

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091421\  
 Data File : VX024241.D  
 Acq On : 15 Sep 2021 05:15  
 Operator : JC/MD  
 Sample : M3724-15 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 33131

Quant Time: Sep 15 07:33:18 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 14 12:18:04 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 142667   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 244616   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.061 | 117  | 233755   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 100605   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 107736   | 52.957   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 105.920% |
| 35) Dibromofluoromethane    | 5.397  | 113   | 82312    | 50.175   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 100.340% |
| 50) Toluene-d8              | 8.653  | 98    | 304077   | 50.881   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 101.760% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 113119   | 48.637   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 97.280%  |

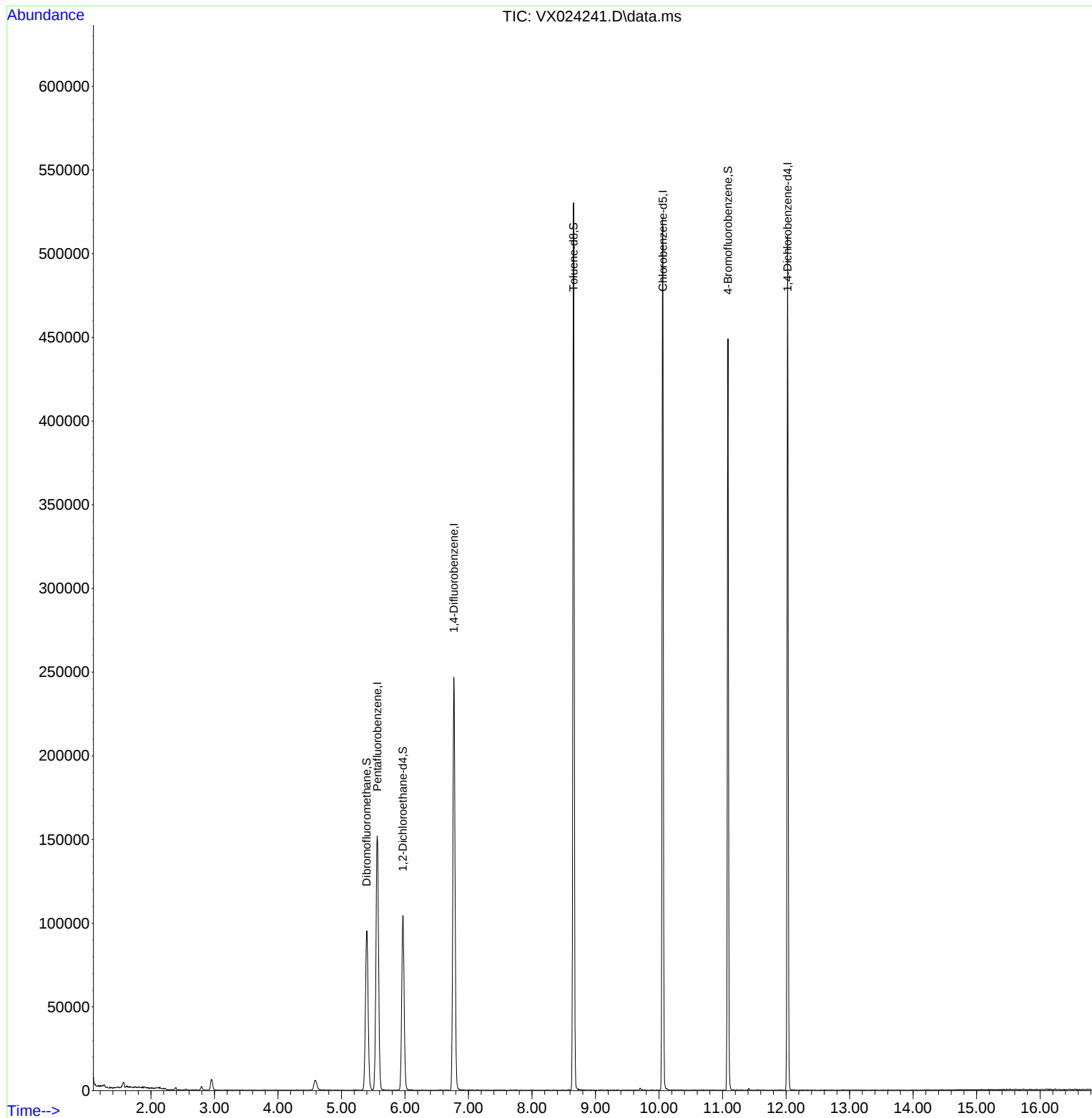
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

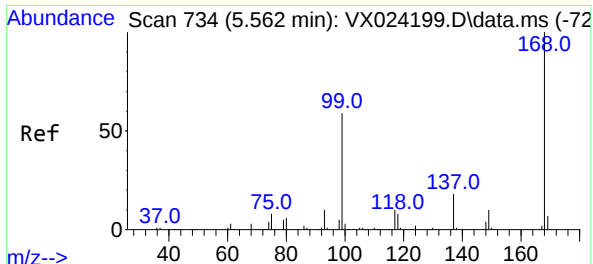
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Sep 14 12:18:04 2021  
Response via : Initial Calibration

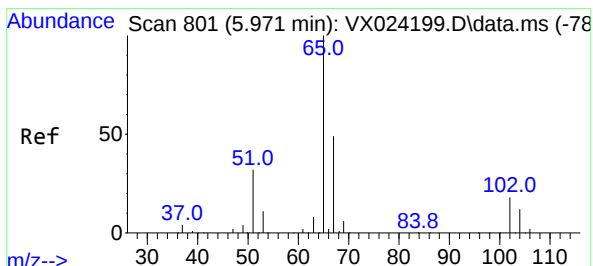
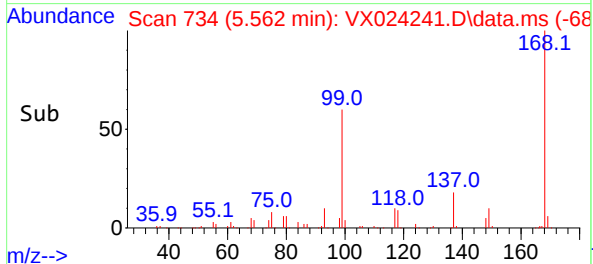
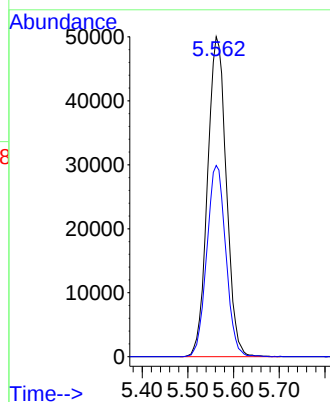
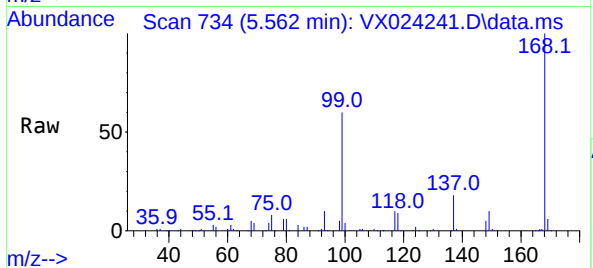




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX024241.D  
Acq: 15 Sep 2021 05:15

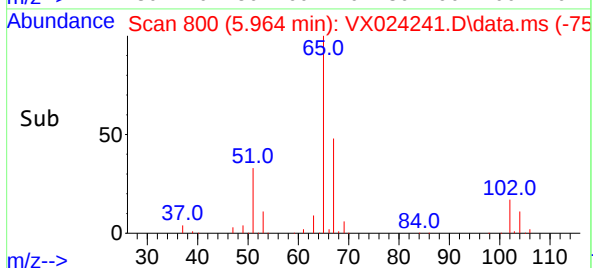
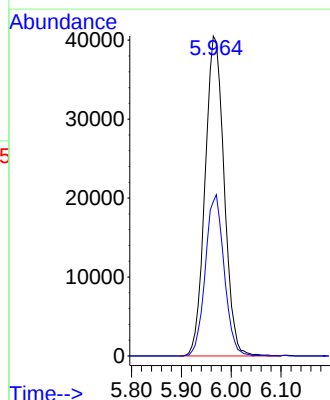
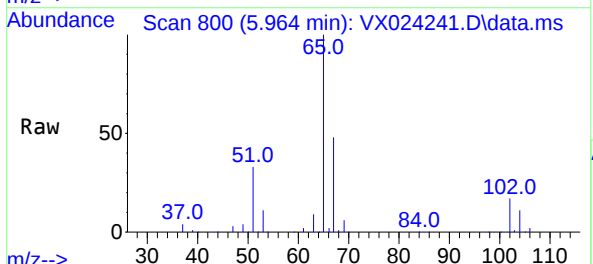
Instrument :  
MSVOA\_X  
ClientSampleId :  
33131

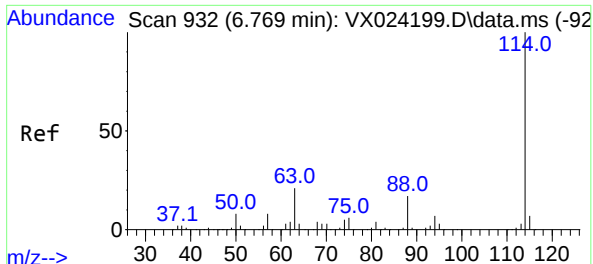
Tgt Ion:168 Resp: 142667  
Ion Ratio Lower Upper  
168 100  
99 59.8 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 52.957 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.007 min  
Lab File: VX024241.D  
Acq: 15 Sep 2021 05:15

Tgt Ion: 65 Resp: 107736  
Ion Ratio Lower Upper  
65 100  
67 49.6 0.0 105.4

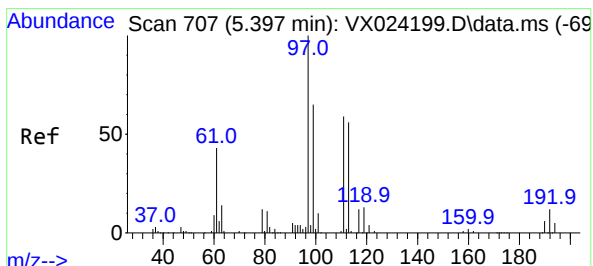
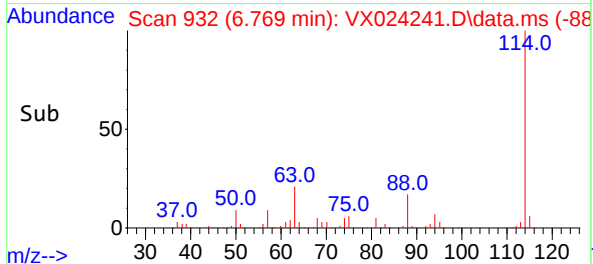
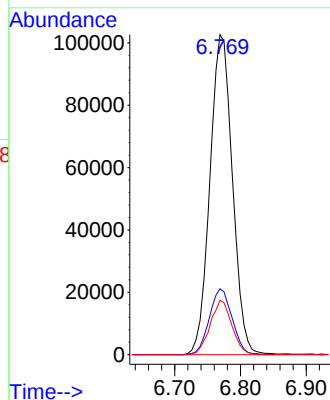
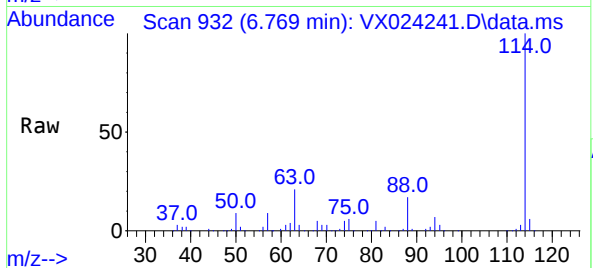




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX024241.D  
Acq: 15 Sep 2021 05:15

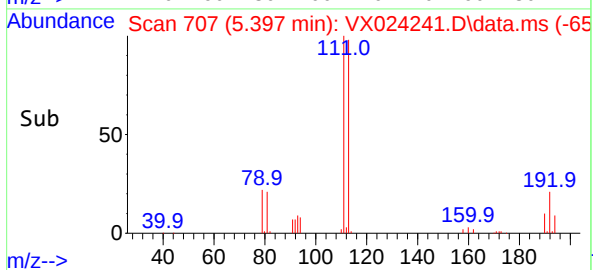
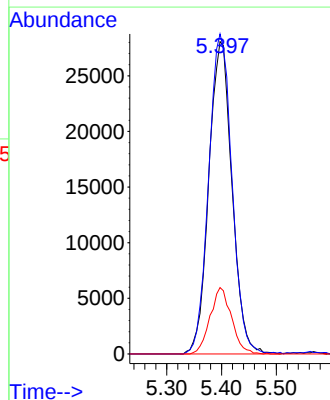
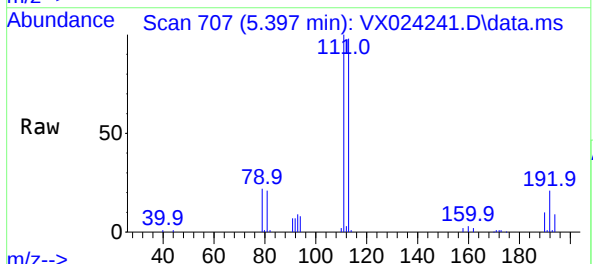
Instrument :  
MSVOA\_X  
ClientSampleId :  
33131

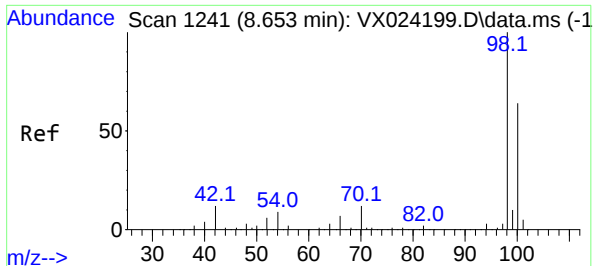
Tgt Ion:114 Resp: 244616  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 40.8  
88 17.0 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 50.175 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024241.D  
Acq: 15 Sep 2021 05:15

Tgt Ion:113 Resp: 82312  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.9 122.9  
192 19.7 16.7 25.1





#50

Toluene-d8

Concen: 50.881 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024241.D

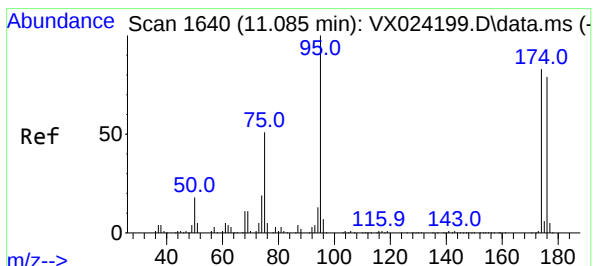
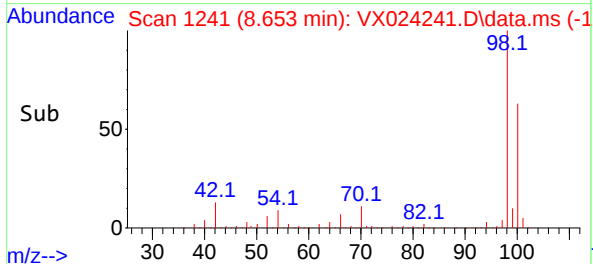
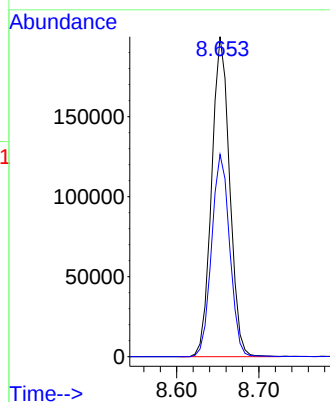
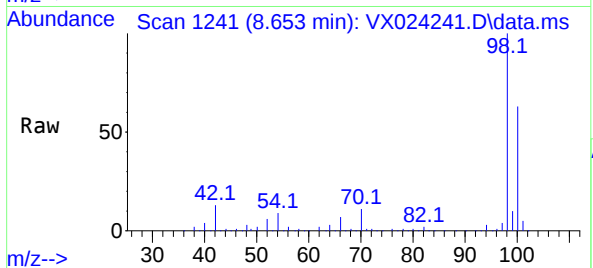
Acq: 15 Sep 2021 05:15

Tgt Ion: 98 Resp: 304077

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 48.637 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024241.D

Acq: 15 Sep 2021 05:15

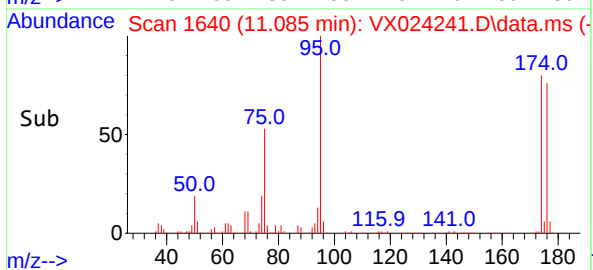
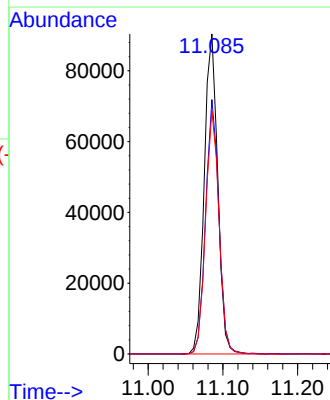
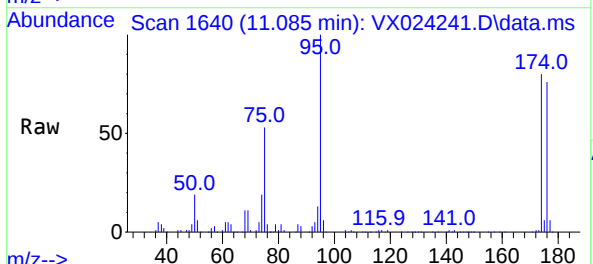
Tgt Ion: 95 Resp: 113119

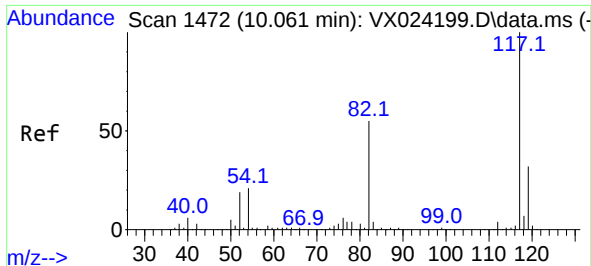
Ion Ratio Lower Upper

95 100

174 78.2 0.0 154.6

176 75.9 0.0 155.8

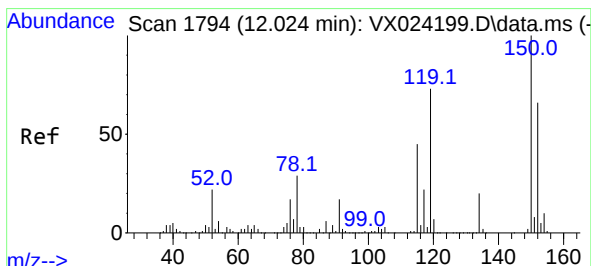
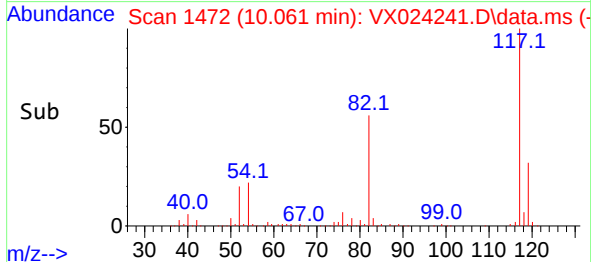
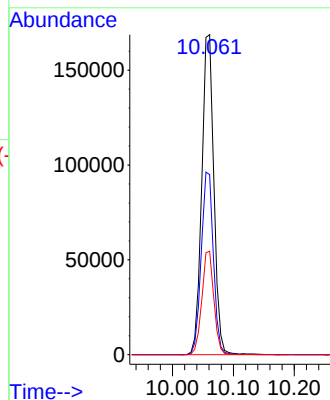
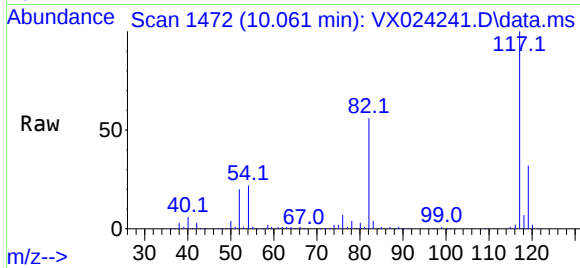




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VX024241.D  
Acq: 15 Sep 2021 05:15

Instrument :  
MSVOA\_X  
ClientSampled :  
33131

Tgt Ion:117 Resp: 233755  
Ion Ratio Lower Upper  
117 100  
82 56.3 47.4 71.2  
119 32.3 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: VX024241.D  
Acq: 15 Sep 2021 05:15

Tgt Ion:152 Resp: 100605  
Ion Ratio Lower Upper  
152 100  
115 62.2 41.1 123.3  
150 158.4 0.0 349.0

