

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072922\  
 Data File : VX030292.D  
 Acq On : 29 Jul 2022 10:57  
 Operator : JC/MD  
 Sample : VX0729WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBL01

Quant Time: Aug 01 05:09:16 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  | 137873   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 241297   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 238785   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 132861   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 152924   | 55.184   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 110.360% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 121740   | 52.777   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 105.560% |
| 50) Toluene-d8              | 8.653  | 98    | 439160   | 49.162   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 98.320%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 155649   | 46.950   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 93.900%  |

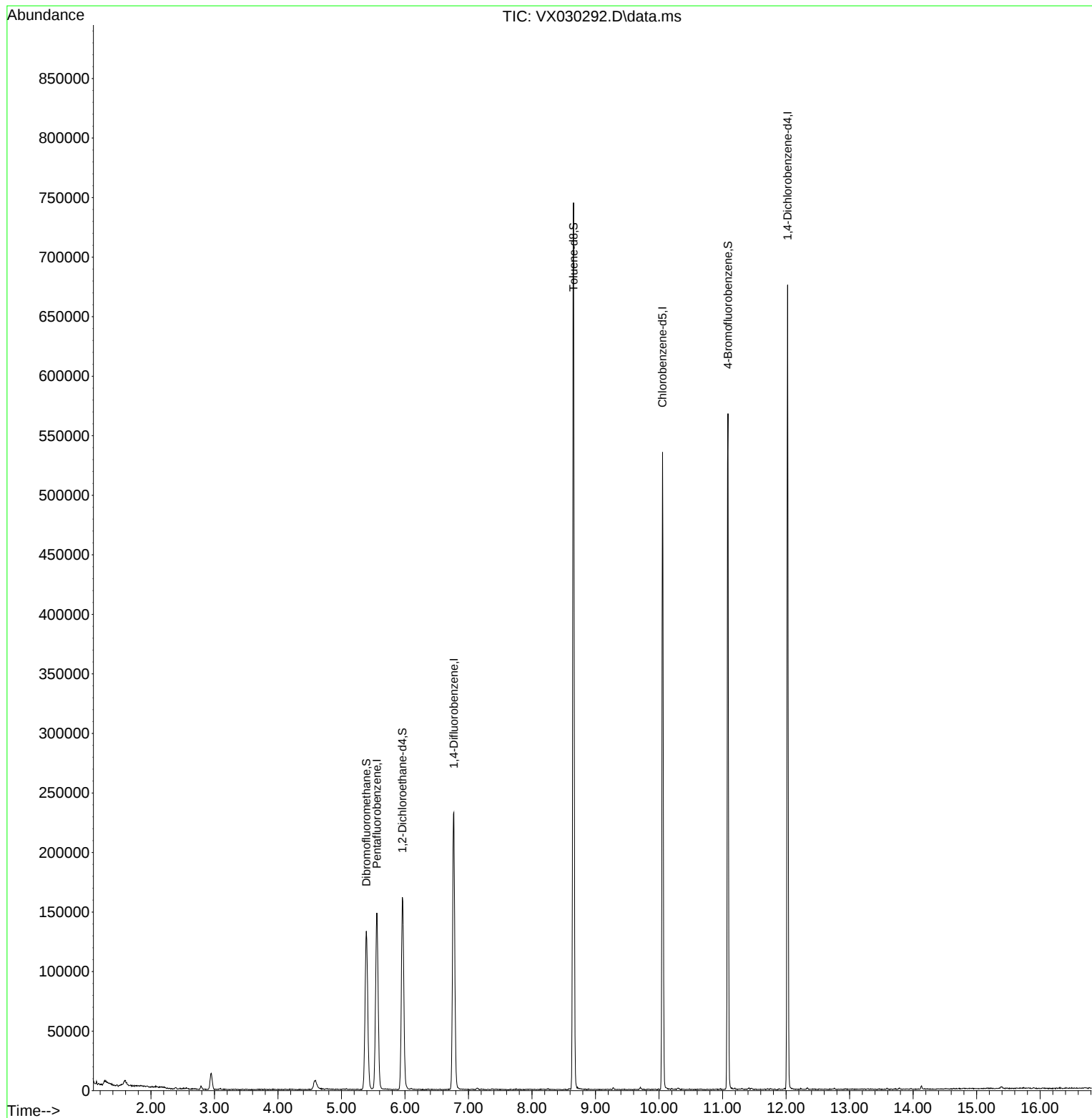
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

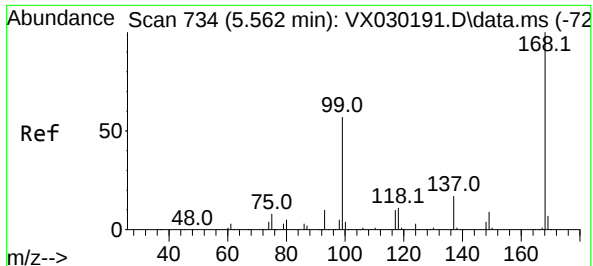
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VX0729WBL01  
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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBL01

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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

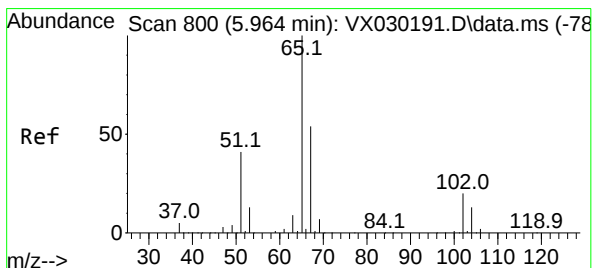
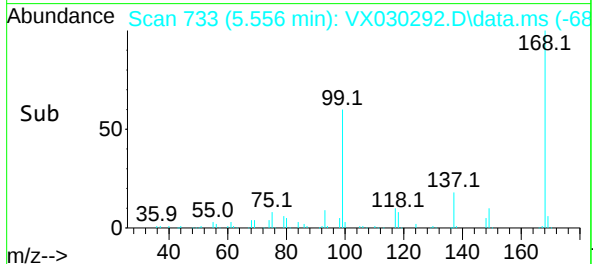
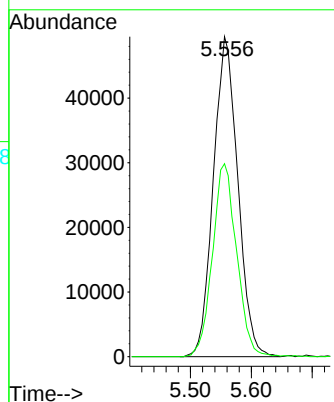
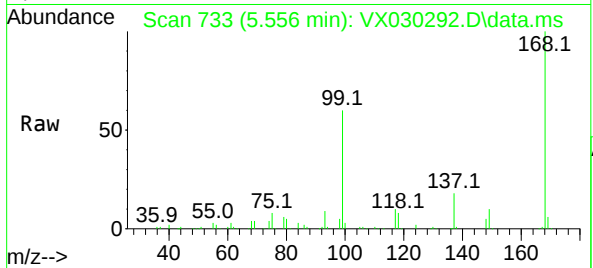




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.006 min  
Lab File: VX030292.D  
Acq: 29 Jul 2022 10:57

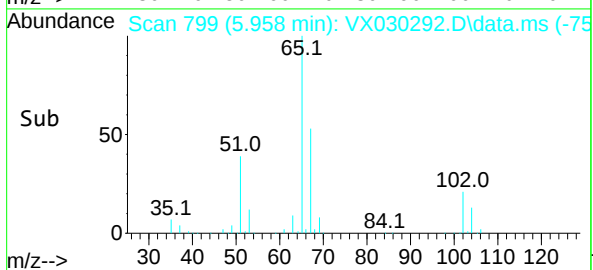
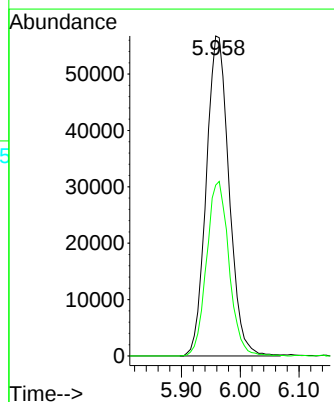
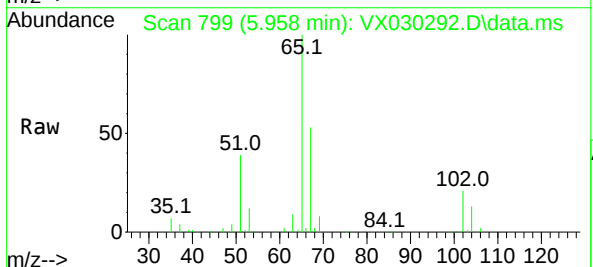
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBL01

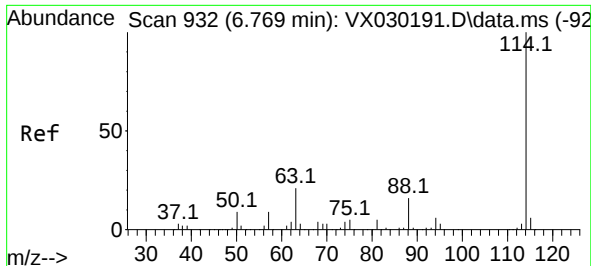
Tgt Ion:168 Resp: 137873  
Ion Ratio Lower Upper  
168 100  
99 60.3 44.0 66.0



#33  
1,2-Dichloroethane-d4  
Concen: 55.184 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX030292.D  
Acq: 29 Jul 2022 10:57

Tgt Ion: 65 Resp: 152924  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 109.6

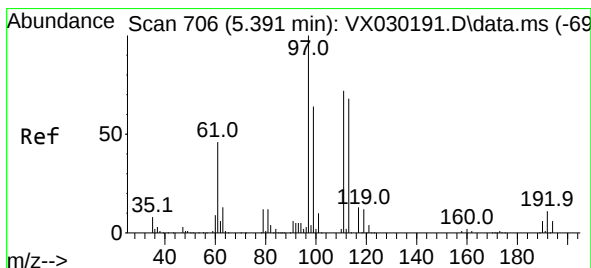
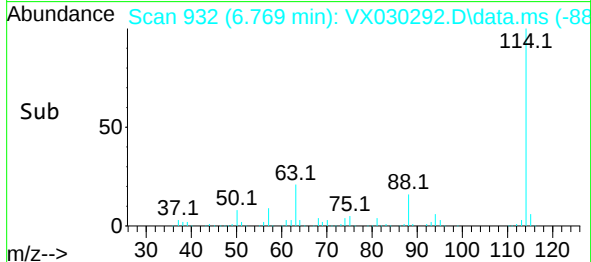
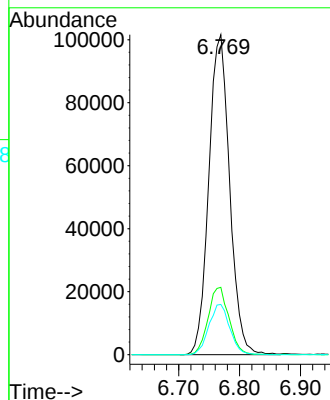
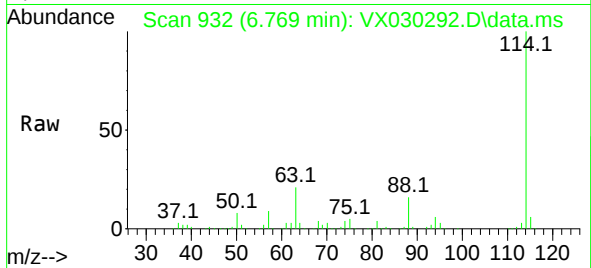




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX030292.D  
Acq: 29 Jul 2022 10:57

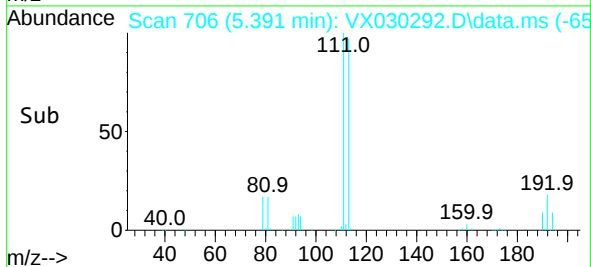
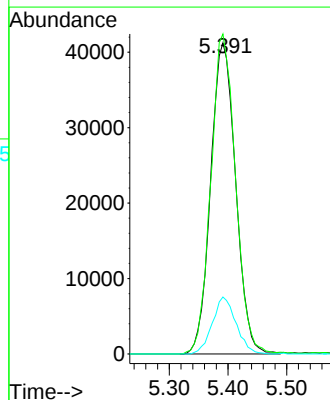
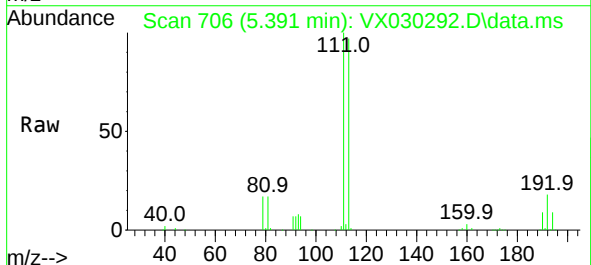
Instrument :  
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ClientSampleId :  
VX0729WBL01

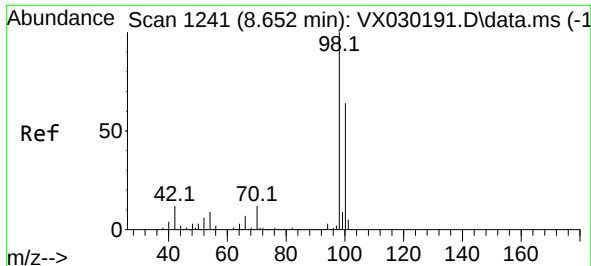
Tgt Ion:114 Resp: 241297  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 38.4  
88 15.7 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 52.777 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX030292.D  
Acq: 29 Jul 2022 10:57

Tgt Ion:113 Resp: 121740  
Ion Ratio Lower Upper  
113 100  
111 101.6 83.2 124.8  
192 17.4 14.8 22.2

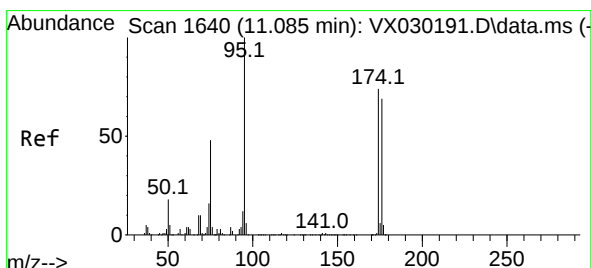
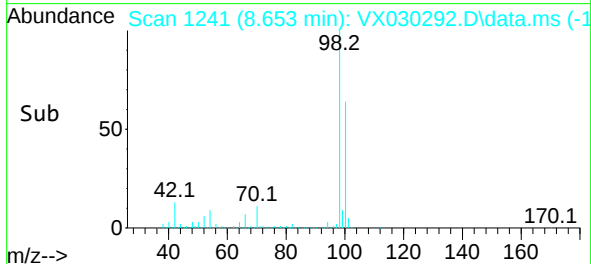
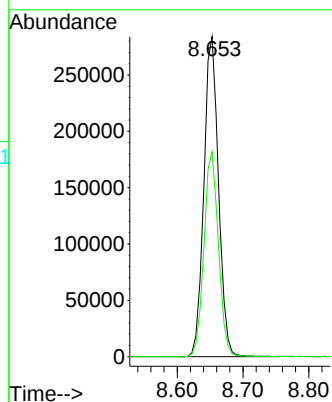
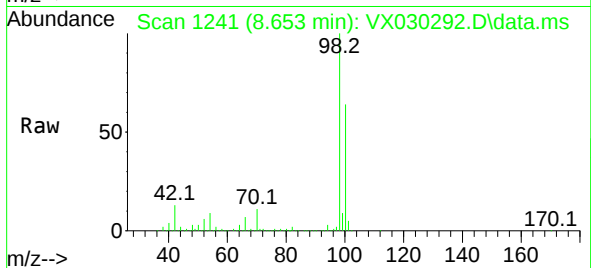




#50  
Toluene-d8  
Concen: 49.162 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX030292.D  
Acq: 29 Jul 2022 10:57

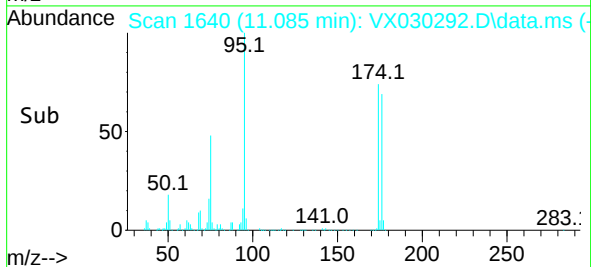
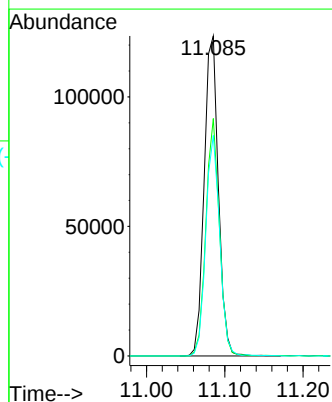
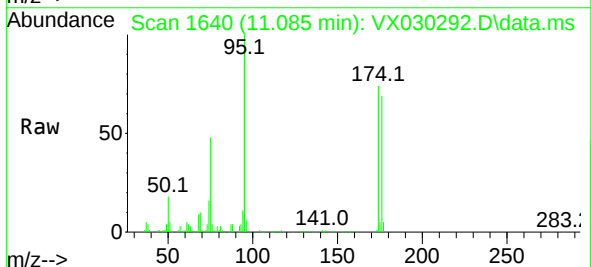
Instrument :  
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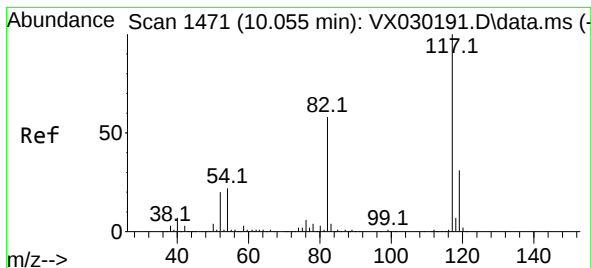
Tgt Ion: 98 Resp: 439160  
Ion Ratio Lower Upper  
98 100  
100 63.5 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 46.950 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX030292.D  
Acq: 29 Jul 2022 10:57

Tgt Ion: 95 Resp: 155649  
Ion Ratio Lower Upper  
95 100  
174 70.4 0.0 149.0  
176 67.4 0.0 146.0

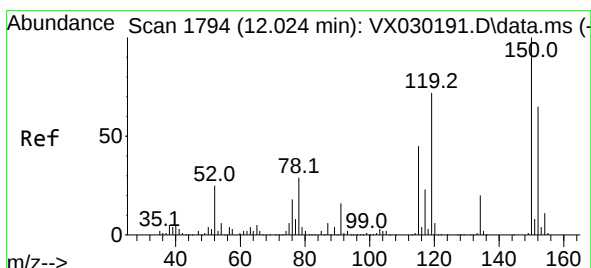
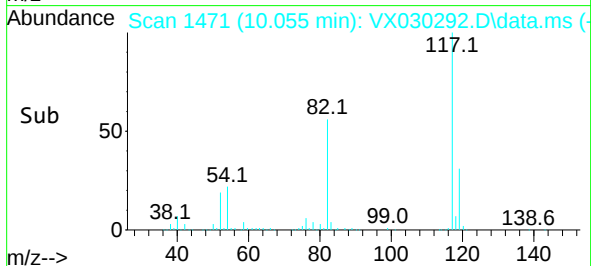
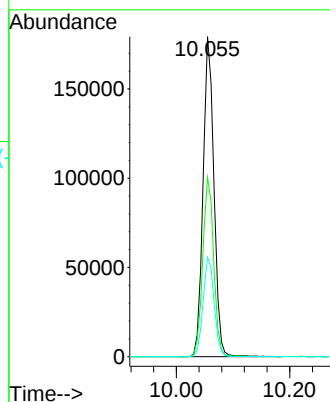
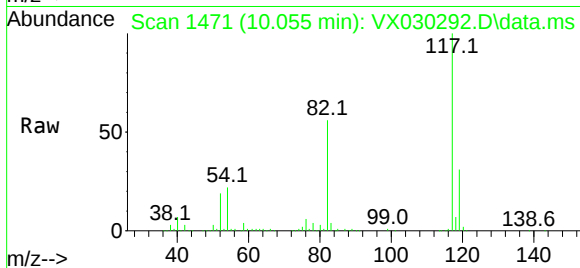




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX030292.D  
Acq: 29 Jul 2022 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBL01

Tgt Ion:117 Resp: 238785  
Ion Ratio Lower Upper  
117 100  
82 56.0 42.7 64.1  
119 31.1 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: VX030292.D  
Acq: 29 Jul 2022 10:57

Tgt Ion:152 Resp: 132861  
Ion Ratio Lower Upper  
152 100  
115 62.5 40.5 121.5  
150 156.3 0.0 347.0

