

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081721\  
 Data File : VX023773.D  
 Acq On : 17 Aug 2021 19:14  
 Operator : JC/MD  
 Sample : M3389-14  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CRT-17

Quant Time: Aug 18 06:12:21 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

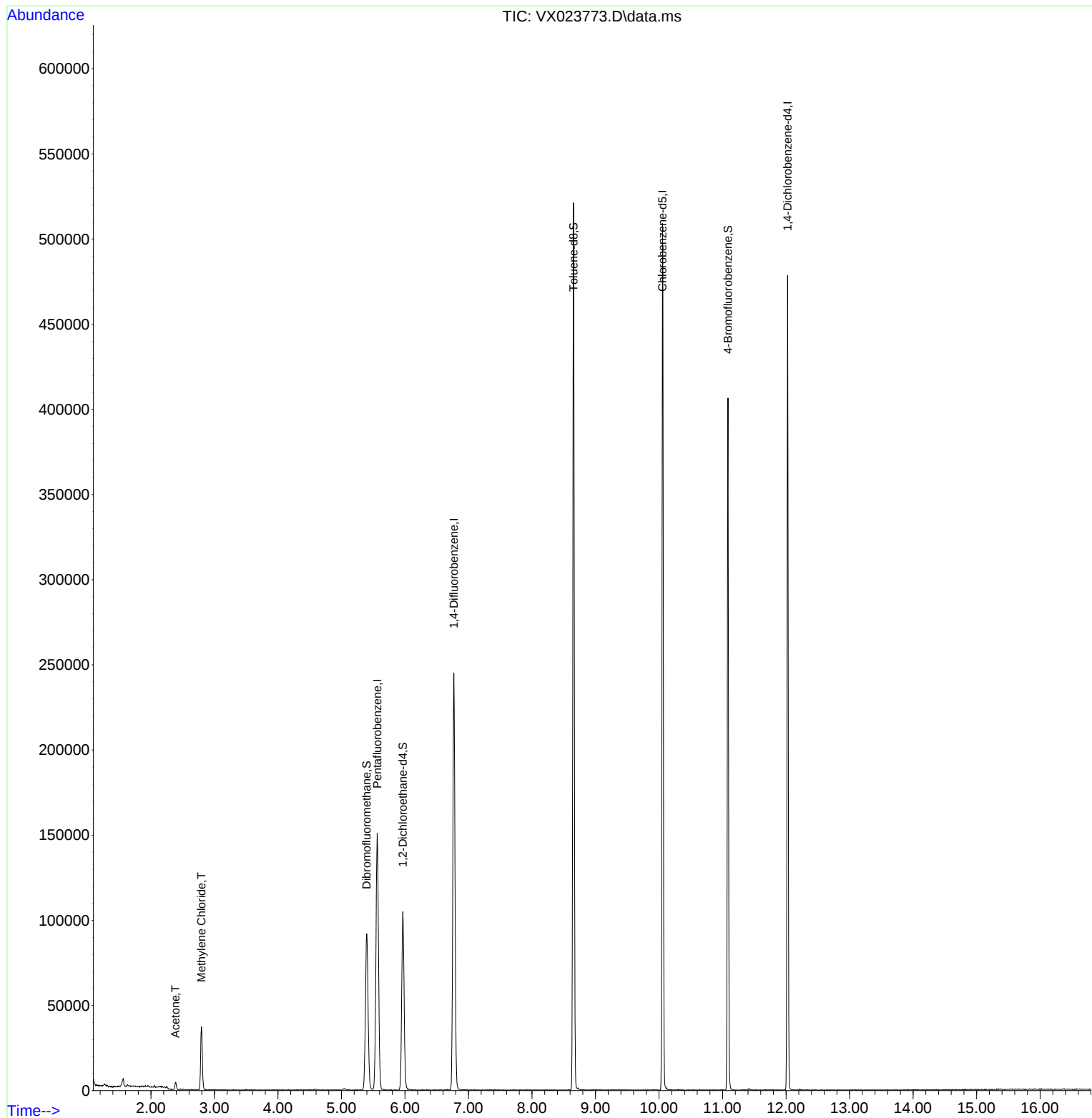
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 139952   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 241611   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 222743   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 94253    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 100761   | 51.585   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 103.180% |
| 35) Dibromofluoromethane    | 5.397  | 113   | 78624    | 49.166   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 98.340%  |
| 50) Toluene-d8              | 8.653  | 98    | 294712   | 48.421   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 96.840%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 102083   | 45.560   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 91.120%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.386  | 43    | 4611     | 5.280    | ug/l  | # 86     |
| 20) Methylene Chloride      | 2.794  | 84    | 16574    | 9.935    | ug/l  | 89       |
| -----                       |        |       |          |          |       |          |

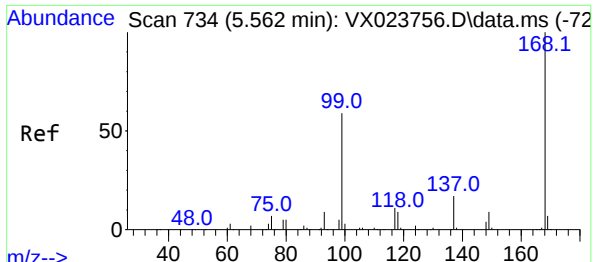
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CRT-17

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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

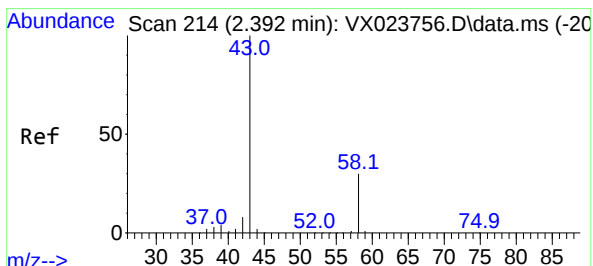
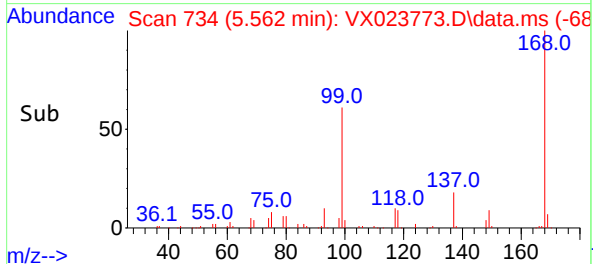
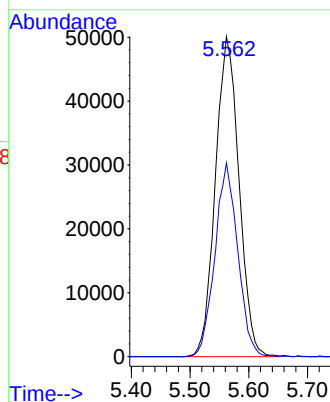
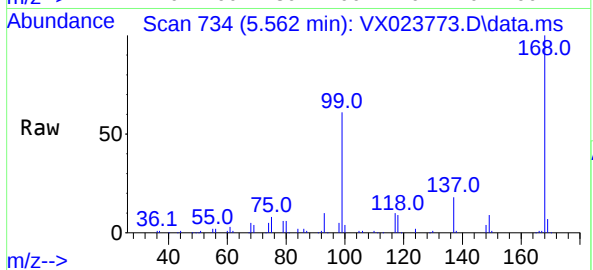




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX023773.D  
Acq: 17 Aug 2021 19:14

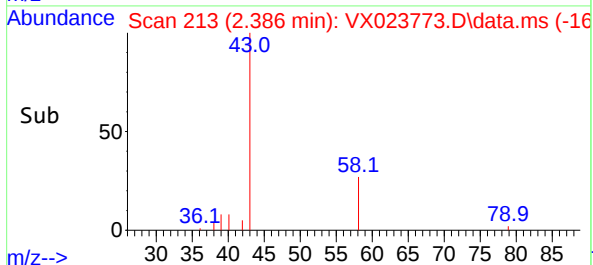
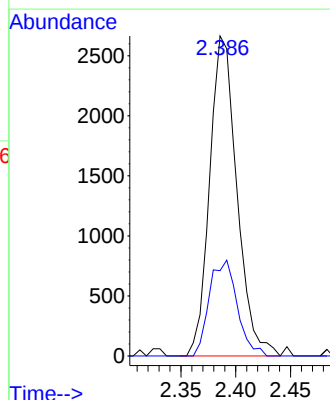
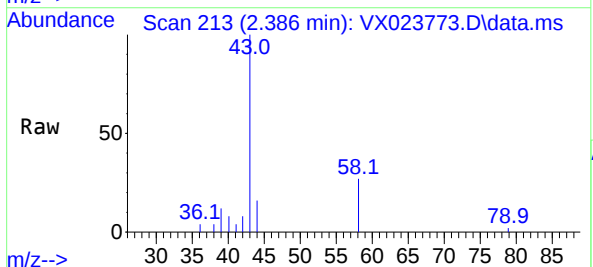
Instrument :  
MSVOA\_X  
ClientSampleId :  
CRT-17

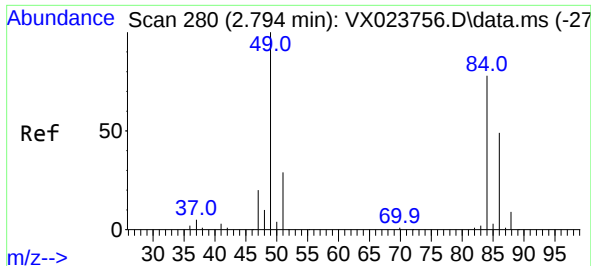
Tgt Ion:168 Resp: 139952  
Ion Ratio Lower Upper  
168 100  
99 60.5 45.8 68.6



#16  
Acetone  
Concen: 5.280 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX023773.D  
Acq: 17 Aug 2021 19:14

Tgt Ion: 43 Resp: 4611  
Ion Ratio Lower Upper  
43 100  
58 26.6 27.8 41.8#



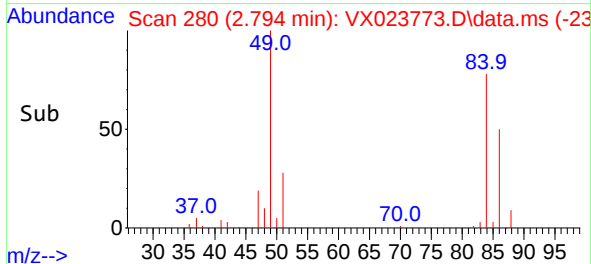
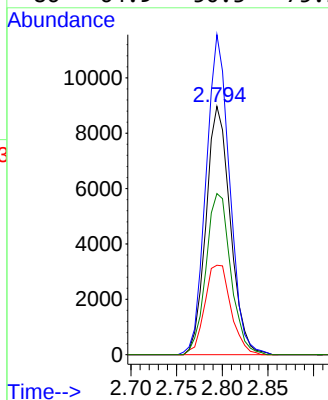
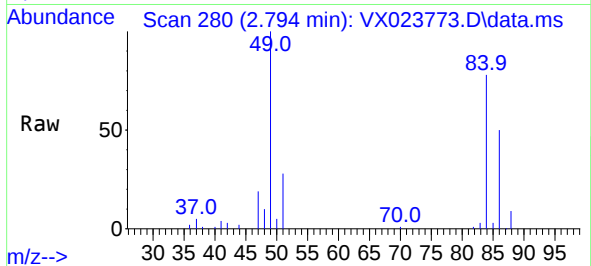


#20  
Methylene Chloride  
Concen: 9.935 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX023773.D  
Acq: 17 Aug 2021 19:14

Instrument :  
MSVOA\_X  
ClientSampleId :  
CRT-17

Tgt Ion: 84 Resp: 16574

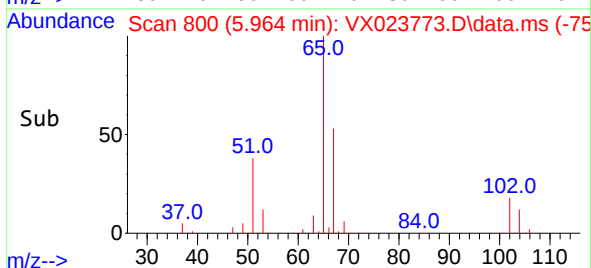
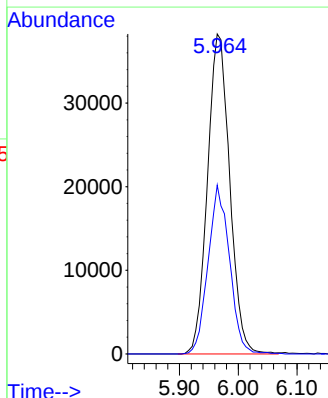
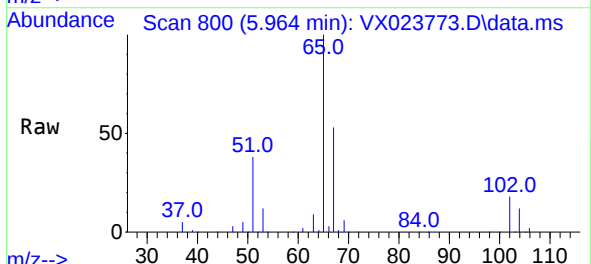
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 128.9 | 88.6  | 132.8 |
| 51  | 36.0  | 27.0  | 40.6  |
| 86  | 64.9  | 50.3  | 75.5  |

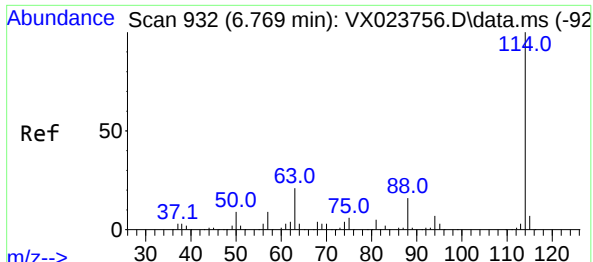


#33  
1,2-Dichloroethane-d4  
Concen: 51.585 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023773.D  
Acq: 17 Aug 2021 19:14

Tgt Ion: 65 Resp: 100761

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 50.7  | 0.0   | 105.4 |

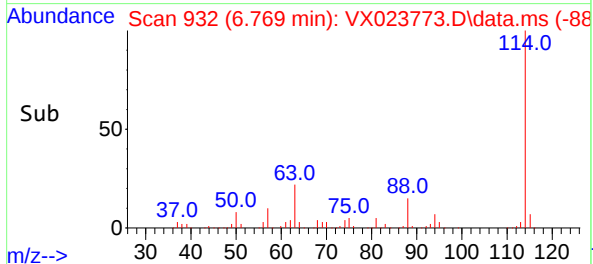
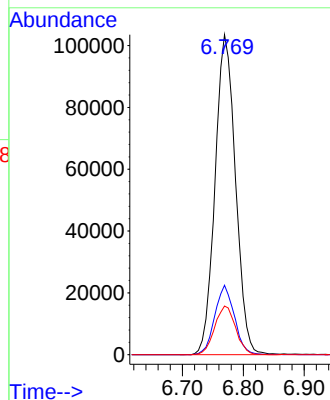
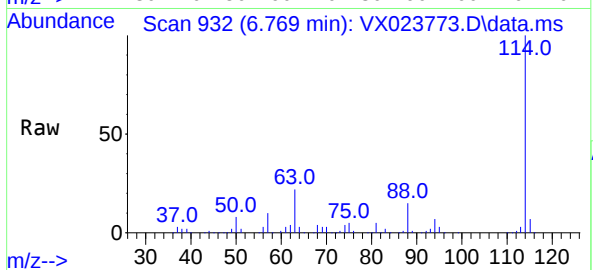




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023773.D  
Acq: 17 Aug 2021 19:14

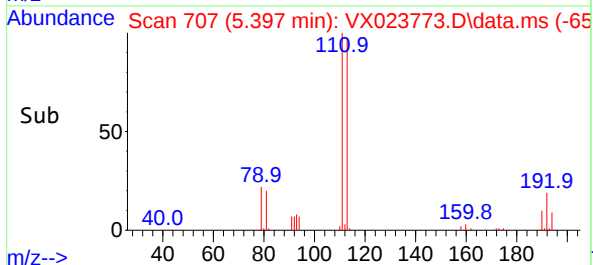
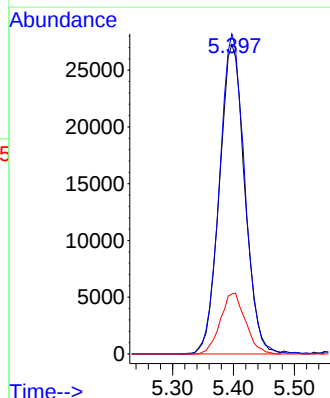
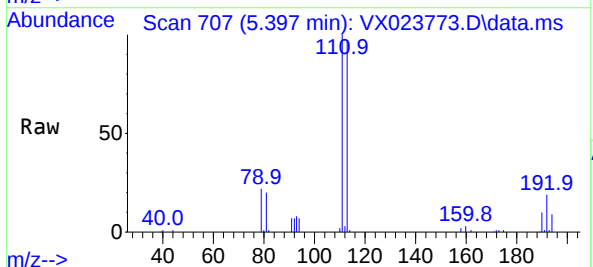
Instrument :  
MSVOA\_X  
ClientSampled :  
CRT-17

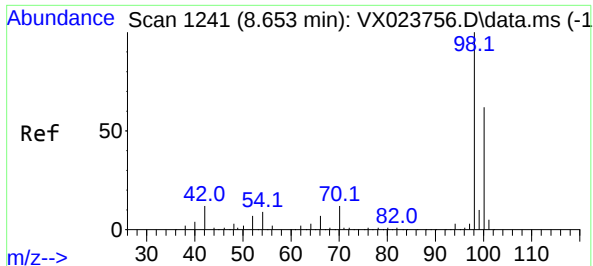
Tgt Ion:114 Resp: 241611  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 40.8  
88 15.2 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 49.166 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX023773.D  
Acq: 17 Aug 2021 19:14

Tgt Ion:113 Resp: 78624  
Ion Ratio Lower Upper  
113 100  
111 102.6 81.9 122.9  
192 19.4 16.7 25.1





#50

Toluene-d8

Concen: 48.421 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023773.D

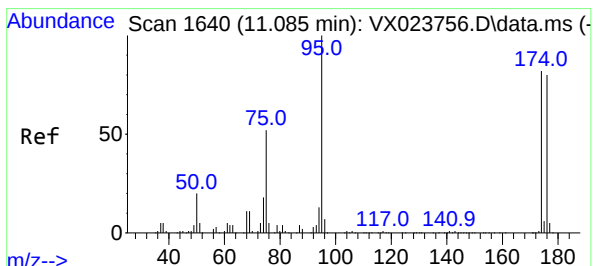
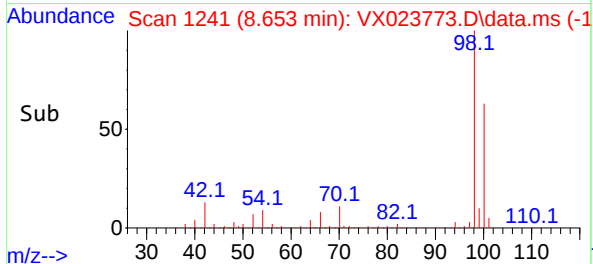
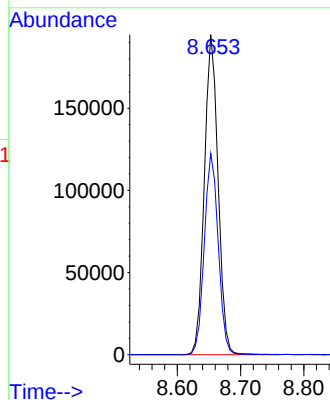
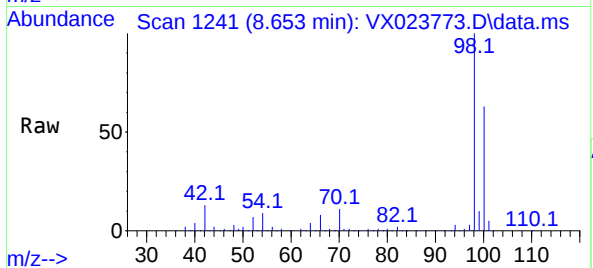
Acq: 17 Aug 2021 19:14

Tgt Ion: 98 Resp: 294712

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.560 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023773.D

Acq: 17 Aug 2021 19:14

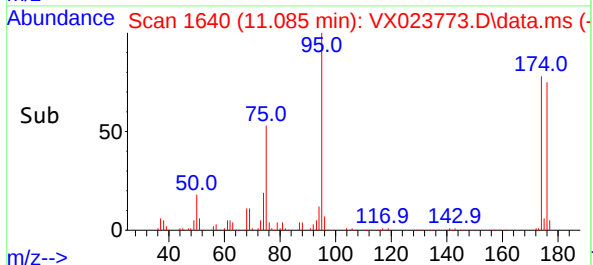
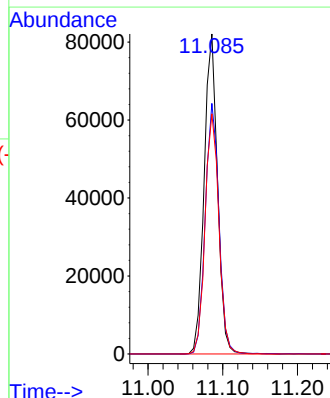
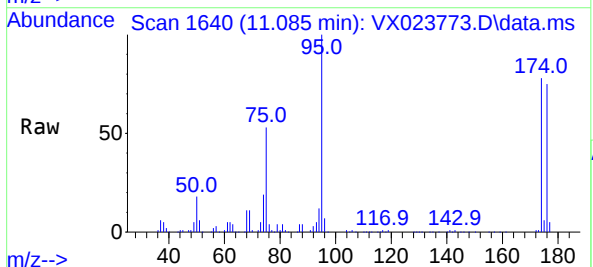
Tgt Ion: 95 Resp: 102083

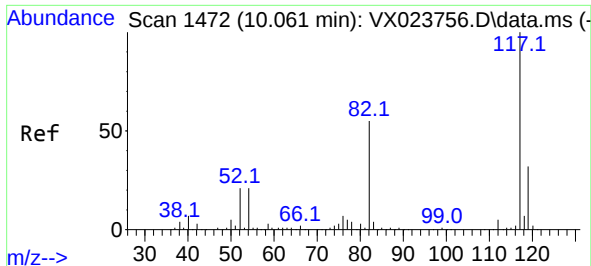
Ion Ratio Lower Upper

95 100

174 79.9 0.0 154.6

176 77.2 0.0 155.8

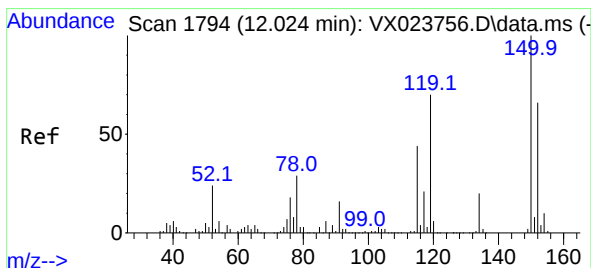
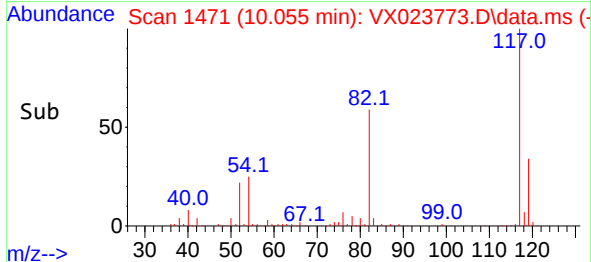
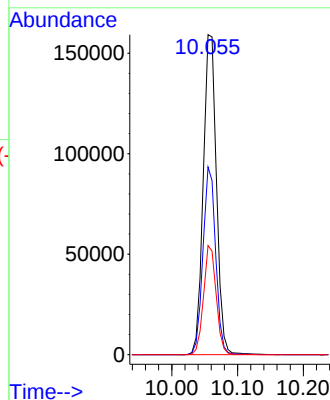
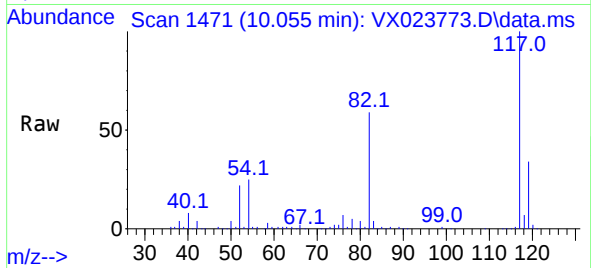




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX023773.D  
Acq: 17 Aug 2021 19:14

Instrument :  
MSVOA\_X  
ClientSampled :  
CRT-17

Tgt Ion:117 Resp: 222743  
Ion Ratio Lower Upper  
117 100  
82 58.6 47.4 71.2  
119 34.1 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: VX023773.D  
Acq: 17 Aug 2021 19:14

Tgt Ion:152 Resp: 94253  
Ion Ratio Lower Upper  
152 100  
115 58.4 41.1 123.3  
150 156.5 0.0 349.0

