

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082522\  
 Data File : VX030787.D  
 Acq On : 25 Aug 2022 21:54  
 Operator : JC/MD  
 Sample : VX0825WBL02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0825WBL02

Quant Time: Aug 26 02:42:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X082522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 26 02:03:28 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 233655   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 385357   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 343269   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 147307   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 138125   | 50.256   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 100.520% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 118886   | 50.198   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 100.400% |
| 50) Toluene-d8              | 8.653  | 98    | 444988   | 53.919   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 107.840% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 149336   | 48.603   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 97.200%  |

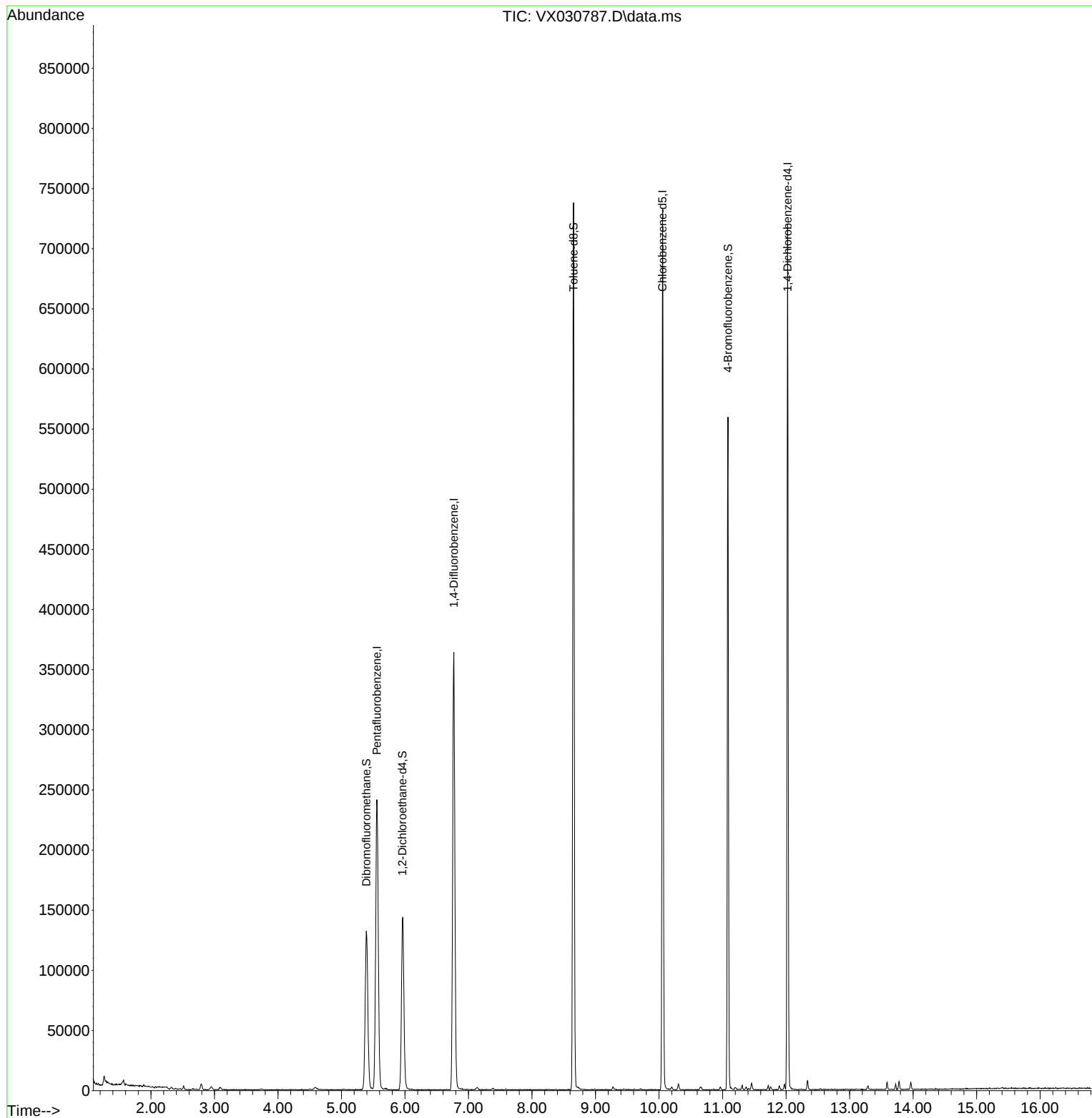
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

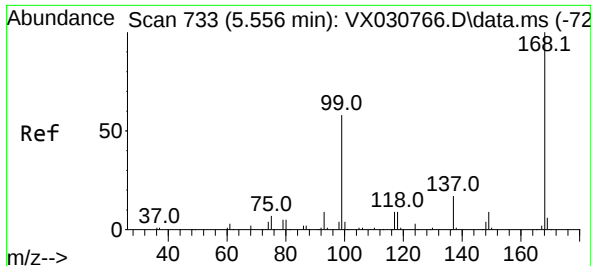
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 31 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X082522W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 26 02:03:28 2022  
Response via : Initial Calibration

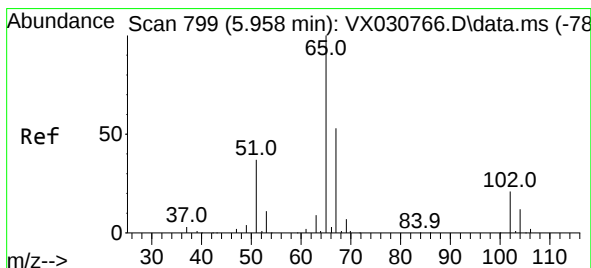
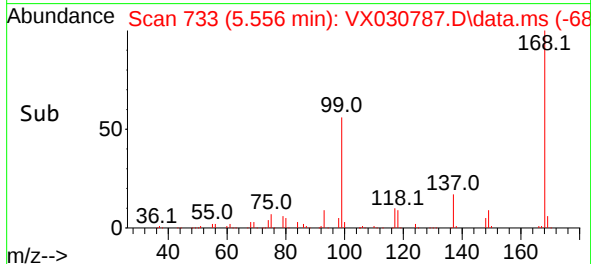
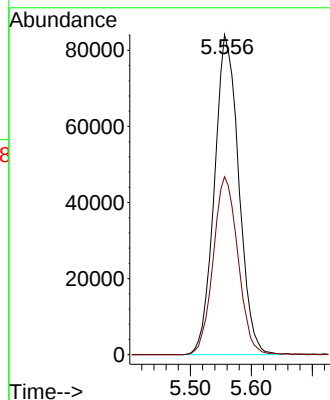
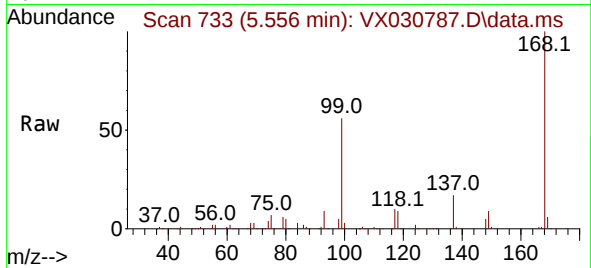




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX030787.D  
Acq: 25 Aug 2022 21:54

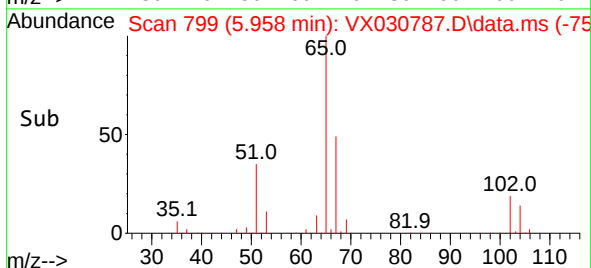
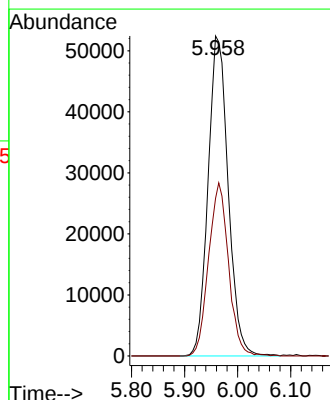
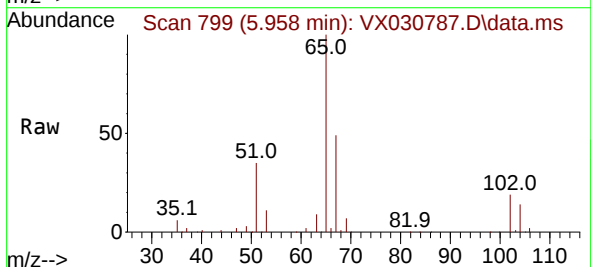
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0825WBL02

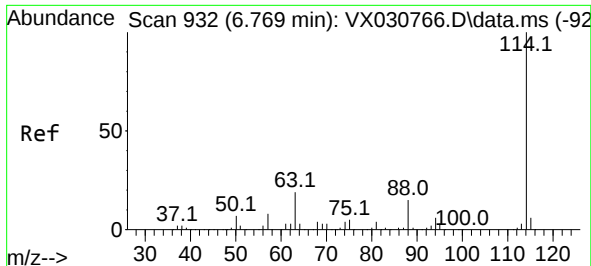
Tgt Ion:168 Resp: 233655  
Ion Ratio Lower Upper  
168 100  
99 55.6 44.0 66.0



#33  
1,2-Dichloroethane-d4  
Concen: 50.256 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX030787.D  
Acq: 25 Aug 2022 21:54

Tgt Ion: 65 Resp: 138125  
Ion Ratio Lower Upper  
65 100  
67 53.7 0.0 109.6

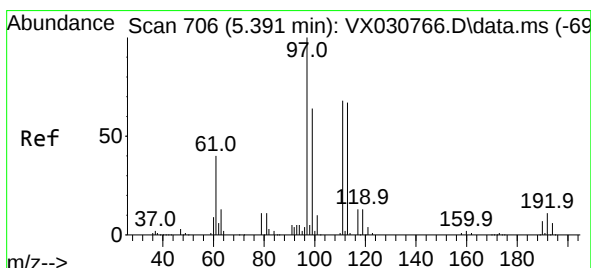
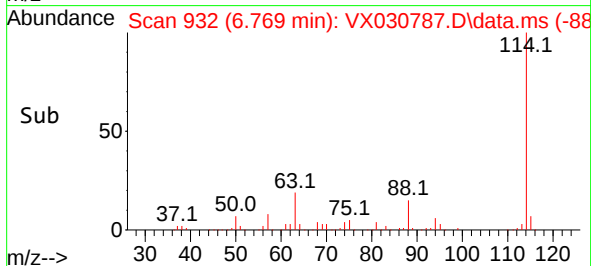
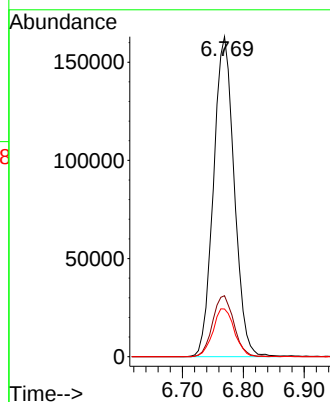
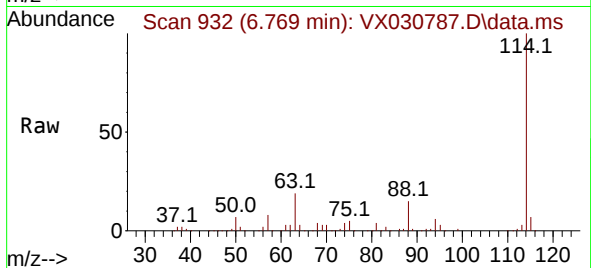




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VX030787.D  
 Acq: 25 Aug 2022 21:54

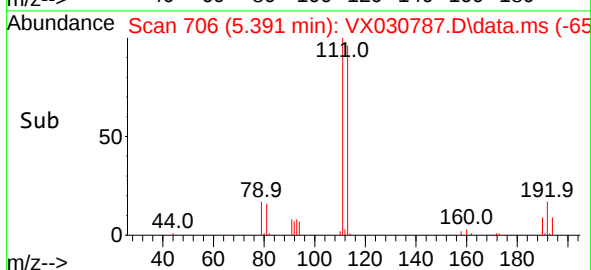
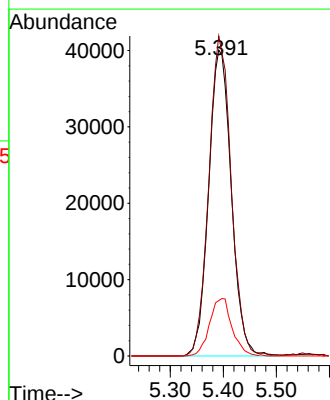
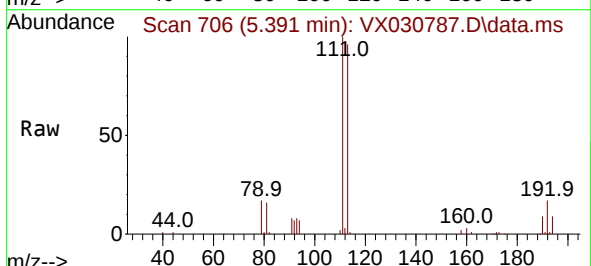
Instrument :  
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 ClientSampleId :  
 VX0825WBL02

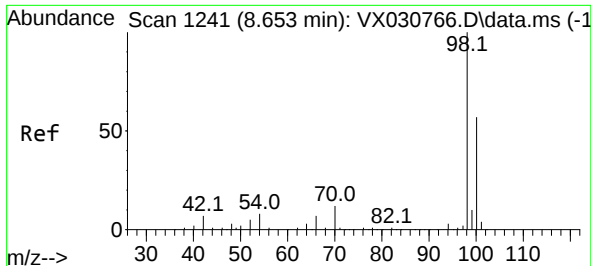
Tgt Ion:114 Resp: 385357  
 Ion Ratio Lower Upper  
 114 100  
 63 19.1 0.0 38.4  
 88 14.9 0.0 31.8



#35  
 Dibromofluoromethane  
 Concen: 50.198 ug/l  
 RT: 5.391 min Scan# 706  
 Delta R.T. 0.000 min  
 Lab File: VX030787.D  
 Acq: 25 Aug 2022 21:54

Tgt Ion:113 Resp: 118886  
 Ion Ratio Lower Upper  
 113 100  
 111 103.1 83.2 124.8  
 192 18.6 14.8 22.2

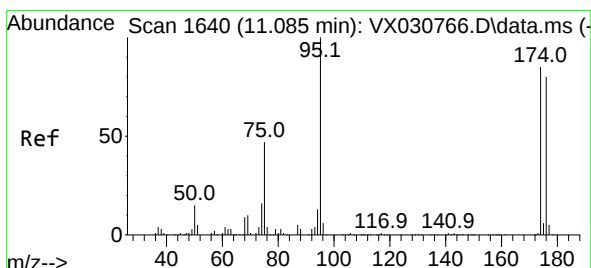
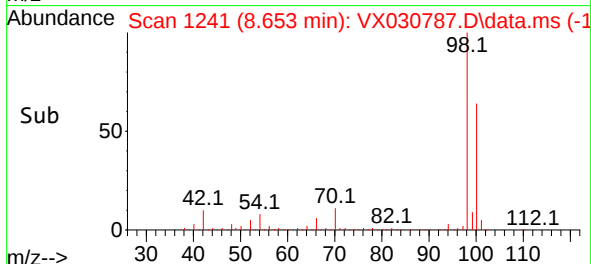
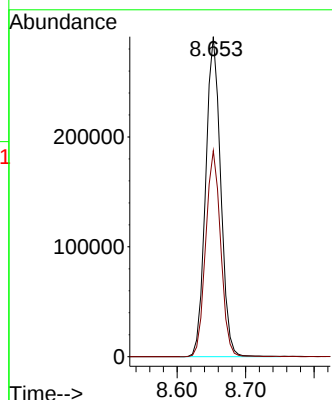
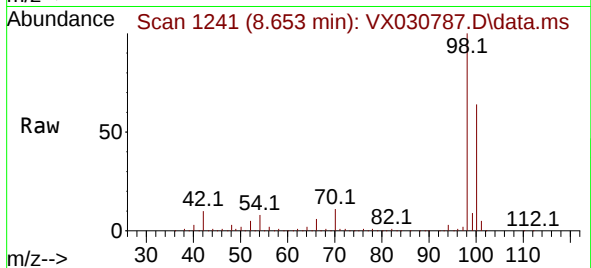




#50  
Toluene-d8  
Concen: 53.919 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX030787.D  
Acq: 25 Aug 2022 21:54

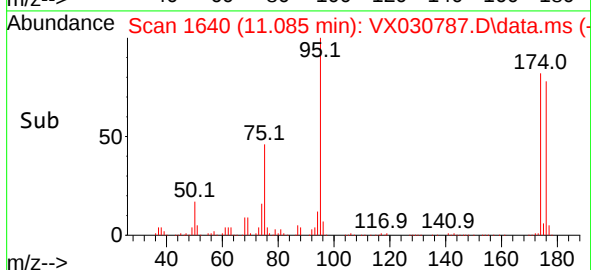
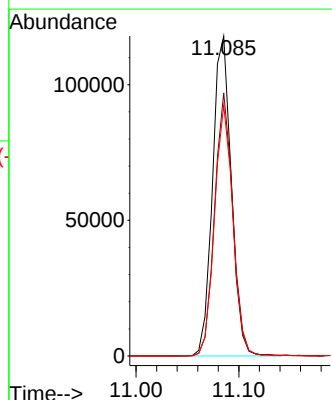
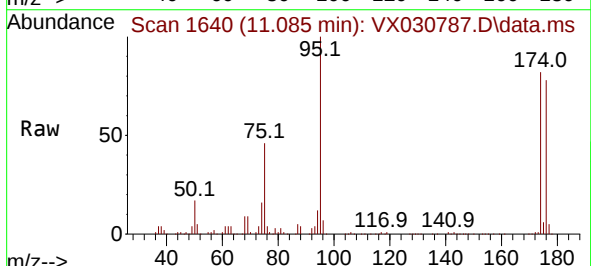
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0825WBL02

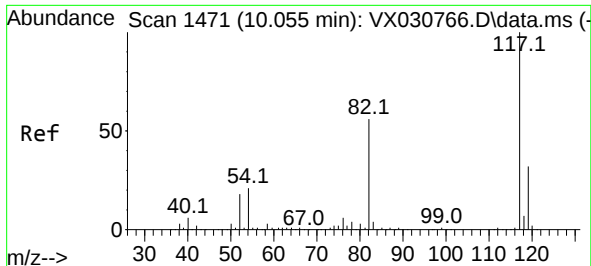
Tgt Ion: 98 Resp: 444988  
Ion Ratio Lower Upper  
98 100  
100 64.0 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 48.603 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX030787.D  
Acq: 25 Aug 2022 21:54

Tgt Ion: 95 Resp: 149336  
Ion Ratio Lower Upper  
95 100  
174 80.2 0.0 149.0  
176 76.7 0.0 146.0

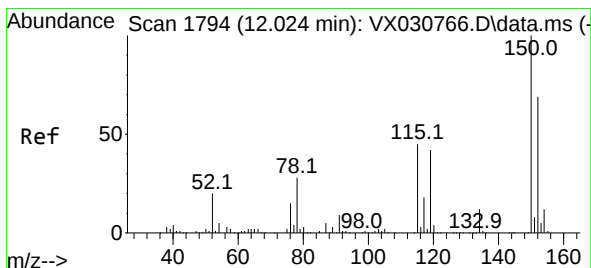
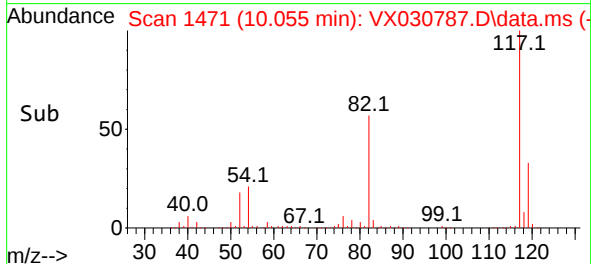
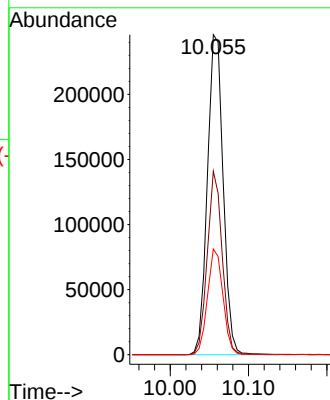
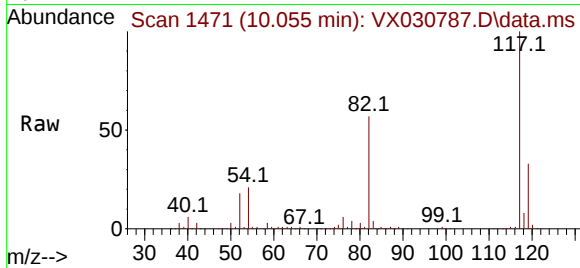




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX030787.D  
Acq: 25 Aug 2022 21:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0825WBL02

Tgt Ion:117 Resp: 343269  
Ion Ratio Lower Upper  
117 100  
82 57.3 42.7 64.1  
119 33.0 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX030787.D  
Acq: 25 Aug 2022 21:54

Tgt Ion:152 Resp: 147307  
Ion Ratio Lower Upper  
152 100  
115 61.2 40.5 121.5  
150 158.6 0.0 347.0

