

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052125\  
 Data File : VX046293.D  
 Acq On : 21 May 2025 13:32  
 Operator : JC/MD  
 Sample : Q2075-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FB-05162025

Quant Time: May 22 01:48:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 67975    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 135035   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 128288   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 55957    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 66150    | 52.199   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 104.400% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 48762    | 50.146   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.300% |          |
| 50) Toluene-d8              | 8.647  | 98    | 169067   | 50.234   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 100.460% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 66765    | 51.716   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 103.440% |          |

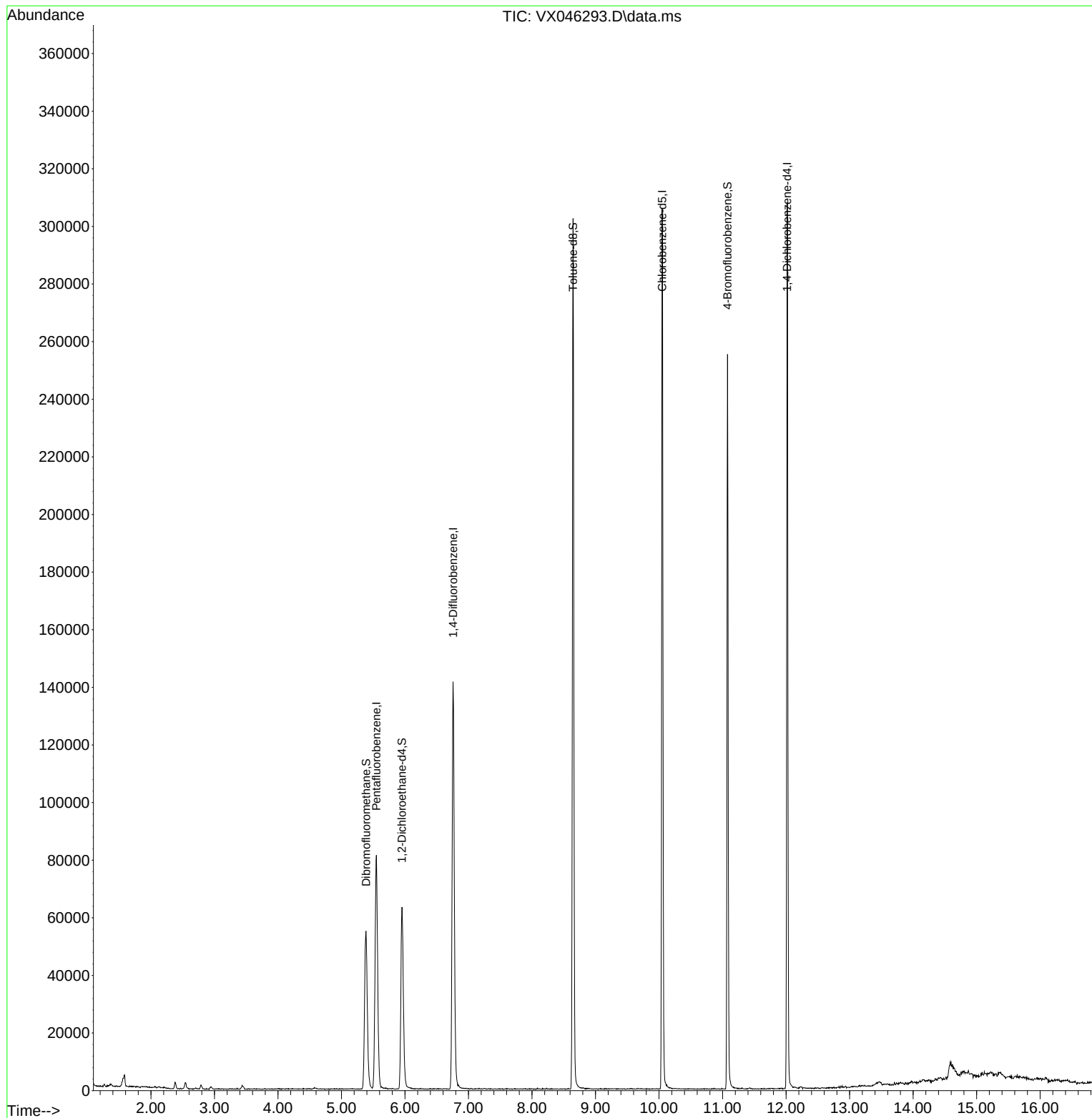
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

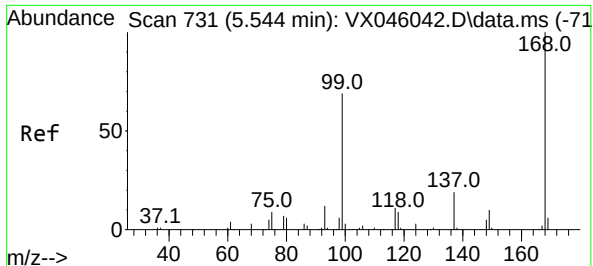
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 06 07:12:22 2025  
Response via : Initial Calibration

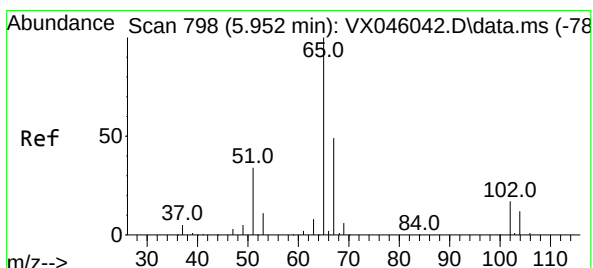
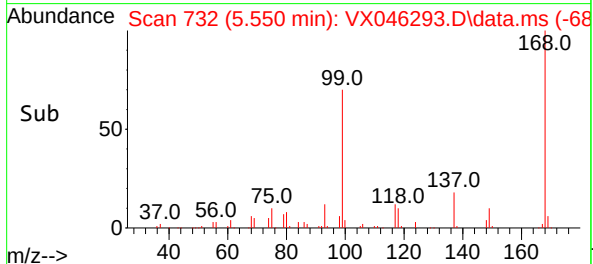
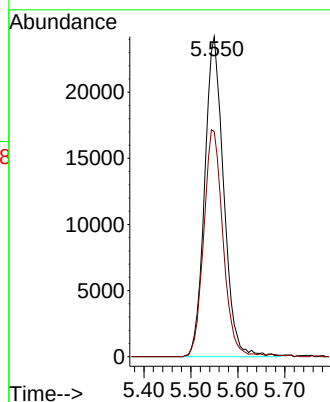
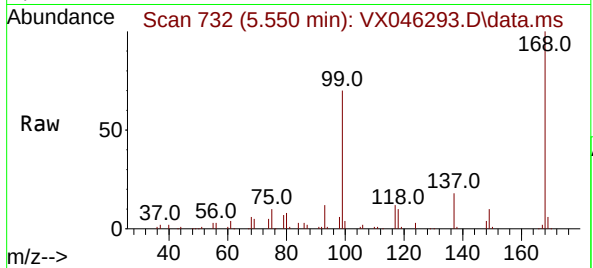




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX046293.D  
Acq: 21 May 2025 13:32

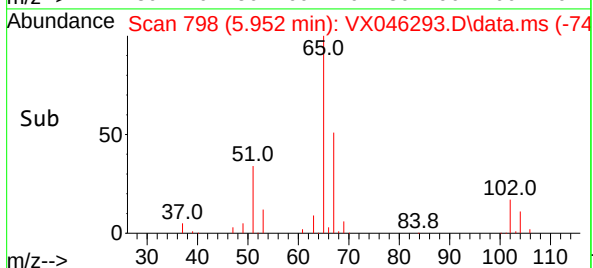
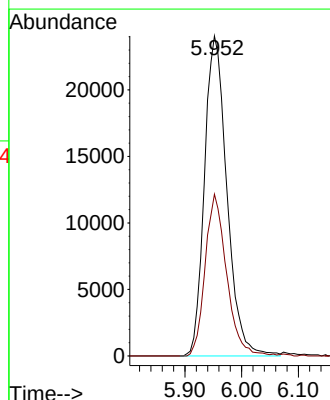
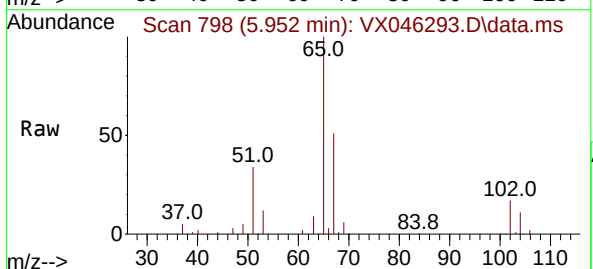
Instrument :  
MSVOA\_X  
ClientSampleId :  
FB-05162025

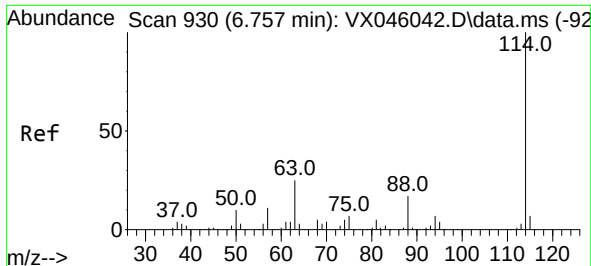
Tgt Ion:168 Resp: 67975  
Ion Ratio Lower Upper  
168 100  
99 70.3 54.9 82.3



#33  
1,2-Dichloroethane-d4  
Concen: 52.199 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX046293.D  
Acq: 21 May 2025 13:32

Tgt Ion: 65 Resp: 66150  
Ion Ratio Lower Upper  
65 100  
67 48.3 0.0 99.0

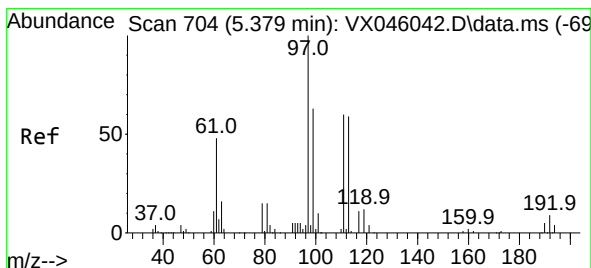
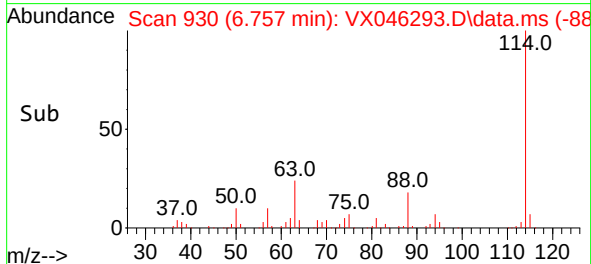
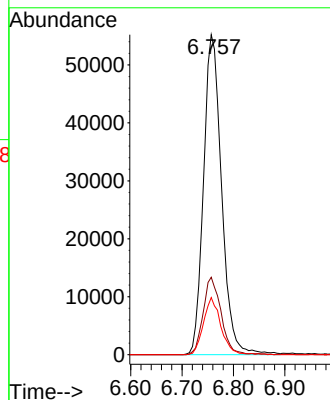
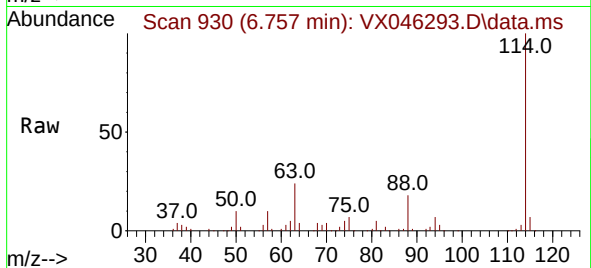




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VX046293.D  
 Acq: 21 May 2025 13:32

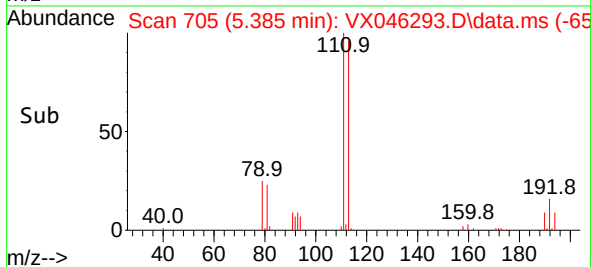
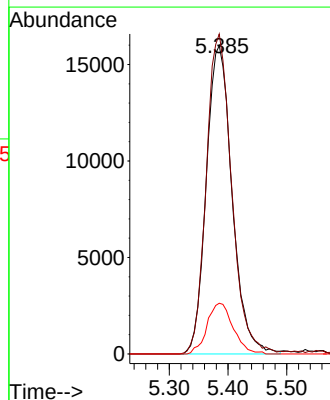
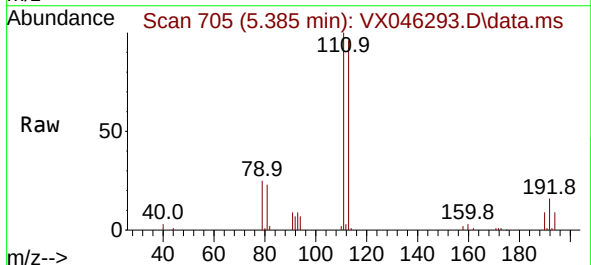
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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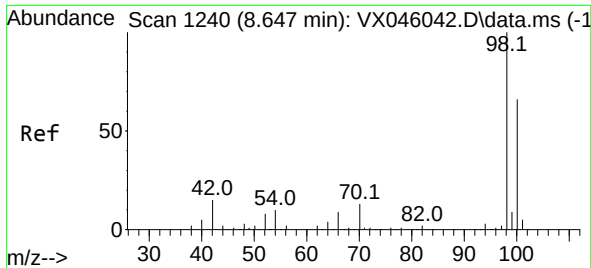
Tgt Ion:114 Resp: 135035  
 Ion Ratio Lower Upper  
 114 100  
 63 24.2 0.0 49.2  
 88 17.8 0.0 33.6



#35  
 Dibromofluoromethane  
 Concen: 50.146 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. 0.006 min  
 Lab File: VX046293.D  
 Acq: 21 May 2025 13:32

Tgt Ion:113 Resp: 48762  
 Ion Ratio Lower Upper  
 113 100  
 111 102.1 83.1 124.7  
 192 16.6 13.3 19.9

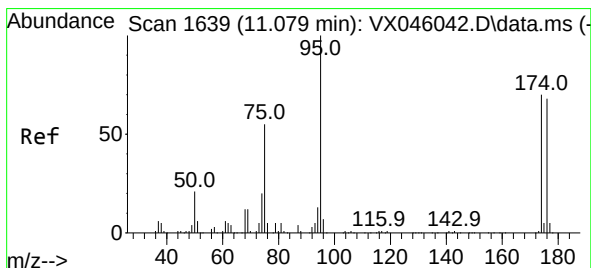
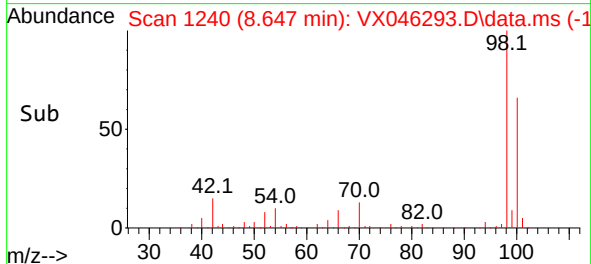
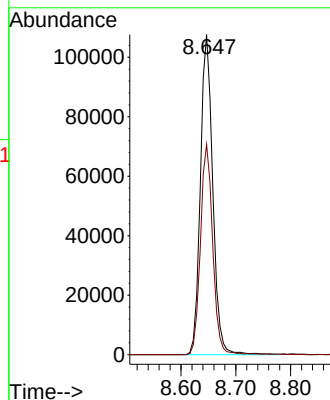
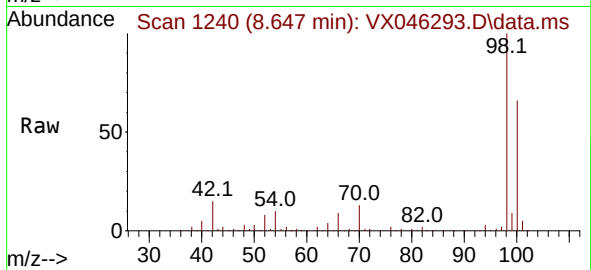




#50  
Toluene-d8  
Concen: 50.234 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046293.D  
Acq: 21 May 2025 13:32

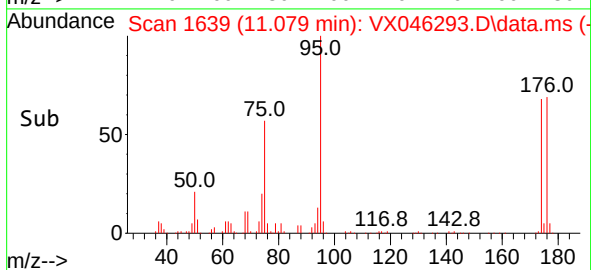
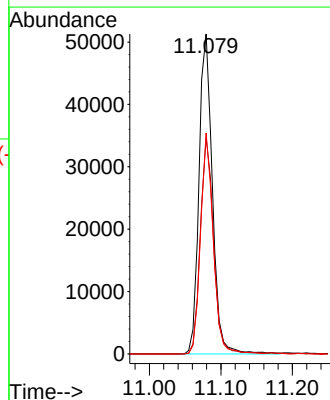
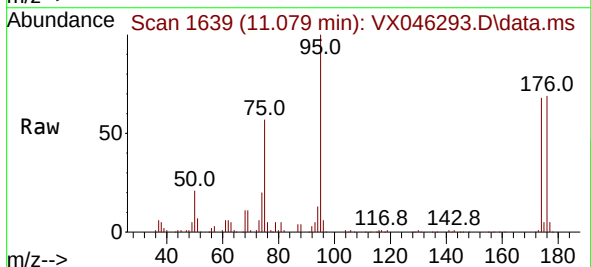
Instrument :  
MSVOA\_X  
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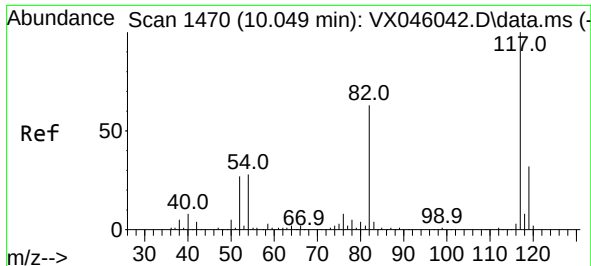
Tgt Ion: 98 Resp: 169067  
Ion Ratio Lower Upper  
98 100  
100 65.1 53.5 80.3



#62  
4-Bromofluorobenzene  
Concen: 51.716 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046293.D  
Acq: 21 May 2025 13:32

Tgt Ion: 95 Resp: 66765  
Ion Ratio Lower Upper  
95 100  
174 67.1 0.0 135.8  
176 65.1 0.0 131.4

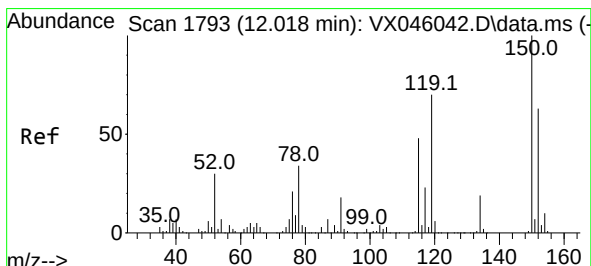
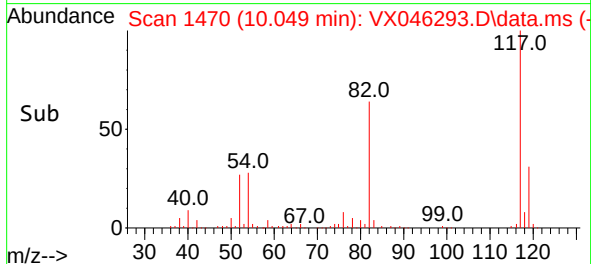
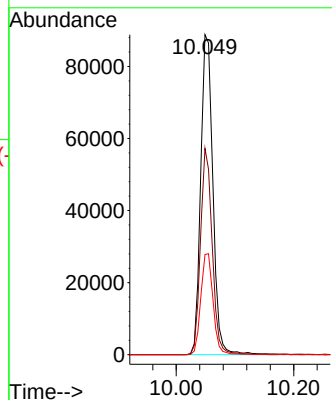
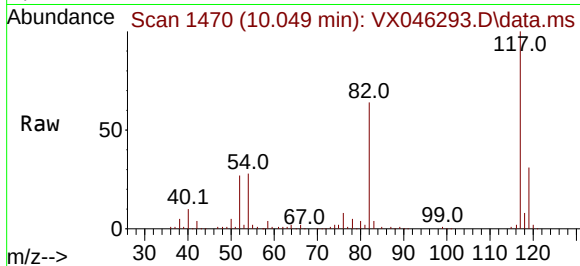




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX046293.D  
Acq: 21 May 2025 13:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
FB-05162025

Tgt Ion:117 Resp: 128288  
Ion Ratio Lower Upper  
117 100  
82 64.4 50.6 76.0  
119 31.3 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX046293.D  
Acq: 21 May 2025 13:32

Tgt Ion:152 Resp: 55957  
Ion Ratio Lower Upper  
152 100  
115 65.3 46.9 140.7  
150 158.4 0.0 351.0

