

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060921\  
 Data File : VX022605.D  
 Acq On : 09 Jun 2021 11:44  
 Operator : JC/MD  
 Sample : VX0609MBL01  
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0609MBL01

Quant Time: Jun 10 05:39:18 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 07 14:27:50 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 66508    | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 136289   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 118762   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 45178    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 55052    | 46.562   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 93.120% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 40583    | 47.593   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 95.180% |
| 50) Toluene-d8              | 8.653  | 98    | 163513   | 48.059   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.120% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 56203    | 44.441   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 88.880% |

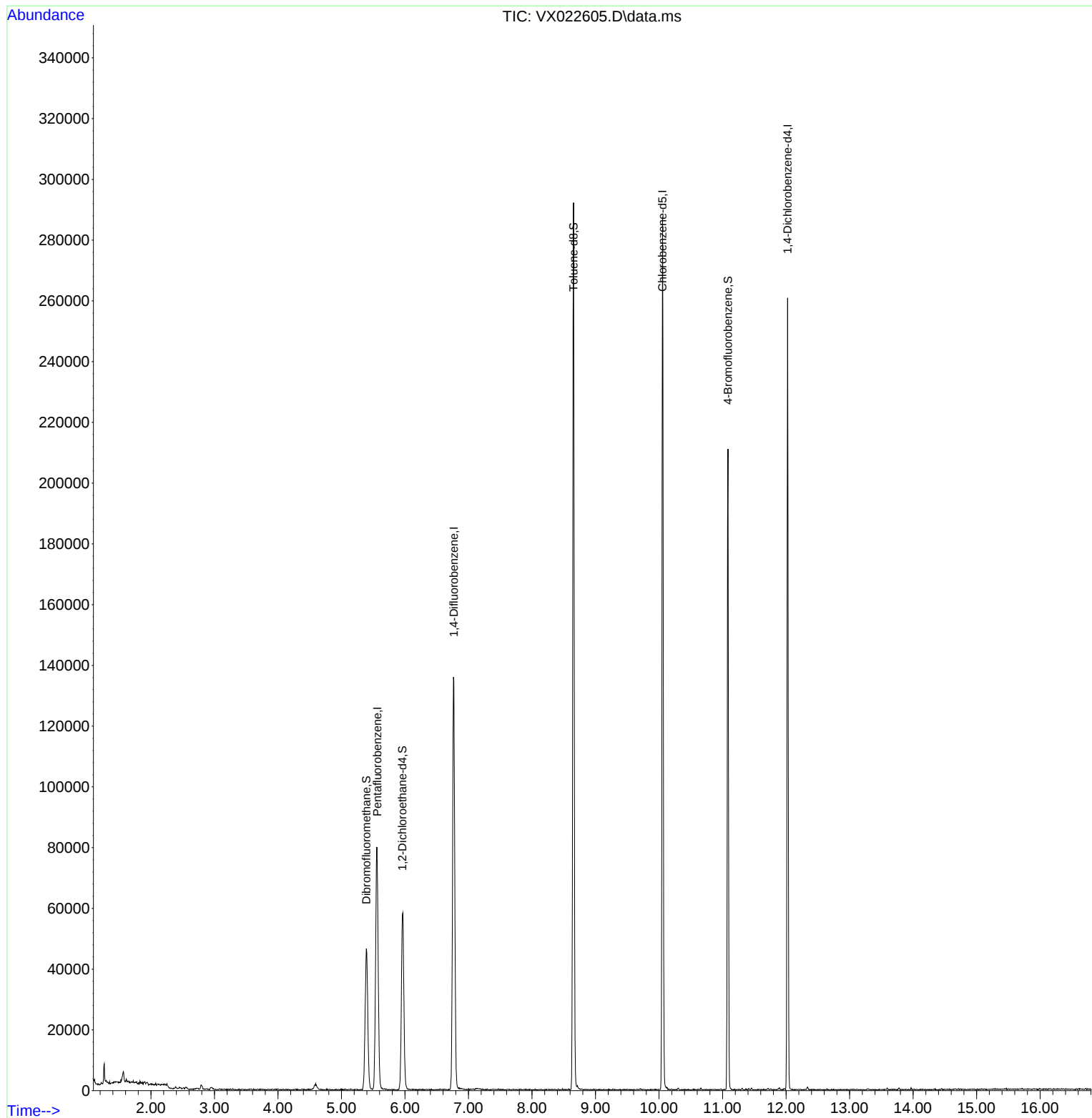
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

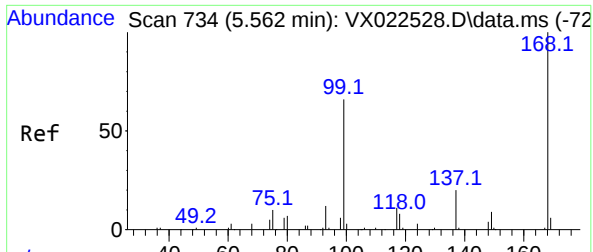
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : JC/MD  
Sample : VX0609MBL01  
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0609MBL01

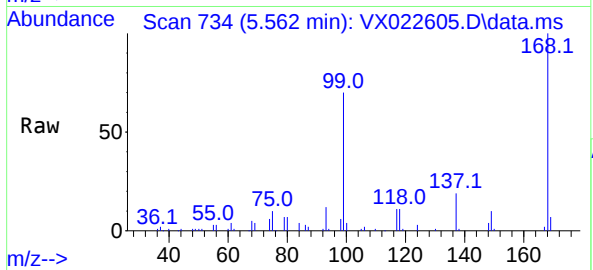
Quant Time: Jun 10 05:39:18 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 07 14:27:50 2021  
Response via : Initial Calibration



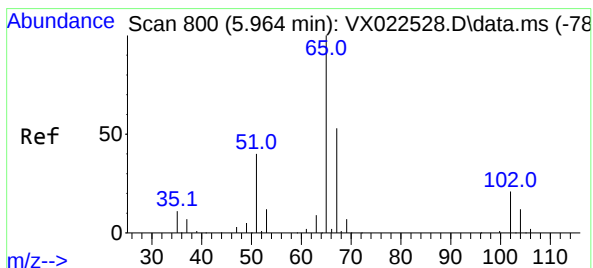
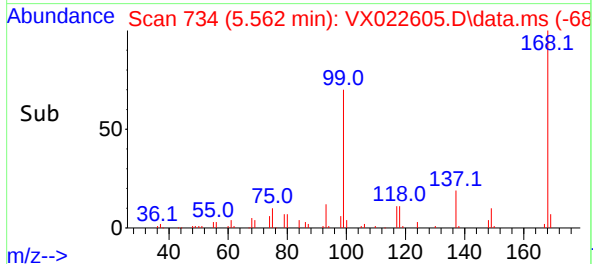
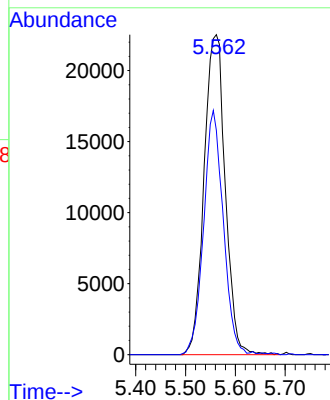


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022605.D  
Acq: 09 Jun 2021 11:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0609MBL01

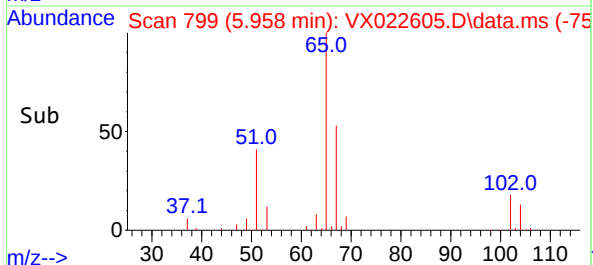
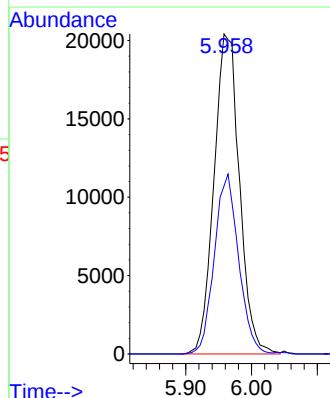
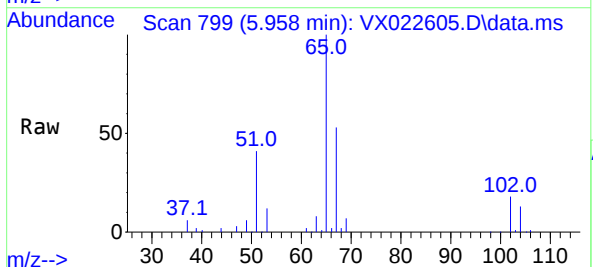


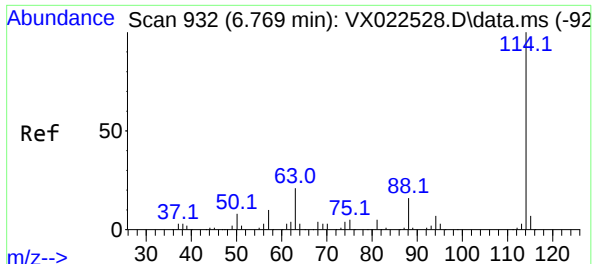
Tgt Ion:168 Resp: 66508  
Ion Ratio Lower Upper  
168 100  
99 70.1 45.8 68.6#



#33  
1,2-Dichloroethane-d4  
Concen: 46.562 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX022605.D  
Acq: 09 Jun 2021 11:44

Tgt Ion: 65 Resp: 55052  
Ion Ratio Lower Upper  
65 100  
67 53.4 0.0 105.4

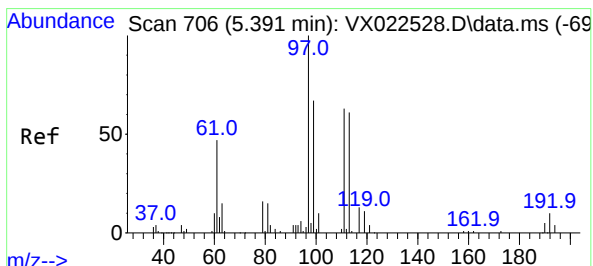
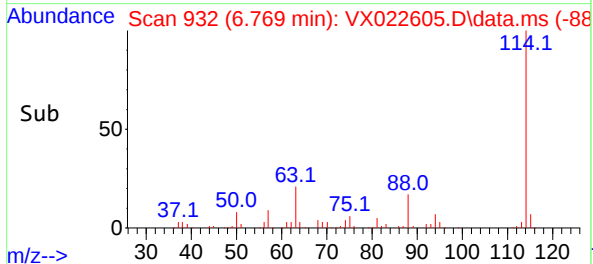
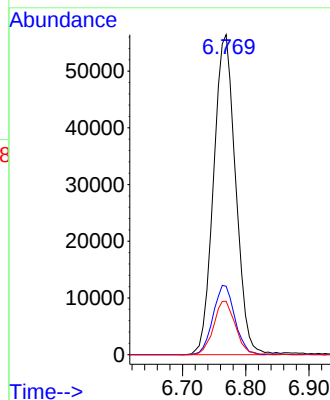
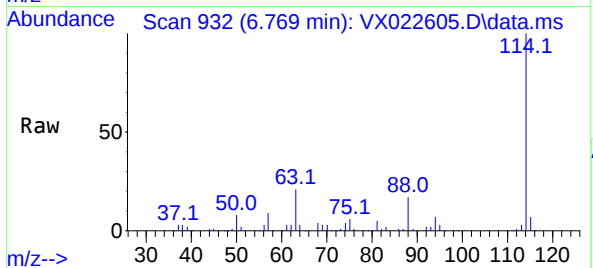




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX022605.D  
Acq: 09 Jun 2021 11:44

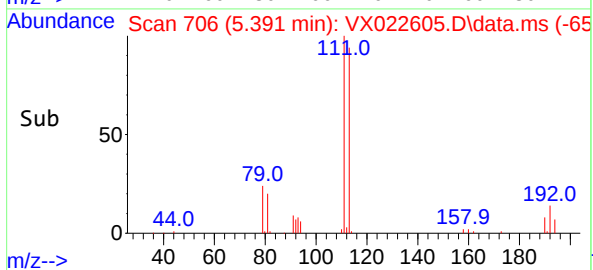
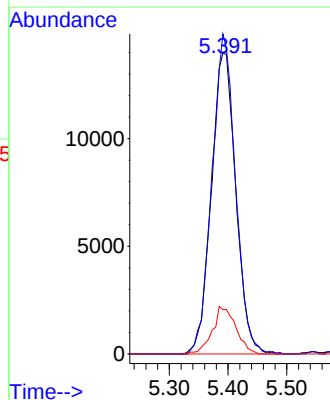
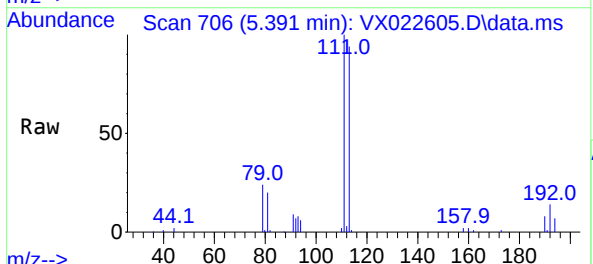
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0609MBL01

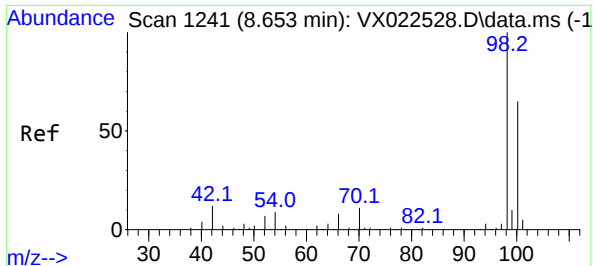
Tgt Ion:114 Resp: 136289  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 40.8  
88 16.7 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 47.593 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX022605.D  
Acq: 09 Jun 2021 11:44

Tgt Ion:113 Resp: 40583  
Ion Ratio Lower Upper  
113 100  
111 102.0 81.9 122.9  
192 15.0 16.7 25.1#

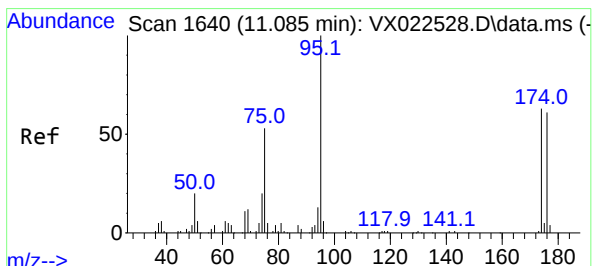
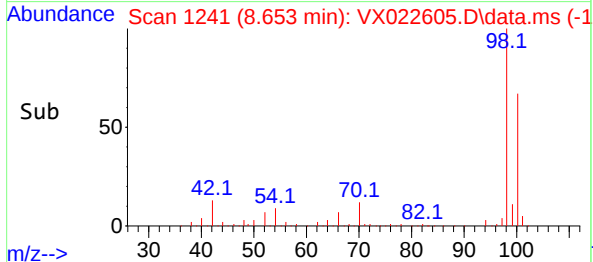
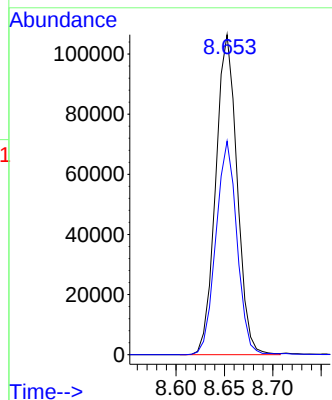
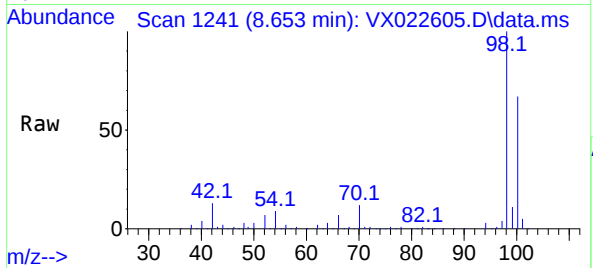




#50  
Toluene-d8  
Concen: 48.059 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022605.D  
Acq: 09 Jun 2021 11:44

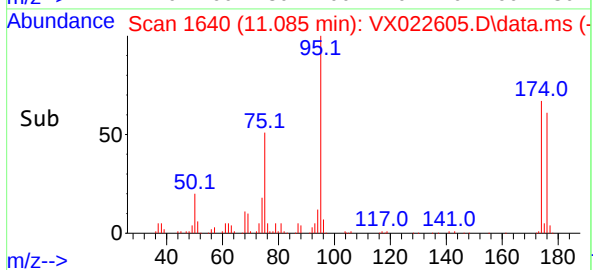
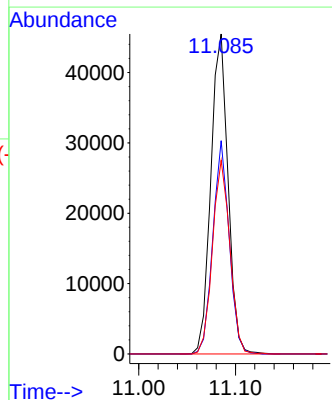
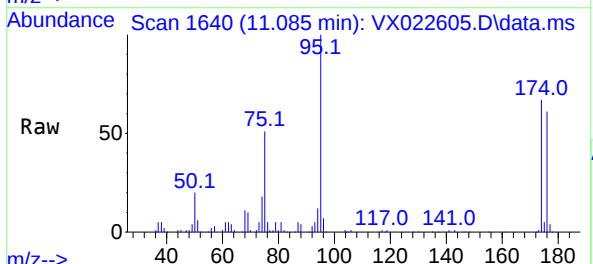
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0609MBL01

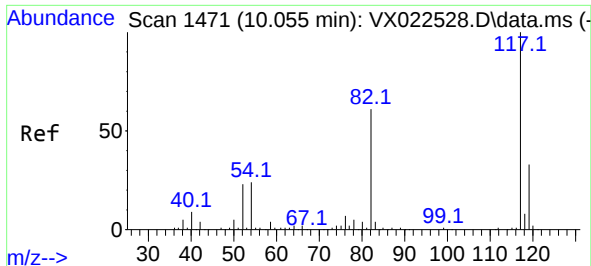
Tgt Ion: 98 Resp: 163513  
Ion Ratio Lower Upper  
98 100  
100 66.0 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 44.441 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022605.D  
Acq: 09 Jun 2021 11:44

Tgt Ion: 95 Resp: 56203  
Ion Ratio Lower Upper  
95 100  
174 63.2 0.0 154.6  
176 61.1 0.0 155.8

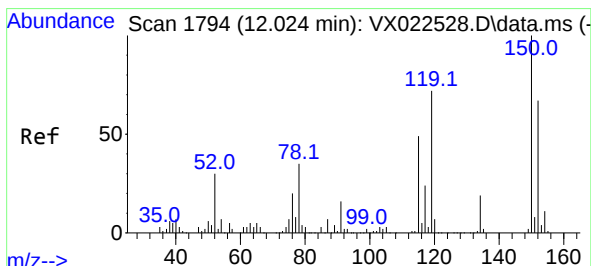
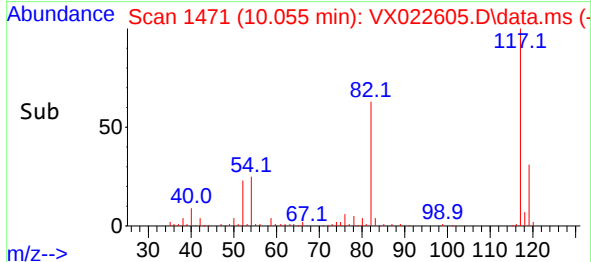
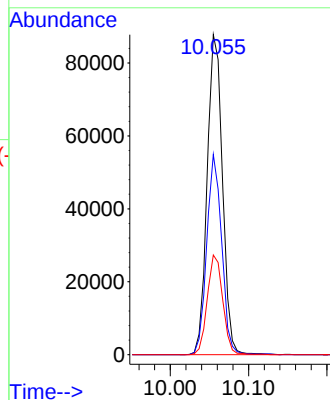
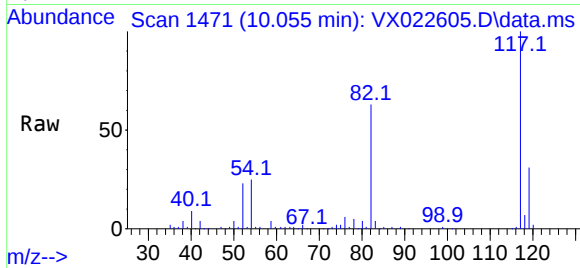




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX022605.D  
Acq: 09 Jun 2021 11:44

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0609MBL01

Tgt Ion:117 Resp: 118762  
Ion Ratio Lower Upper  
117 100  
82 62.5 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: VX022605.D  
Acq: 09 Jun 2021 11:44

Tgt Ion:152 Resp: 45178  
Ion Ratio Lower Upper  
152 100  
115 69.2 41.1 123.3  
150 159.7 0.0 349.0

