

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071322\  
 Data File : VX030033.D  
 Acq On : 13 Jul 2022 10:25  
 Operator : JC/MD  
 Sample : VX0713MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0713MBL01

Quant Time: Jul 14 04:54:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X071222W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 13 09:05:23 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 187837   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 317936   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 273371   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 117564   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 100535   | 43.972   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 87.940% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 94490    | 46.522   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 93.040% |
| 50) Toluene-d8              | 8.647  | 98    | 359030   | 47.001   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 94.000% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 119519   | 45.086   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 90.180% |

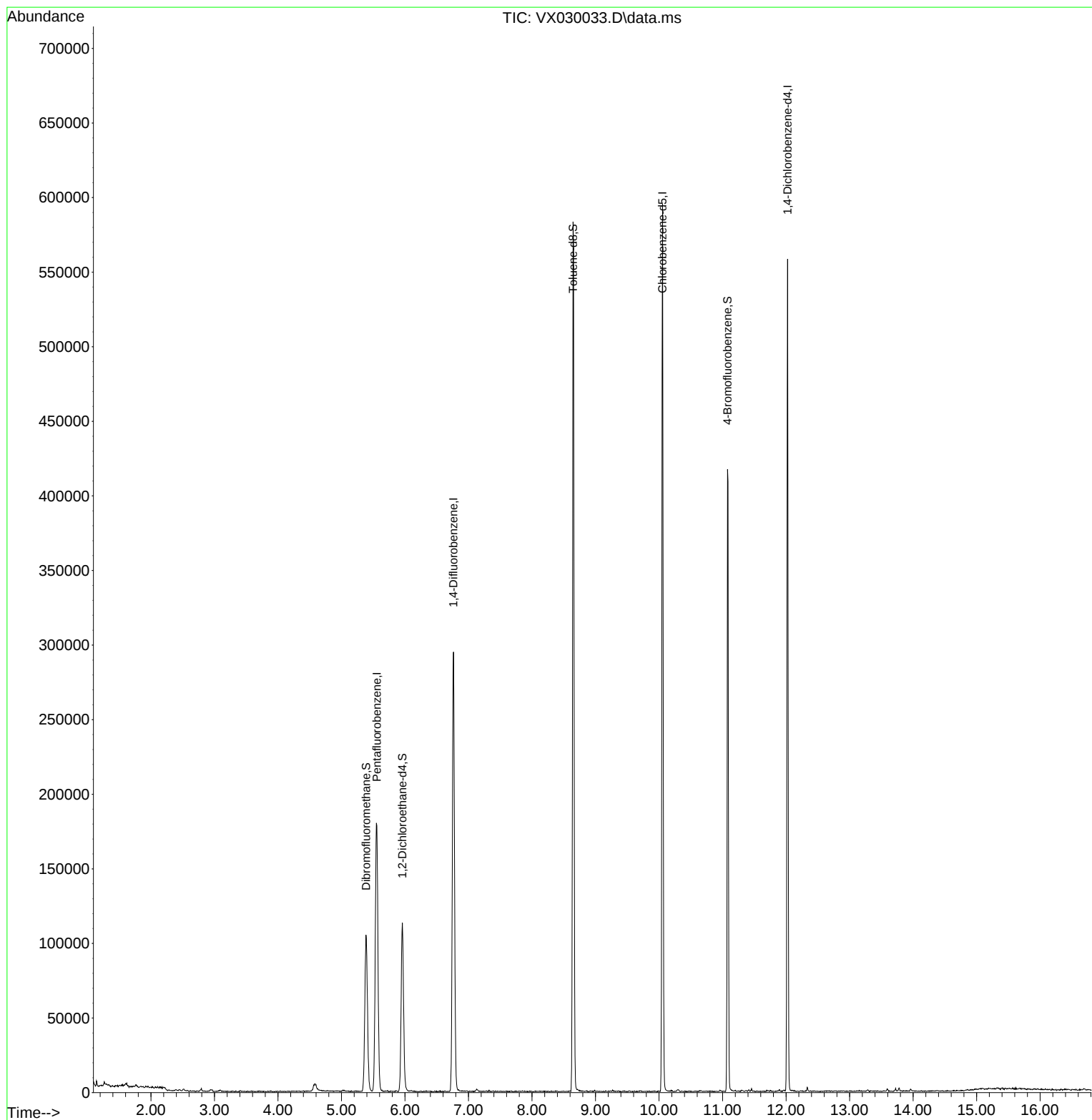
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

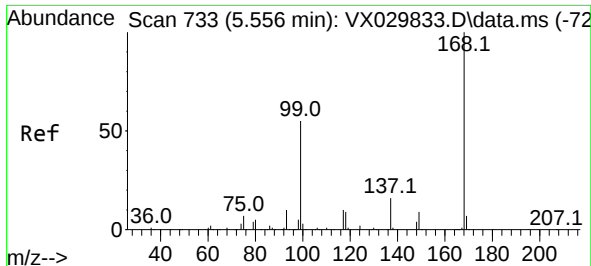
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713MBL01

Quant Time: Jul 14 04:54:13 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X071222W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 13 09:05:23 2022  
Response via : Initial Calibration

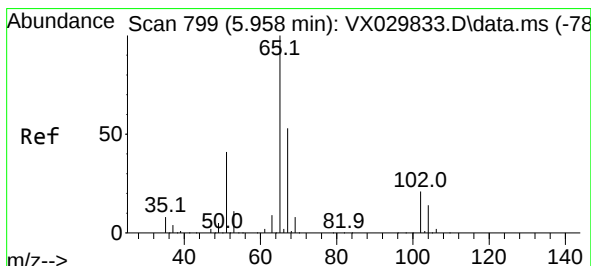
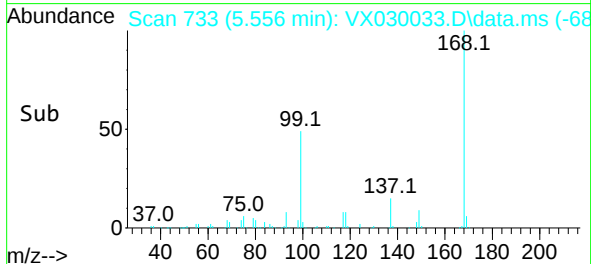
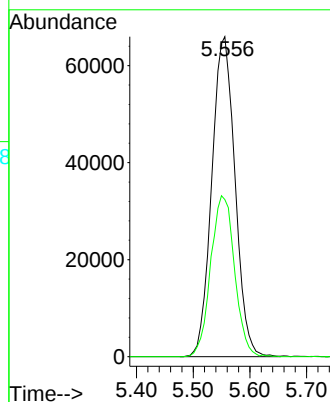
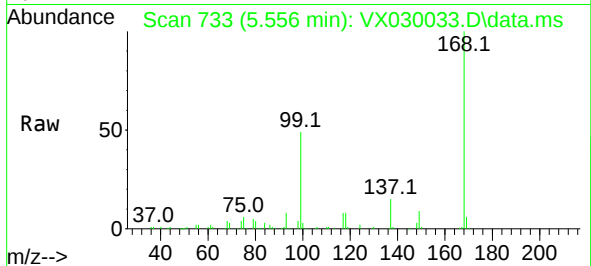




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: VX030033.D  
Acq: 13 Jul 2022 10:25

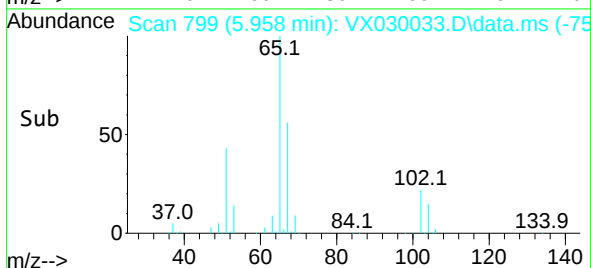
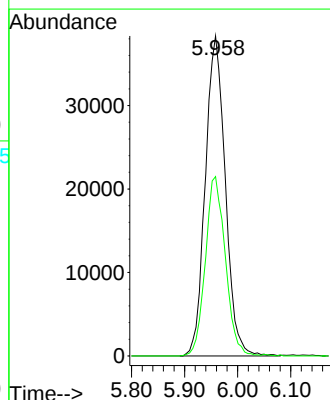
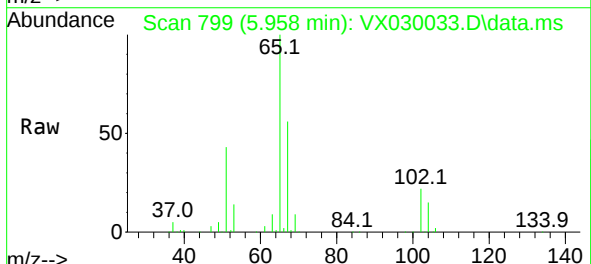
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713MBL01

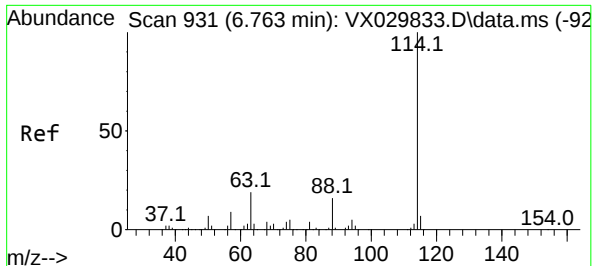
Tgt Ion:168 Resp: 187837  
Ion Ratio Lower Upper  
168 100  
99 49.1 44.0 66.0



#33  
1,2-Dichloroethane-d4  
Concen: 43.972 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX030033.D  
Acq: 13 Jul 2022 10:25

Tgt Ion: 65 Resp: 100535  
Ion Ratio Lower Upper  
65 100  
67 56.0 0.0 109.6

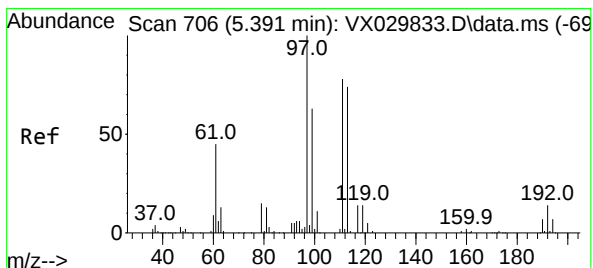
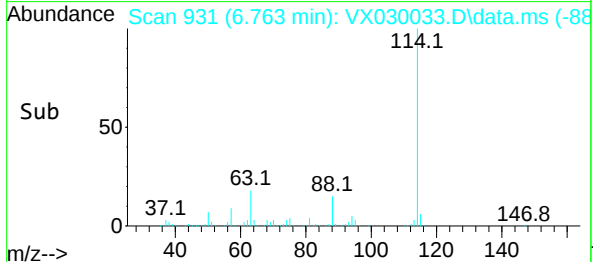
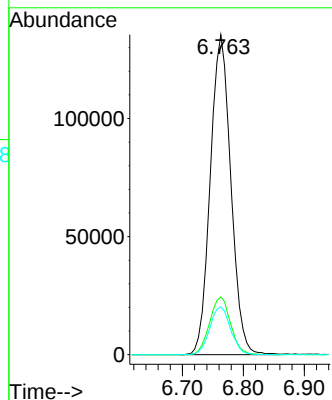
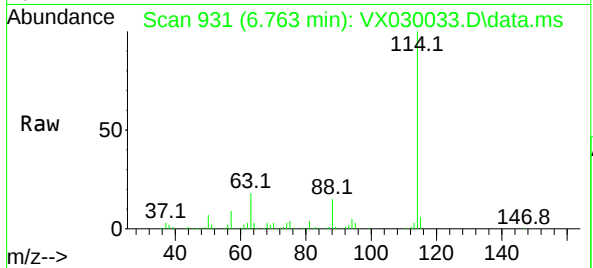




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX030033.D  
Acq: 13 Jul 2022 10:25

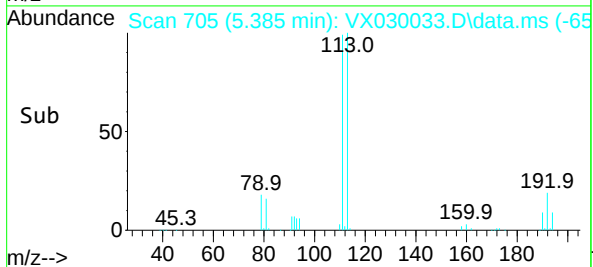
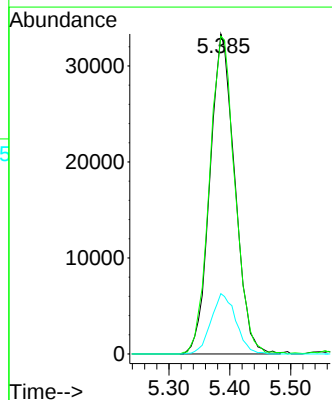
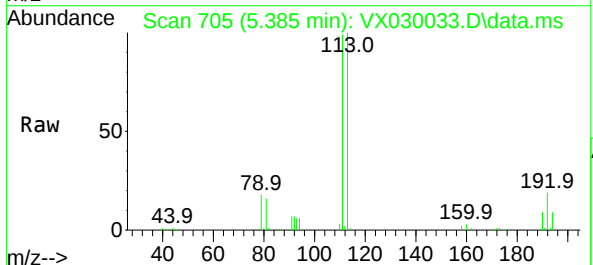
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713MBL01

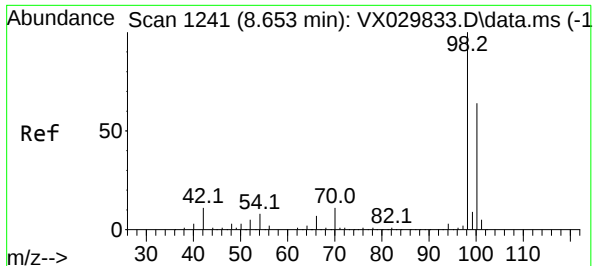
Tgt Ion:114 Resp: 317936  
Ion Ratio Lower Upper  
114 100  
63 18.1 0.0 38.4  
88 14.9 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 46.522 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX030033.D  
Acq: 13 Jul 2022 10:25

Tgt Ion:113 Resp: 94490  
Ion Ratio Lower Upper  
113 100  
111 101.7 83.2 124.8  
192 18.8 14.8 22.2

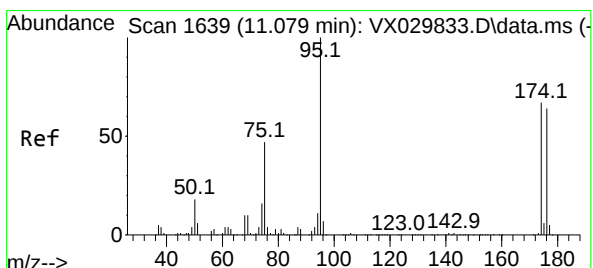
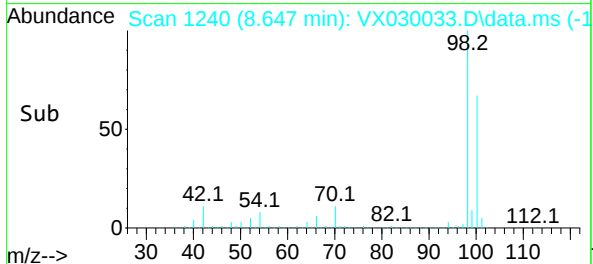
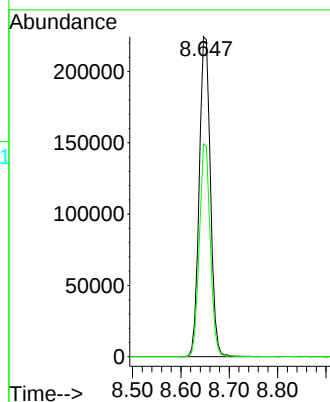
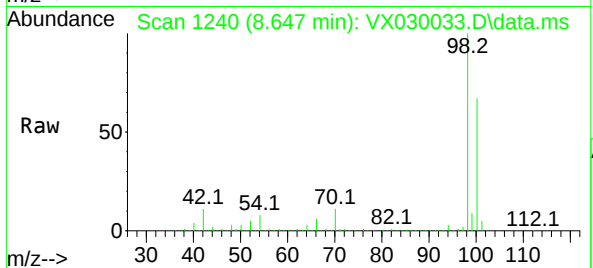




#50  
Toluene-d8  
Concen: 47.001 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX030033.D  
Acq: 13 Jul 2022 10:25

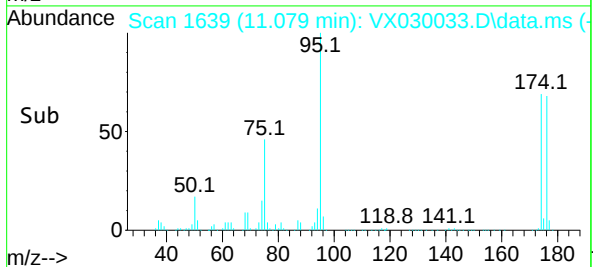
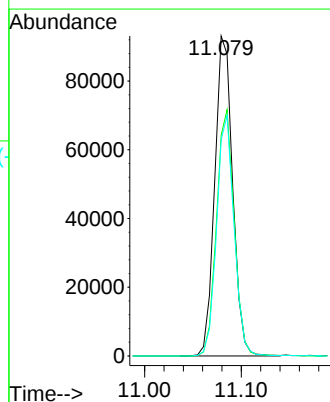
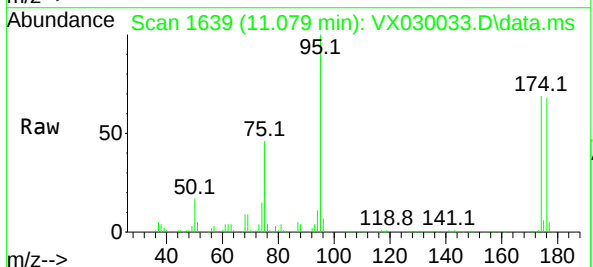
Instrument :  
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ClientSampleId :  
VX0713MBL01

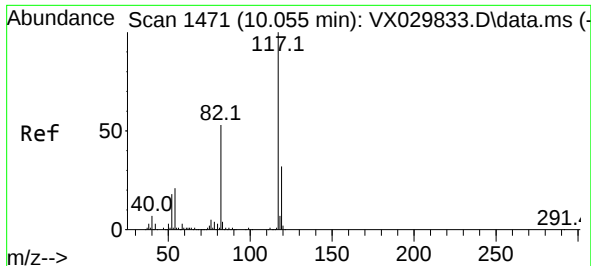
Tgt Ion: 98 Resp: 359030  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 45.086 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX030033.D  
Acq: 13 Jul 2022 10:25

Tgt Ion: 95 Resp: 119519  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 149.0  
176 72.9 0.0 146.0

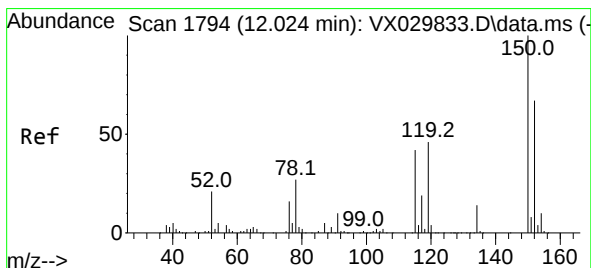
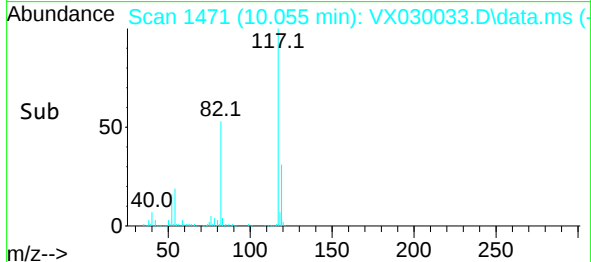
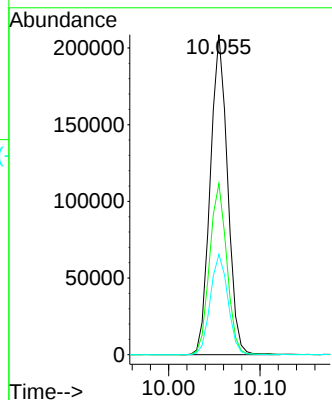
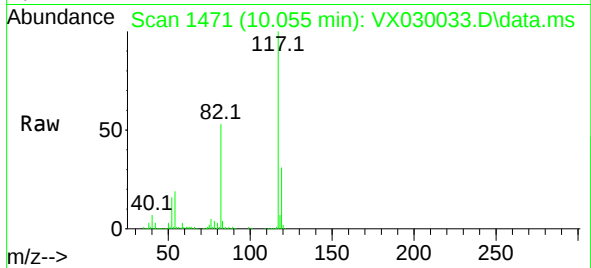




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX030033.D  
Acq: 13 Jul 2022 10:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0713MBL01

Tgt Ion:117 Resp: 273371  
Ion Ratio Lower Upper  
117 100  
82 53.5 42.7 64.1  
119 31.4 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: VX030033.D  
Acq: 13 Jul 2022 10:25

Tgt Ion:152 Resp: 117564  
Ion Ratio Lower Upper  
152 100  
115 57.9 40.5 121.5  
150 155.0 0.0 347.0

