

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060321\  
 Data File : VX022394.D  
 Acq On : 04 Jun 2021 02:35  
 Operator : JC/MD  
 Sample : PB36780ZHE#09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB36780ZHE#09

Quant Time: Jun 04 05:40:41 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

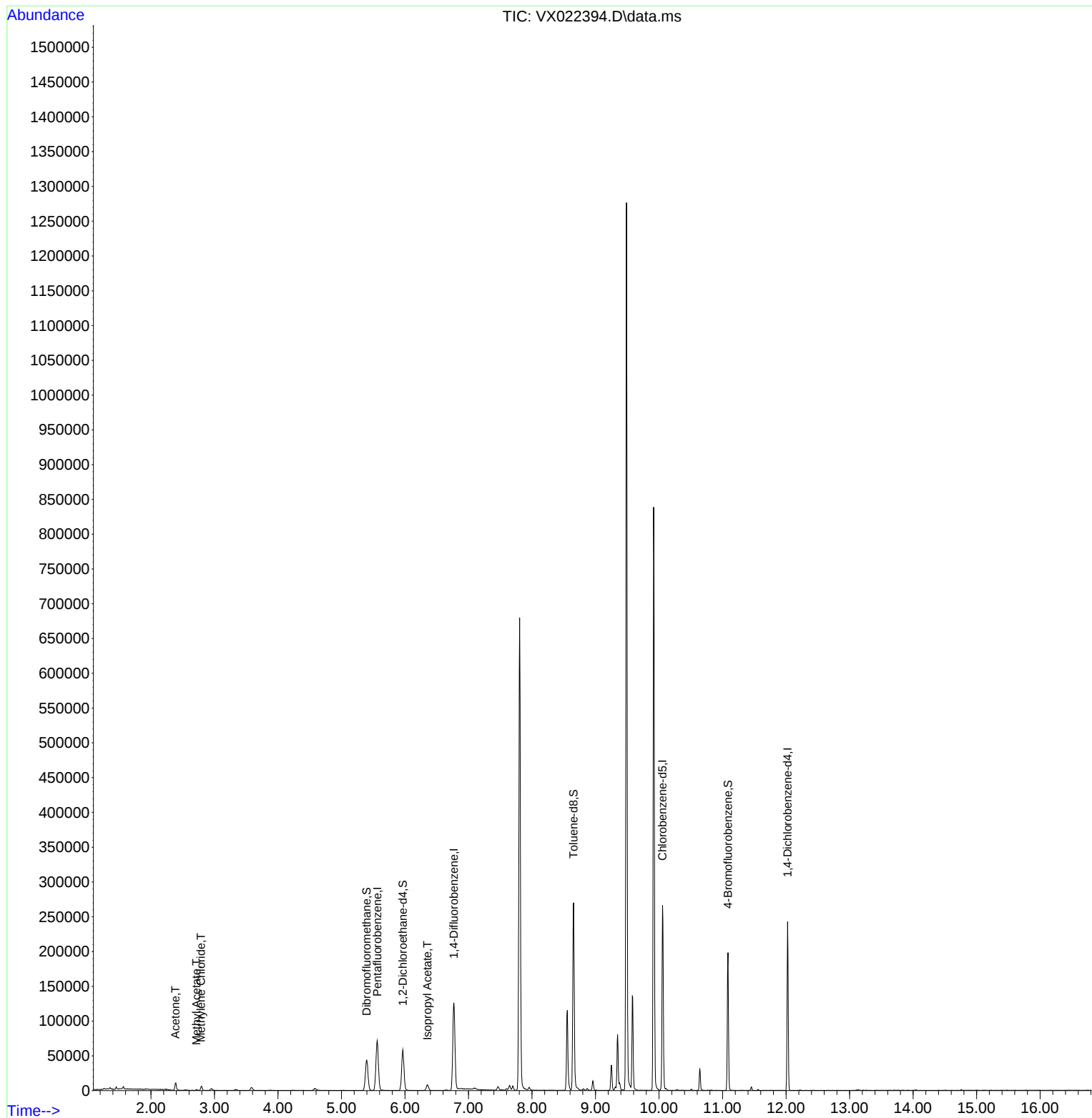
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 60278    | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 127863   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 114070   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 43566    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 50876    | 54.715   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =      | 109.440% |
| 35) Dibromofluoromethane    | 5.397     | 113   | 37435    | 46.168   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 92.340%  |
| 50) Toluene-d8              | 8.653     | 98    | 157204   | 50.330   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =      | 100.660% |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 53593    | 46.421   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 92.840%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386     | 43    | 11837    | 29.236   | ug/l   | 96       |
| 18) Methyl Acetate          | 2.715     | 43    | 1444     | 1.341    | ug/l   | 100      |
| 20) Methylene Chloride      | 2.788     | 84    | 2333     | 2.595    | ug/l   | 97       |
| 43) Isopropyl Acetate       | 6.354     | 43    | 10944    | 4.616    | ug/l # | 92       |
| -----                       |           |       |          |          |        |          |

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

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ALS Vial : 45 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB36780ZHE#09

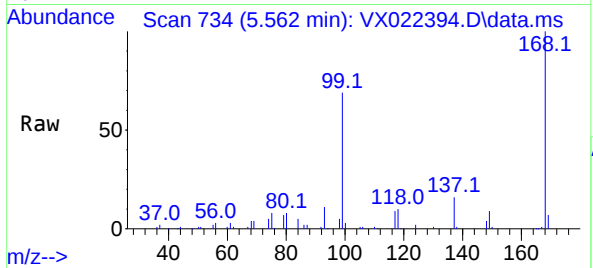
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 14:23:10 2021  
Response via : Initial Calibration



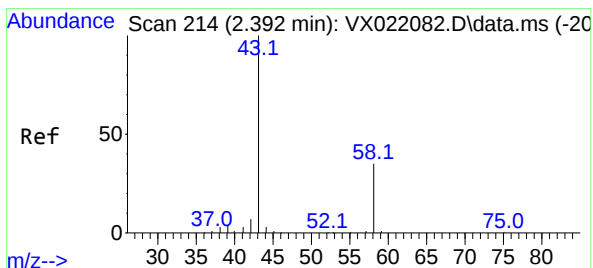
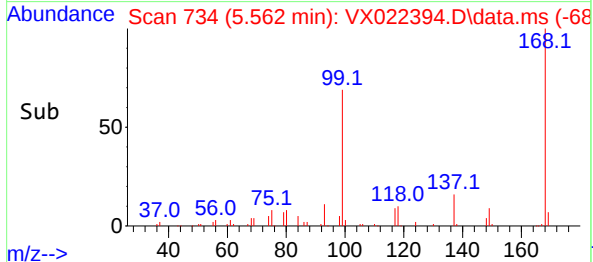
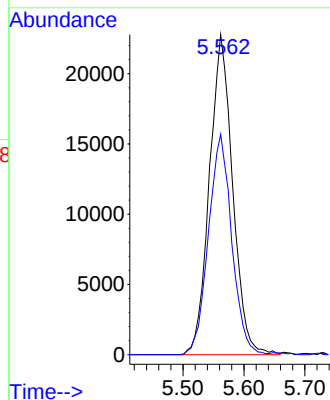


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022394.D  
Acq: 04 Jun 2021 02:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB36780ZHE#09

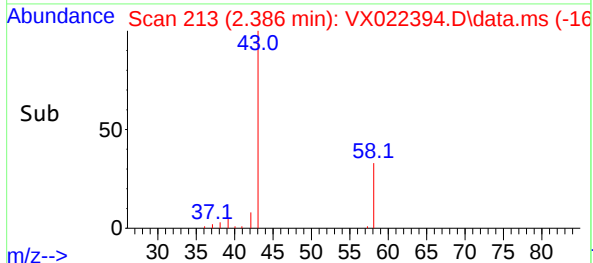
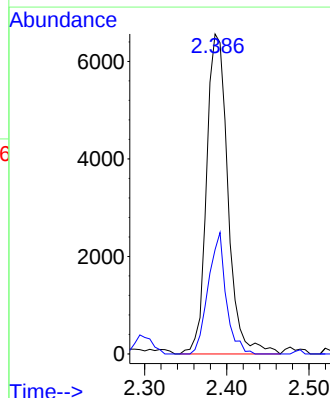
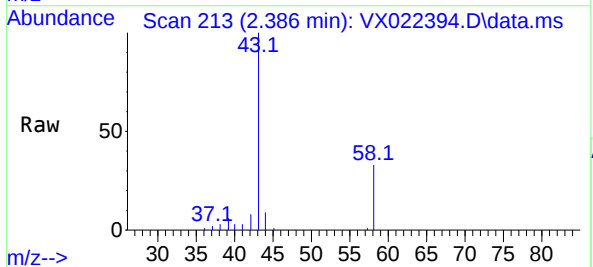


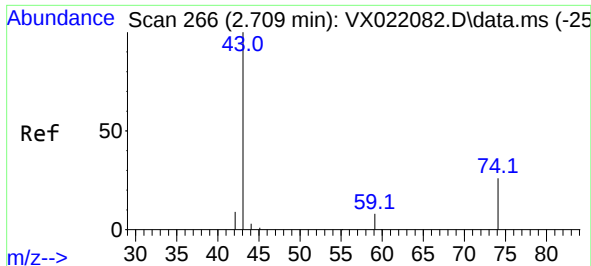
Tgt Ion:168 Resp: 60278  
Ion Ratio Lower Upper  
168 100  
99 68.8 45.8 68.6#



#16  
Acetone  
Concen: 29.236 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX022394.D  
Acq: 04 Jun 2021 02:35

Tgt Ion: 43 Resp: 11837  
Ion Ratio Lower Upper  
43 100  
58 32.6 27.8 41.8

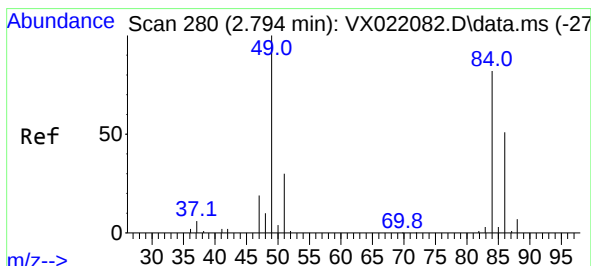
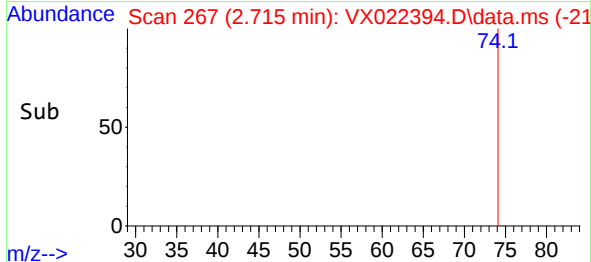
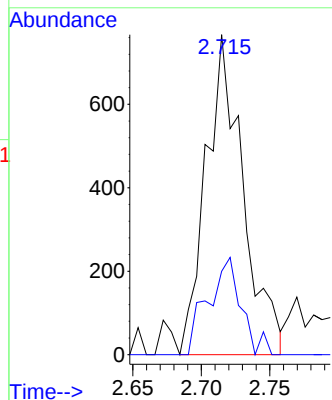
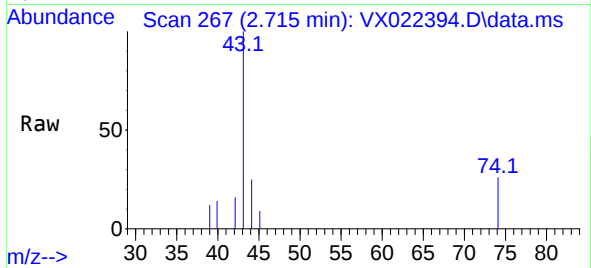




#18  
Methyl Acetate  
Concen: 1.341 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. 0.006 min  
Lab File: VX022394.D  
Acq: 04 Jun 2021 02:35

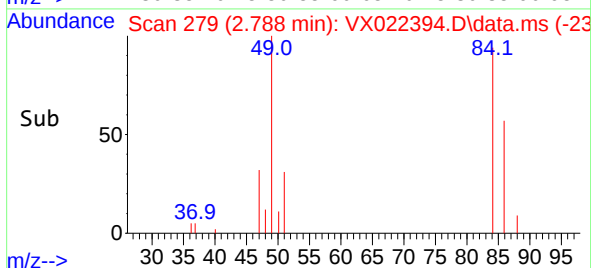
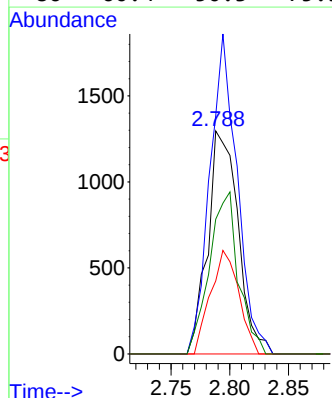
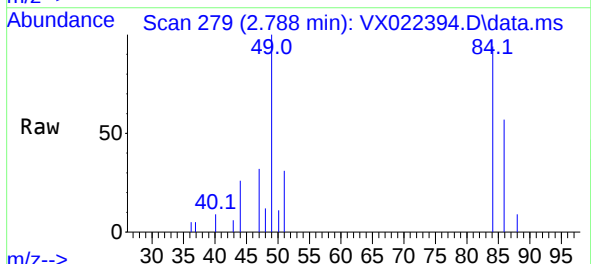
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB36780ZHE#09

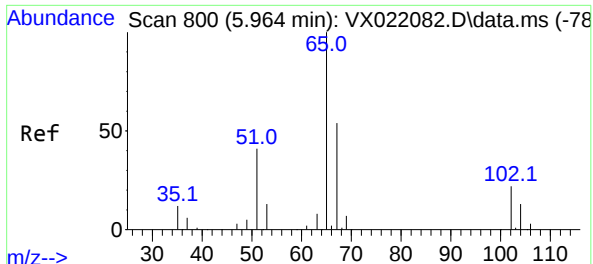
Tgt Ion: 43 Resp: 1444  
Ion Ratio Lower Upper  
43 100  
74 27.2 21.9 32.9



#20  
Methylene Chloride  
Concen: 2.595 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX022394.D  
Acq: 04 Jun 2021 02:35

Tgt Ion: 84 Resp: 2333  
Ion Ratio Lower Upper  
84 100  
49 106.9 88.6 132.8  
51 32.7 27.0 40.6  
86 60.4 50.3 75.5



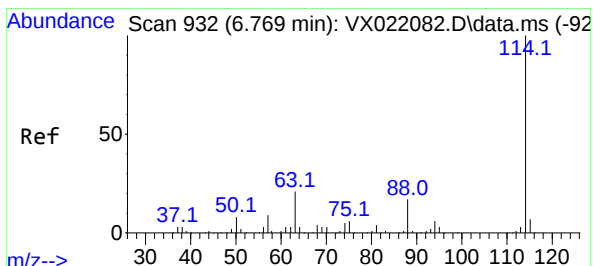
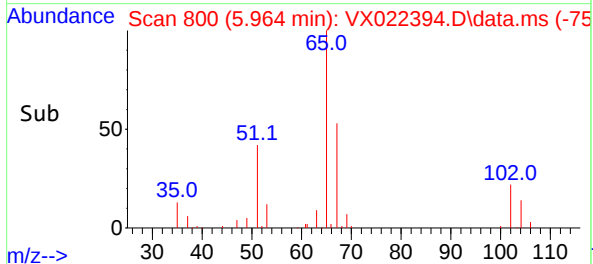
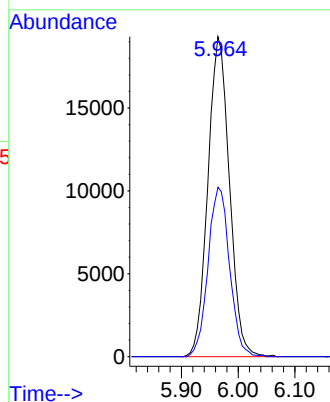
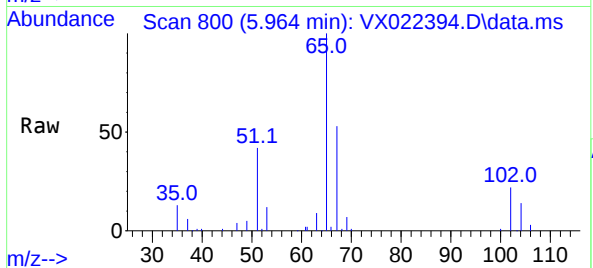


#33

1,2-Dichloroethane-d4  
Concen: 54.715 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022394.D  
Acq: 04 Jun 2021 02:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB36780ZHE#09

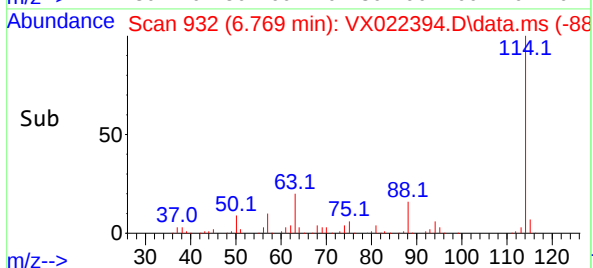
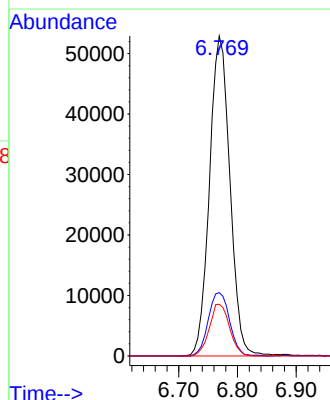
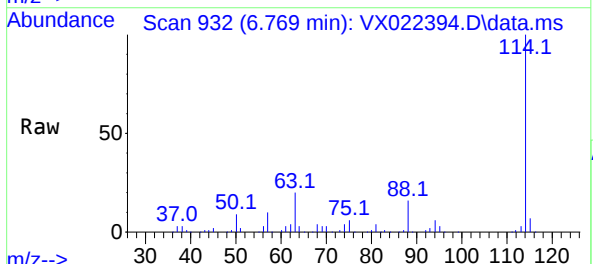
Tgt Ion: 65 Resp: 50876  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 105.4



#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX022394.D  
Acq: 04 Jun 2021 02:35

Tgt Ion: 114 Resp: 127863  
Ion Ratio Lower Upper  
114 100  
63 19.8 0.0 40.8  
88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.168 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022394.D

Acq: 04 Jun 2021 02:35

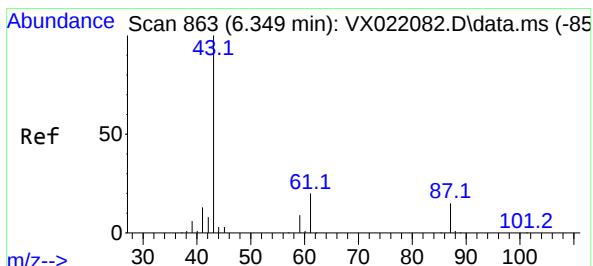
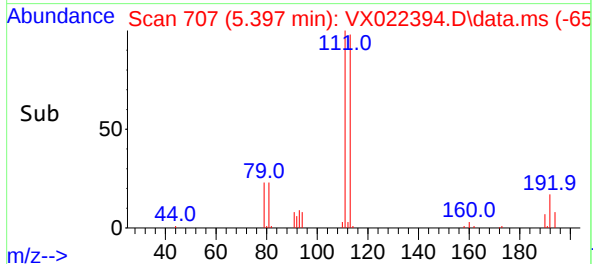
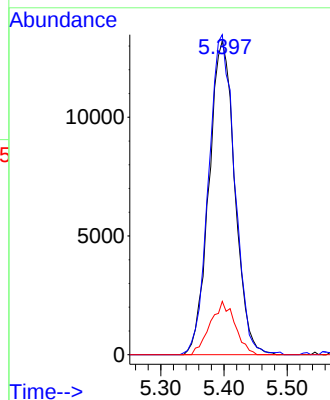
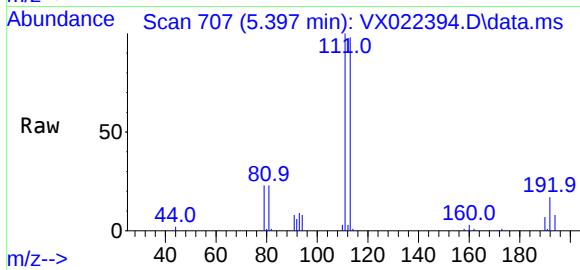
Tgt Ion:113 Resp: 37435

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

192 16.3 16.7 25.1#



#43

Isopropyl Acetate

Concen: 4.616 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.005 min

Lab File: VX022394.D

Acq: 04 Jun 2021 02:35

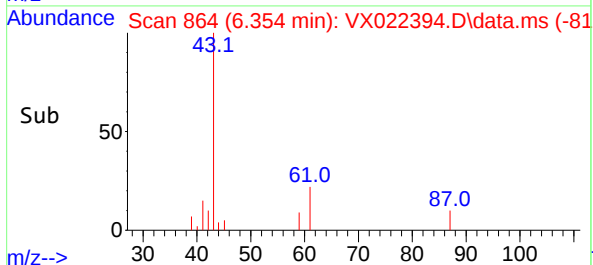
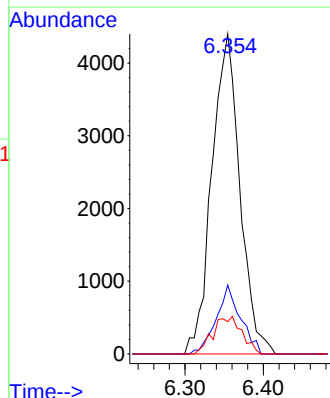
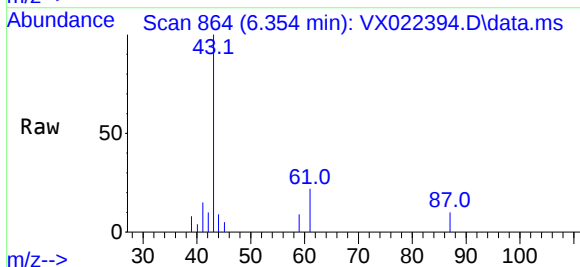
Tgt Ion: 43 Resp: 10944

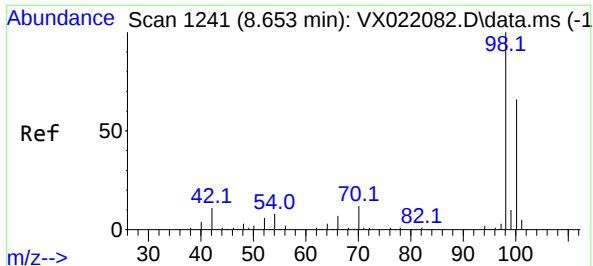
Ion Ratio Lower Upper

43 100

61 18.7 18.2 27.4

87 12.1 12.5 18.7#

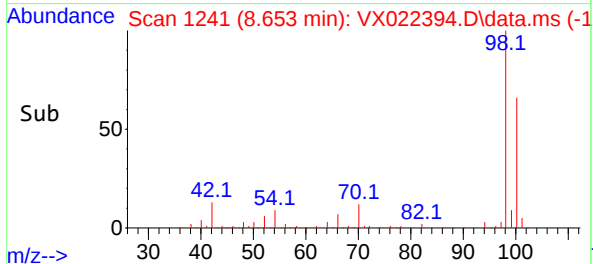
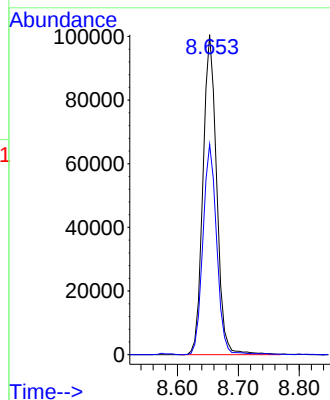
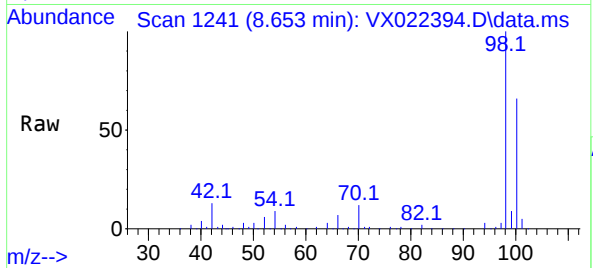




#50  
Toluene-d8  
Concen: 50.330 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022394.D  
Acq: 04 Jun 2021 02:35

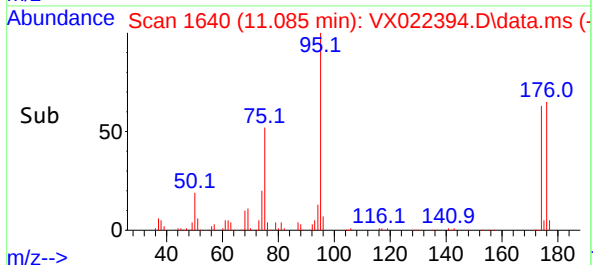
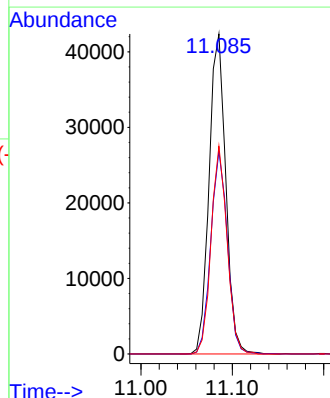
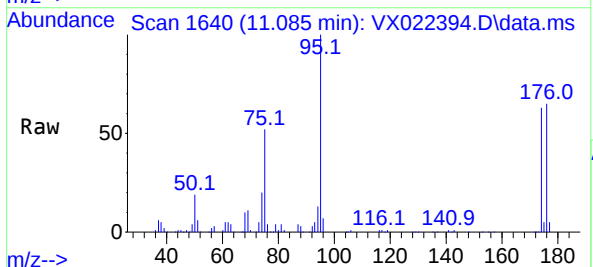
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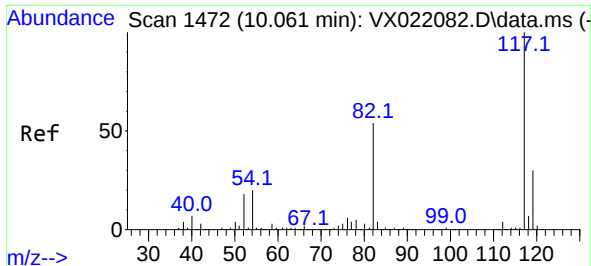
Tgt Ion: 98 Resp: 157204  
Ion Ratio Lower Upper  
98 100  
100 66.4 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 46.421 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022394.D  
Acq: 04 Jun 2021 02:35

Tgt Ion: 95 Resp: 53593  
Ion Ratio Lower Upper  
95 100  
174 63.1 0.0 154.6  
176 62.4 0.0 155.8

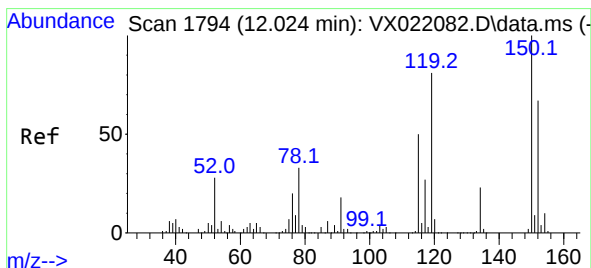
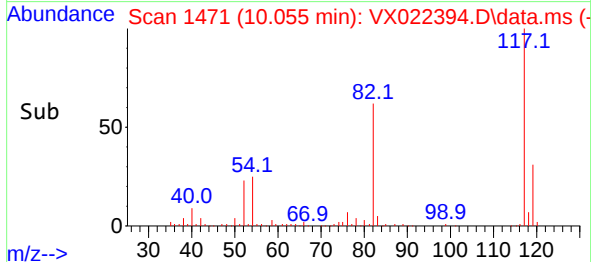
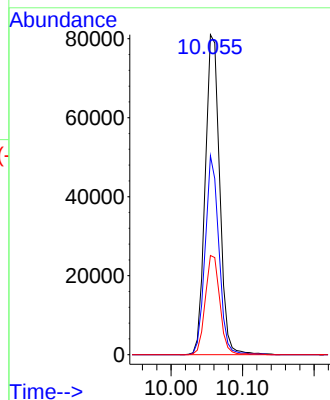
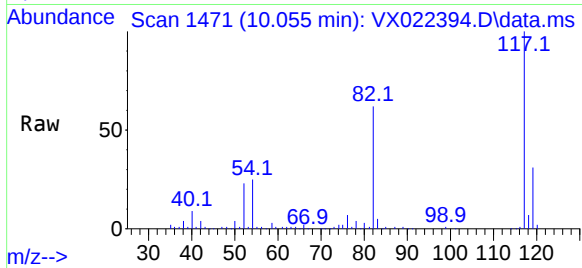




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX022394.D  
Acq: 04 Jun 2021 02:35

Instrument :  
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Tgt Ion:117 Resp: 114070  
Ion Ratio Lower Upper  
117 100  
82 62.1 47.4 71.2  
119 31.0 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: VX022394.D  
Acq: 04 Jun 2021 02:35

Tgt Ion:152 Resp: 43566  
Ion Ratio Lower Upper  
152 100  
115 65.2 41.1 123.3  
150 157.3 0.0 349.0

