

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090821\  
 Data File : VX024126.D  
 Acq On : 08 Sep 2021 10:17  
 Operator : JC/MD  
 Sample : VX0908MBL01  
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0908MBL01

Quant Time: Sep 09 05:41:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 142277   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 240842   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 222965   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 94388    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 108846   | 54.814   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 109.620% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 85703    | 53.764   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 107.520% |
| 50) Toluene-d8              | 8.653  | 98    | 303709   | 50.058   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 100.120% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 107900   | 48.310   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 96.620%  |

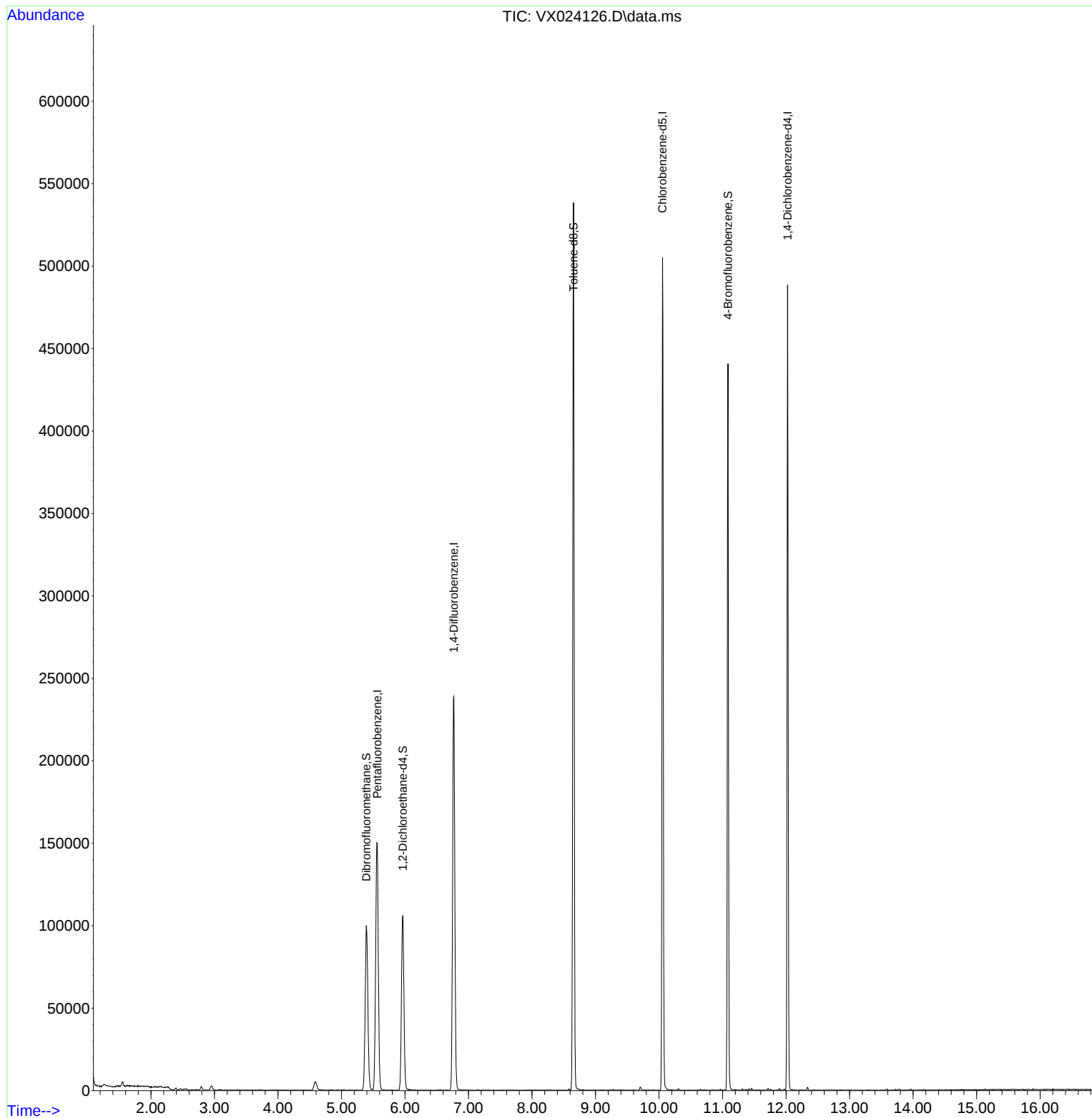
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

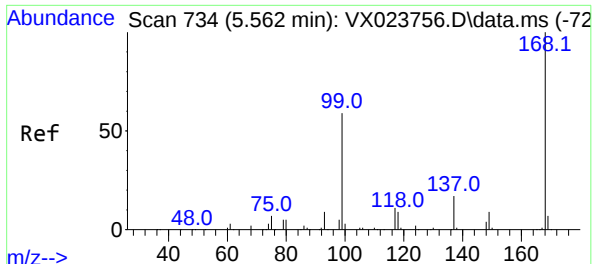
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0908MBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 11:57:51 2021  
Response via : Initial Calibration

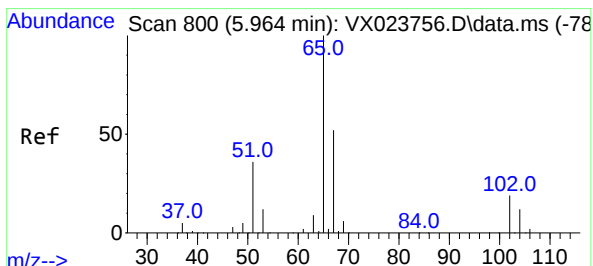
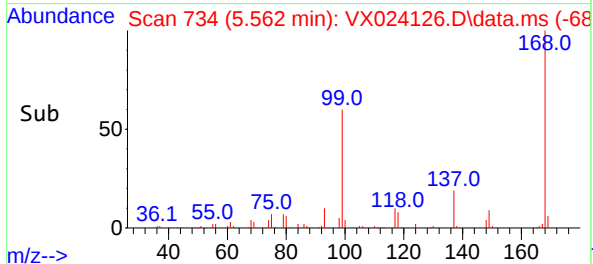
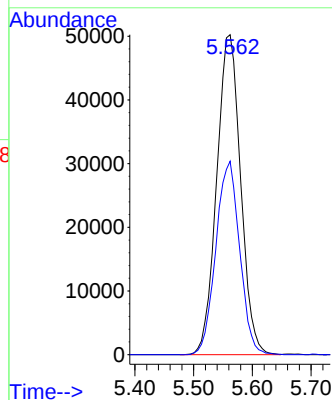
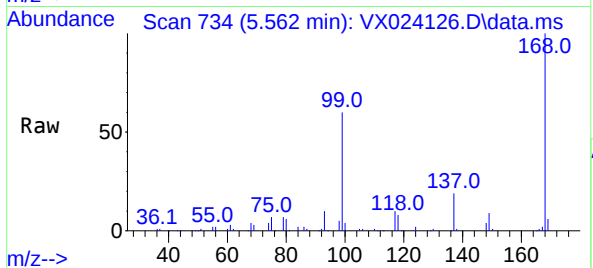




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX024126.D  
Acq: 08 Sep 2021 10:17

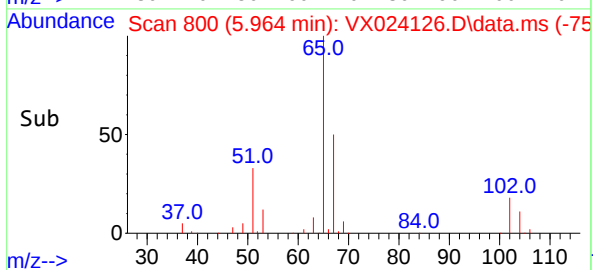
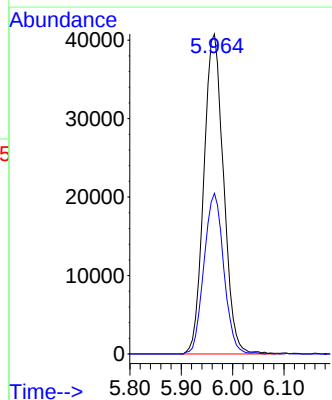
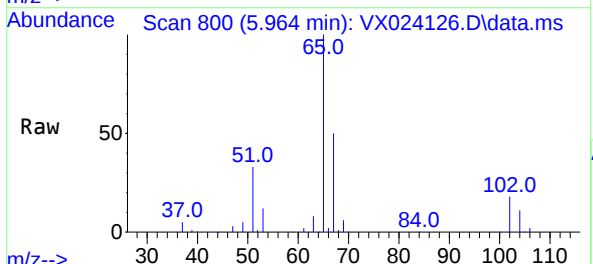
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0908MBL01

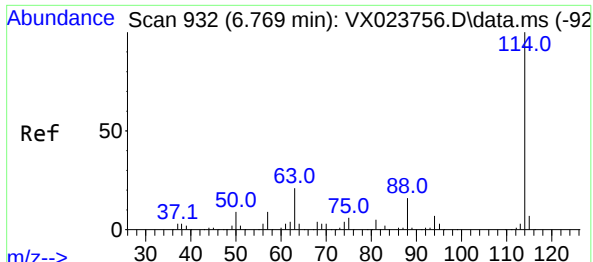
Tgt Ion:168 Resp: 142277  
Ion Ratio Lower Upper  
168 100  
99 60.5 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 54.814 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX024126.D  
Acq: 08 Sep 2021 10:17

Tgt Ion: 65 Resp: 108846  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 105.4

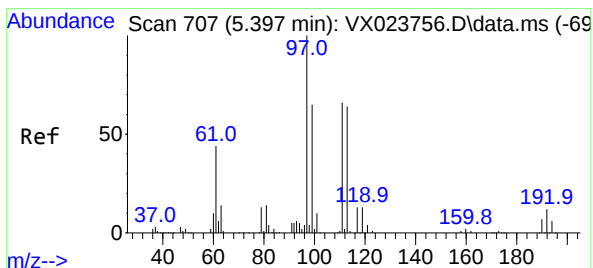
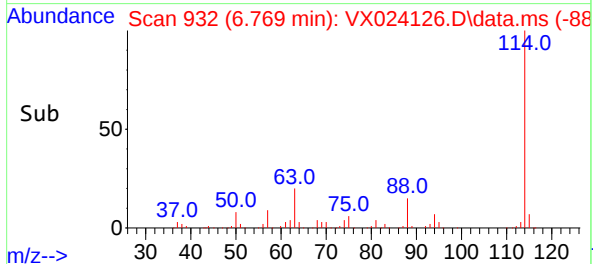
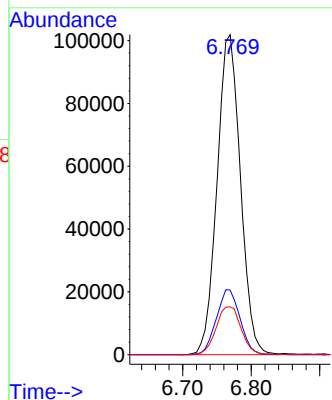
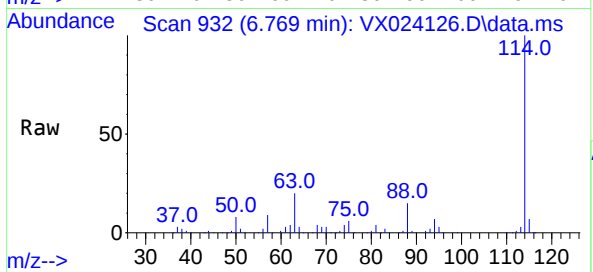




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024126.D  
Acq: 08 Sep 2021 10:17

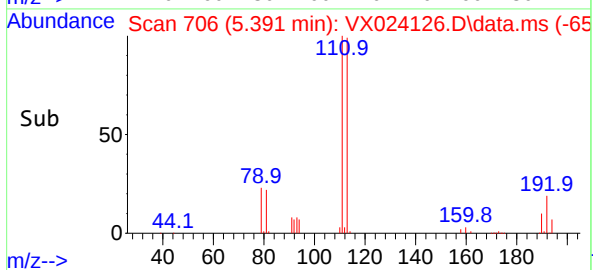
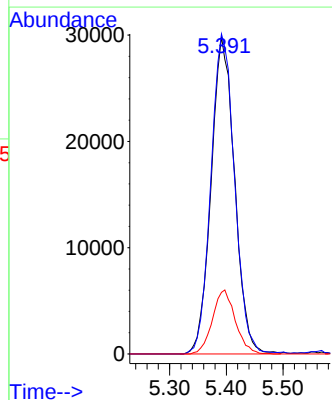
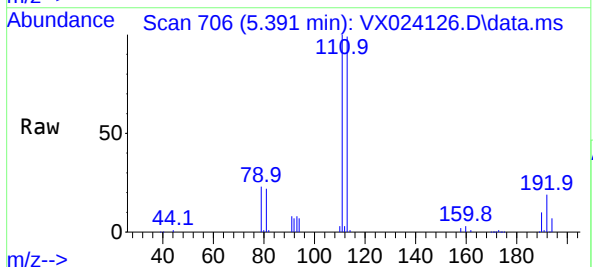
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0908MBL01

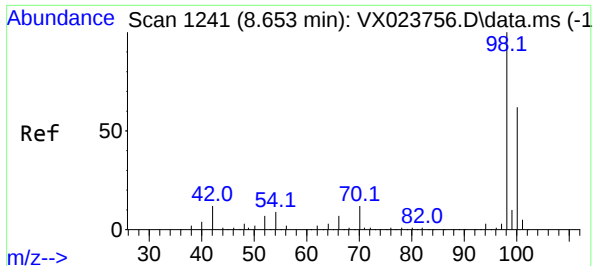
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 240842 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 20.2  | 0.0   | 40.8   |
| 88        | 15.0  | 0.0   | 32.8   |



#35  
Dibromofluoromethane  
Concen: 53.764 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VX024126.D  
Acq: 08 Sep 2021 10:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 85703 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 101.8 | 81.9  | 122.9 |
| 192       | 19.7  | 16.7  | 25.1  |





#50

Toluene-d8

Concen: 50.058 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024126.D

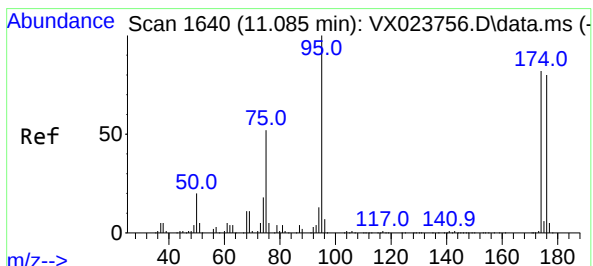
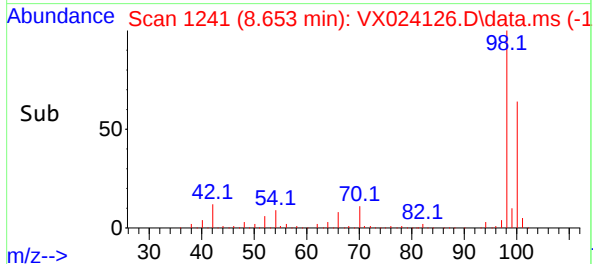
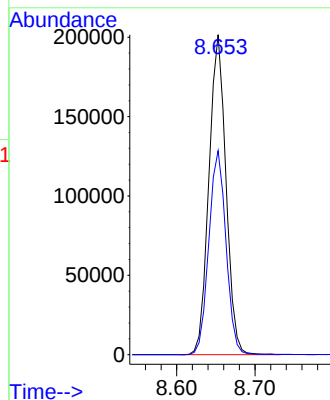
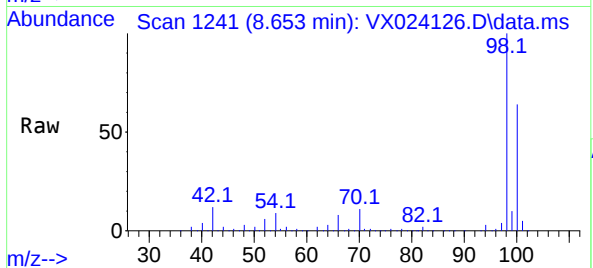
Acq: 08 Sep 2021 10:17

Tgt Ion: 98 Resp: 303709

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 48.310 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024126.D

Acq: 08 Sep 2021 10:17

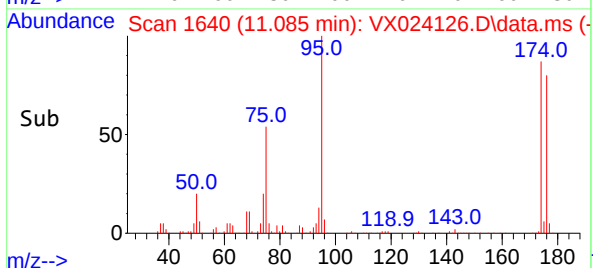
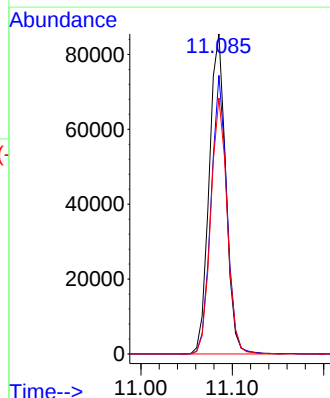
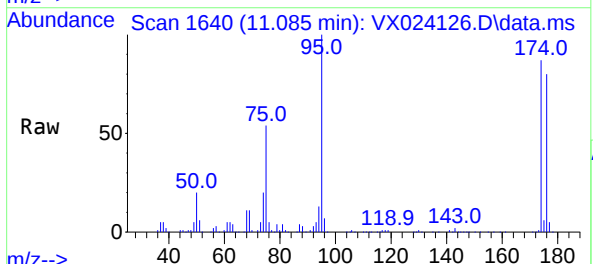
Tgt Ion: 95 Resp: 107900

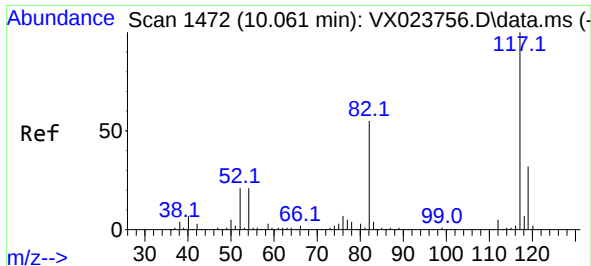
Ion Ratio Lower Upper

95 100

174 83.1 0.0 154.6

176 78.7 0.0 155.8

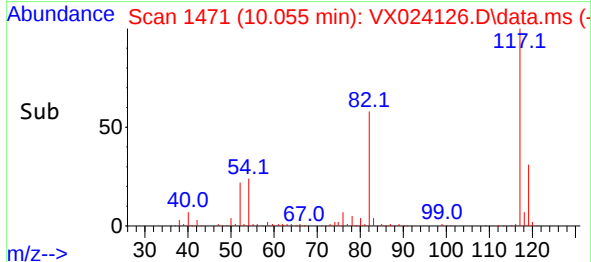
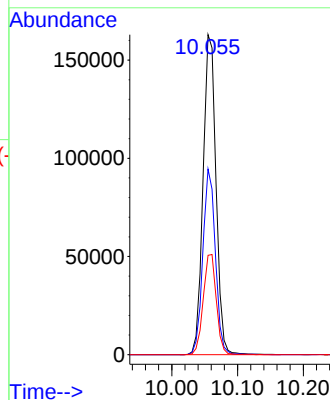
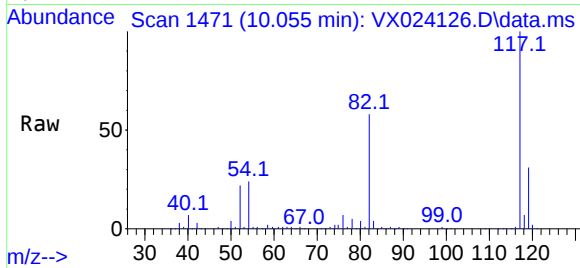




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX024126.D  
Acq: 08 Sep 2021 10:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0908MBL01

Tgt Ion:117 Resp: 222965  
Ion Ratio Lower Upper  
117 100  
82 58.0 47.4 71.2  
119 31.1 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: VX024126.D  
Acq: 08 Sep 2021 10:17

Tgt Ion:152 Resp: 94388  
Ion Ratio Lower Upper  
152 100  
115 59.5 41.1 123.3  
150 158.3 0.0 349.0

