

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101022\  
 Data File : VX032012.D  
 Acq On : 10 Oct 2022 15:08  
 Operator : JC/MD  
 Sample : N5033-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 596C-2

Quant Time: Oct 11 05:11:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 14:28:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 65830    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 99137    | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 106375   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 61675    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 67365    | 49.550   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 99.100%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 54480    | 48.549   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 97.100%  |
| 50) Toluene-d8              | 8.647  | 98    | 201579   | 49.921   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 99.840%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 64498    | 45.181   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 90.360%  |

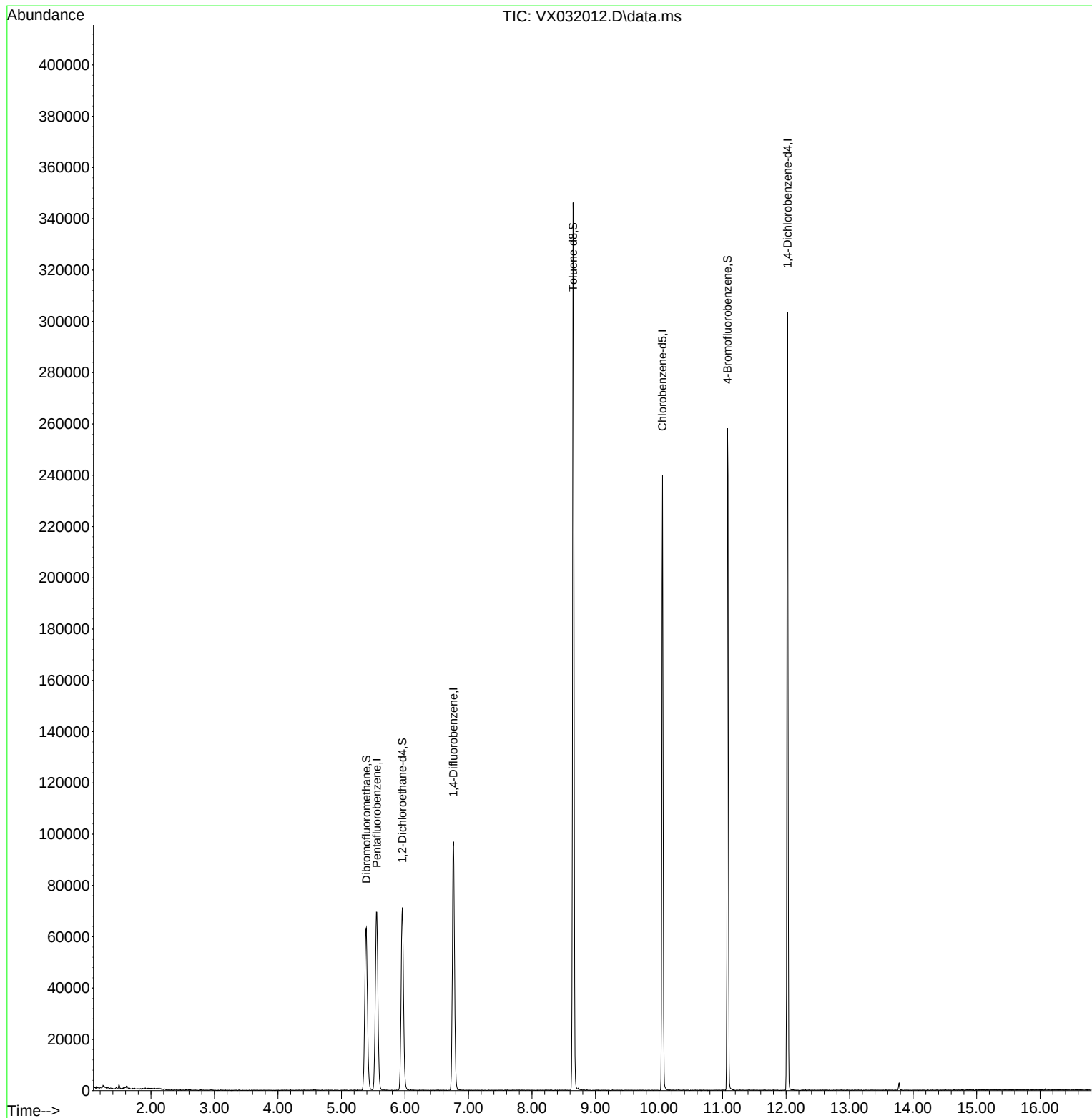
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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QLast Update : Thu Oct 06 14:28:46 2022  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: VX032012.D  
Acq: 10 Oct 2022 15:08

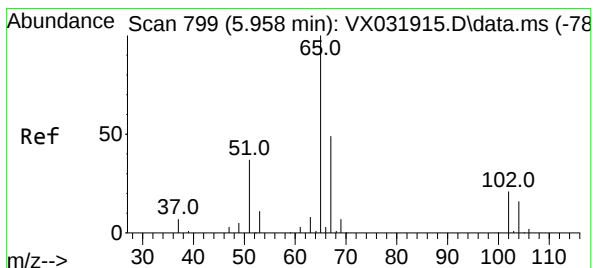
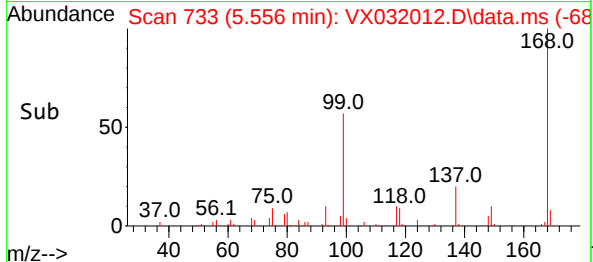
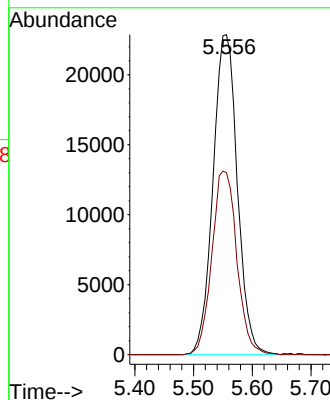
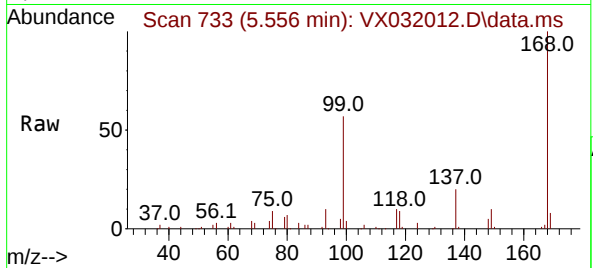
Instrument :

MSVOA\_X

ClientSampleId :

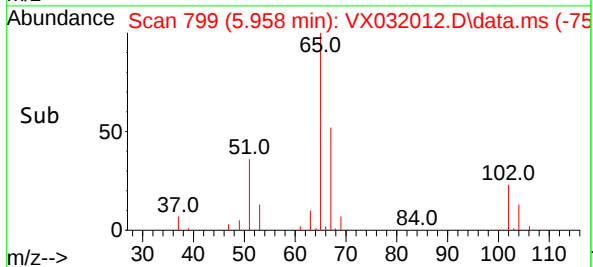
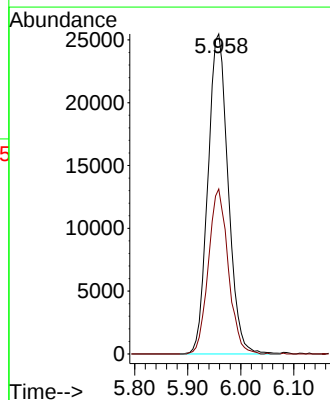
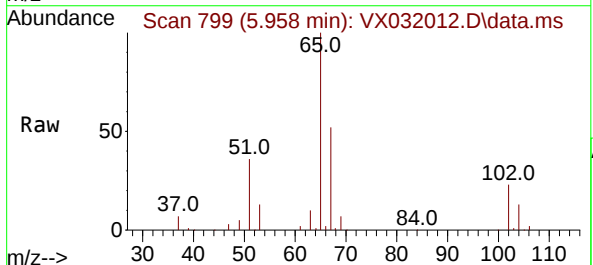
596C-2

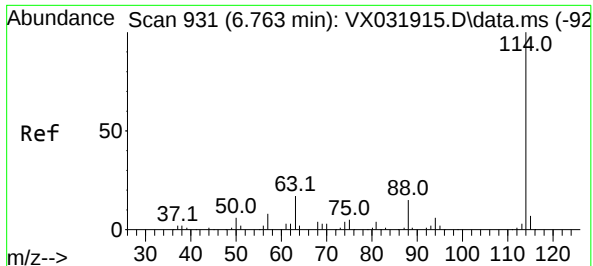
Tgt Ion:168 Resp: 65830  
Ion Ratio Lower Upper  
168 100  
99 56.9 48.8 73.2



#33  
1,2-Dichloroethane-d4  
Concen: 49.550 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX032012.D  
Acq: 10 Oct 2022 15:08

Tgt Ion: 65 Resp: 67365  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 102.4

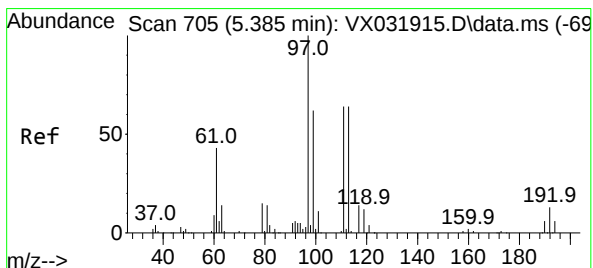
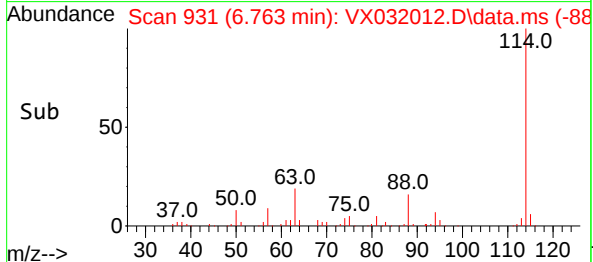
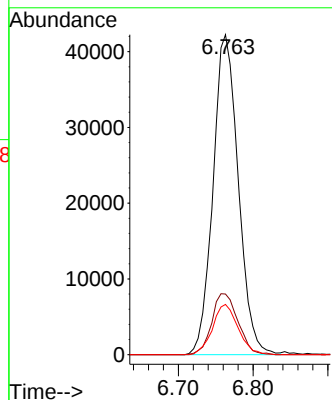
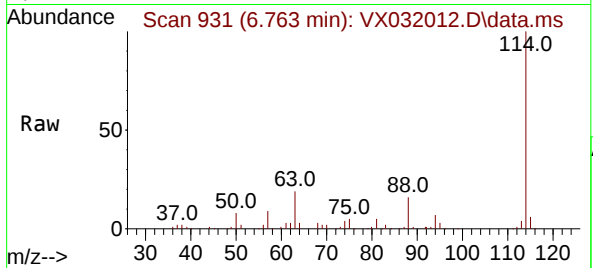




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX032012.D  
Acq: 10 Oct 2022 15:08

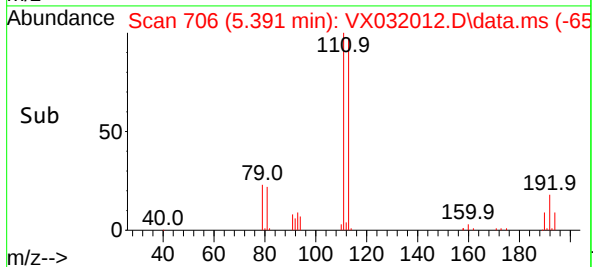
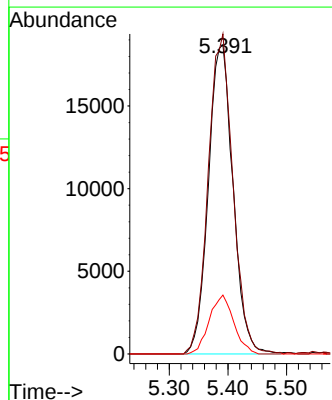
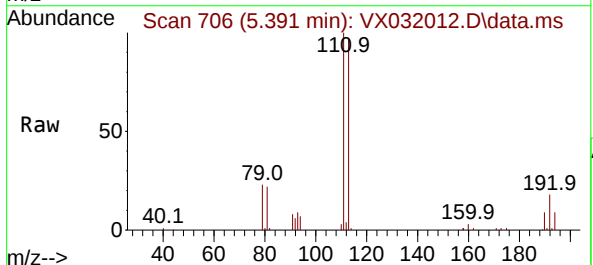
Instrument :  
MSVOA\_X  
ClientSampleId :  
596C-2

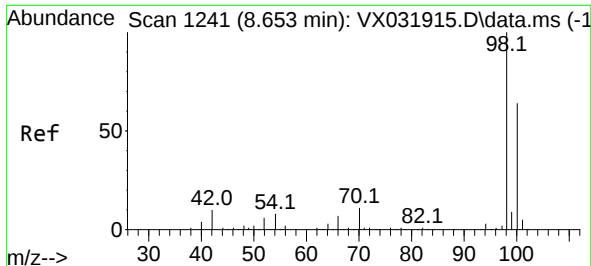
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 114   | Resp: | 99137 |
| Ion Ratio | Lower | Upper |       |
| 114       | 100   |       |       |
| 63        | 19.0  | 0.0   | 42.6  |
| 88        | 15.7  | 0.0   | 33.0  |



#35  
Dibromofluoromethane  
Concen: 48.549 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX032012.D  
Acq: 10 Oct 2022 15:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 54480 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 103.6 | 82.4  | 123.6 |
| 192       | 18.9  | 14.1  | 21.1  |

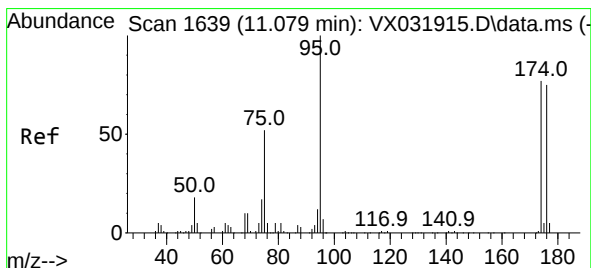
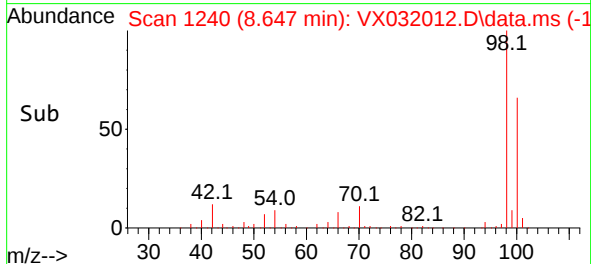
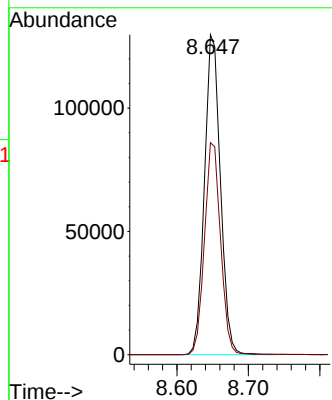
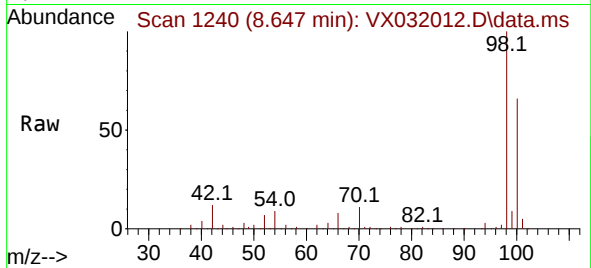




#50  
Toluene-d8  
Concen: 49.921 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX032012.D  
Acq: 10 Oct 2022 15:08

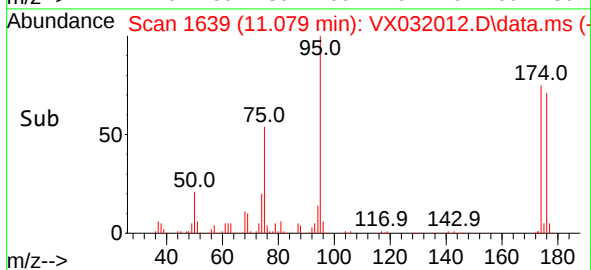
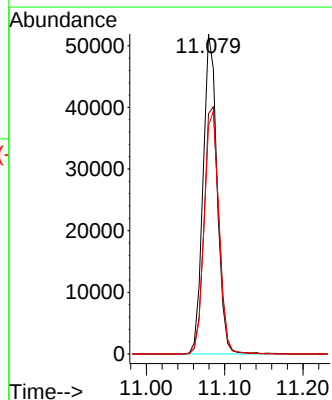
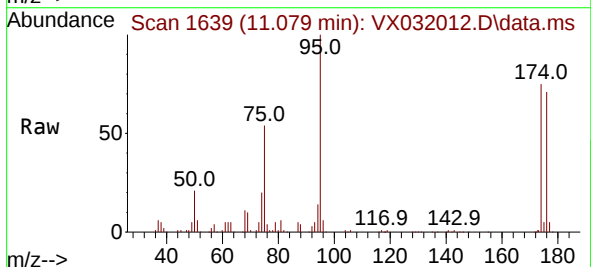
Instrument :  
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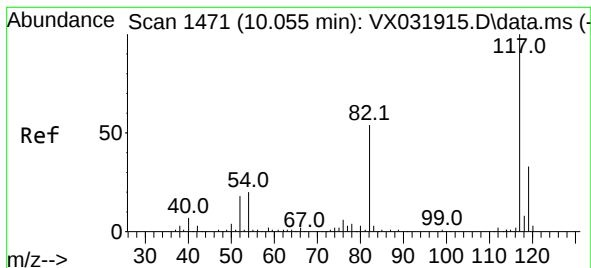
Tgt Ion: 98 Resp: 201579  
Ion Ratio Lower Upper  
98 100  
100 66.7 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 45.181 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX032012.D  
Acq: 10 Oct 2022 15:08

Tgt Ion: 95 Resp: 64498  
Ion Ratio Lower Upper  
95 100  
174 81.6 0.0 153.2  
176 79.8 0.0 144.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032012.D

Acq: 10 Oct 2022 15:08

Instrument :

MSVOA\_X

ClientSampleId :

596C-2

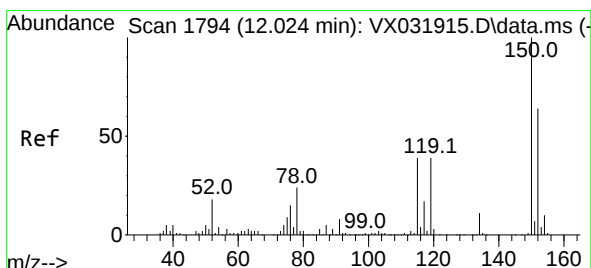
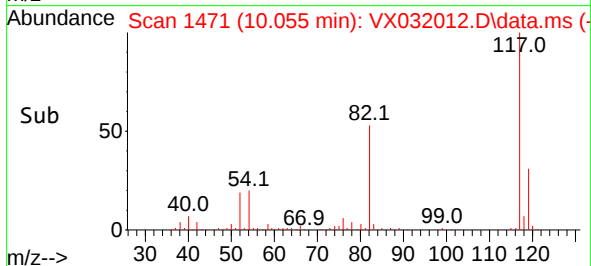
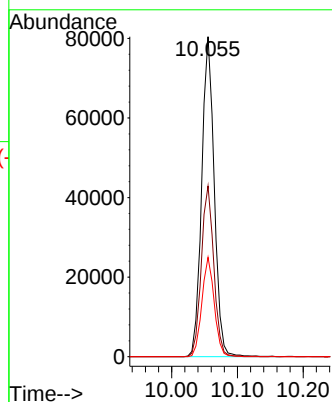
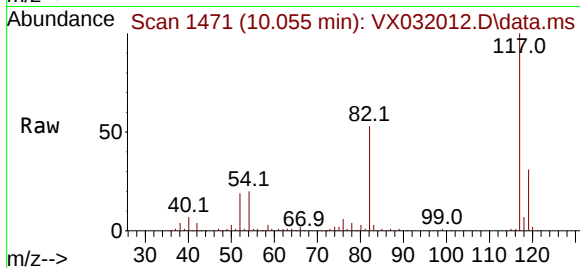
Tgt Ion:117 Resp: 106375

Ion Ratio Lower Upper

117 100

82 53.4 46.8 70.2

119 31.0 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032012.D

Acq: 10 Oct 2022 15:08

Tgt Ion:152 Resp: 61675

Ion Ratio Lower Upper

152 100

115 60.8 43.4 130.1

150 155.5 0.0 346.8

