

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060421\  
 Data File : VX022437.D  
 Acq On : 05 Jun 2021 01:15  
 Operator : JC/MD  
 Sample : PB136806ZHE#04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB136806ZHE#04

Quant Time: Jun 05 06:20:58 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

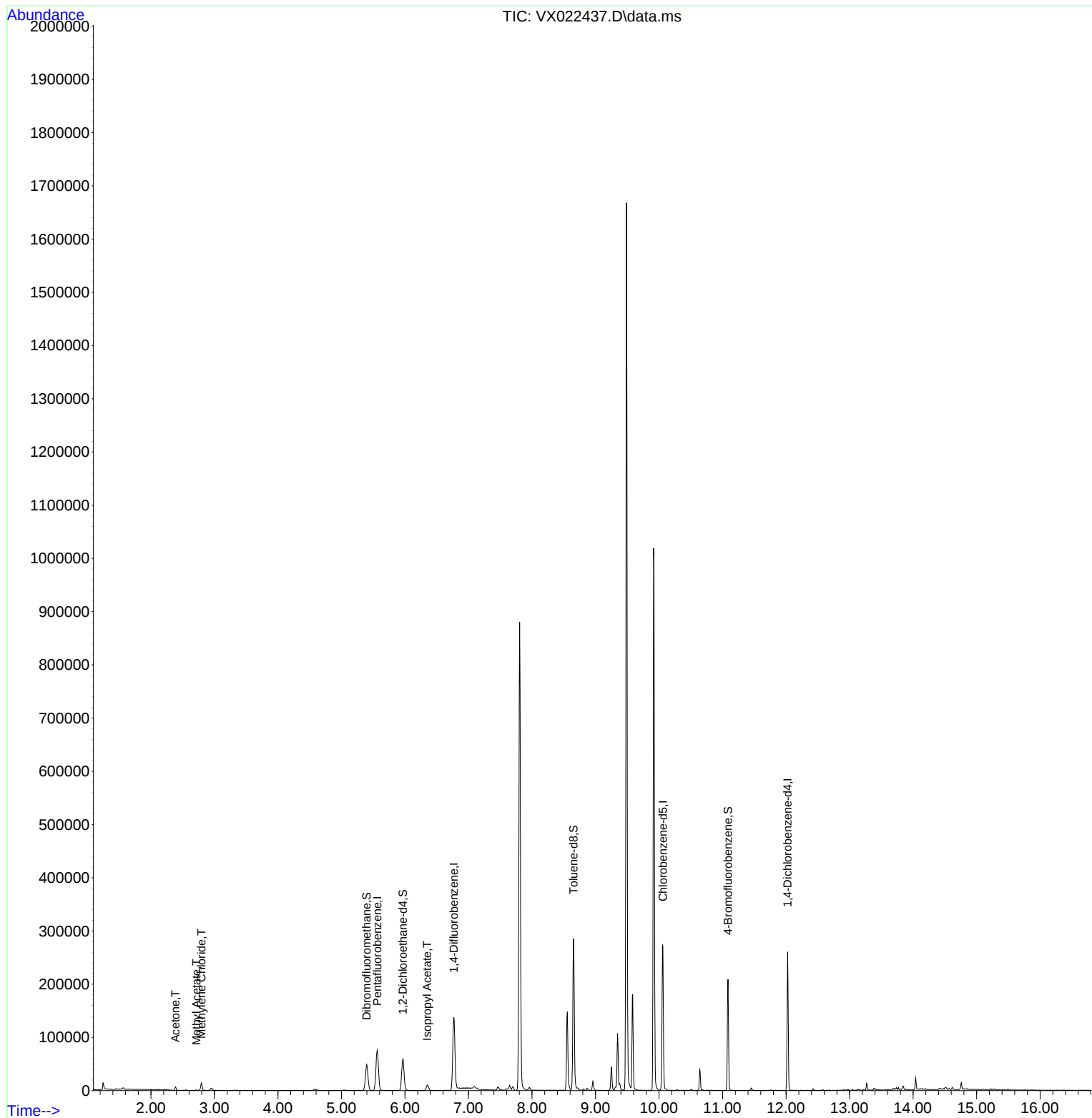
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 65483    | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 133859   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.061    | 117   | 120316   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 45352    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 55841    | 55.282   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =     | 110.560% |
| 35) Dibromofluoromethane    | 5.397     | 113   | 40505    | 47.716   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 95.440%  |
| 50) Toluene-d8              | 8.653     | 98    | 167833   | 51.326   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =     | 102.660% |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 57852    | 47.866   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =     | 95.740%  |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.385     | 43    | 6688     | 15.206   | ug/l  | 90       |
| 18) Methyl Acetate          | 2.715     | 43    | 1273     | 1.088    | ug/l  | 92       |
| 20) Methylene Chloride      | 2.794     | 84    | 5611     | 5.746    | ug/l  | 89       |
| 43) Isopropyl Acetate       | 6.348     | 43    | 14676    | 5.913    | ug/l  | 93       |
| -----                       |           |       |          |          |       |          |

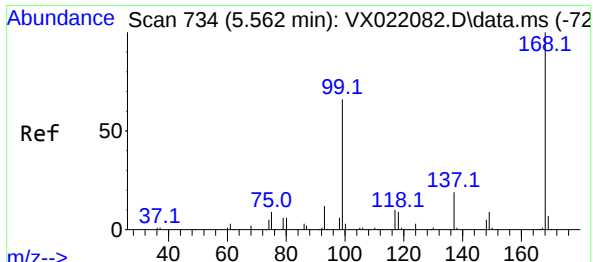
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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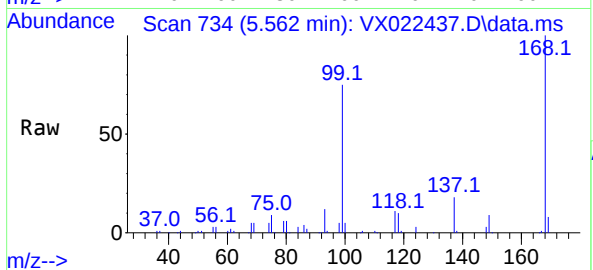
Quant Time: Jun 05 06:20:58 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
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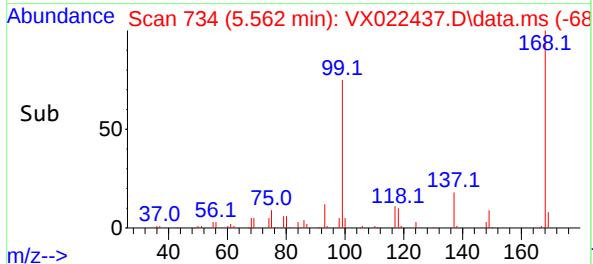
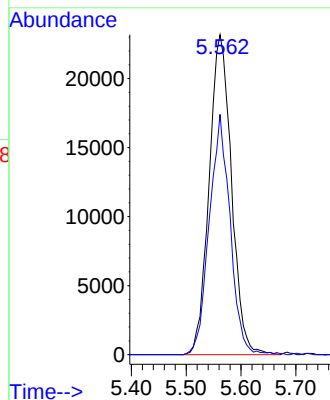


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022437.D  
Acq: 05 Jun 2021 01:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB136806ZHE#04

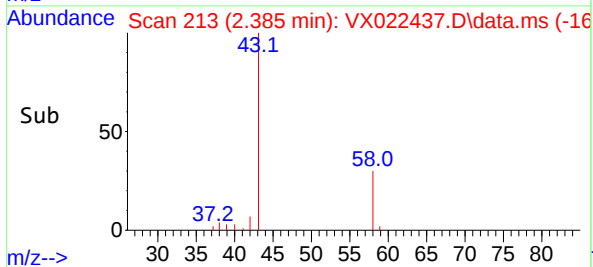
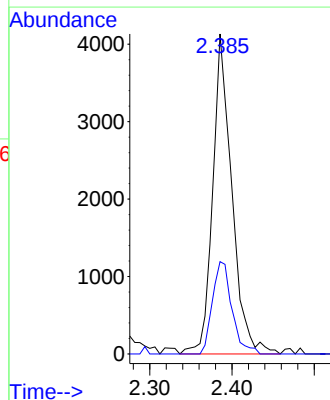
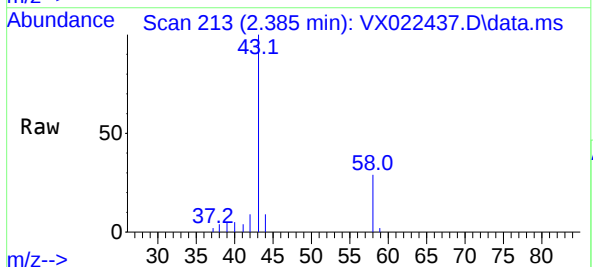


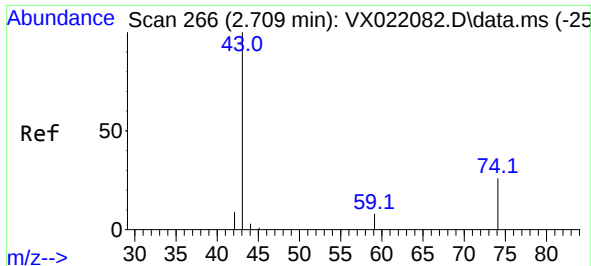
Tgt Ion:168 Resp: 65483  
Ion Ratio Lower Upper  
168 100  
99 75.1 45.8 68.6#



#16  
Acetone  
Concen: 15.206 ug/l  
RT: 2.385 min Scan# 213  
Delta R.T. -0.007 min  
Lab File: VX022437.D  
Acq: 05 Jun 2021 01:15

Tgt Ion: 43 Resp: 6688  
Ion Ratio Lower Upper  
43 100  
58 28.9 27.8 41.8





#18

Methyl Acetate

Concen: 1.088 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX022437.D

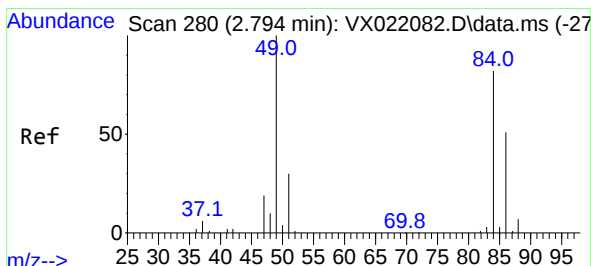
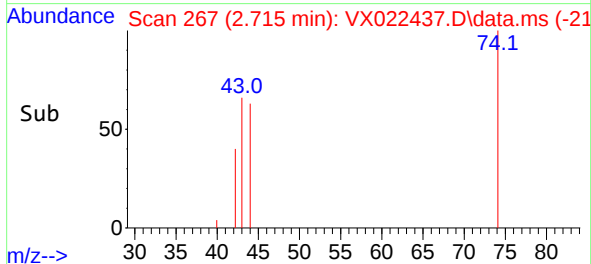
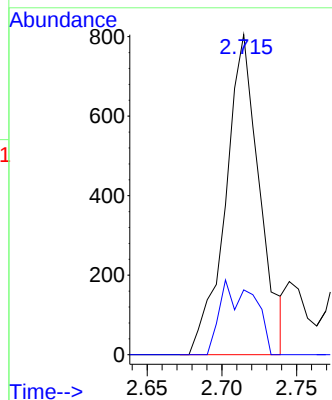
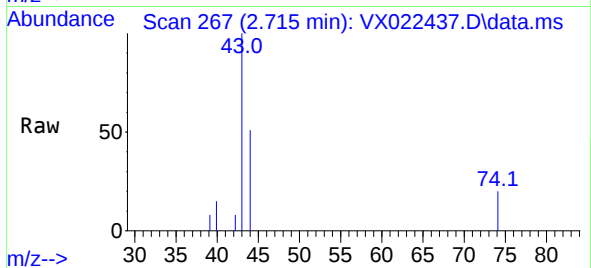
Acq: 05 Jun 2021 01:15

Tgt Ion: 43 Resp: 1273

Ion Ratio Lower Upper

43 100

74 23.2 21.9 32.9



#20

Methylene Chloride

Concen: 5.746 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX022437.D

Acq: 05 Jun 2021 01:15

Tgt Ion: 84 Resp: 5611

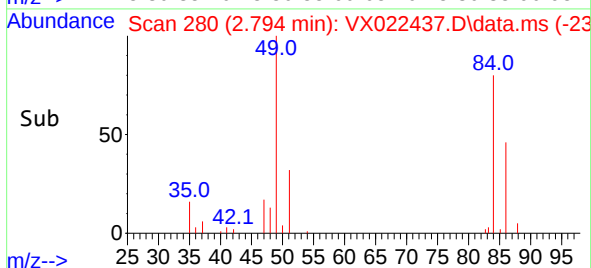
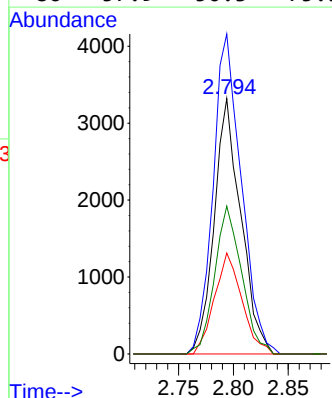
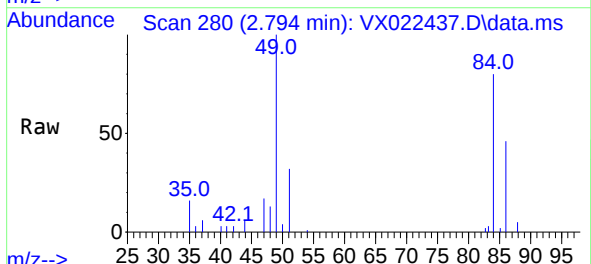
Ion Ratio Lower Upper

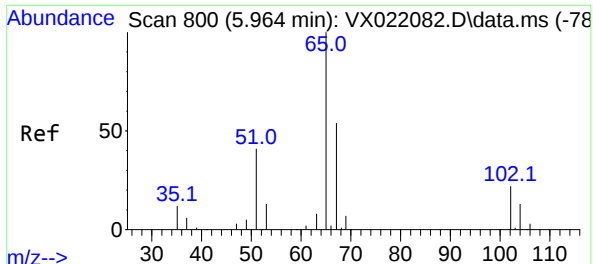
84 100

49 125.3 88.6 132.8

51 39.5 27.0 40.6

86 57.9 50.3 75.5



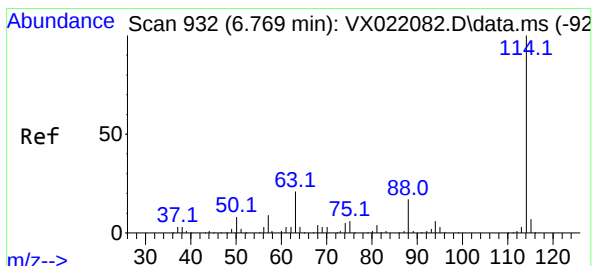
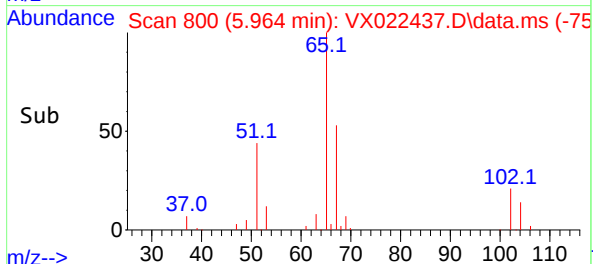
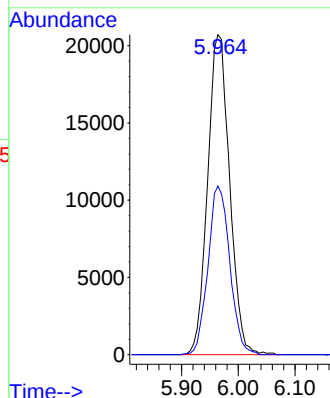
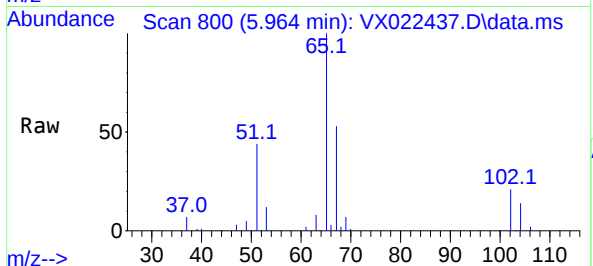


#33

1,2-Dichloroethane-d4  
Concen: 55.282 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022437.D  
Acq: 05 Jun 2021 01:15

Instrument :  
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PB136806ZHE#04

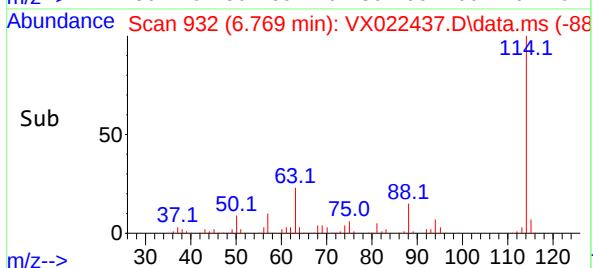
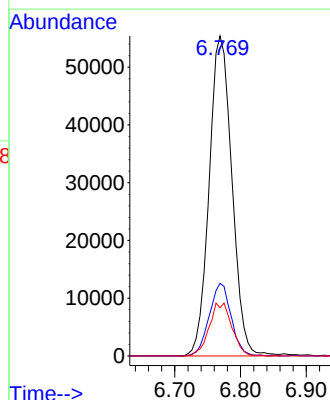
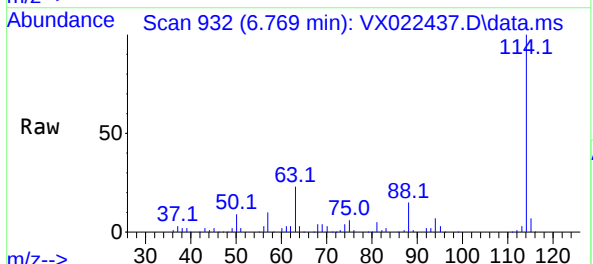
Tgt Ion: 65 Resp: 55841  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 105.4



#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX022437.D  
Acq: 05 Jun 2021 01:15

Tgt Ion: 114 Resp: 133859  
Ion Ratio Lower Upper  
114 100  
63 22.7 0.0 40.8  
88 15.0 0.0 32.8

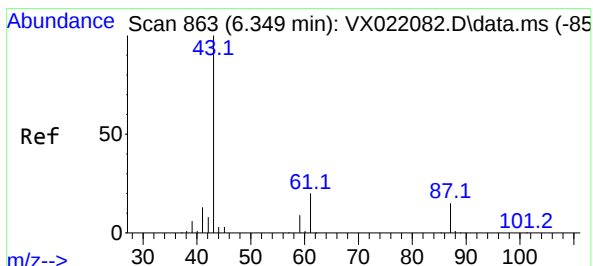
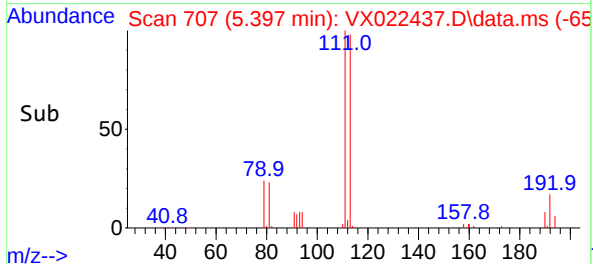
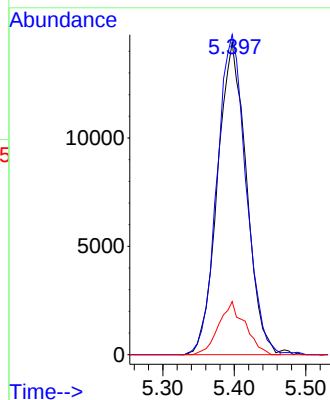
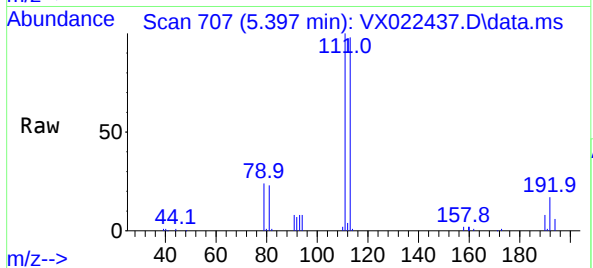




#35  
Dibromofluoromethane  
Concen: 47.716 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022437.D  
Acq: 05 Jun 2021 01:15

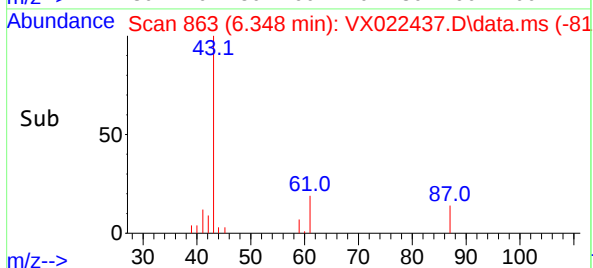
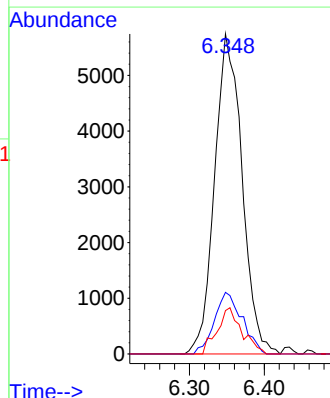
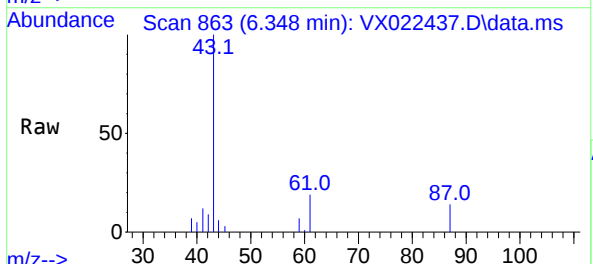
Instrument :  
MSVOA\_X  
ClientSampleId :  
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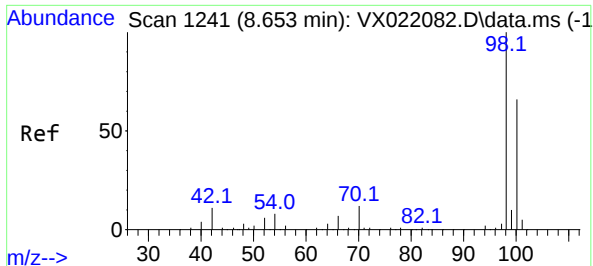
Tgt Ion:113 Resp: 40505  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.9 122.9  
192 15.5 16.7 25.1#



#43  
Isopropyl Acetate  
Concen: 5.913 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.001 min  
Lab File: VX022437.D  
Acq: 05 Jun 2021 01:15

Tgt Ion: 43 Resp: 14676  
Ion Ratio Lower Upper  
43 100  
61 19.5 18.2 27.4  
87 13.0 12.5 18.7

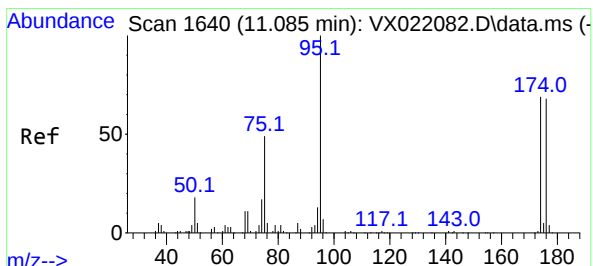
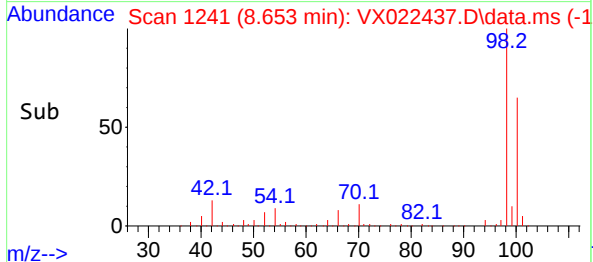
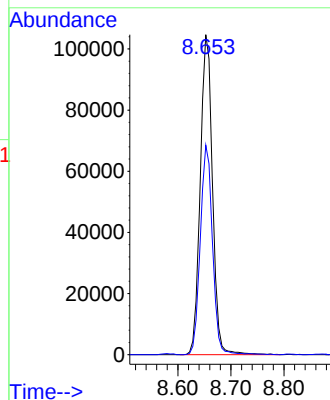
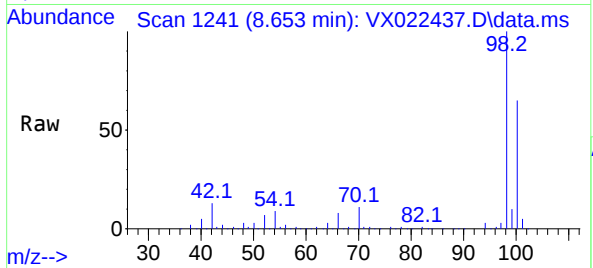




#50  
Toluene-d8  
Concen: 51.326 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022437.D  
Acq: 05 Jun 2021 01:15

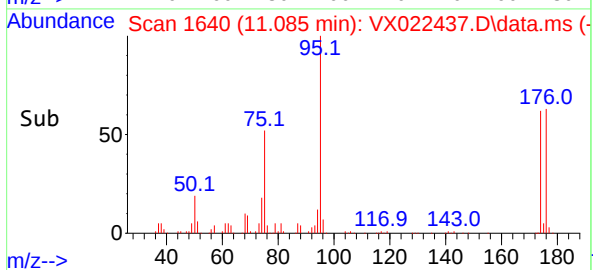
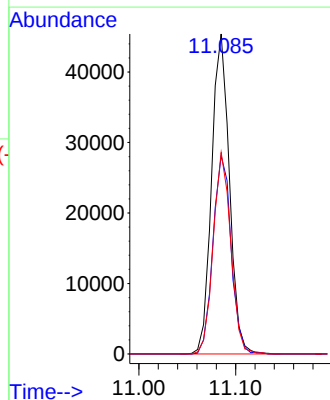
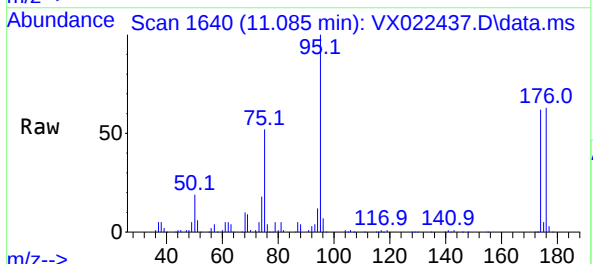
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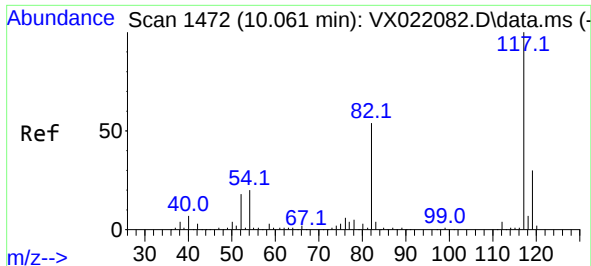
Tgt Ion: 98 Resp: 167833  
Ion Ratio Lower Upper  
98 100  
100 65.5 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 47.866 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022437.D  
Acq: 05 Jun 2021 01:15

Tgt Ion: 95 Resp: 57852  
Ion Ratio Lower Upper  
95 100  
174 63.3 0.0 154.6  
176 62.3 0.0 155.8

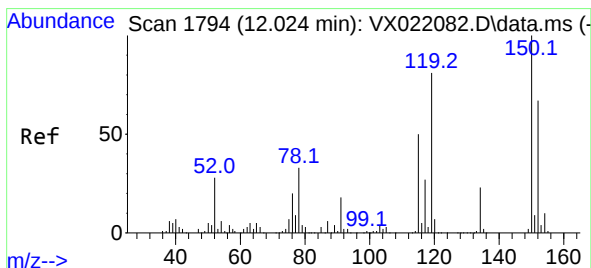
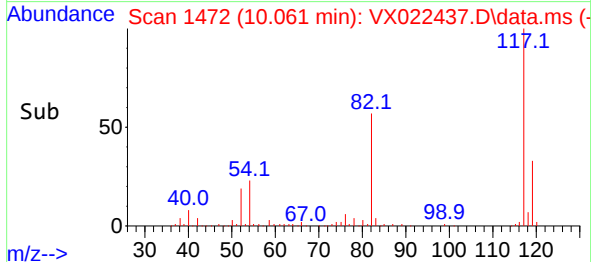
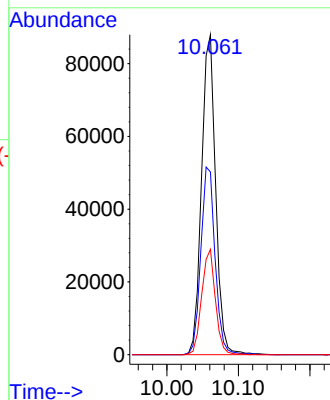
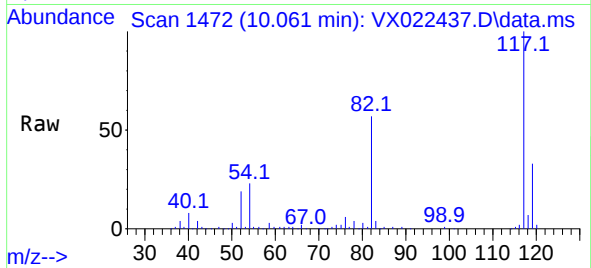




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VX022437.D  
Acq: 05 Jun 2021 01:15

Instrument :  
MSVOA\_X  
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Tgt Ion:117 Resp: 120316  
Ion Ratio Lower Upper  
117 100  
82 57.1 47.4 71.2  
119 33.0 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: VX022437.D  
Acq: 05 Jun 2021 01:15

Tgt Ion:152 Resp: 45352  
Ion Ratio Lower Upper  
152 100  
115 67.1 41.1 123.3  
150 160.8 0.0 349.0

