

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020822\  
 Data File : VX026812.D  
 Acq On : 08 Feb 2022 11:14  
 Operator : JC/MD  
 Sample : VX0208MBL01  
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0208MBL01

Quant Time: Feb 09 02:59:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 08 07:07:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 136930   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 225414   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 196312   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 84889    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 84565    | 51.448   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 102.900% |          |
| 35) Dibromofluoromethane    | 5.391  | 113   | 70024    | 52.141   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.280% |          |
| 50) Toluene-d8              | 8.647  | 98    | 258837   | 52.506   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 105.020% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 91412    | 52.670   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 105.340% |          |

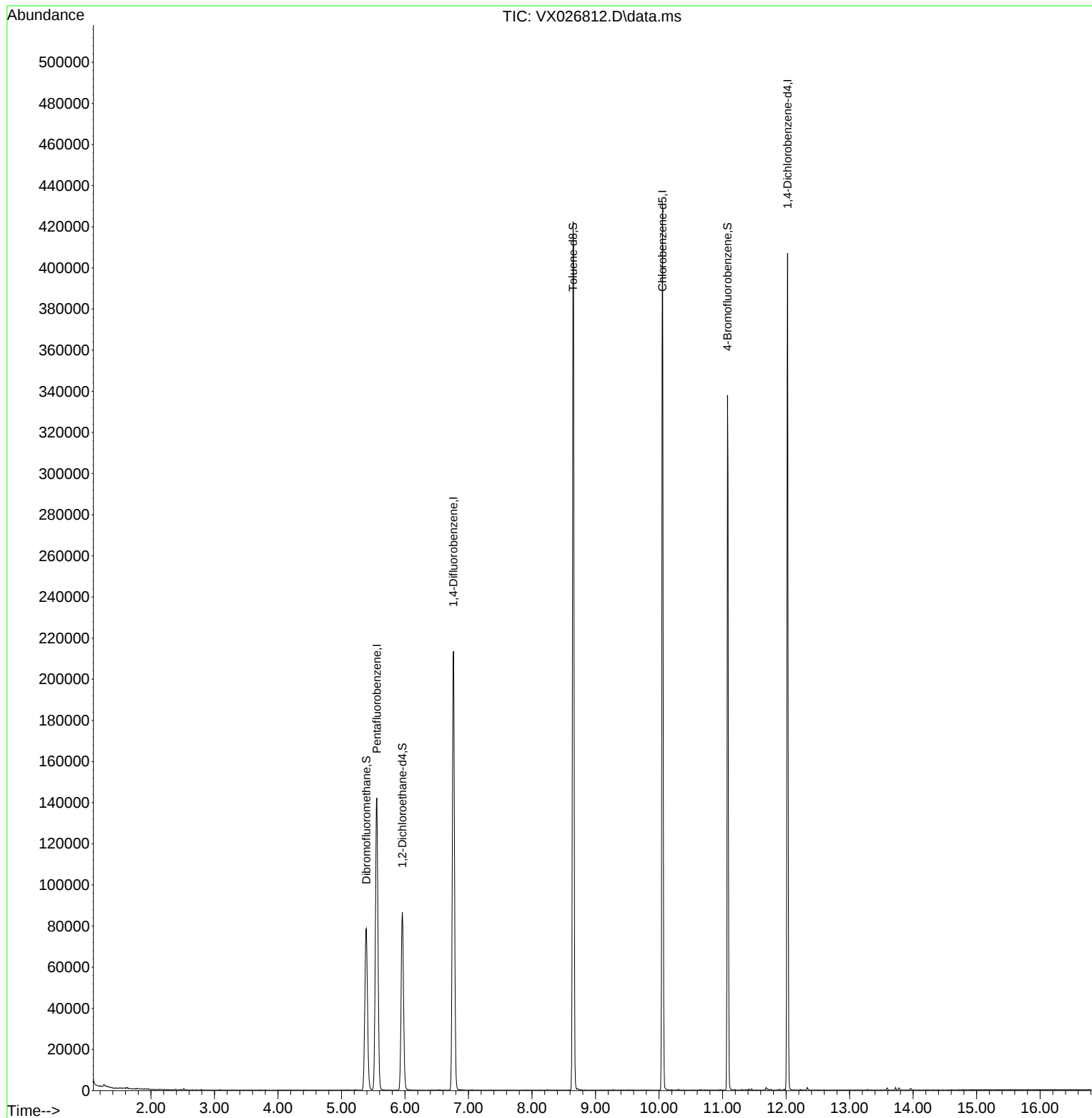
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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MSVOA\_X  
ClientSampleId :  
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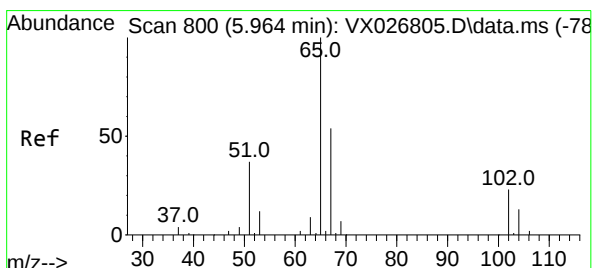
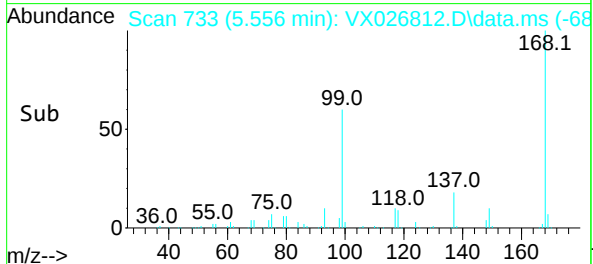
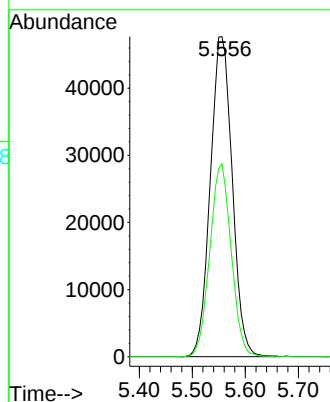
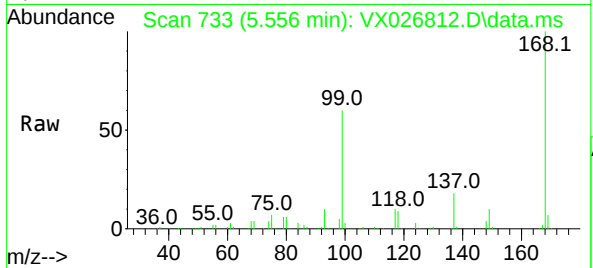




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 712  
Delta R.T. -0.006 min  
Lab File: VX026812.D  
Acq: 08 Feb 2022 11:14

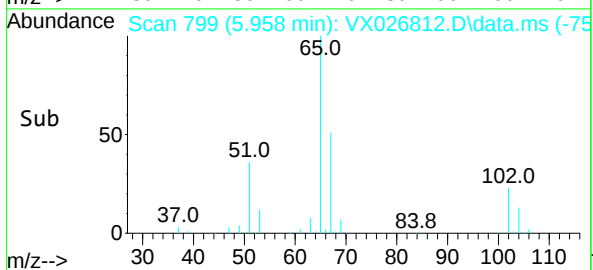
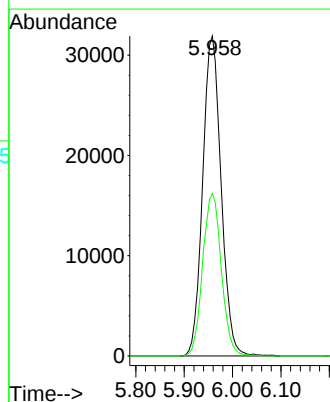
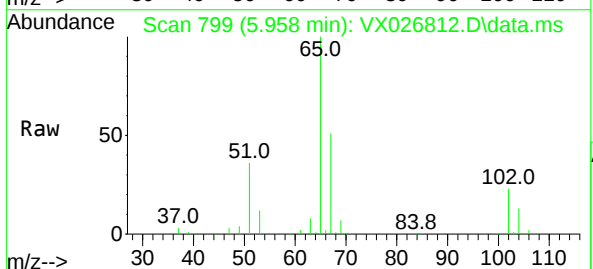
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0208MBL01

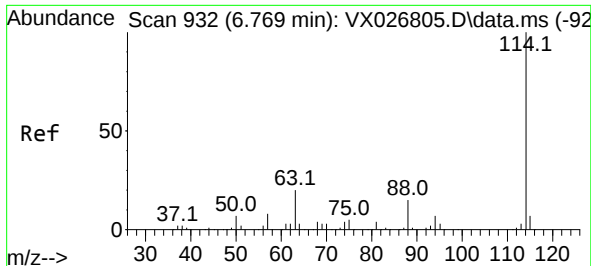
Tgt Ion:168 Resp: 136930  
Ion Ratio Lower Upper  
168 100  
99 60.3 50.3 75.5



#33  
1,2-Dichloroethane-d4  
Concen: 51.448 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX026812.D  
Acq: 08 Feb 2022 11:14

Tgt Ion: 65 Resp: 84565  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 100.8

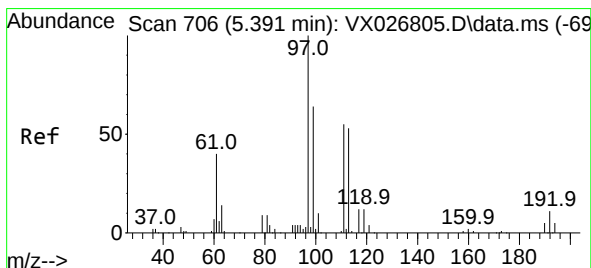
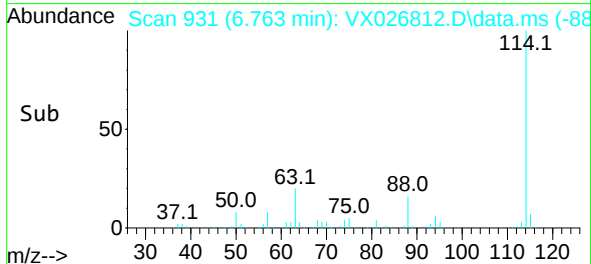
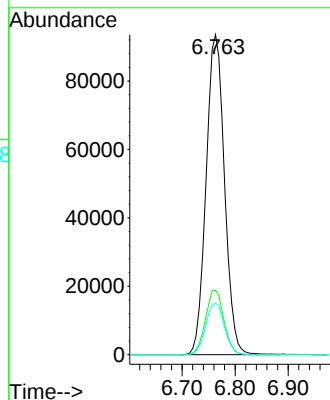
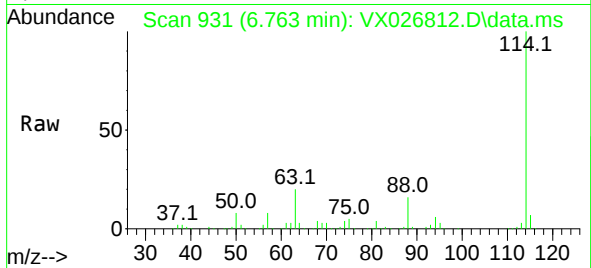




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX026812.D  
Acq: 08 Feb 2022 11:14

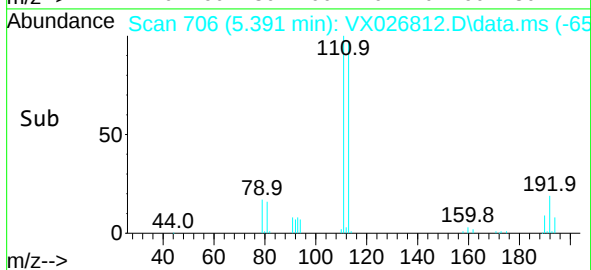
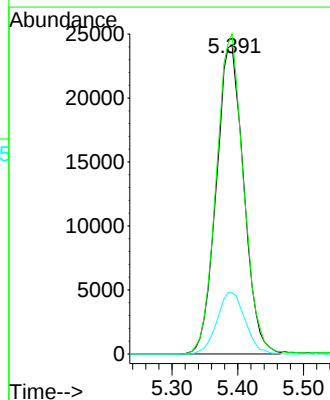
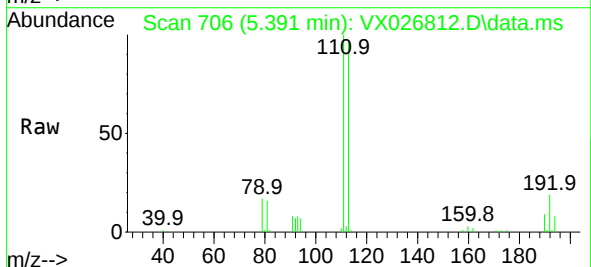
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0208MBL01

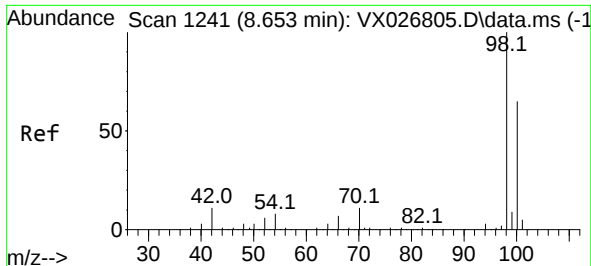
Tgt Ion:114 Resp: 225414  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 42.8  
88 16.1 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 52.141 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026812.D  
Acq: 08 Feb 2022 11:14

Tgt Ion:113 Resp: 70024  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.2 121.8  
192 20.4 15.0 22.4

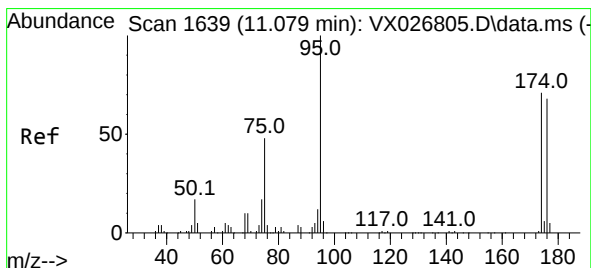
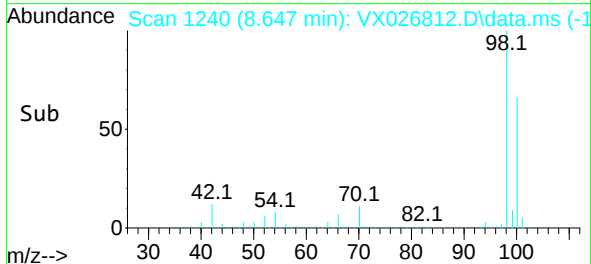
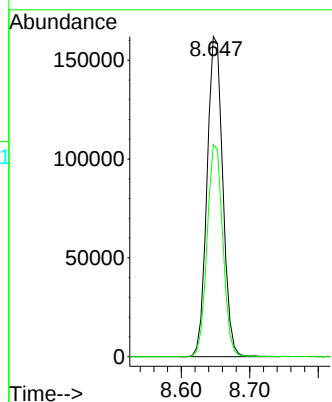
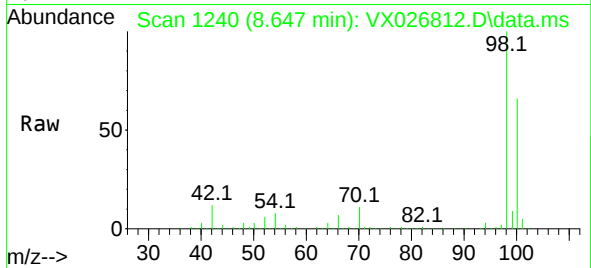




#50  
Toluene-d8  
Concen: 52.506 ug/l  
RT: 8.647 min Scan# 1132  
Delta R.T. -0.006 min  
Lab File: VX026812.D  
Acq: 08 Feb 2022 11:14

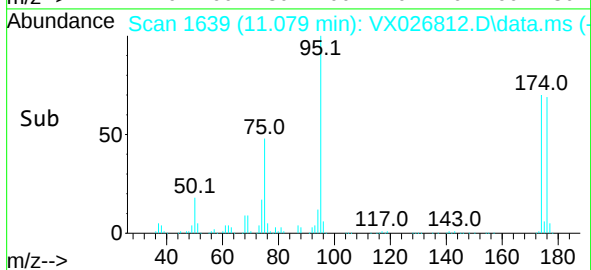
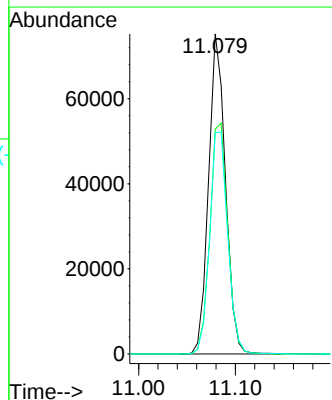
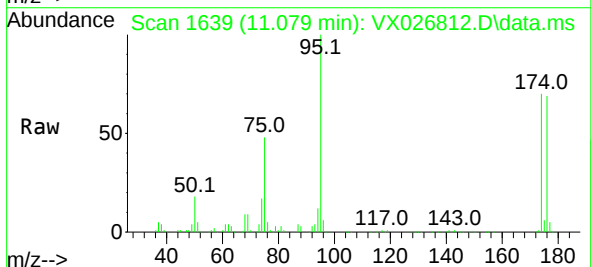
Instrument :  
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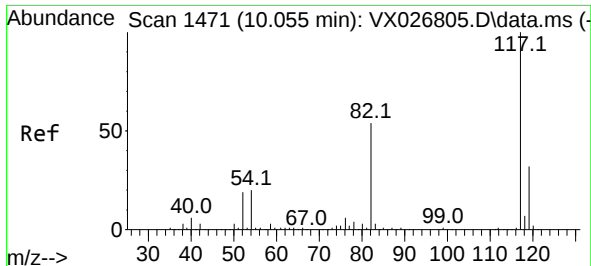
Tgt Ion: 98 Resp: 258837  
Ion Ratio Lower Upper  
98 100  
100 66.2 53.2 79.8



#62  
4-Bromofluorobenzene  
Concen: 52.670 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX026812.D  
Acq: 08 Feb 2022 11:14

Tgt Ion: 95 Resp: 91412  
Ion Ratio Lower Upper  
95 100  
174 76.2 0.0 148.6  
176 74.0 0.0 141.4

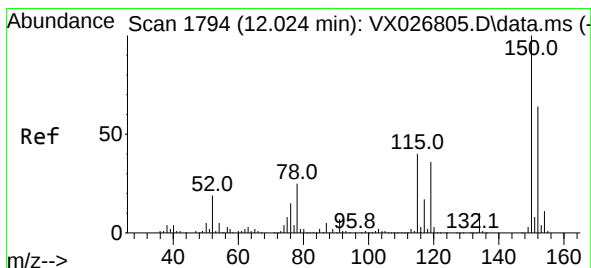
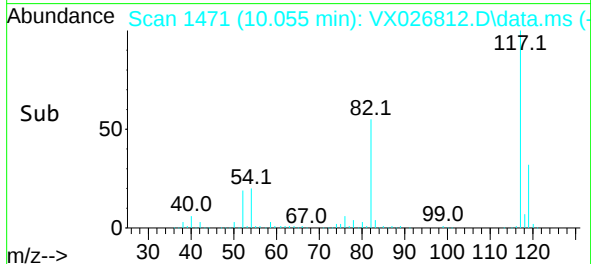
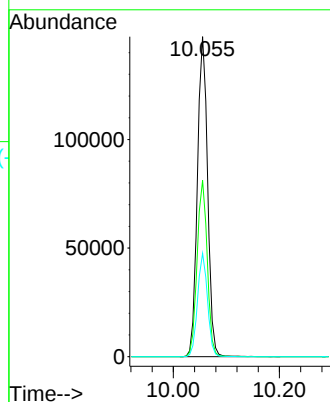
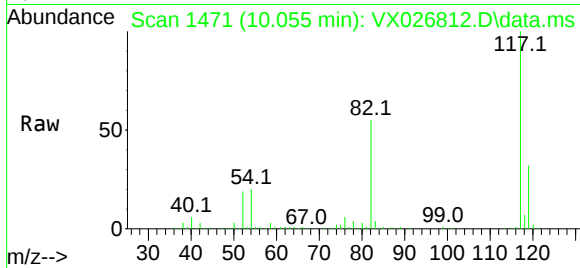




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026812.D  
Acq: 08 Feb 2022 11:14

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0208MBL01

Tgt Ion:117 Resp: 196312  
Ion Ratio Lower Upper  
117 100  
82 55.1 45.2 67.8  
119 32.3 26.2 39.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX026812.D  
Acq: 08 Feb 2022 11:14

Tgt Ion:152 Resp: 84889  
Ion Ratio Lower Upper  
152 100  
115 60.2 44.2 132.6  
150 157.6 0.0 348.2

