

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082322\  
 Data File : VX030721.D  
 Acq On : 23 Aug 2022 10:45  
 Operator : JC/MD  
 Sample : VX0823MBL01  
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0823MBL01

Quant Time: Aug 24 00:45:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 25 16:49:17 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 138270   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 307769   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 282231   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 120265   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 184439   | 66.365   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 132.740%# |
| 35) Dibromofluoromethane    | 5.385  | 113   | 171120   | 58.162   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 116.320%  |
| 50) Toluene-d8              | 8.653  | 98    | 625024   | 54.857   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 109.720%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 220322   | 52.104   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 104.200%  |

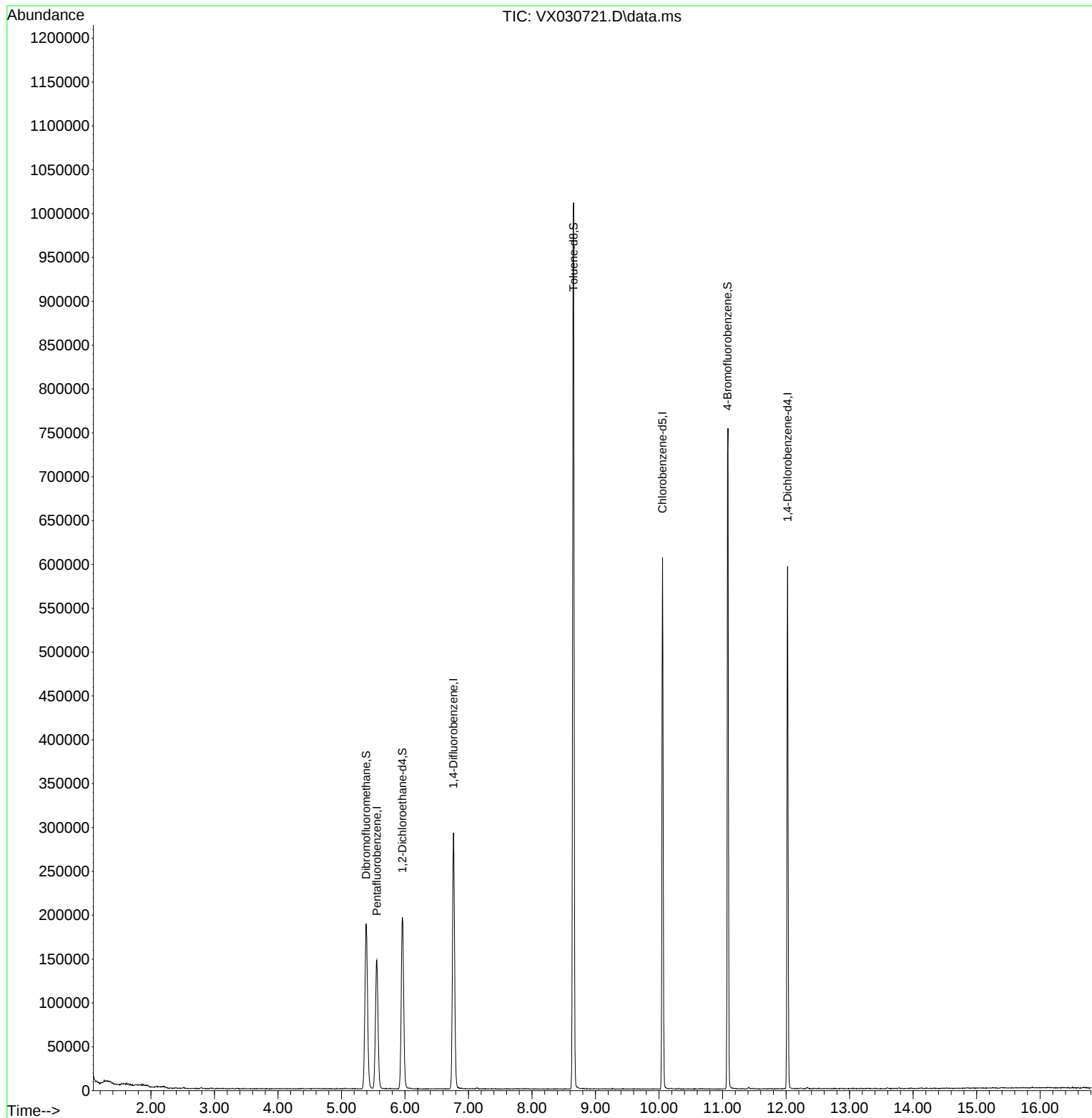
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

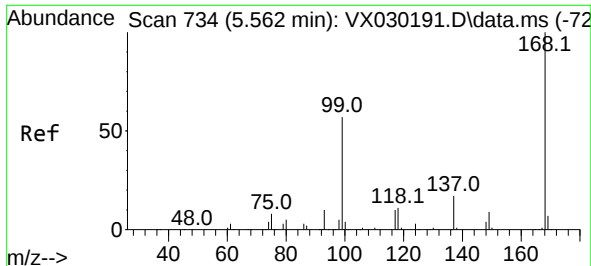
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Mon Jul 25 16:49:17 2022  
Response via : Initial Calibration

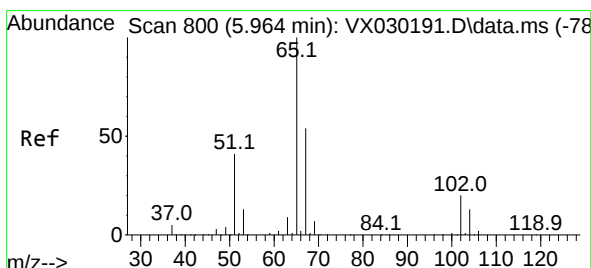
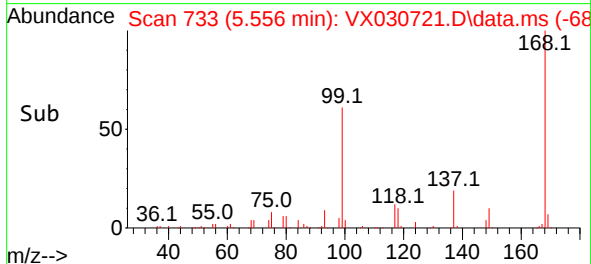
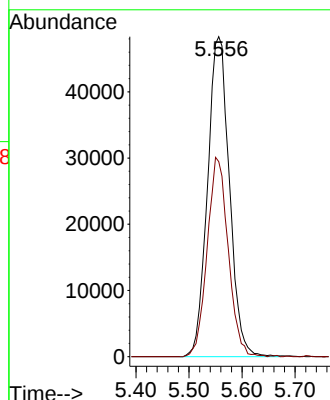
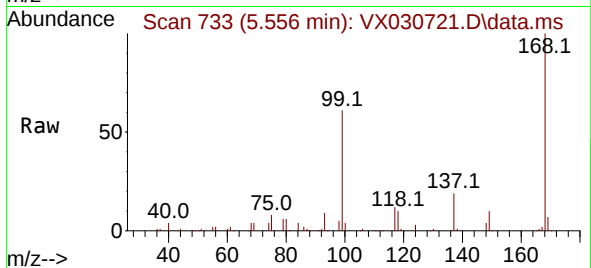




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.006 min  
Lab File: VX030721.D  
Acq: 23 Aug 2022 10:45

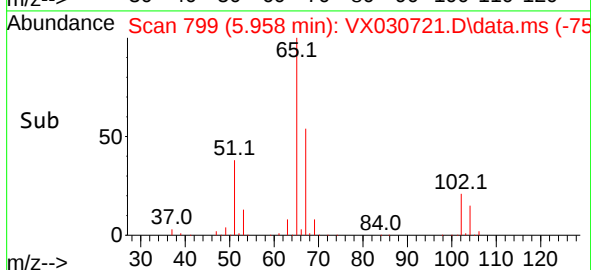
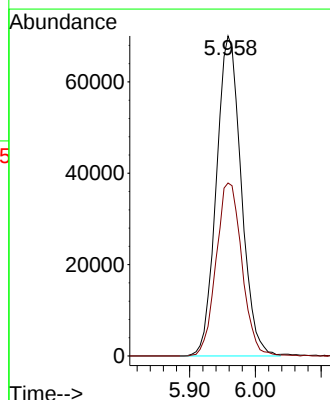
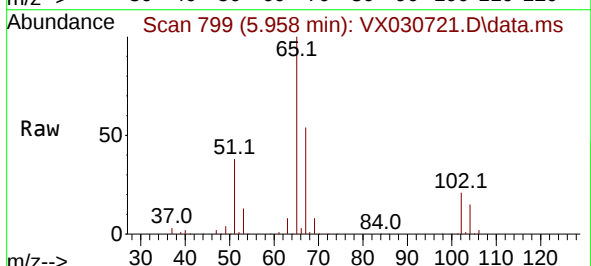
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0823MBL01

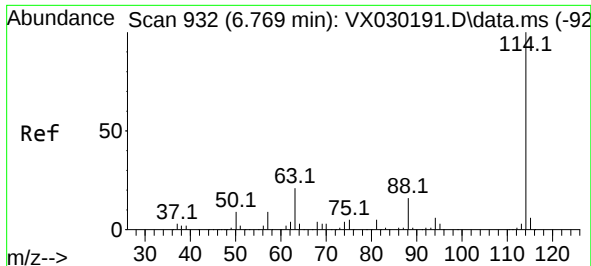
Tgt Ion:168 Resp: 138270  
Ion Ratio Lower Upper  
168 100  
99 61.0 44.0 66.0



#33  
1,2-Dichloroethane-d4  
Concen: 66.365 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX030721.D  
Acq: 23 Aug 2022 10:45

Tgt Ion: 65 Resp: 184439  
Ion Ratio Lower Upper  
65 100  
67 56.1 0.0 109.6

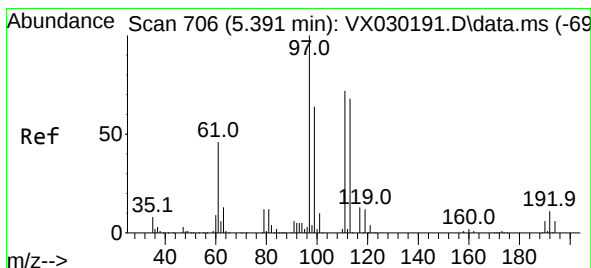
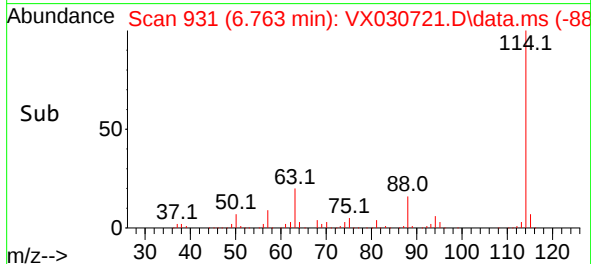
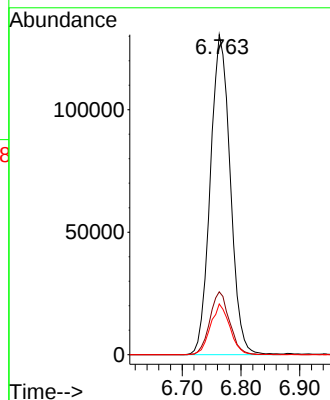
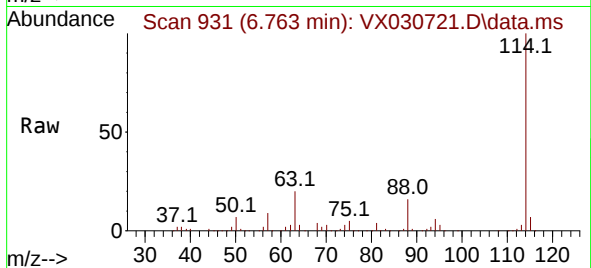




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX030721.D  
Acq: 23 Aug 2022 10:45

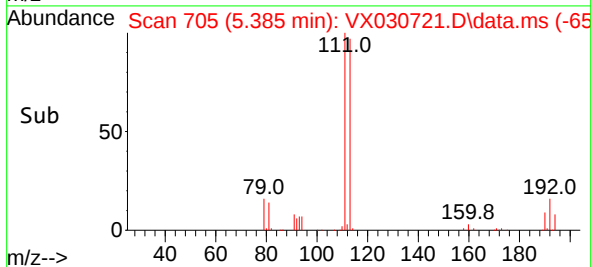
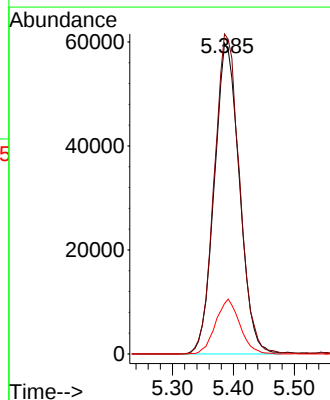
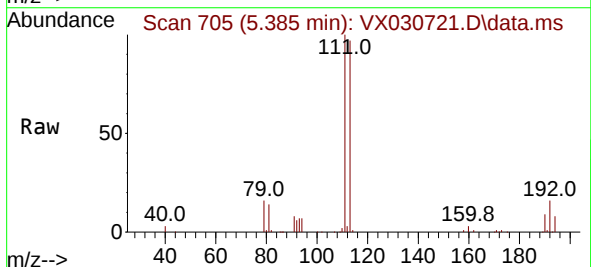
Instrument :  
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ClientSampleId :  
VX0823MBL01

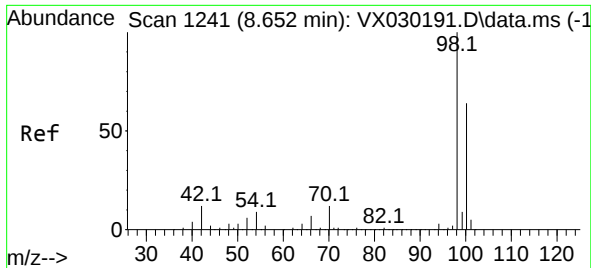
Tgt Ion:114 Resp: 307769  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 38.4  
88 15.9 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 58.162 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX030721.D  
Acq: 23 Aug 2022 10:45

Tgt Ion:113 Resp: 171120  
Ion Ratio Lower Upper  
113 100  
111 103.8 83.2 124.8  
192 17.0 14.8 22.2

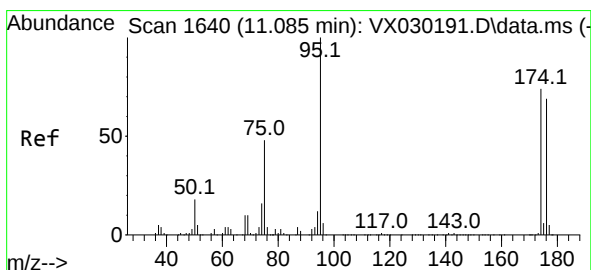
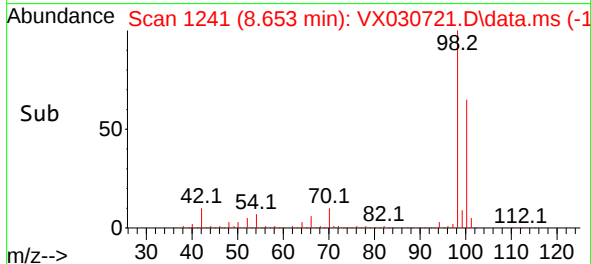
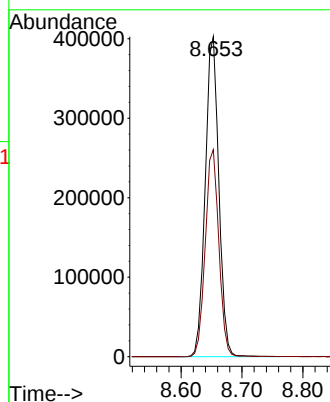
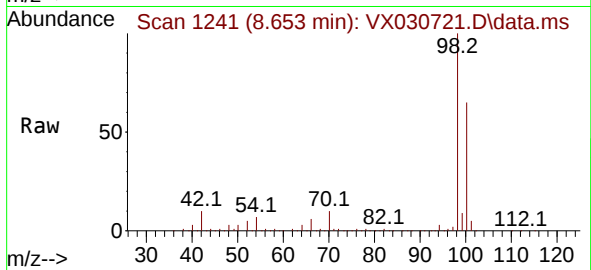




#50  
Toluene-d8  
Concen: 54.857 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX030721.D  
Acq: 23 Aug 2022 10:45

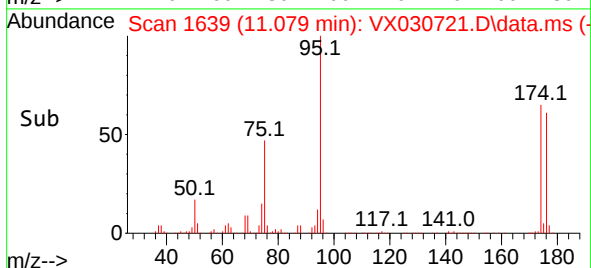
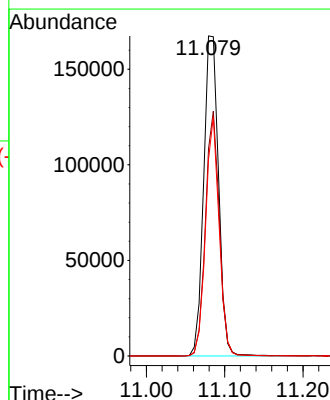
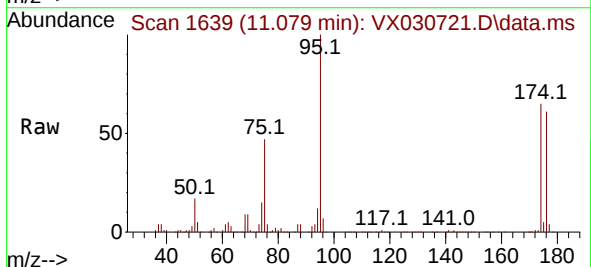
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0823MBL01

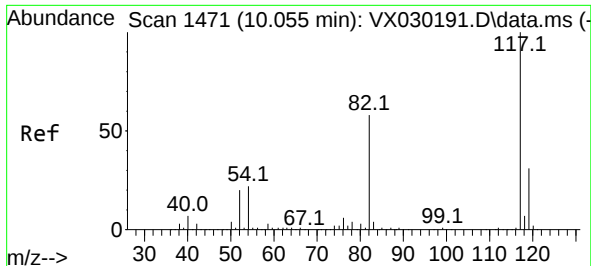
Tgt Ion: 98 Resp: 625024  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 52.104 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX030721.D  
Acq: 23 Aug 2022 10:45

Tgt Ion: 95 Resp: 220322  
Ion Ratio Lower Upper  
95 100  
174 71.8 0.0 149.0  
176 67.8 0.0 146.0

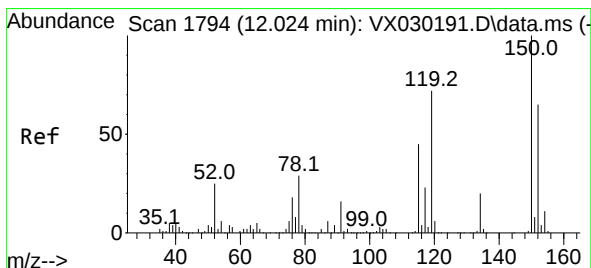
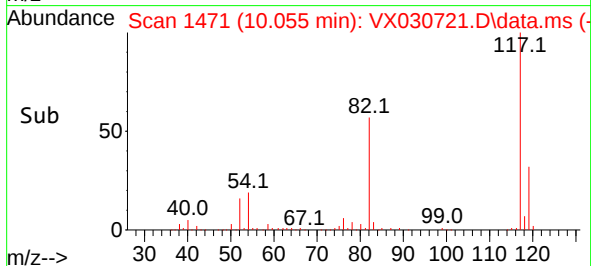
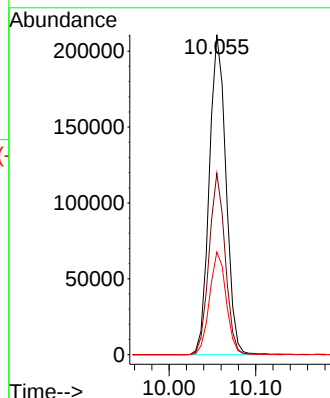
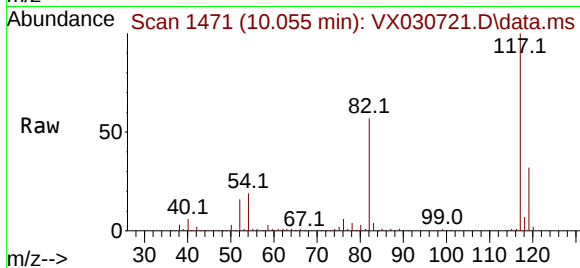




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX030721.D  
Acq: 23 Aug 2022 10:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0823MBL01

Tgt Ion:117 Resp: 282231  
Ion Ratio Lower Upper  
117 100  
82 56.7 42.7 64.1  
119 32.1 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: VX030721.D  
Acq: 23 Aug 2022 10:45

Tgt Ion:152 Resp: 120265  
Ion Ratio Lower Upper  
152 100  
115 62.5 40.5 121.5  
150 163.3 0.0 347.0

