

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041422\  
 Data File : VX028096.D  
 Acq On : 14 Apr 2022 10:14  
 Operator : JC/MD  
 Sample : VX0414MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0414MBL01

Quant Time: Apr 15 03:11:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041222W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 12 22:07:23 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 231923   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 398317   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 372659   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 165686   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 151000   | 47.991   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 95.980% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 129425   | 49.587   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 99.180% |
| 50) Toluene-d8              | 8.647  | 98    | 485705   | 49.896   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 99.800% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 158771   | 43.683   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 87.360% |

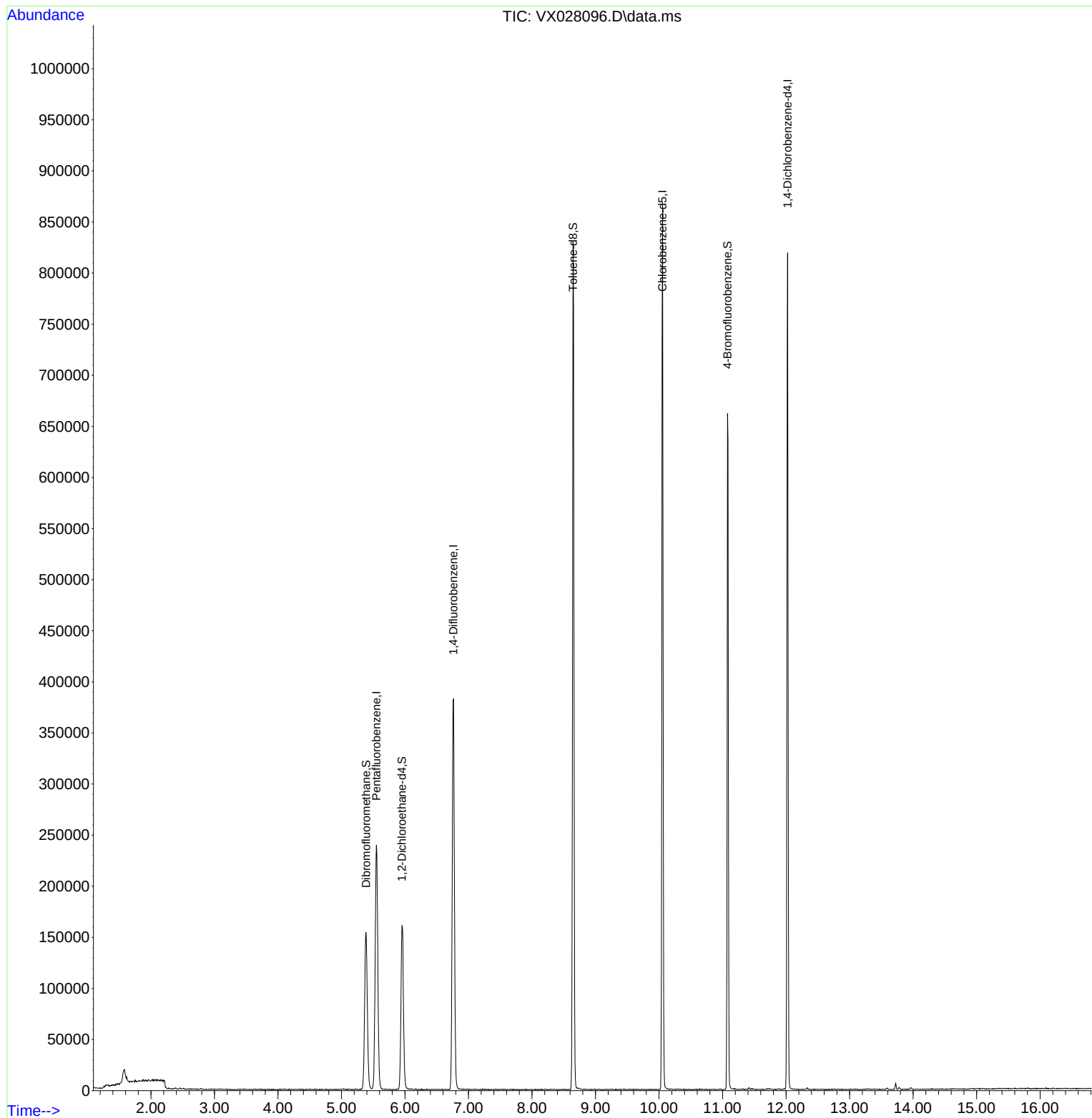
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

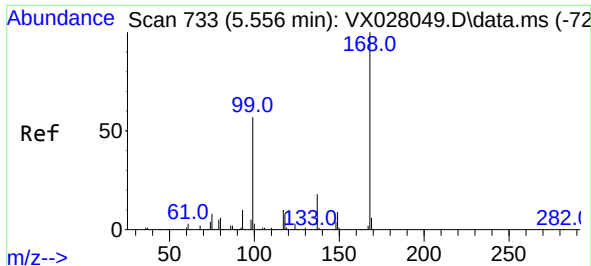
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0414MBL01

Quant Time: Apr 15 03:11:10 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041222W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 12 22:07:23 2022  
Response via : Initial Calibration

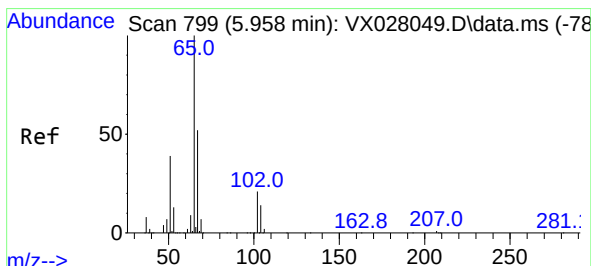
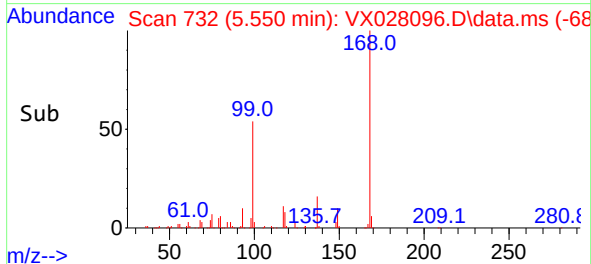
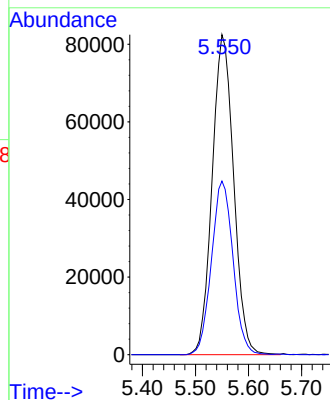
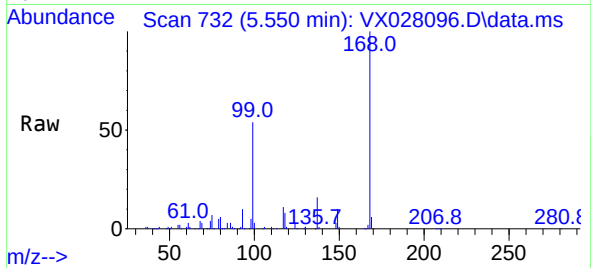




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 713  
Delta R.T. -0.006 min  
Lab File: VX028096.D  
Acq: 14 Apr 2022 10:14

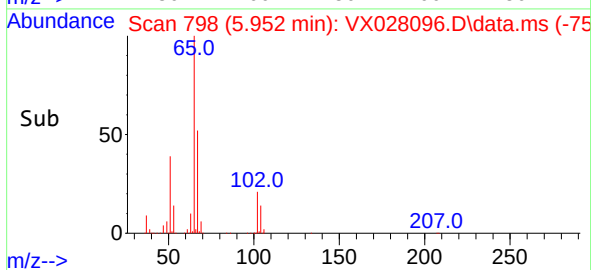
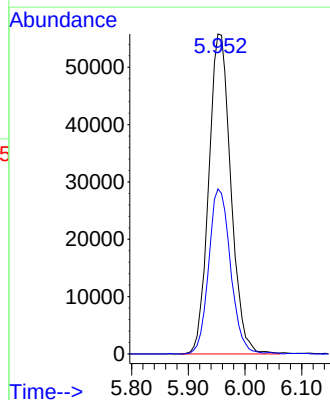
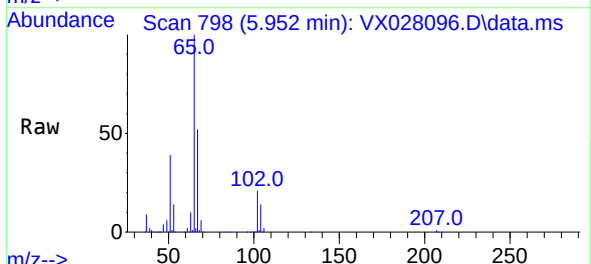
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0414MBL01

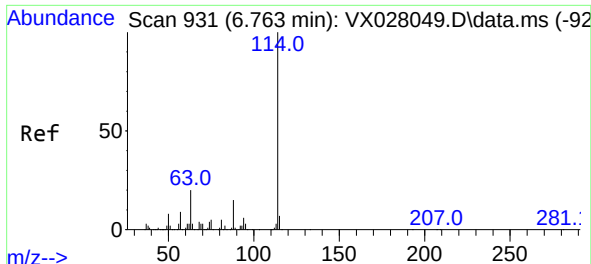
Tgt Ion:168 Resp: 231923  
Ion Ratio Lower Upper  
168 100  
99 54.3 41.7 62.5



#33  
1,2-Dichloroethane-d4  
Concen: 47.991 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX028096.D  
Acq: 14 Apr 2022 10:14

Tgt Ion: 65 Resp: 151000  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 107.4

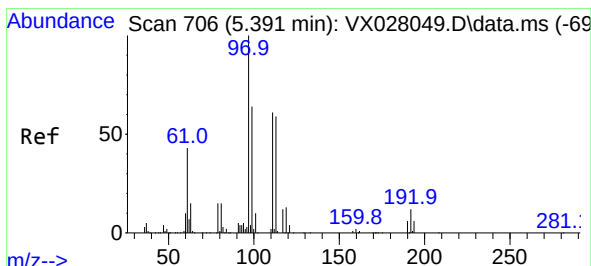
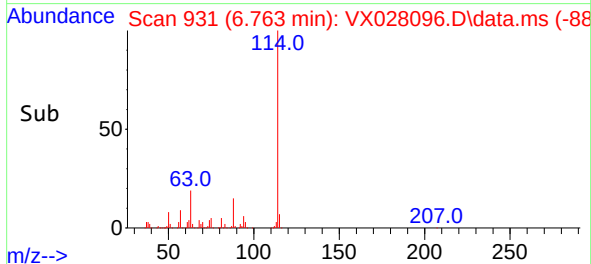
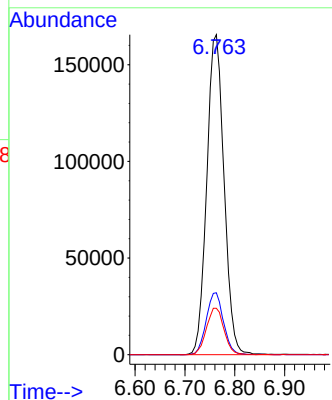
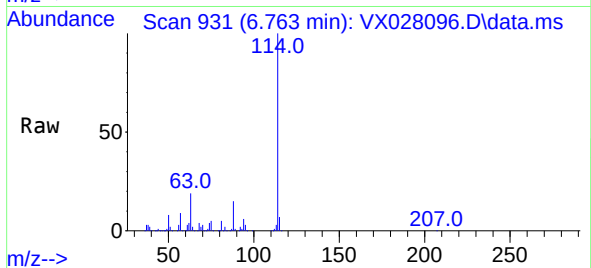




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX028096.D  
Acq: 14 Apr 2022 10:14

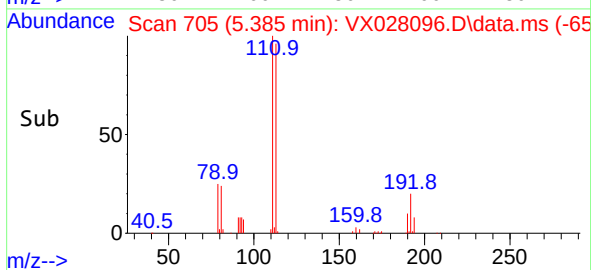
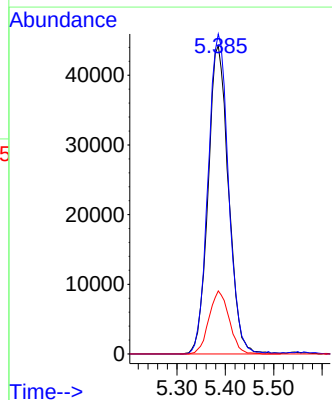
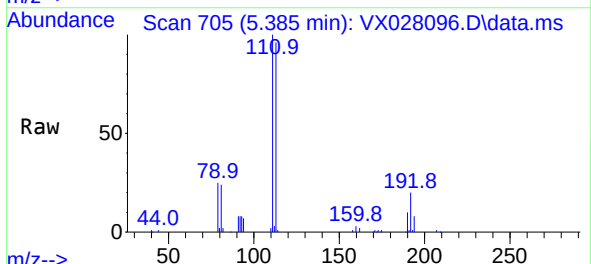
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0414MBL01

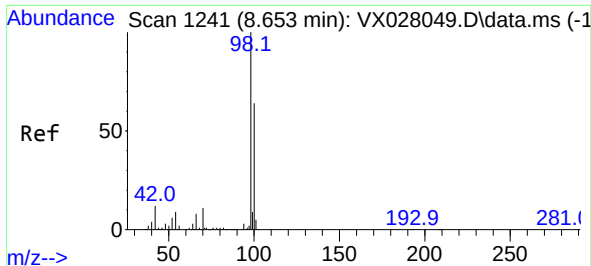
Tgt Ion:114 Resp: 398317  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 36.8  
88 14.5 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 49.587 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX028096.D  
Acq: 14 Apr 2022 10:14

Tgt Ion:113 Resp: 129425  
Ion Ratio Lower Upper  
113 100  
111 103.9 82.8 124.2  
192 20.2 16.9 25.3

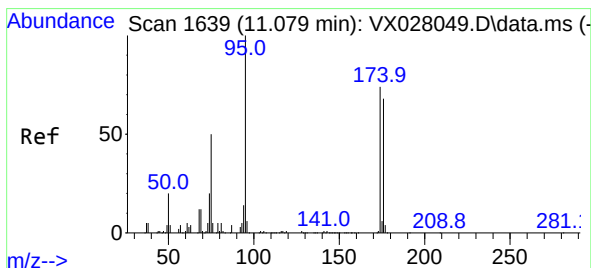
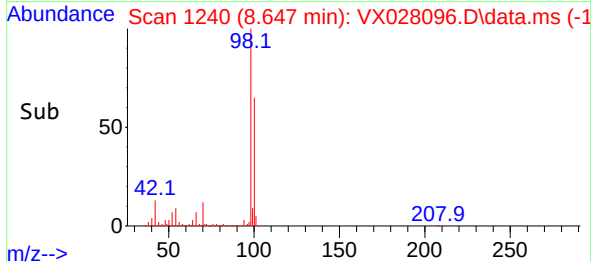
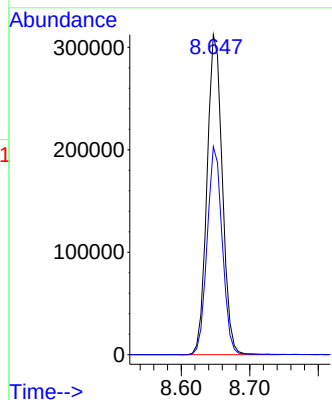
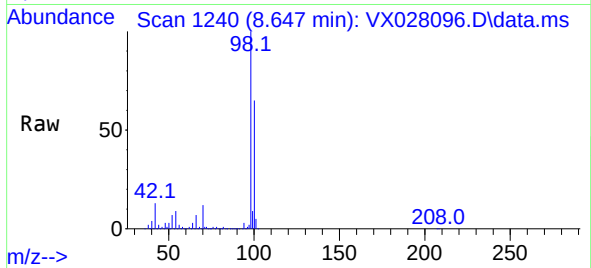




#50  
Toluene-d8  
Concen: 49.896 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX028096.D  
Acq: 14 Apr 2022 10:14

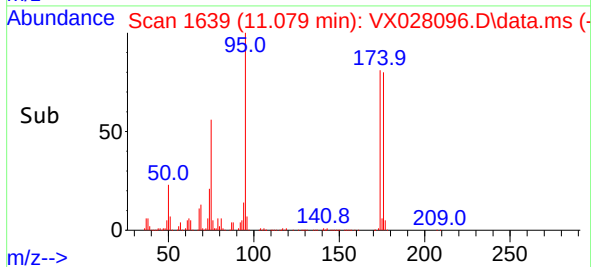
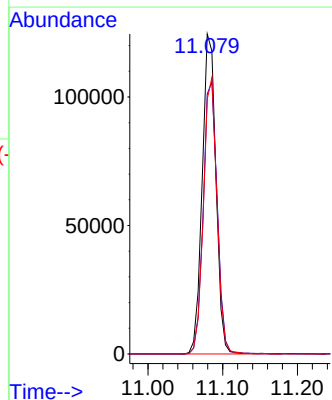
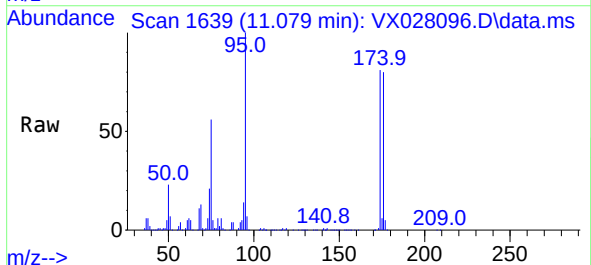
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0414MBL01

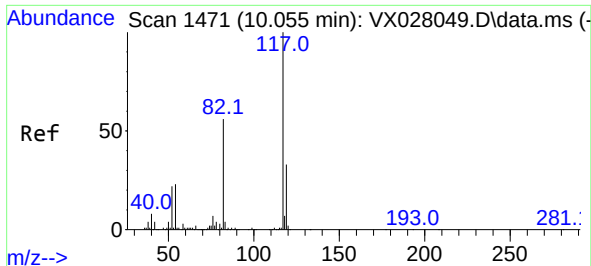
Tgt Ion: 98 Resp: 485705  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 43.683 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX028096.D  
Acq: 14 Apr 2022 10:14

Tgt Ion: 95 Resp: 158771  
Ion Ratio Lower Upper  
95 100  
174 86.2 0.0 163.0  
176 85.2 0.0 155.0

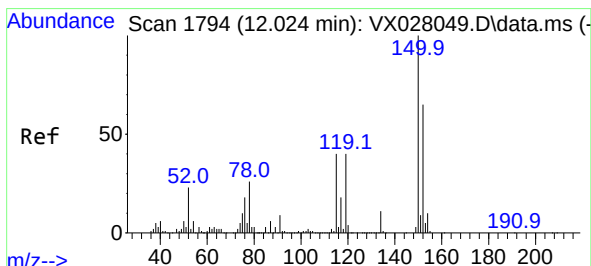
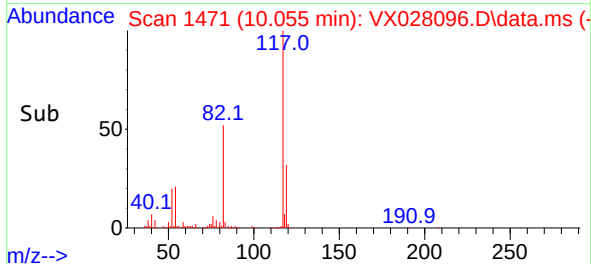
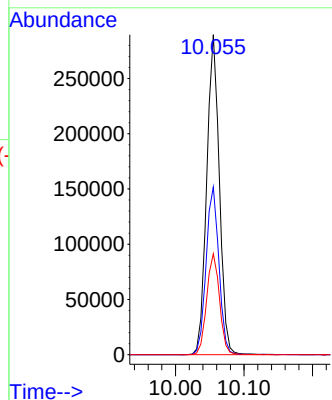
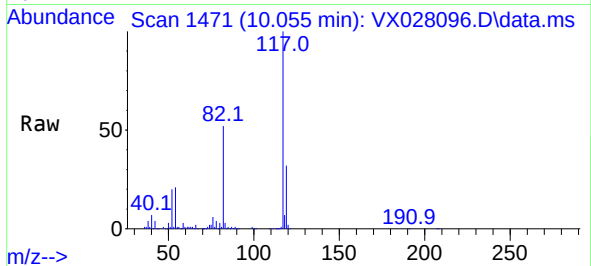




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX028096.D  
Acq: 14 Apr 2022 10:14

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0414MBL01

Tgt Ion:117 Resp: 372659  
Ion Ratio Lower Upper  
117 100  
82 52.4 41.8 62.8  
119 31.6 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX028096.D  
Acq: 14 Apr 2022 10:14

Tgt Ion:152 Resp: 165686  
Ion Ratio Lower Upper  
152 100  
115 56.6 37.5 112.7  
150 157.1 0.0 338.2

