

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040925\  
 Data File : VX045665.D  
 Acq On : 09 Apr 2025 11:03  
 Operator : JC/MD  
 Sample : VX0409MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0409MBL01

Quant Time: Apr 10 01:33:27 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.544  | 168   | 66926    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.751  | 114   | 133158   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 126503   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 54989    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 66494    | 54.330   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 108.660% |          |
| 35) Dibromofluoromethane    | 5.373  | 113   | 48699    | 51.547   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 103.100% |          |
| 50) Toluene-d8              | 8.647  | 98    | 167343   | 50.747   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 101.500% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 65559    | 54.581   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 109.160% |          |

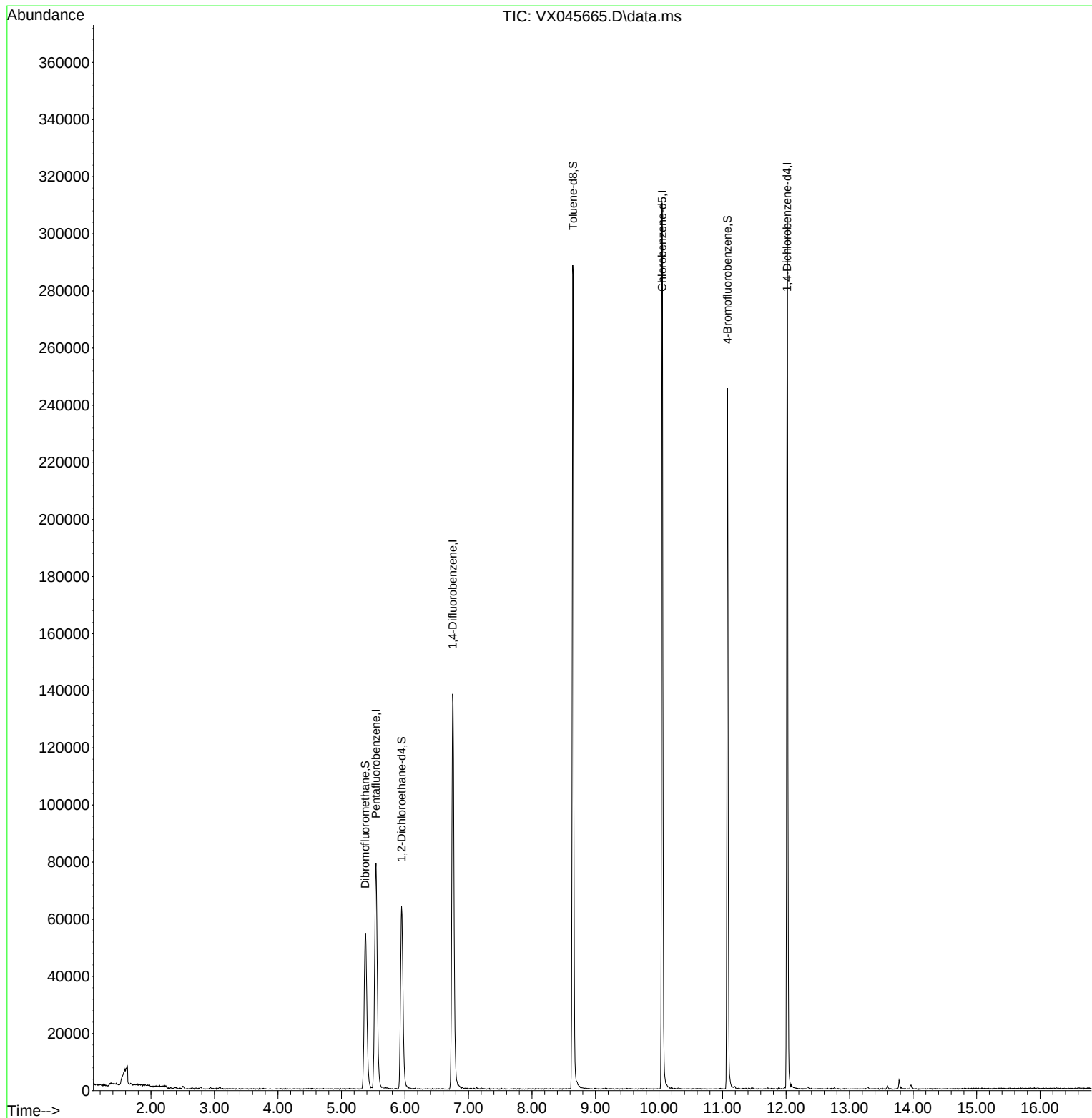
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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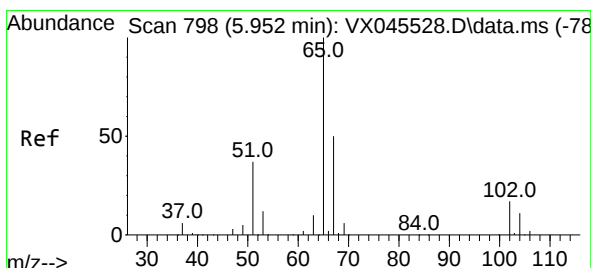
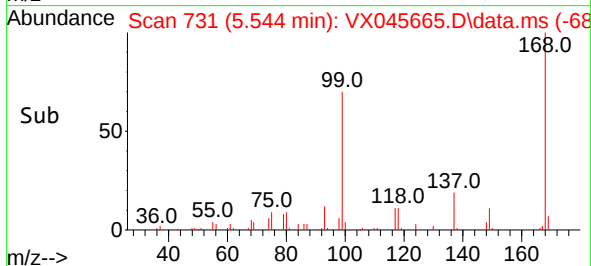
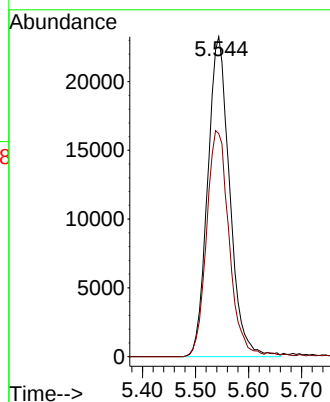
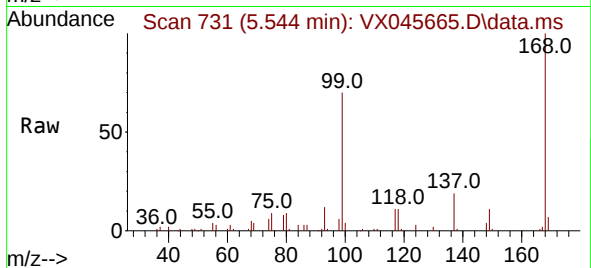




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045665.D  
Acq: 09 Apr 2025 11:03

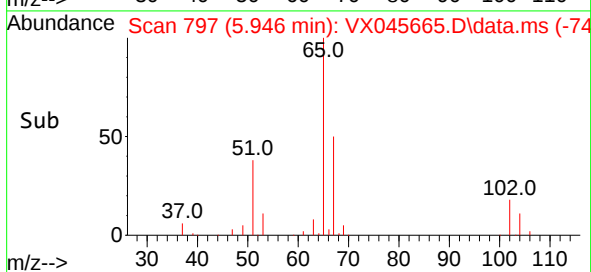
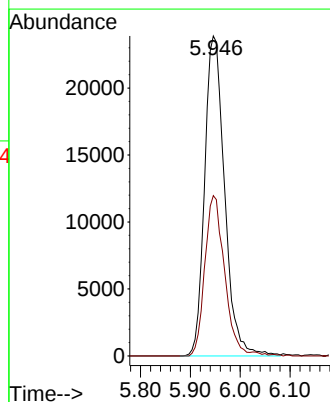
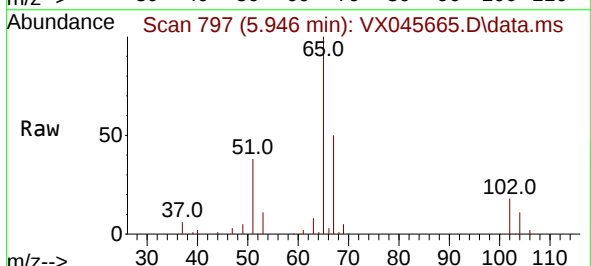
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0409MBL01

Tgt Ion:168 Resp: 66926  
Ion Ratio Lower Upper  
168 100  
99 69.7 52.3 78.5



#33  
1,2-Dichloroethane-d4  
Concen: 54.330 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: VX045665.D  
Acq: 09 Apr 2025 11:03

Tgt Ion: 65 Resp: 66494  
Ion Ratio Lower Upper  
65 100  
67 49.0 0.0 99.0

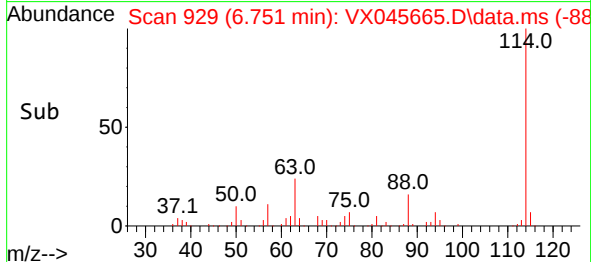
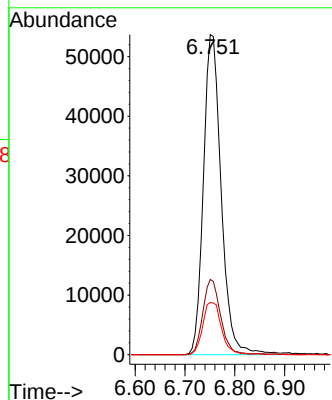
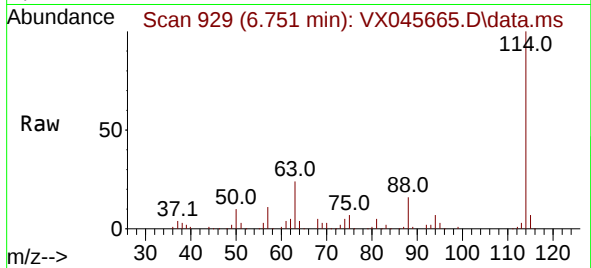




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.751 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX045665.D  
Acq: 09 Apr 2025 11:03

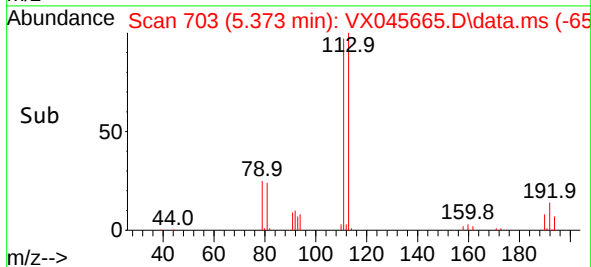
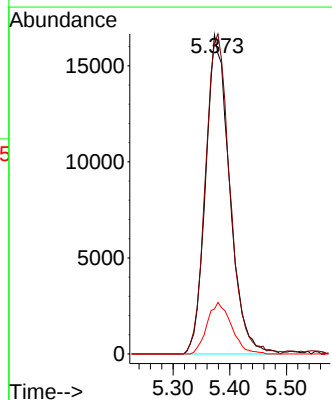
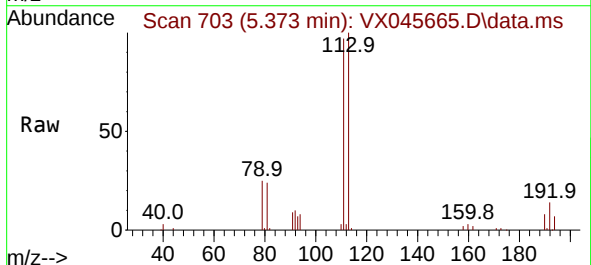
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0409MBL01

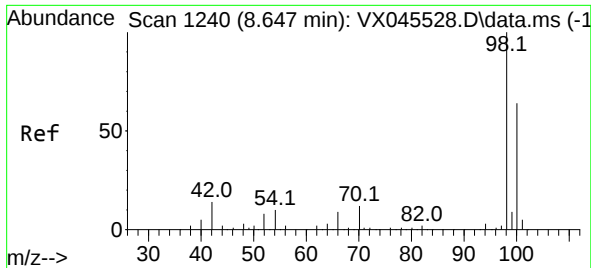
Tgt Ion:114 Resp: 133158  
Ion Ratio Lower Upper  
114 100  
63 23.5 0.0 46.8  
88 16.3 0.0 35.4



#35  
Dibromofluoromethane  
Concen: 51.547 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VX045665.D  
Acq: 09 Apr 2025 11:03

Tgt Ion:113 Resp: 48699  
Ion Ratio Lower Upper  
113 100  
111 102.4 81.8 122.6  
192 16.4 13.8 20.6

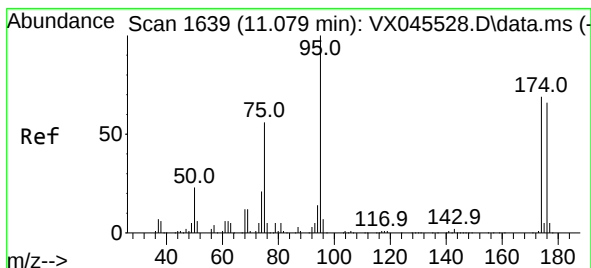
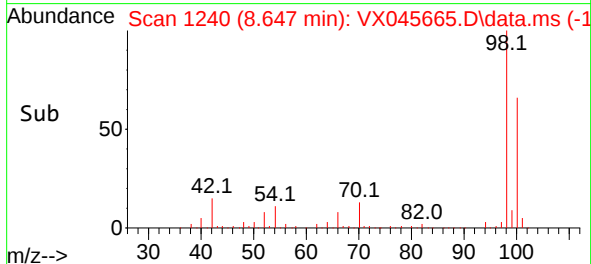
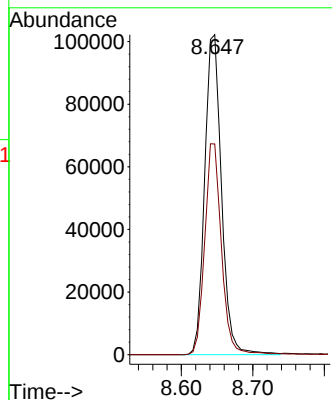
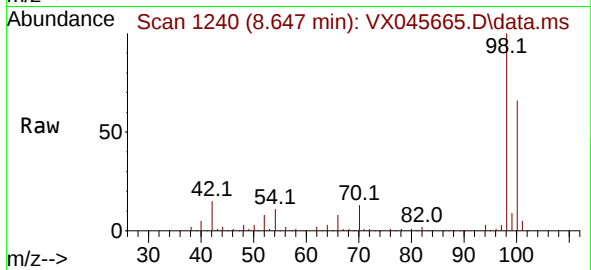




#50  
Toluene-d8  
Concen: 50.747 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX045665.D  
Acq: 09 Apr 2025 11:03

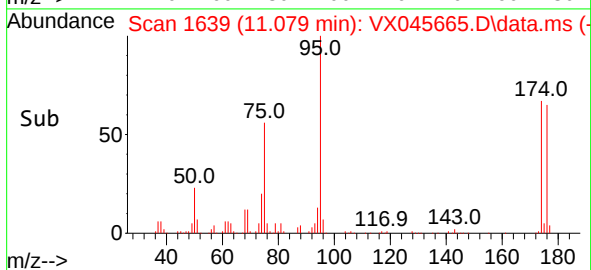
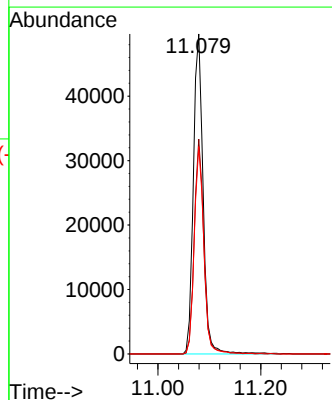
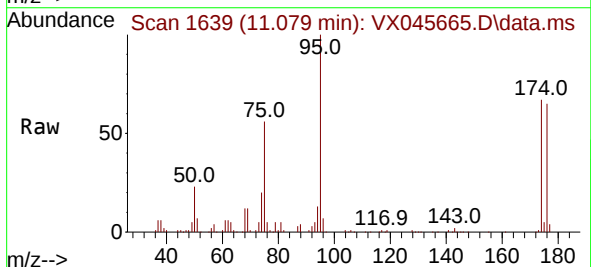
Instrument :  
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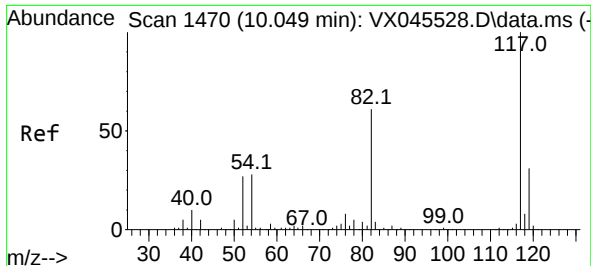
Tgt Ion: 98 Resp: 167343  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 54.581 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX045665.D  
Acq: 09 Apr 2025 11:03

Tgt Ion: 95 Resp: 65559  
Ion Ratio Lower Upper  
95 100  
174 65.4 0.0 135.8  
176 64.0 0.0 131.4

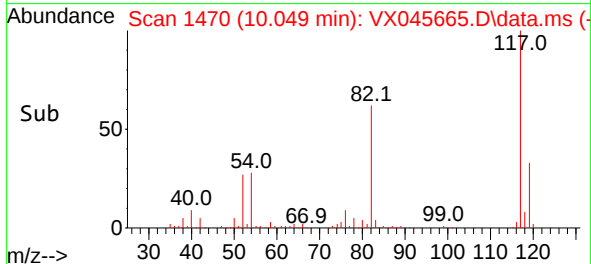
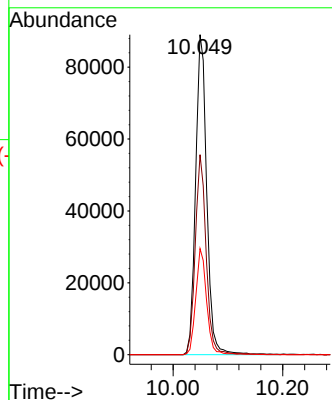
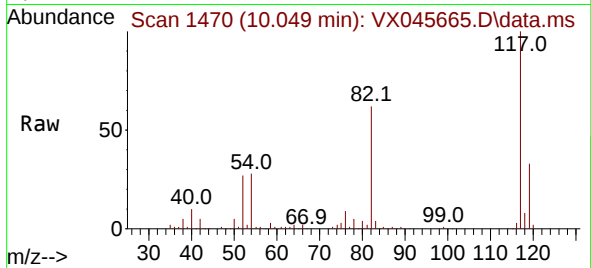




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX045665.D  
Acq: 09 Apr 2025 11:03

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0409MBL01

Tgt Ion:117 Resp: 126503  
Ion Ratio Lower Upper  
117 100  
82 62.5 49.2 73.8  
119 33.1 25.1 37.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX045665.D  
Acq: 09 Apr 2025 11:03

Tgt Ion:152 Resp: 54989  
Ion Ratio Lower Upper  
152 100  
115 65.2 46.9 140.7  
150 159.1 0.0 349.4

