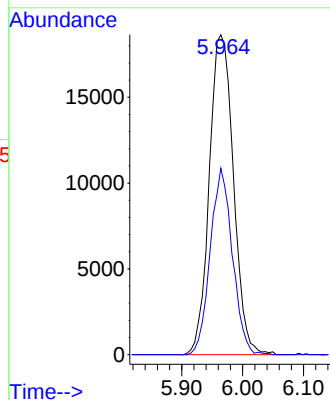
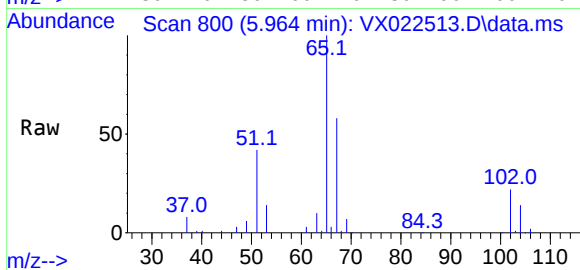
Acq: 07 Jun 2021 05:53

Tgt Ion: 65 Resp: 51452

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022513.D

Acq: 07 Jun 2021 05:53

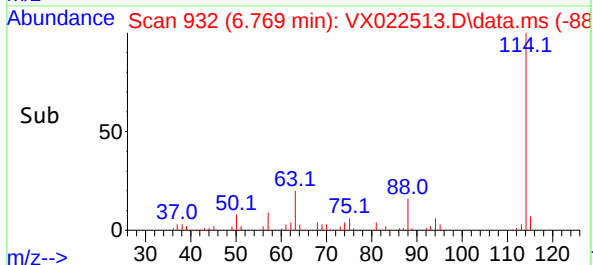
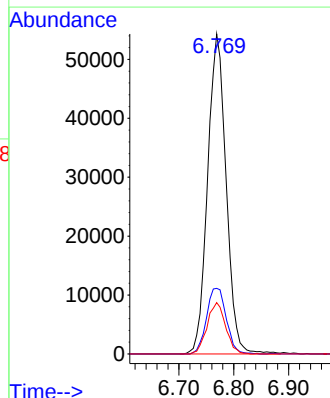
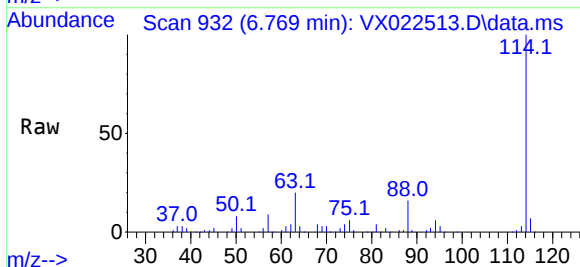
Tgt Ion: 114 Resp: 127129

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 16.0 0.0 32.8

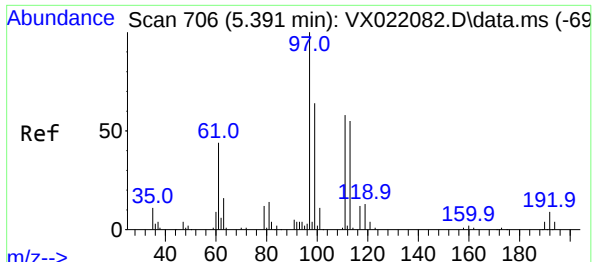


Instrument :

MSVOA\_X

ClientSampleId :

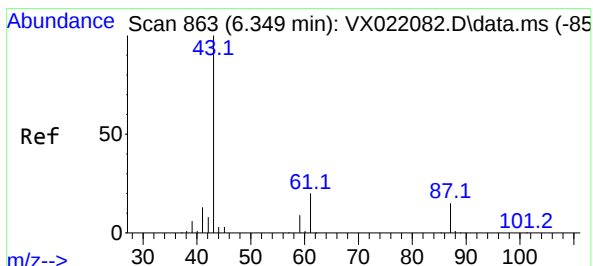
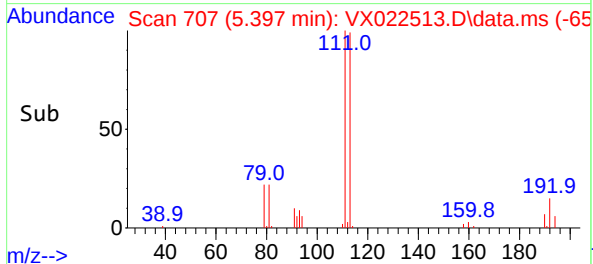
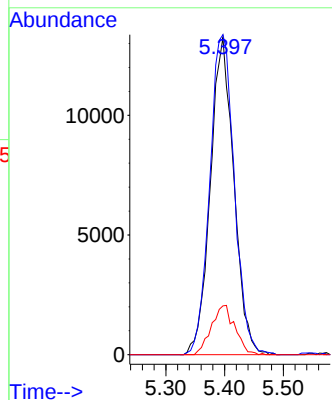
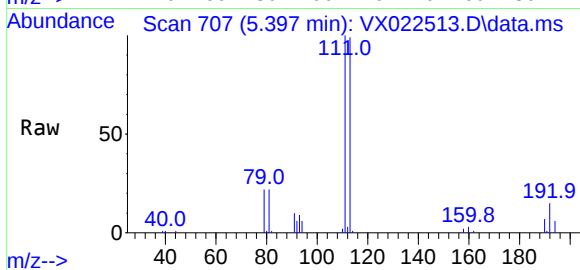
PB136857ZHE#07



#35  
Dibromofluoromethane  
Concen: 45.715 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022513.D  
Acq: 07 Jun 2021 05:53

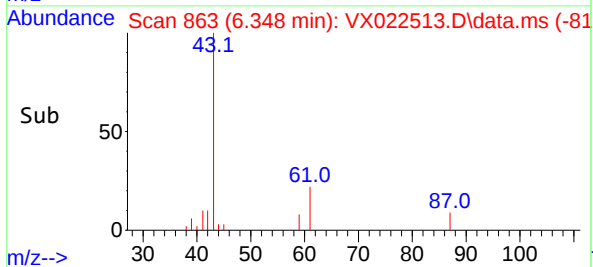
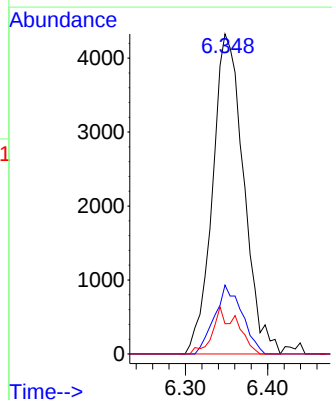
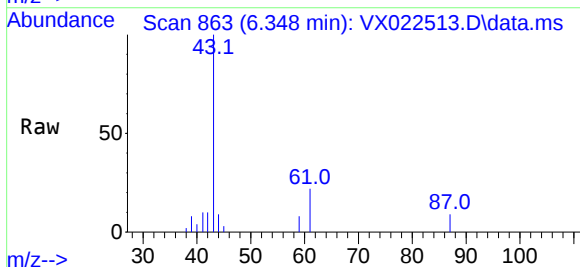
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB136857ZHE#07

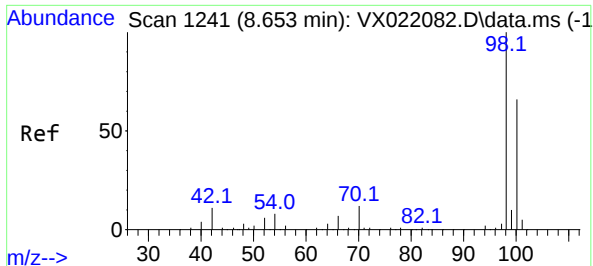
Tgt Ion:113 Resp: 36855  
Ion Ratio Lower Upper  
113 100  
111 105.5 81.9 122.9  
192 15.6 16.7 25.1#



#43  
Isopropyl Acetate  
Concen: 4.819 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.001 min  
Lab File: VX022513.D  
Acq: 07 Jun 2021 05:53

Tgt Ion: 43 Resp: 11359  
Ion Ratio Lower Upper  
43 100  
61 19.1 18.2 27.4  
87 11.5 12.5 18.7#

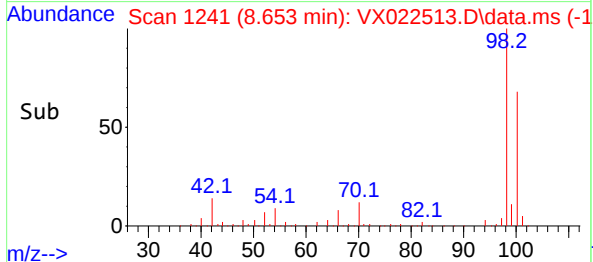
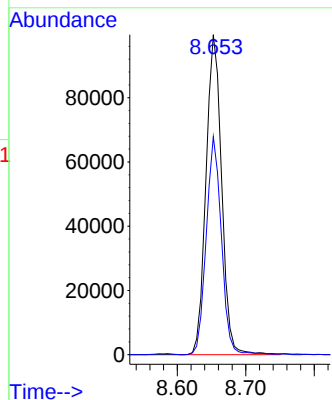
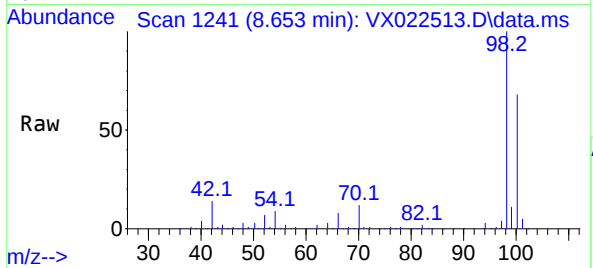




#50  
Toluene-d8  
Concen: 51.081 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022513.D  
Acq: 07 Jun 2021 05:53

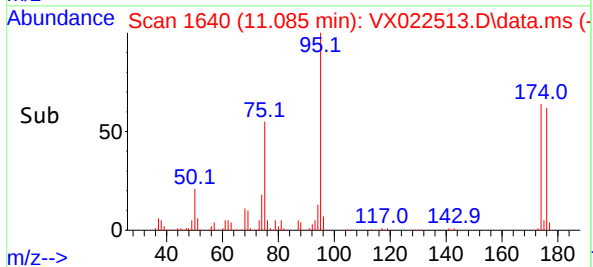
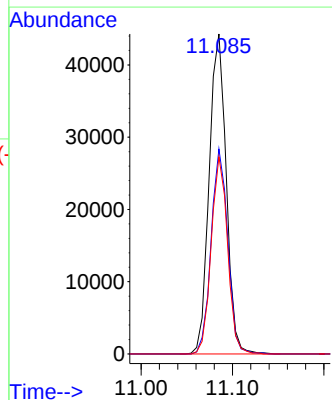
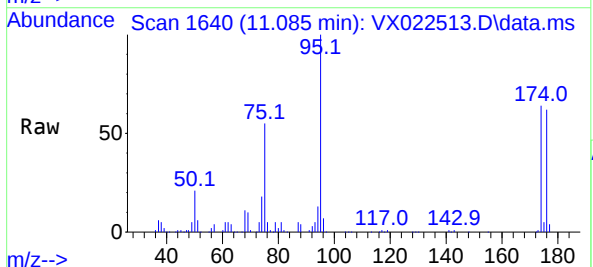
Instrument :  
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ClientSampleId :  
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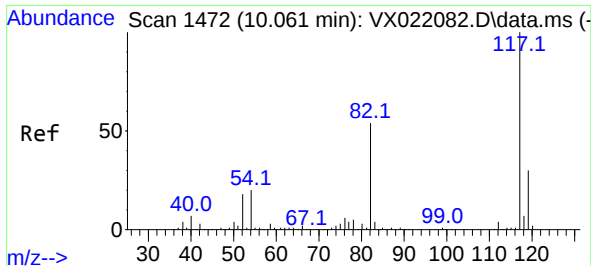
Tgt Ion: 98 Resp: 158635  
Ion Ratio Lower Upper  
98 100  
100 66.0 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 49.858 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022513.D  
Acq: 07 Jun 2021 05:53

Tgt Ion: 95 Resp: 57230  
Ion Ratio Lower Upper  
95 100  
174 62.6 0.0 154.6  
176 59.1 0.0 155.8

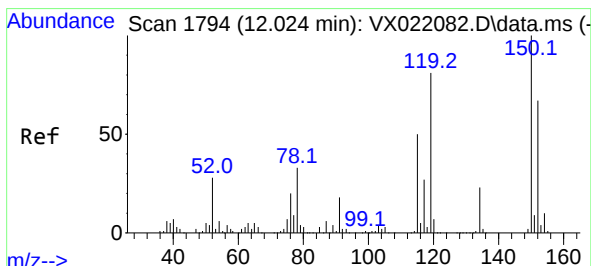
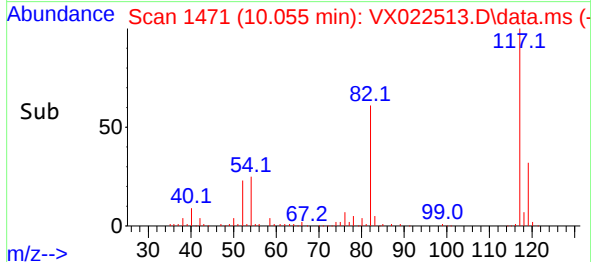
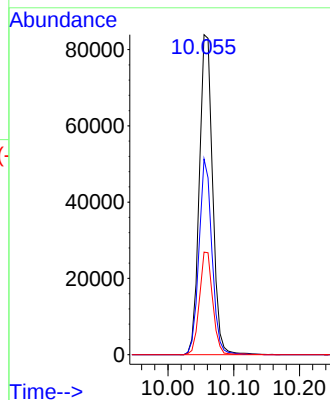
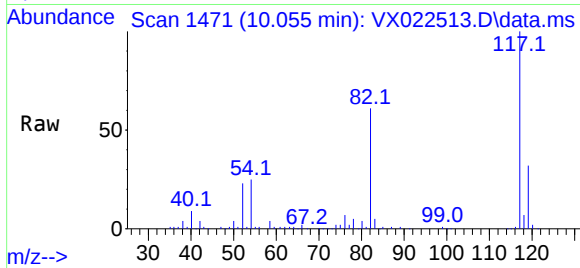




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX022513.D  
Acq: 07 Jun 2021 05:53

Instrument :  
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ClientSampleId :  
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Tgt Ion:117 Resp: 117895  
Ion Ratio Lower Upper  
117 100  
82 61.2 47.4 71.2  
119 32.1 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX022513.D  
Acq: 07 Jun 2021 05:53

Tgt Ion:152 Resp: 46673  
Ion Ratio Lower Upper  
152 100  
115 64.1 41.1 123.3  
150 156.9 0.0 349.0

