

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060221\  
 Data File : VX022341.D  
 Acq On : 02 Jun 2021 16:15  
 Operator : JC/MD  
 Sample : M2579-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 33S-20210601

Quant Time: Jun 03 02:21:30 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

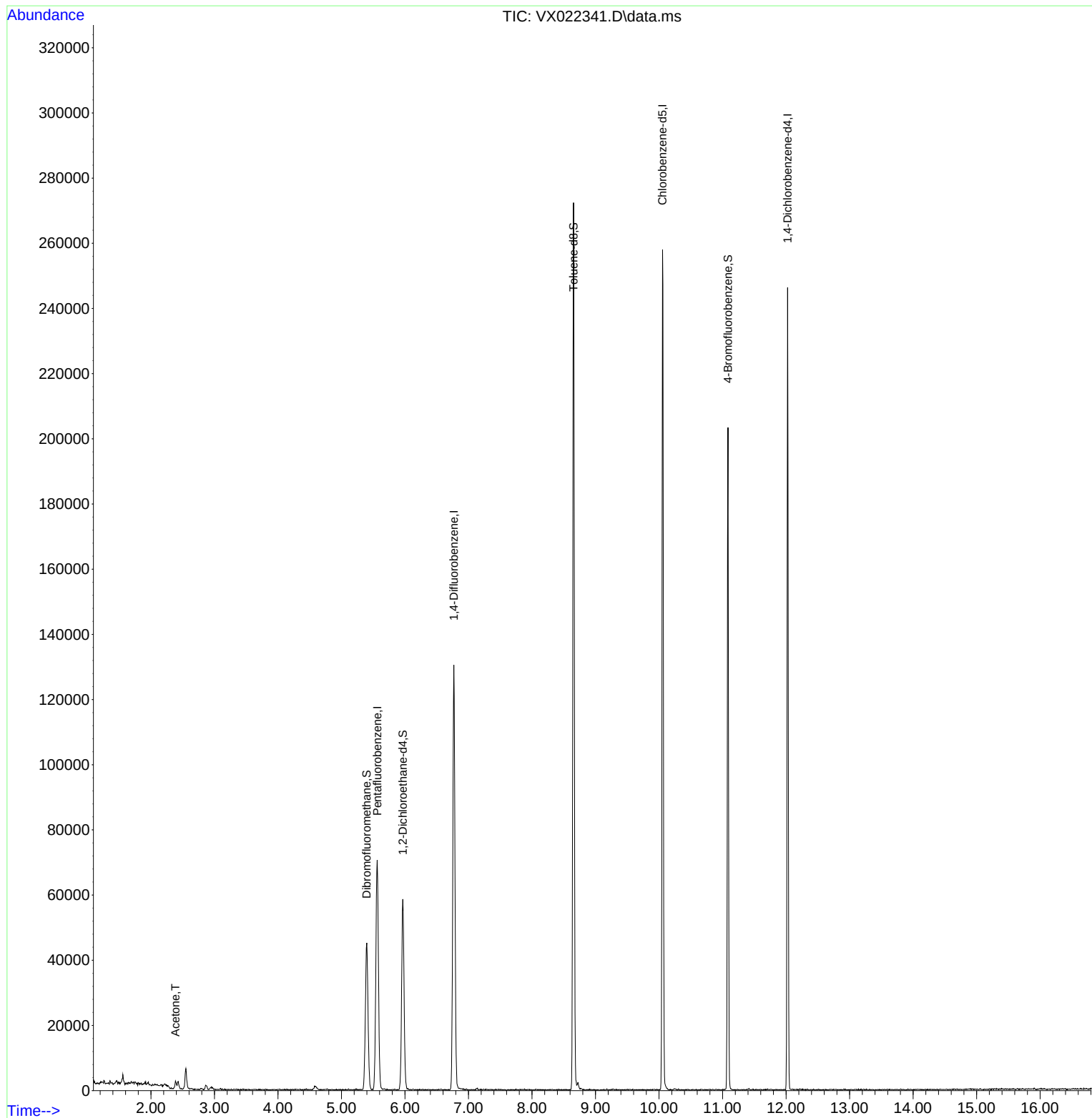
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 5.562  | 168   | 61347    | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 129273   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 113442   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 44316    | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 53558    | 56.596   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 113.200%    |
| 35) Dibromofluoromethane    | 5.397  | 113   | 38160    | 46.549   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 93.100%     |
| 50) Toluene-d8              | 8.653  | 98    | 159507   | 50.510   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 101.020%    |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 54098    | 46.347   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 92.700%     |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 2.386  | 43    | 2661     | 6.458    | ug/l  | Qvalue # 84 |
| -----                       |        |       |          |          |       |             |

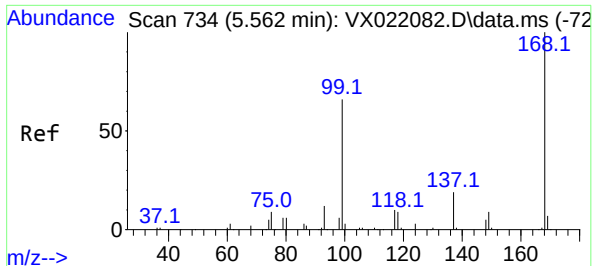
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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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

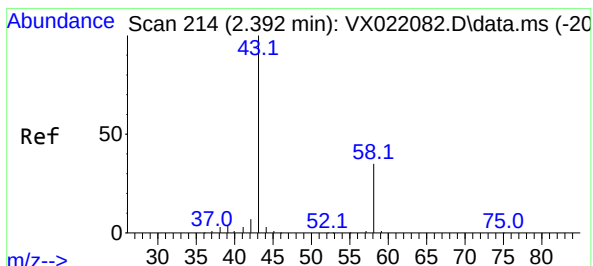
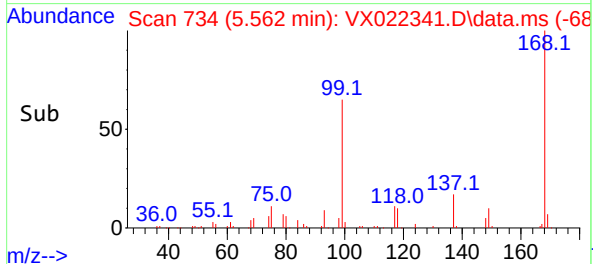
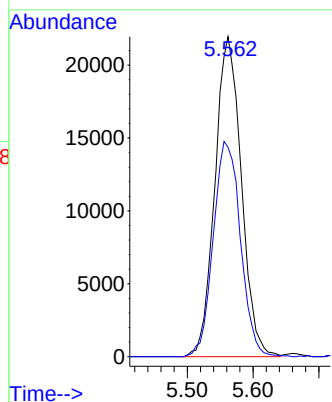
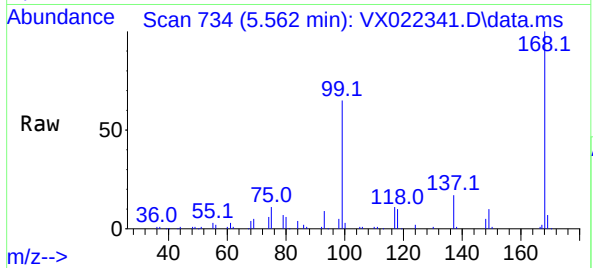




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022341.D  
Acq: 02 Jun 2021 16:15

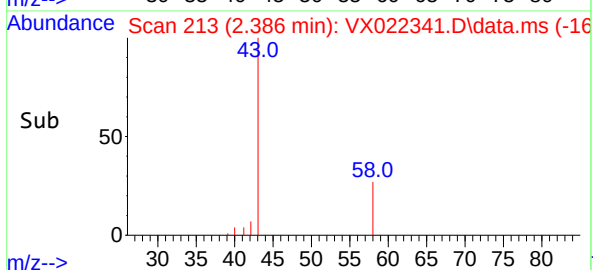
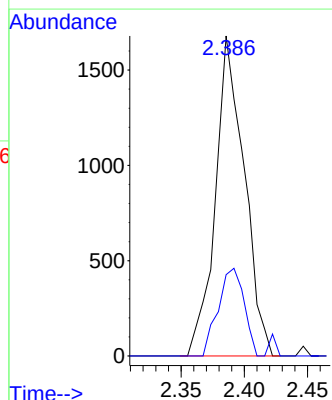
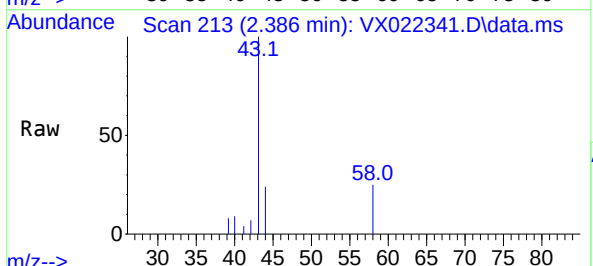
Instrument :  
MSVOA\_X  
ClientSampleId :  
33S-20210601

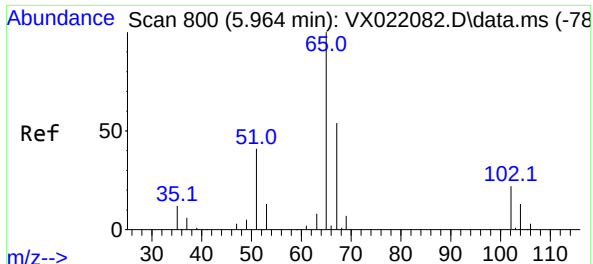
Tgt Ion:168 Resp: 61347  
Ion Ratio Lower Upper  
168 100  
99 65.5 45.8 68.6



#16  
Acetone  
Concen: 6.458 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX022341.D  
Acq: 02 Jun 2021 16:15

Tgt Ion: 43 Resp: 2661  
Ion Ratio Lower Upper  
43 100  
58 25.4 27.8 41.8#



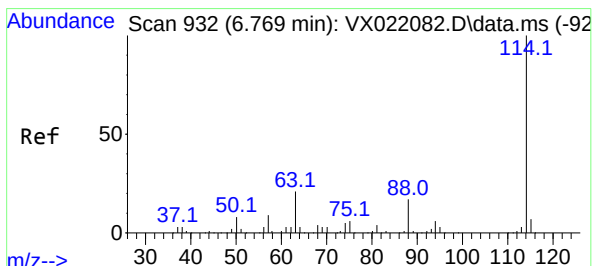
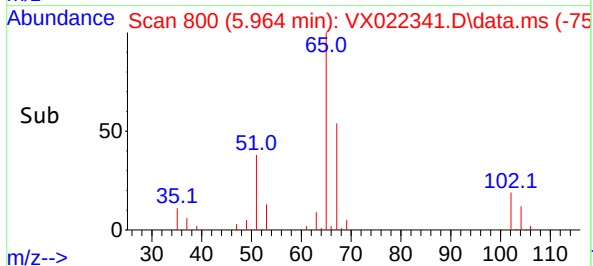
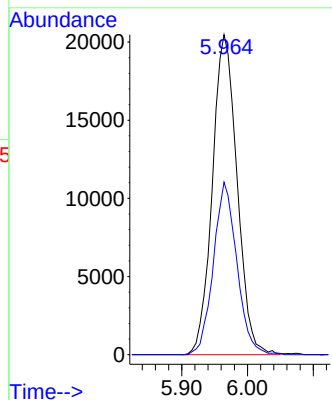
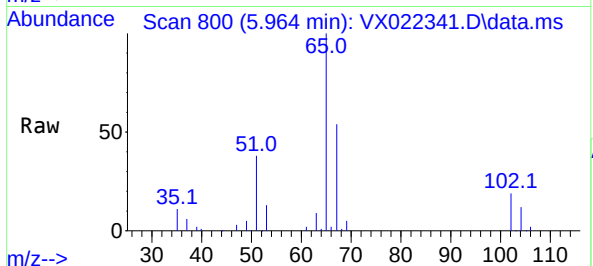


#33

1,2-Dichloroethane-d4  
Concen: 56.596 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022341.D  
Acq: 02 Jun 2021 16:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
33S-20210601

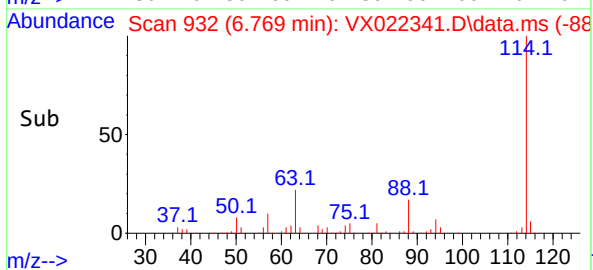
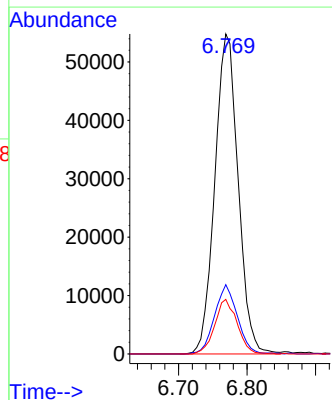
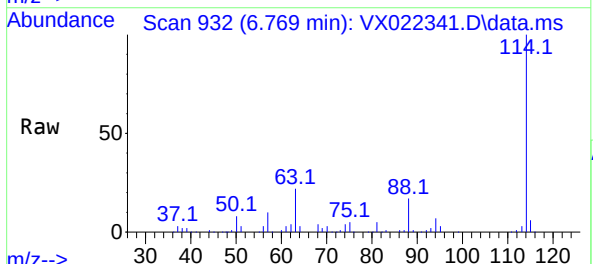
Tgt Ion: 65 Resp: 53558  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 105.4

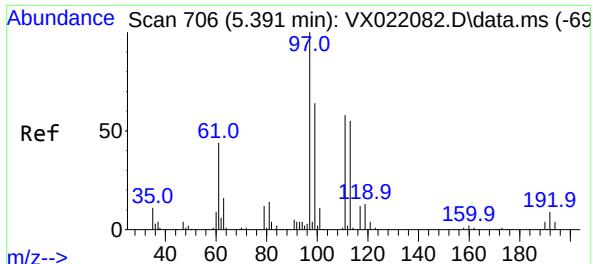


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022341.D  
Acq: 02 Jun 2021 16:15

Tgt Ion: 114 Resp: 129273  
Ion Ratio Lower Upper  
114 100  
63 21.6 0.0 40.8  
88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.549 ug/l

RT: 5.397 min Scan# 707

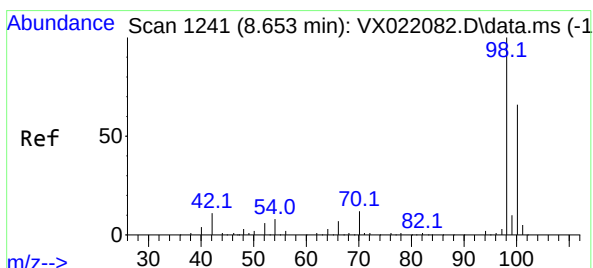
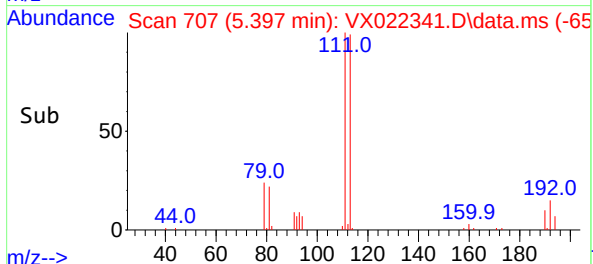
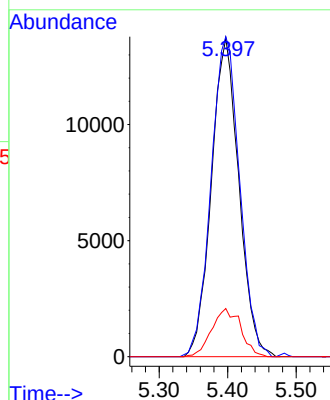
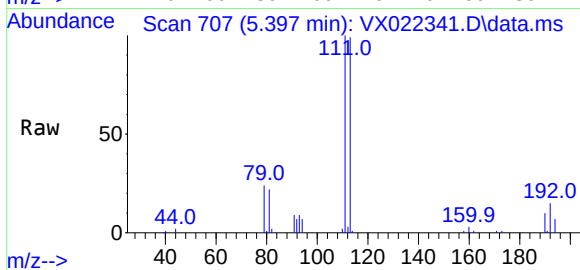
Delta R.T. 0.006 min

Lab File: VX022341.D

Acq: 02 Jun 2021 16:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 38160 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 104.5 | 81.9  | 122.9 |
| 192      | 16.0  | 16.7  | 25.1# |

Instrument :  
MSVOA\_X  
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#50

Toluene-d8

Concen: 50.510 ug/l

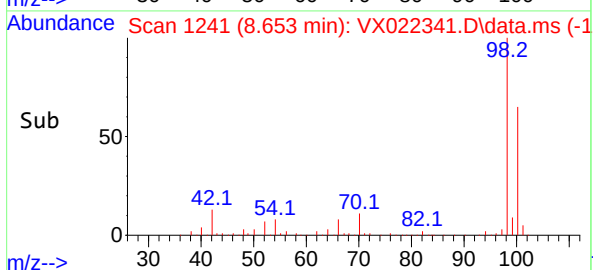
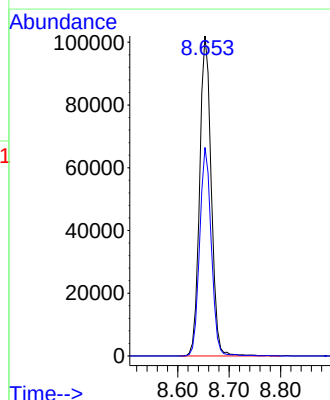
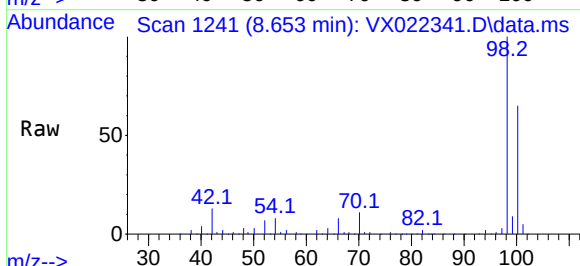
RT: 8.653 min Scan# 1241

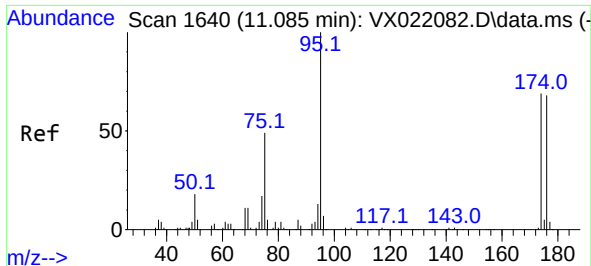
Delta R.T. -0.000 min

Lab File: VX022341.D

Acq: 02 Jun 2021 16:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 159507 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.3  | 51.9  | 77.9   |

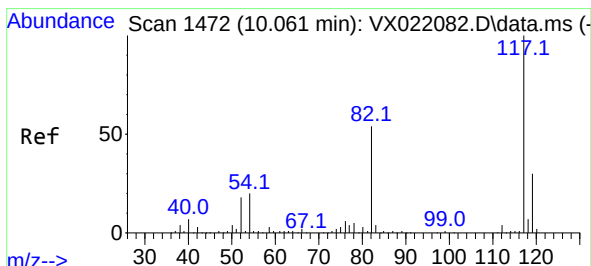
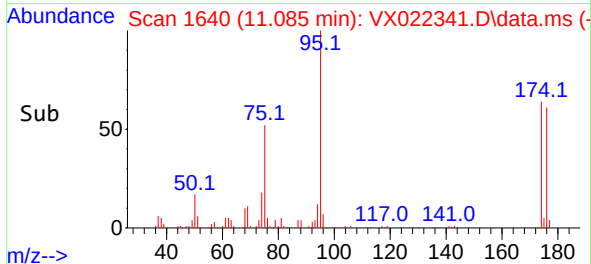
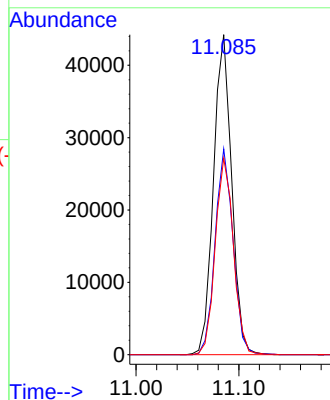
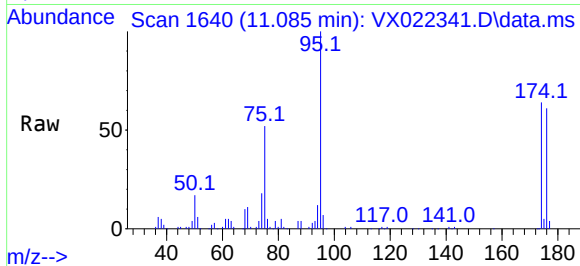




#62  
4-Bromofluorobenzene  
Concen: 46.347 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022341.D  
Acq: 02 Jun 2021 16:15

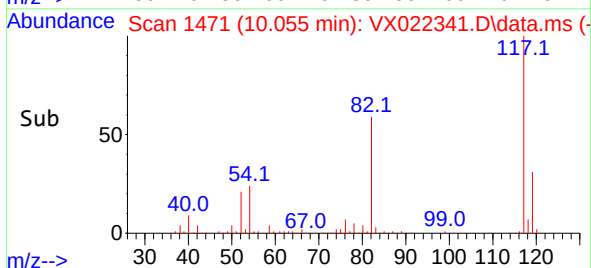
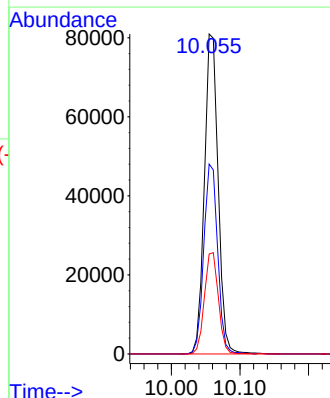
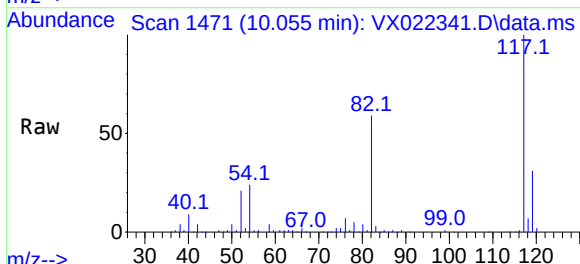
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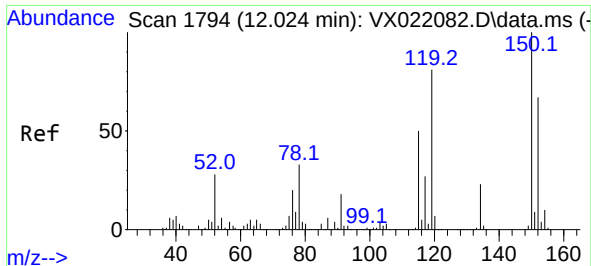
Tgt Ion: 95 Resp: 54098  
Ion Ratio Lower Upper  
95 100  
174 63.5 0.0 154.6  
176 61.7 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX022341.D  
Acq: 02 Jun 2021 16:15

Tgt Ion: 117 Resp: 113442  
Ion Ratio Lower Upper  
117 100  
82 59.4 47.4 71.2  
119 31.3 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: VX022341.D  
 Acq: 02 Jun 2021 16:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 44316  
 Ion Ratio Lower Upper  
 152 100  
 115 65.9 41.1 123.3  
 150 155.8 0.0 349.0

