

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060425\  
 Data File : VX046506.D  
 Acq On : 04 Jun 2025 17:25  
 Operator : JC/MD  
 Sample : Q2198-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B-202-GW01

Quant Time: Jun 05 02:02:35 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

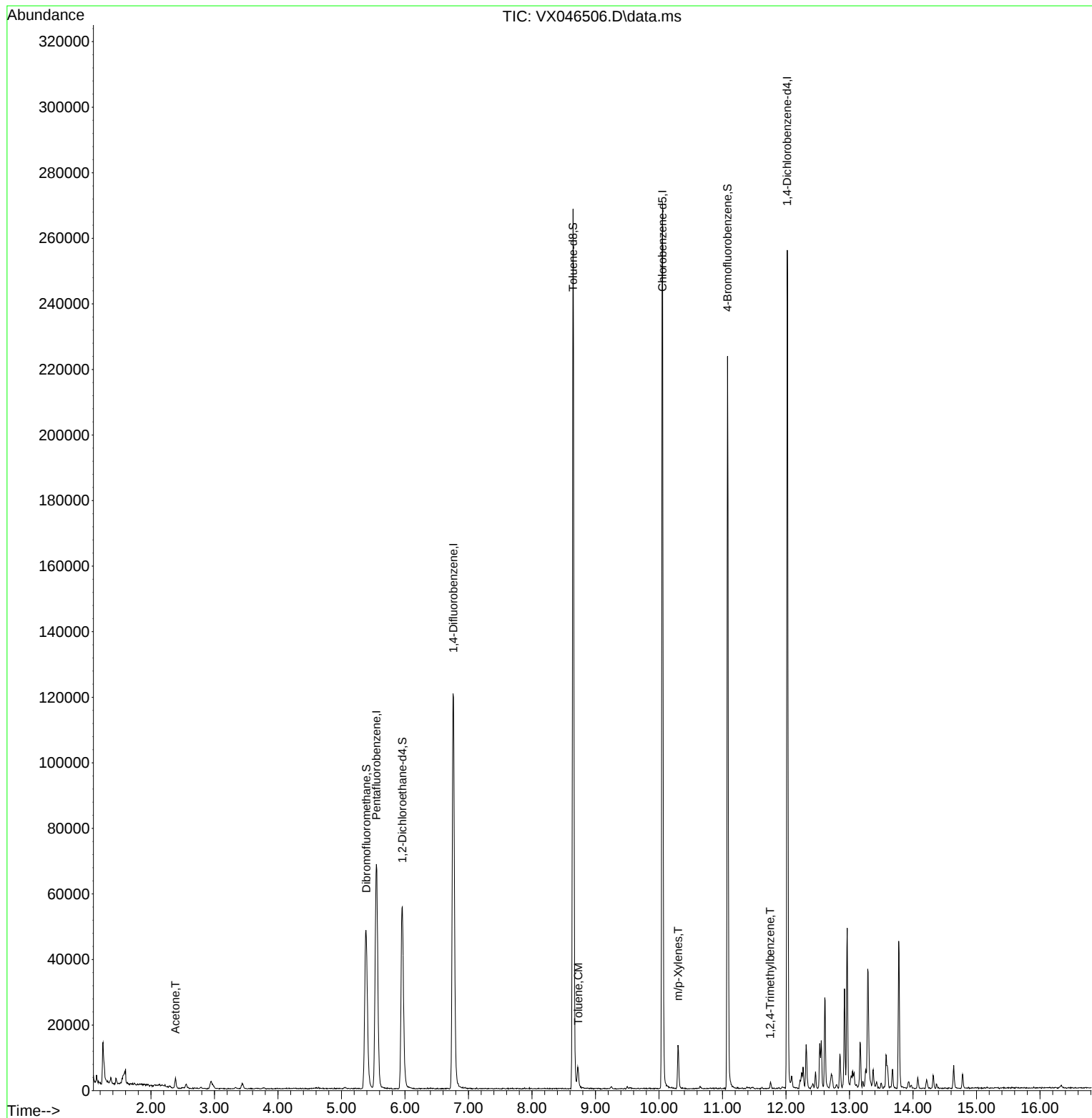
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 60413    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 119148   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 111234   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 48853    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 58784    | 52.192   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 104.380% |          |
| 35) Dibromofluoromethane    | 5.391  | 113   | 43685    | 50.915   | ug/l       | 0.01     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 101.840% |          |
| 50) Toluene-d8              | 8.647  | 98    | 149002   | 50.175   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 100.360% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 59600    | 52.322   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 104.640% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.386  | 43    | 2996     | 6.634    | ug/l       | 100      |
| 52) Toluene                 | 8.726  | 92    | 2404     | 1.161    | ug/l       | 96       |
| 68) m/p-Xylenes             | 10.299 | 106   | 3157     | 2.011    | ug/l       | 95       |
| 84) 1,2,4-Trimethylbenzene  | 11.750 | 105   | 1264     | 0.393    | ug/l       | 86       |
| -----                       |        |       |          |          |            |          |

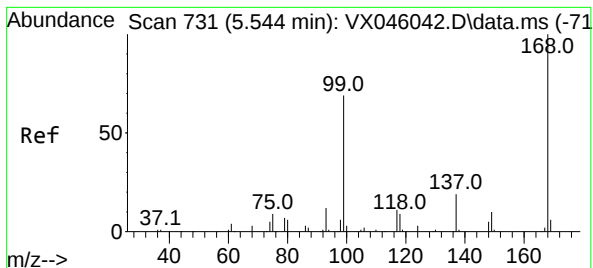
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060425\  
Data File : VX046506.D  
Acq On : 04 Jun 2025 17:25  
Operator : JC/MD  
Sample : Q2198-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
B-202-GW01

Quant Time: Jun 05 02:02:35 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX046506.D

Acq: 04 Jun 2025 17:25

Instrument :

MSVOA\_X

ClientSampleId :

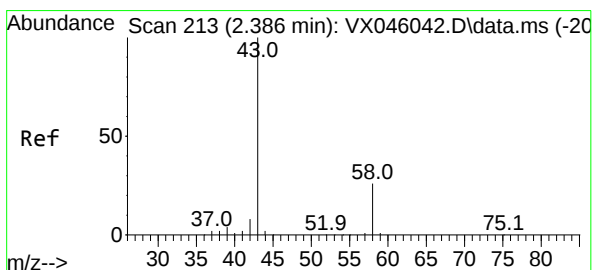
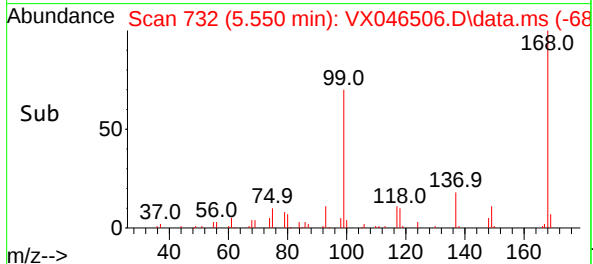
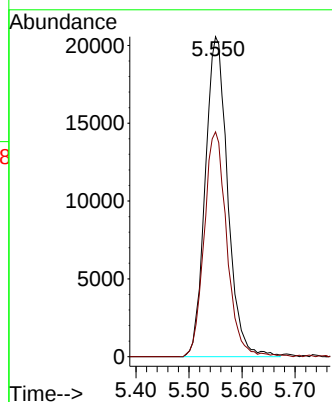
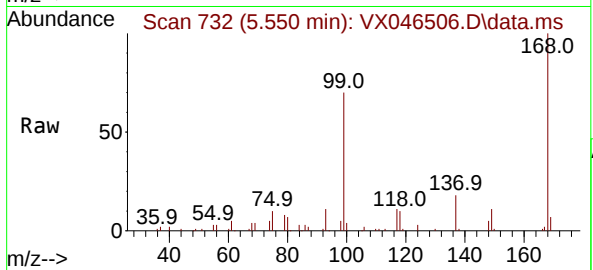
B-202-GW01

Tgt Ion:168 Resp: 60413

Ion Ratio Lower Upper

168 100

99 70.2 54.9 82.3



#16

Acetone

Concen: 6.634 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX046506.D

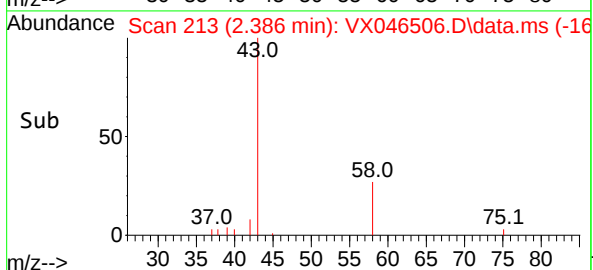
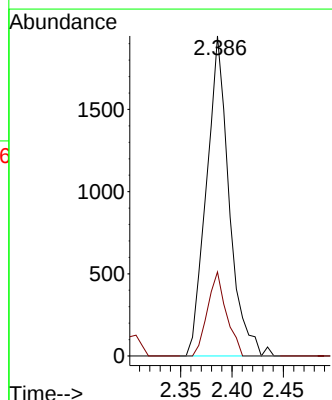
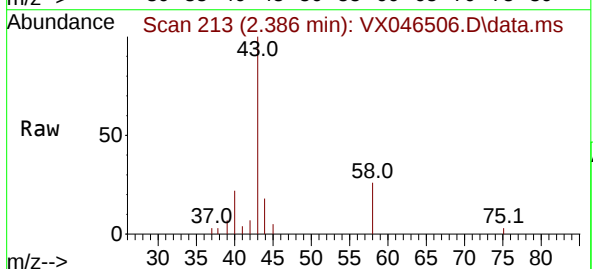
Acq: 04 Jun 2025 17:25

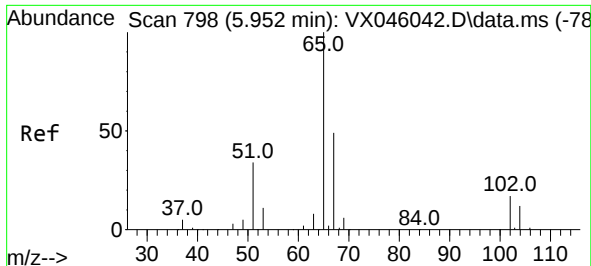
Tgt Ion: 43 Resp: 2996

Ion Ratio Lower Upper

43 100

58 26.2 21.2 31.8

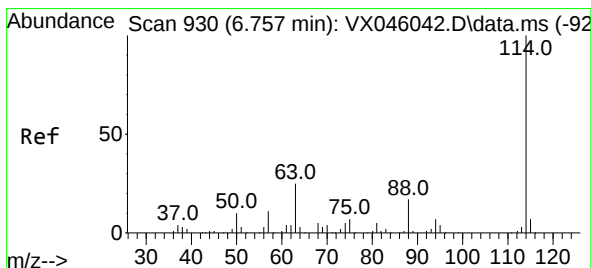
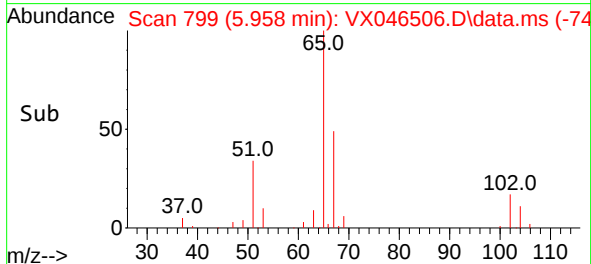
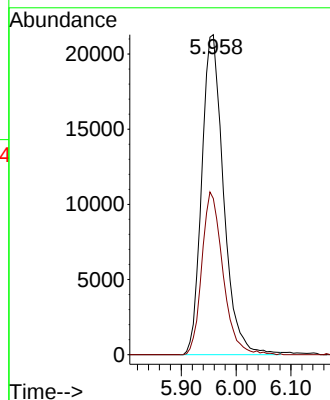
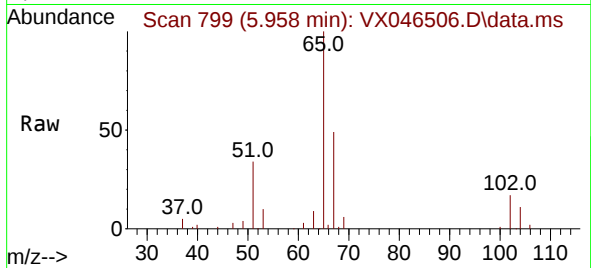




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.192 ug/l  
 RT: 5.958 min Scan# 798  
 Delta R.T. 0.006 min  
 Lab File: VX046506.D  
 Acq: 04 Jun 2025 17:25

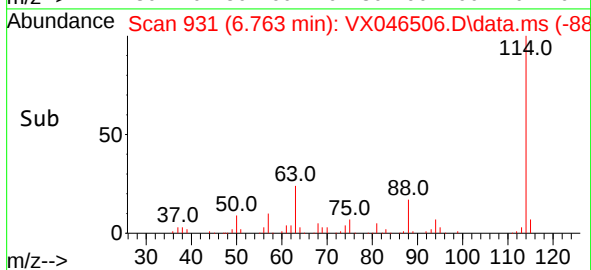
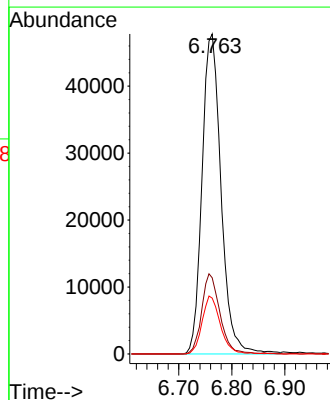
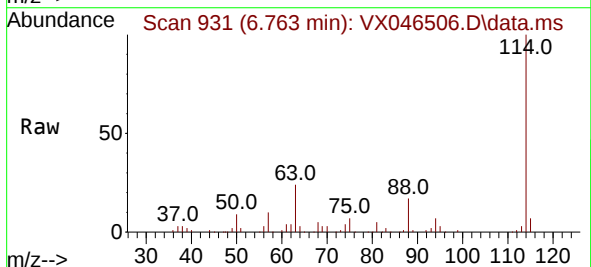
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B-202-GW01

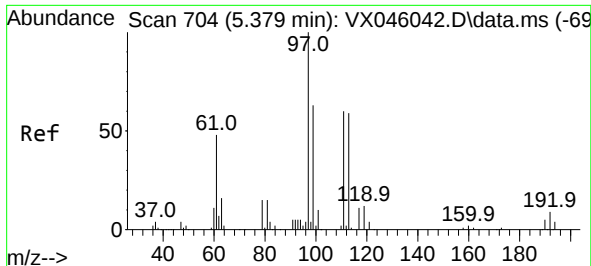
Tgt Ion: 65 Resp: 58784  
 Ion Ratio Lower Upper  
 65 100  
 67 49.3 0.0 99.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.006 min  
 Lab File: VX046506.D  
 Acq: 04 Jun 2025 17:25

Tgt Ion: 114 Resp: 119148  
 Ion Ratio Lower Upper  
 114 100  
 63 23.8 0.0 49.2  
 88 17.4 0.0 33.6

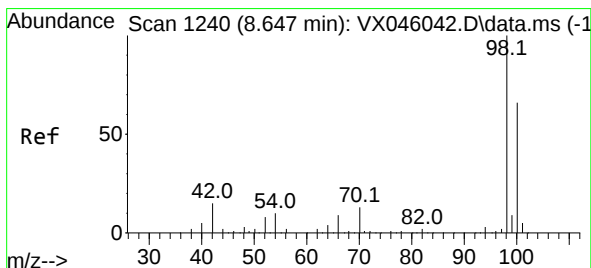
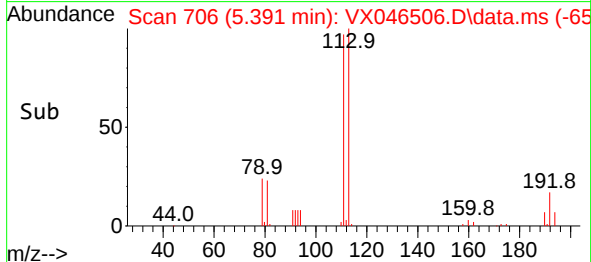
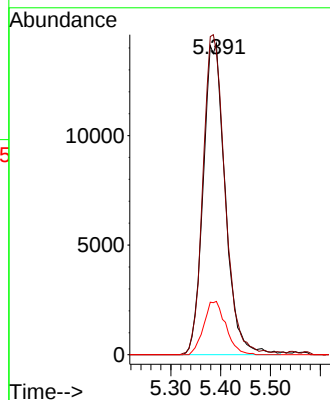
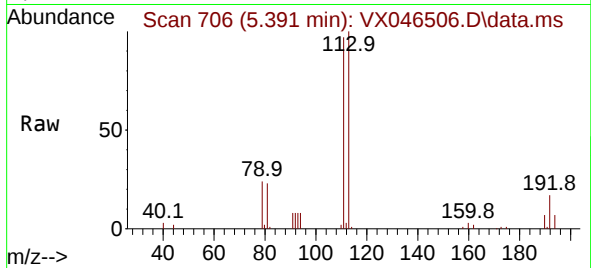




#35  
Dibromofluoromethane  
Concen: 50.915 ug/l  
RT: 5.391 min Scan# 704  
Delta R.T. 0.012 min  
Lab File: VX046506.D  
Acq: 04 Jun 2025 17:25

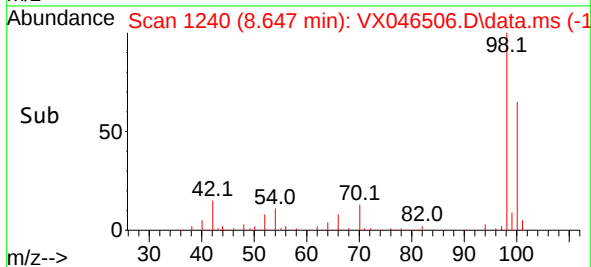
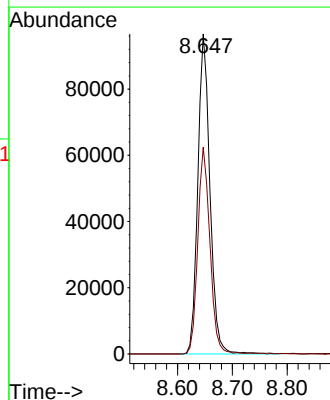
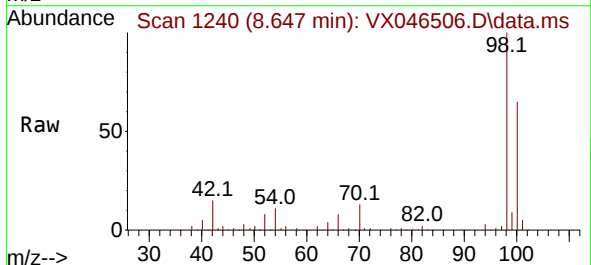
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-202-GW01

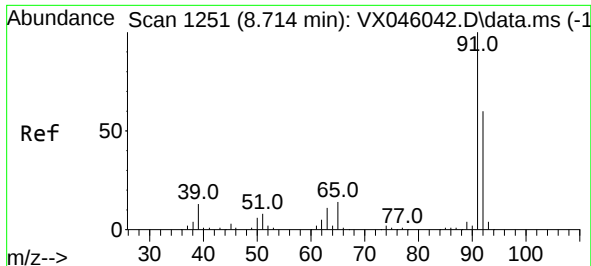
Tgt Ion:113 Resp: 43685  
Ion Ratio Lower Upper  
113 100  
111 102.3 83.1 124.7  
192 17.2 13.3 19.9



#50  
Toluene-d8  
Concen: 50.175 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX046506.D  
Acq: 04 Jun 2025 17:25

Tgt Ion: 98 Resp: 149002  
Ion Ratio Lower Upper  
98 100  
100 64.6 53.5 80.3

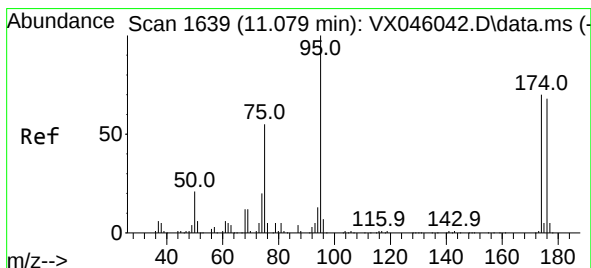
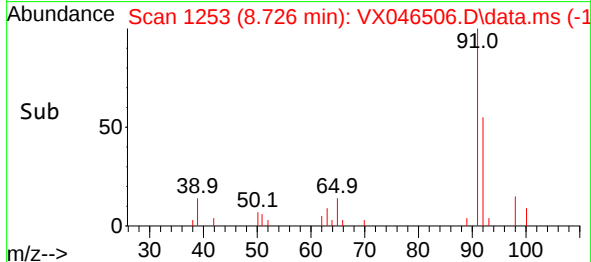
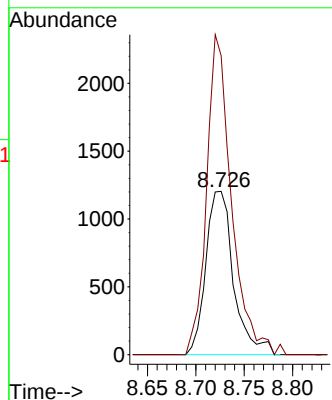
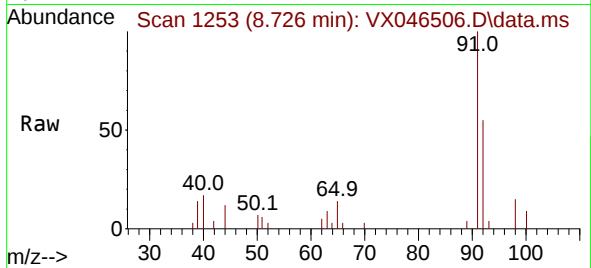




#52  
Toluene  
Concen: 1.161 ug/l  
RT: 8.726 min Scan# 1253  
Delta R.T. 0.012 min  
Lab File: VX046506.D  
Acq: 04 Jun 2025 17:25

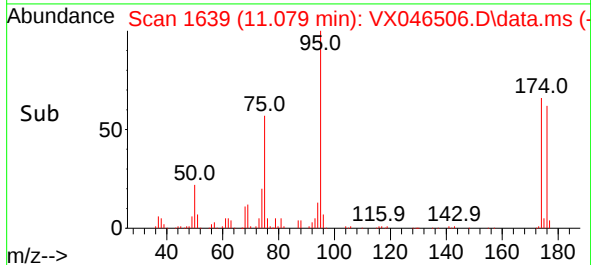
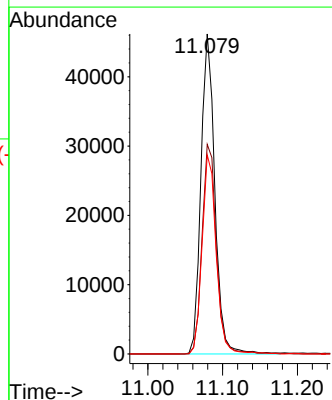
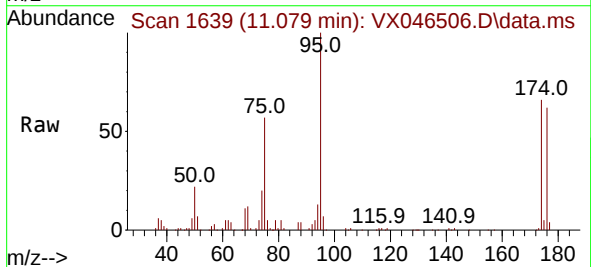
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-202-GW01

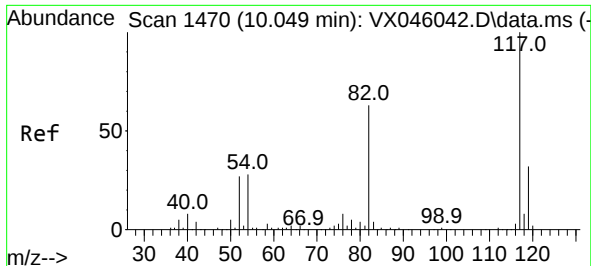
Tgt Ion: 92 Resp: 2404  
Ion Ratio Lower Upper  
92 100  
91 176.2 136.6 205.0



#62  
4-Bromofluorobenzene  
Concen: 52.322 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX046506.D  
Acq: 04 Jun 2025 17:25

Tgt Ion: 95 Resp: 59600  
Ion Ratio Lower Upper  
95 100  
174 67.9 0.0 135.8  
176 63.3 0.0 131.4

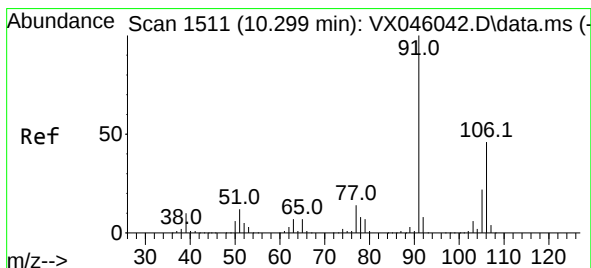
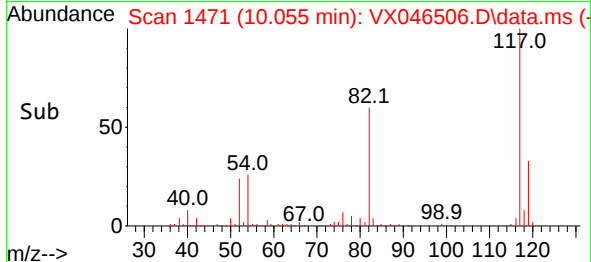
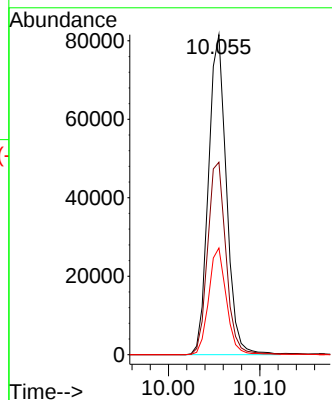
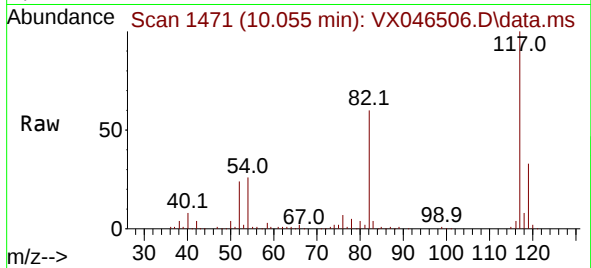




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VX046506.D  
Acq: 04 Jun 2025 17:25

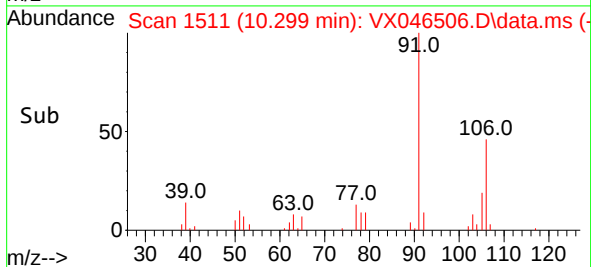
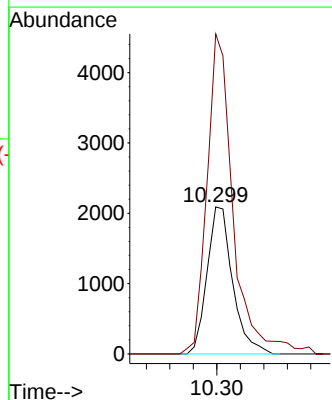
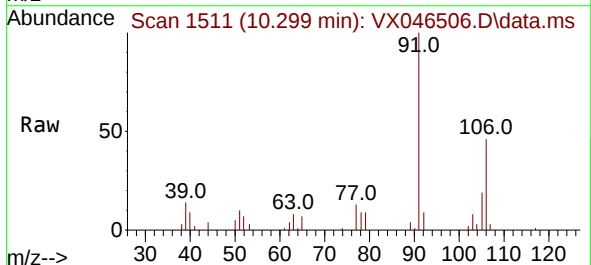
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-202-GW01

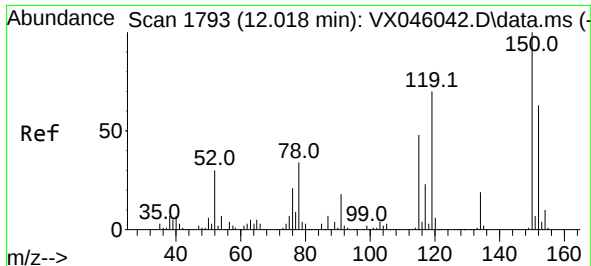
Tgt Ion:117 Resp: 111234  
Ion Ratio Lower Upper  
117 100  
82 60.1 50.6 76.0  
119 33.4 25.8 38.6



#68  
m/p-Xylenes  
Concen: 2.011 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX046506.D  
Acq: 04 Jun 2025 17:25

Tgt Ion:106 Resp: 3157  
Ion Ratio Lower Upper  
106 100  
91 222.2 171.2 256.8

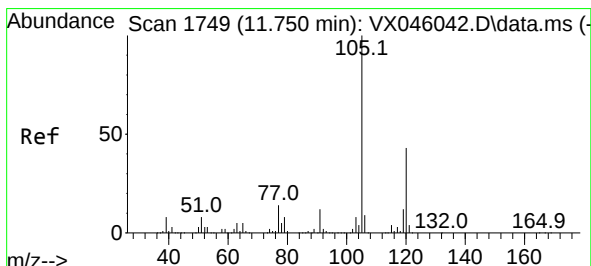
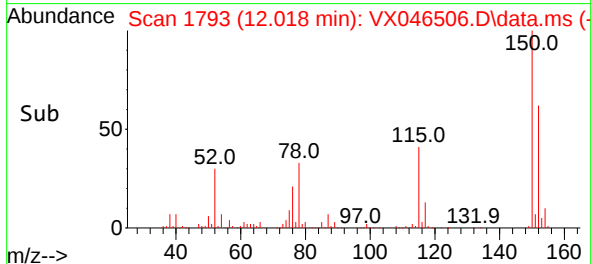
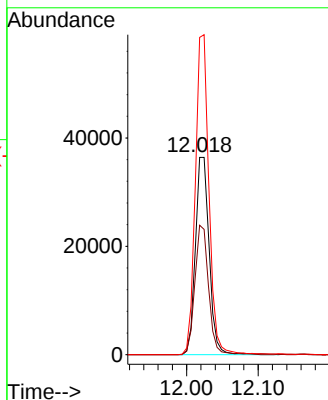
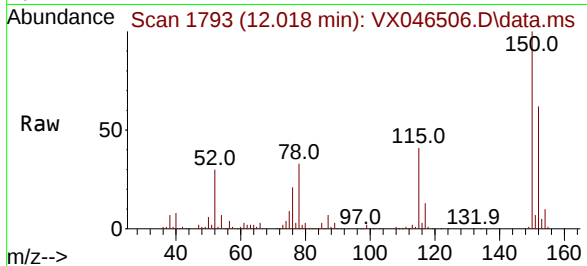




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX046506.D  
 Acq: 04 Jun 2025 17:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B-202-GW01

Tgt Ion:152 Resp: 48853  
 Ion Ratio Lower Upper  
 152 100  
 115 65.3 46.9 140.7  
 150 159.4 0.0 351.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.393 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. 0.000 min  
 Lab File: VX046506.D  
 Acq: 04 Jun 2025 17:25

Tgt Ion:105 Resp: 1264  
 Ion Ratio Lower Upper  
 105 100  
 120 33.8 21.2 63.6

