

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051821\  
 Data File : VX022070.D  
 Acq On : 18 May 2021 23:16  
 Operator : JC/MD  
 Sample : VX0518WBL03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0518WBL03

Quant Time: May 19 09:16:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051821W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 05:14:43 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 71889    | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 162616   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 171741   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 77242    | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 69674    | 23.67    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 47.34%#  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 59475    | 22.47    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 44.94%#  |
| 50) Toluene-d8              | 8.653  | 98    | 233192   | 22.96    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 45.92%#  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 99780    | 26.36    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 52.72%#  |

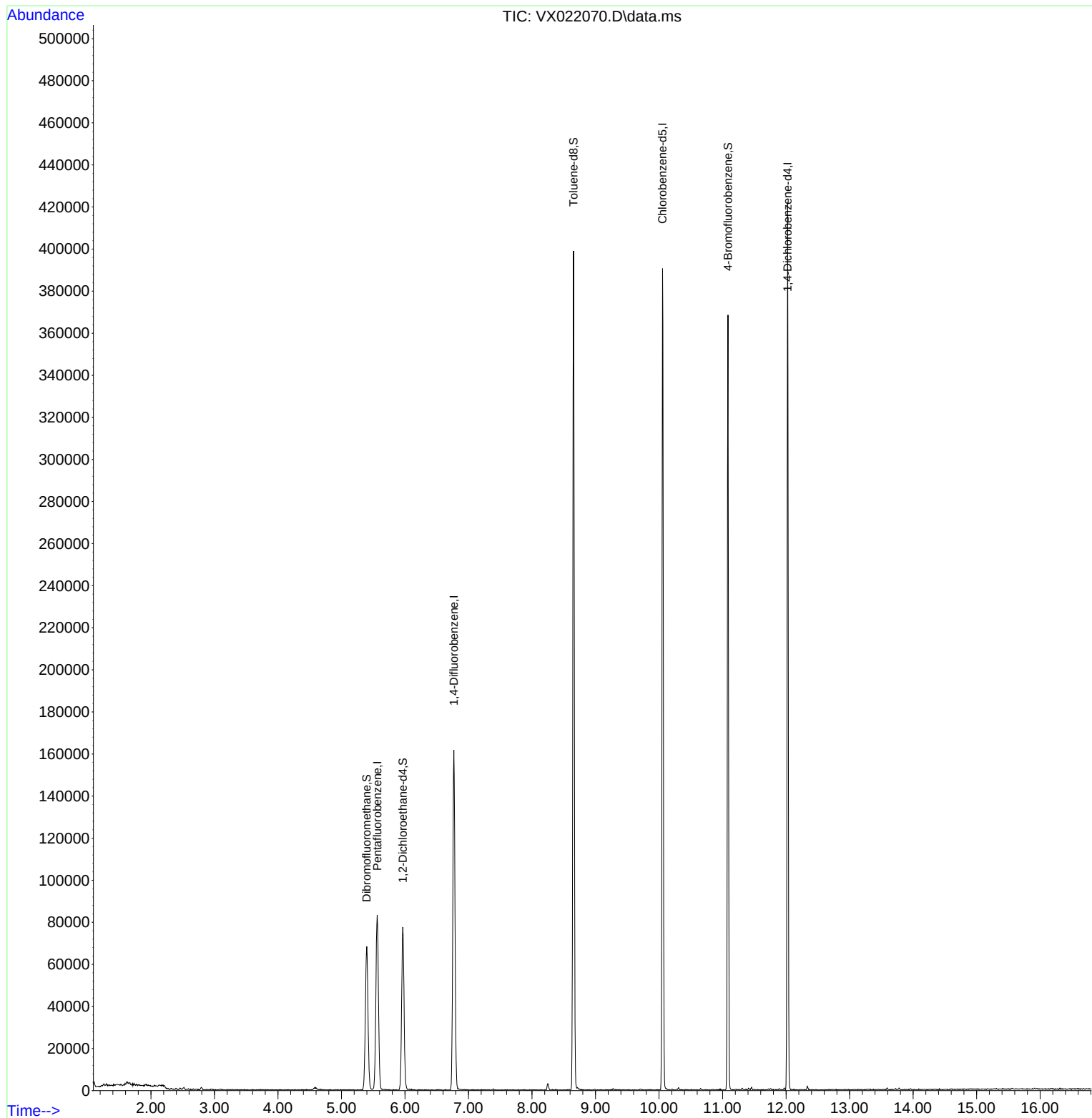
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

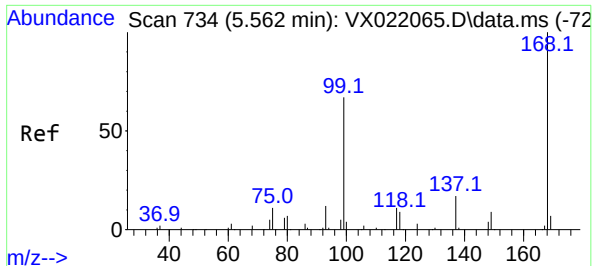
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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ClientSampleId :  
VX0518WBL03

Quant Time: May 19 09:16:03 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051821W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 05:14:43 2021  
Response via : Initial Calibration

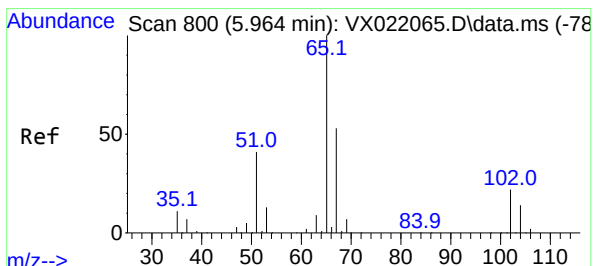
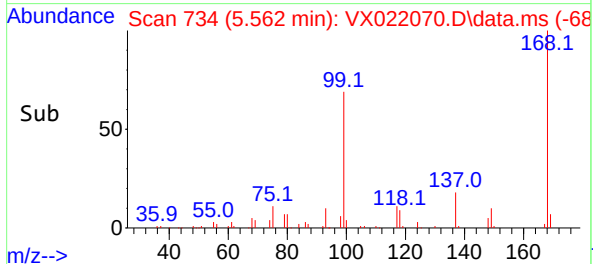
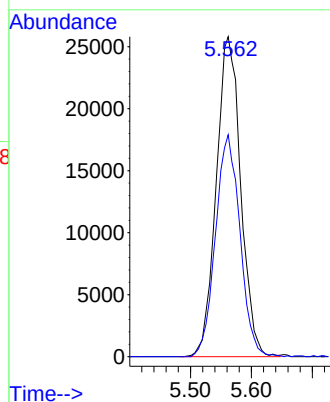
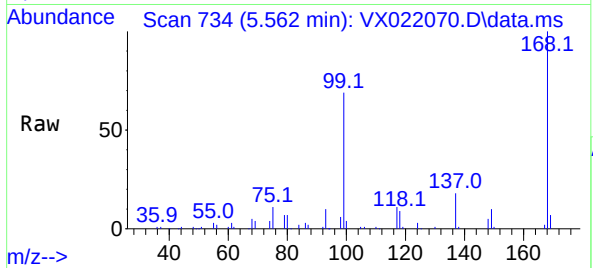




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022070.D  
Acq: 18 May 2021 23:16

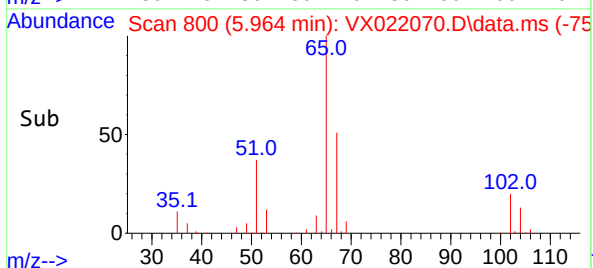
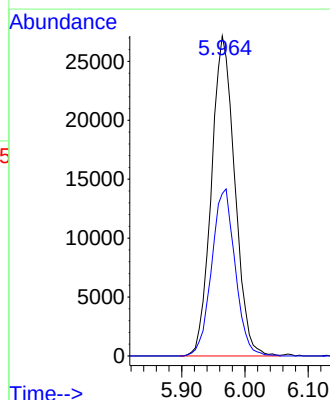
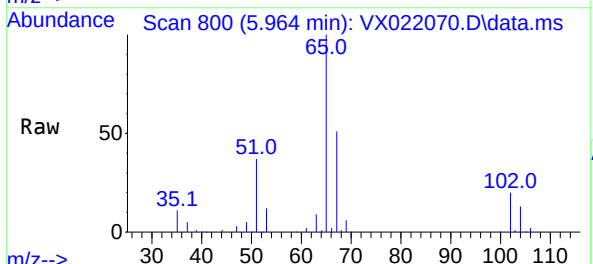
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0518WBL03

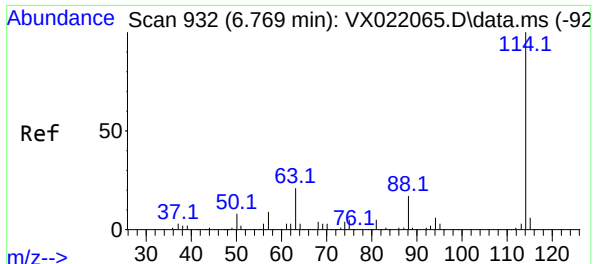
Tgt Ion:168 Resp: 71889  
Ion Ratio Lower Upper  
168 100  
99 69.3 53.7 80.5



#33  
1,2-Dichloroethane-d4  
Concen: 23.67 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VX022070.D  
Acq: 18 May 2021 23:16

Tgt Ion: 65 Resp: 69674  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 106.4

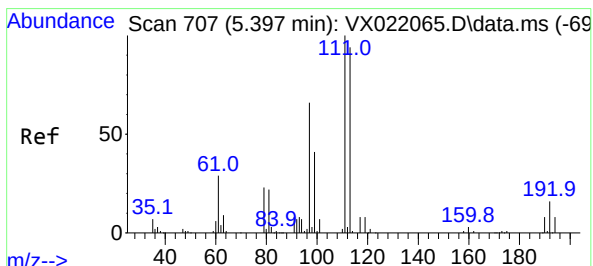
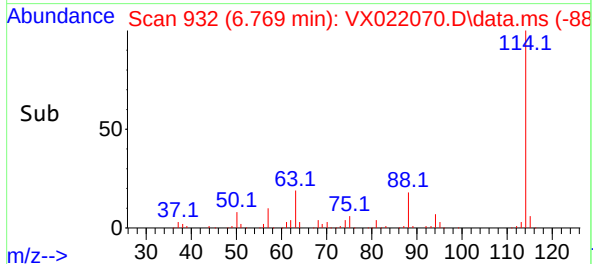
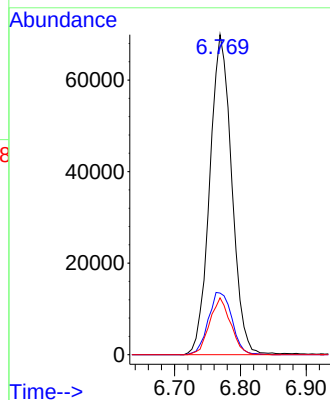
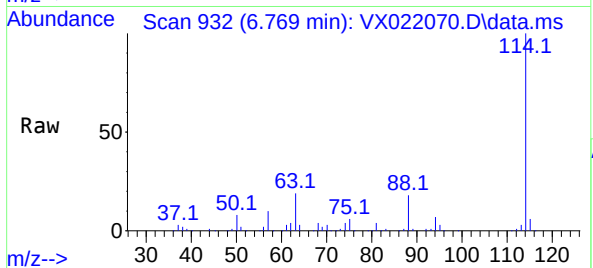




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX022070.D  
Acq: 18 May 2021 23:16

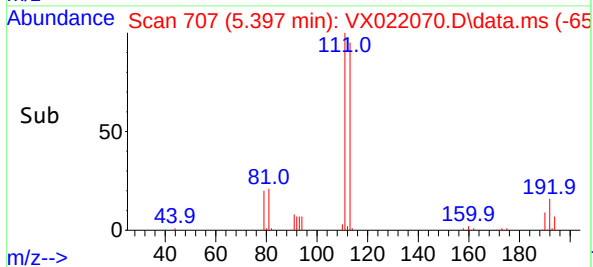
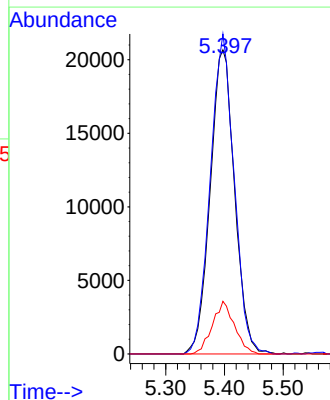
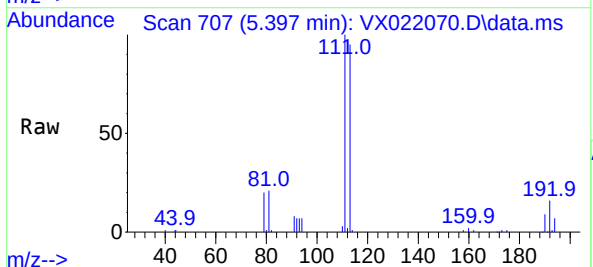
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0518WBL03

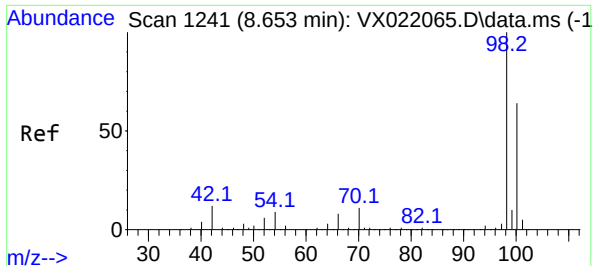
Tgt Ion:114 Resp: 162616  
Ion Ratio Lower Upper  
114 100  
63 19.3 0.0 41.4  
88 17.8 0.0 34.0



#35  
Dibromofluoromethane  
Concen: 22.47 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VX022070.D  
Acq: 18 May 2021 23:16

Tgt Ion:113 Resp: 59475  
Ion Ratio Lower Upper  
113 100  
111 103.0 83.8 125.6  
192 15.7 13.1 19.7

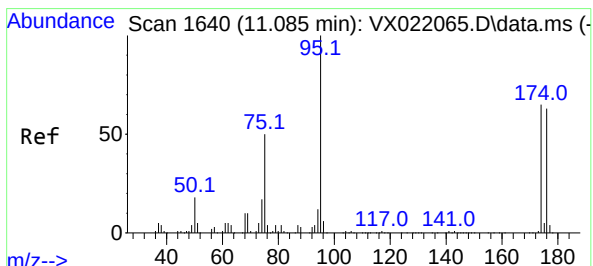
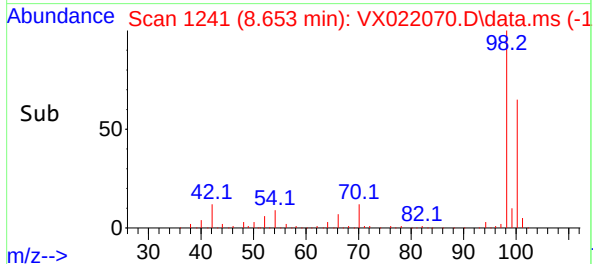
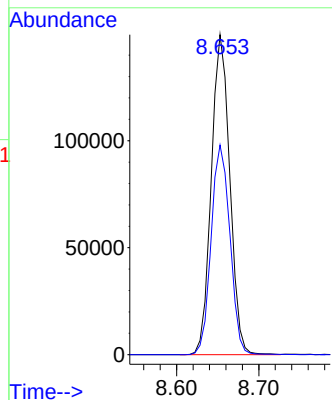
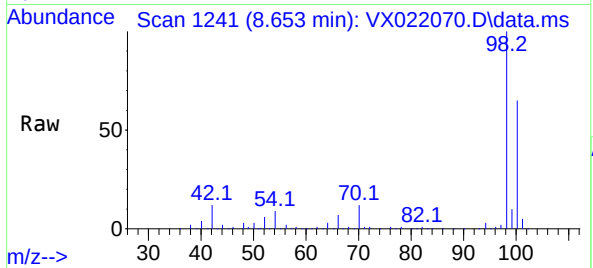




#50  
Toluene-d8  
Concen: 22.96 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022070.D  
Acq: 18 May 2021 23:16

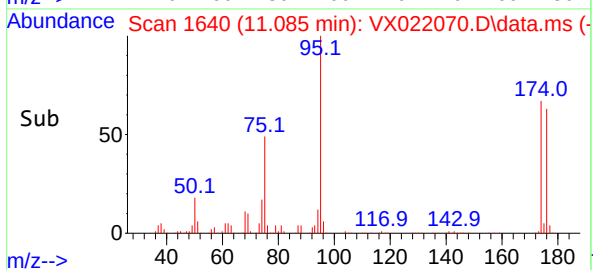
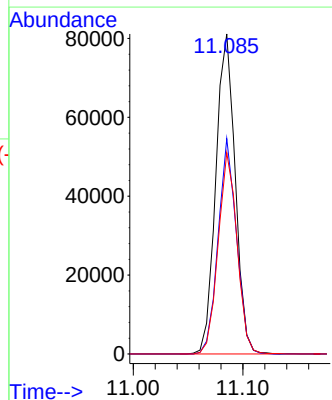
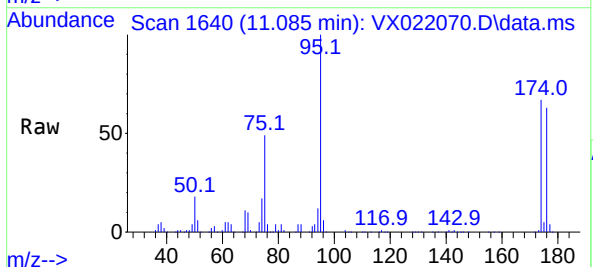
Instrument :  
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VX0518WBL03

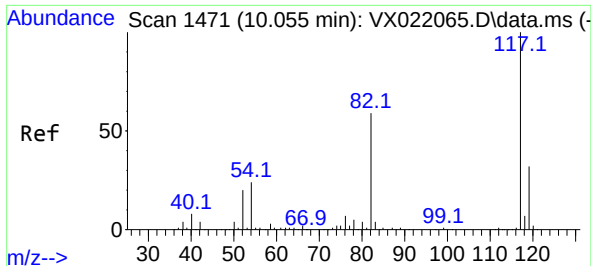
Tgt Ion: 98 Resp: 233192  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.8 79.2



#62  
4-Bromofluorobenzene  
Concen: 26.36 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.000 min  
Lab File: VX022070.D  
Acq: 18 May 2021 23:16

Tgt Ion: 95 Resp: 99780  
Ion Ratio Lower Upper  
95 100  
174 63.7 0.0 128.8  
176 61.3 0.0 125.8

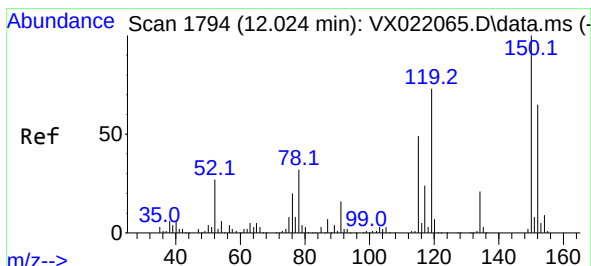
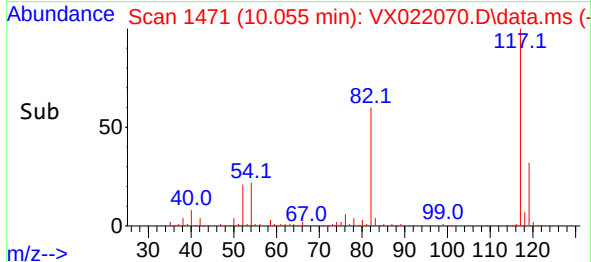
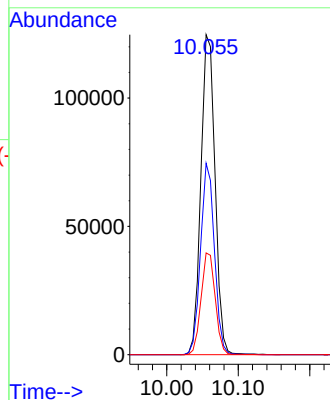
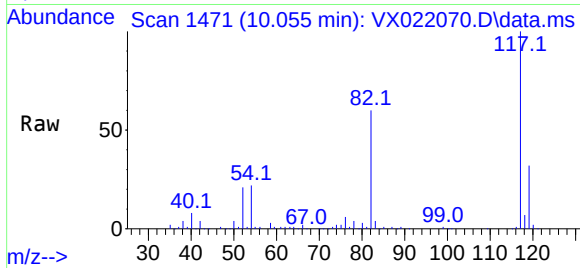




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX022070.D  
Acq: 18 May 2021 23:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0518WBL03

Tgt Ion:117 Resp: 171741  
Ion Ratio Lower Upper  
117 100  
82 59.8 47.6 71.4  
119 31.8 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022070.D  
Acq: 18 May 2021 23:16

Tgt Ion:152 Resp: 77242  
Ion Ratio Lower Upper  
152 100  
115 64.8 46.4 139.2  
150 158.2 0.0 349.8

