

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071425\  
 Data File : VX046978.D  
 Acq On : 14 Jul 2025 16:49  
 Operator : JC/MD  
 Sample : Q2578-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-A2-10-G

Quant Time: Jul 15 01:23:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 03 05:51:11 2025  
 Response via : Initial Calibration

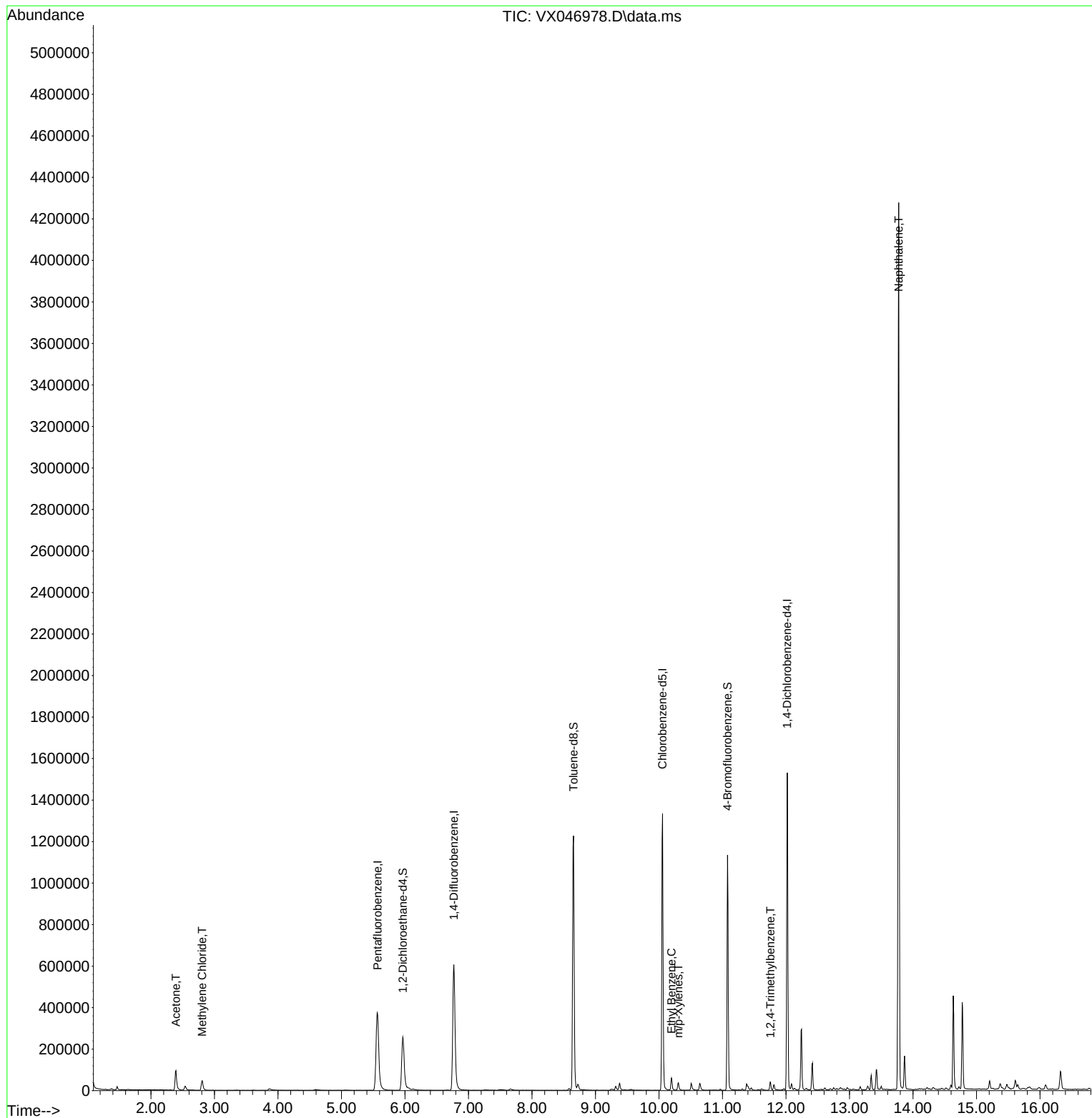
| Compound                    | R.T.   | QIon           | Response | Conc       | Units | Dev(Min) |
|-----------------------------|--------|----------------|----------|------------|-------|----------|
| -----                       |        |                |          |            |       |          |
| Internal Standards          |        |                |          |            |       |          |
| 1) Pentafluorobenzene       | 5.568  | 168            | 382736   | 50.000     | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114            | 656056   | 50.000     | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117            | 592257   | 50.000     | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152            | 309717   | 50.000     | ug/l  | 0.00     |
| System Monitoring Compounds |        |                |          |            |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65             | 268556   | 53.113     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 78 - 117 | Recovery | = 106.220% |       |          |
| 35) Dibromofluoromethane    | 5.410  | 113            | 62       | 0.014      | ug/l  | 0.01     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | = 0.020%#  |       |          |
| 50) Toluene-d8              | 8.653  | 98             | 755896   | 48.109     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 92 - 112 | Recovery | = 96.220%  |       |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95             | 308582   | 51.675     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 83 - 123 | Recovery | = 103.360% |       |          |
| Target Compounds            |        |                |          |            |       |          |
|                             |        |                |          |            |       | Qvalue   |
| 16) Acetone                 | 2.392  | 43             | 115125   | 73.300     | ug/l  | 98       |
| 20) Methylene Chloride      | 2.806  | 84             | 23740    | 5.112      | ug/l  | 98       |
| 67) Ethyl Benzene           | 10.195 | 91             | 36201    | 1.651      | ug/l  | 97       |
| 68) m/p-Xylenes             | 10.305 | 106            | 9083     | 1.099      | ug/l  | 91       |
| 84) 1,2,4-Trimethylbenzene  | 11.756 | 105            | 18417    | 1.030      | ug/l  | 93       |
| 95) Naphthalene             | 13.774 | 128            | 2613851  | 148.558    | ug/l  | 100      |
| -----                       |        |                |          |            |       |          |

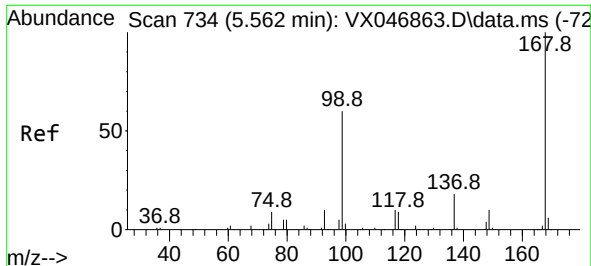
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Jul 03 05:51:11 2025  
Response via : Initial Calibration

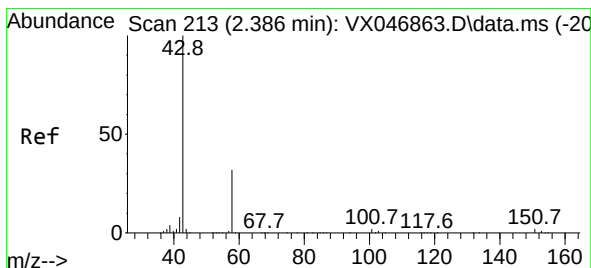
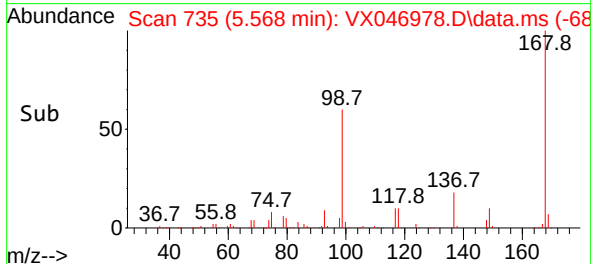
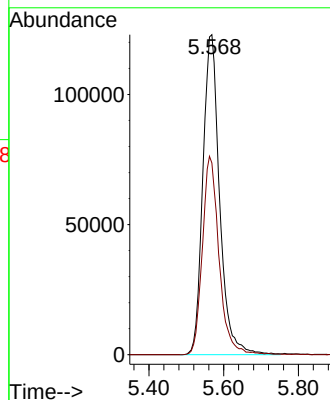
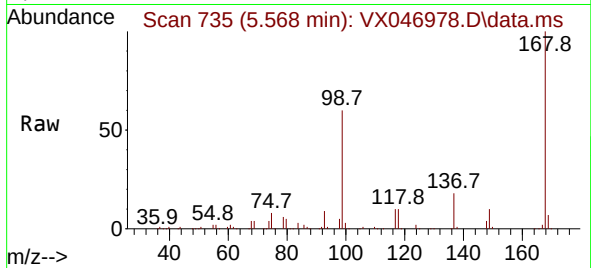




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.568 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

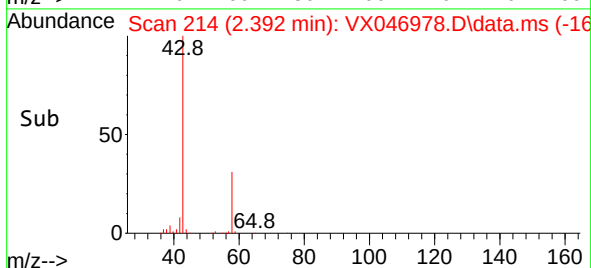
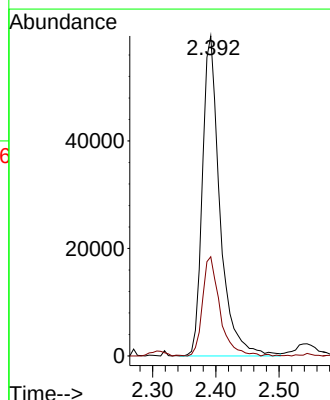
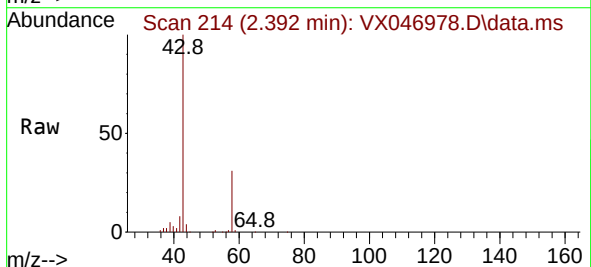
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-A2-10-G

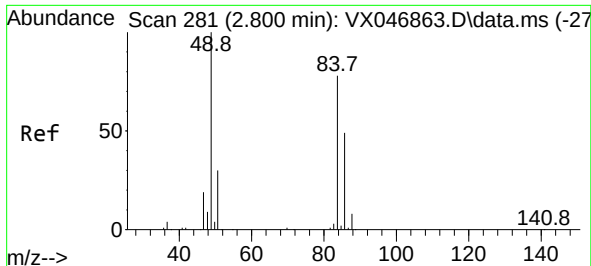
Tgt Ion:168 Resp: 382736  
Ion Ratio Lower Upper  
168 100  
99 59.9 48.8 73.2



#16  
Acetone  
Concen: 73.300 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

Tgt Ion: 43 Resp: 115125  
Ion Ratio Lower Upper  
43 100  
58 30.9 25.8 38.6

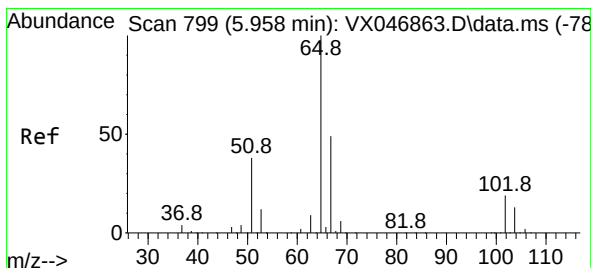
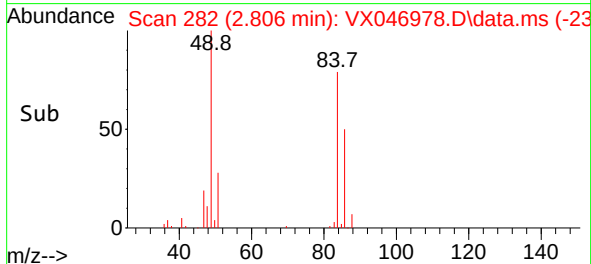
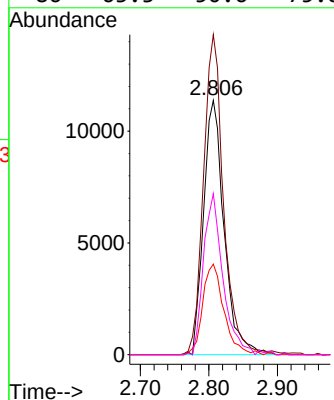
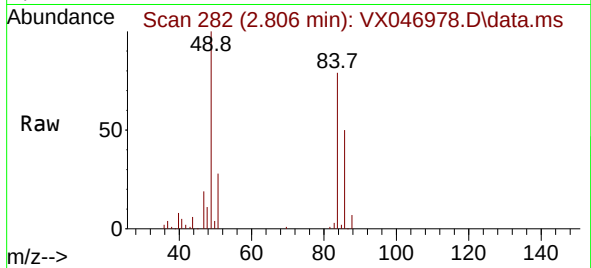




#20  
Methylene Chloride  
Concen: 5.112 ug/l  
RT: 2.806 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

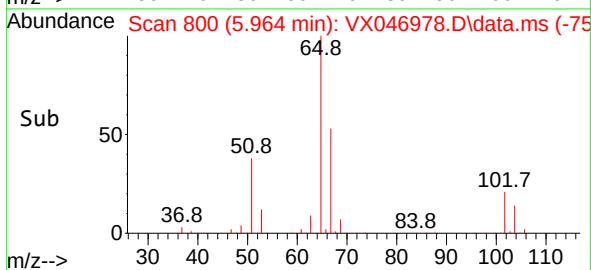
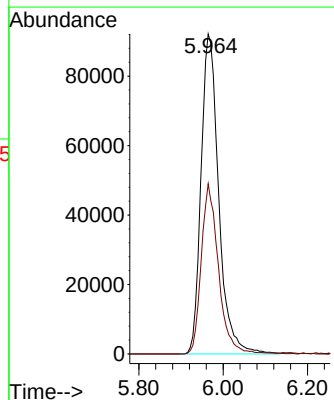
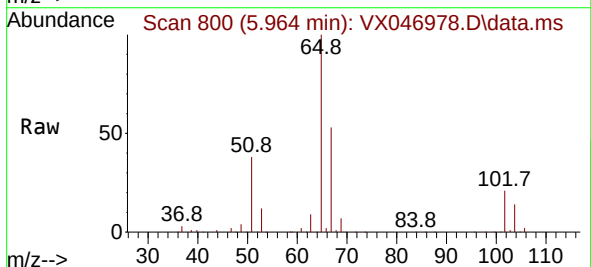
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-A2-10-G

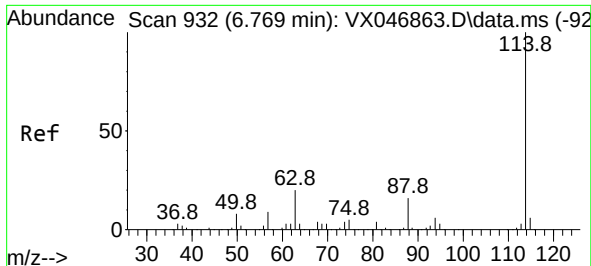
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 23740 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 125.8 | 102.8 | 154.2 |
| 51       | 35.6  | 31.1  | 46.7  |
| 86       | 63.3  | 50.6  | 75.8  |



#33  
1,2-Dichloroethane-d4  
Concen: 53.113 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 268556 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 51.9  | 0.0   | 105.2  |

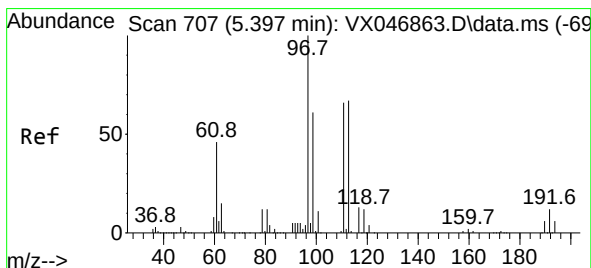
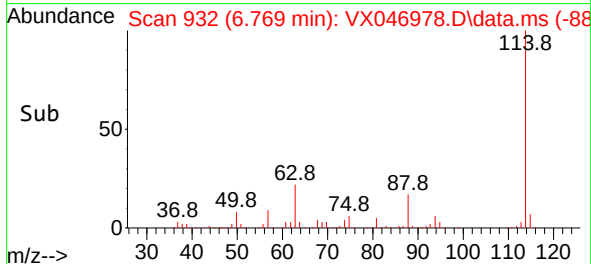
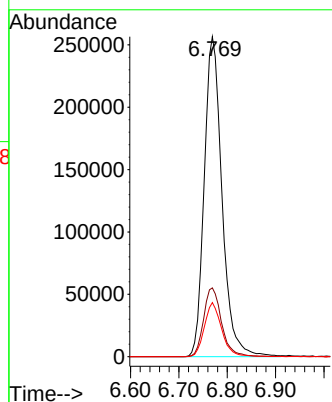
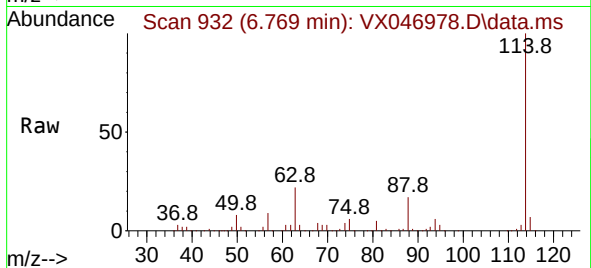




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

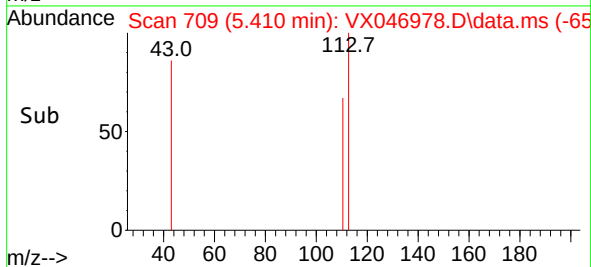
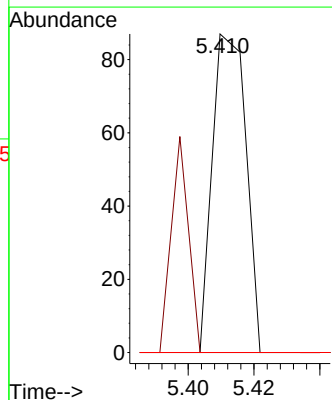
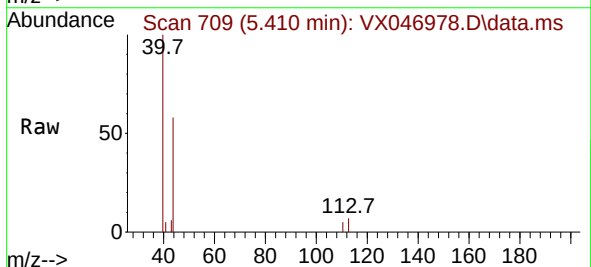
Instrument :  
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ClientSampleId :  
WC-A2-10-G

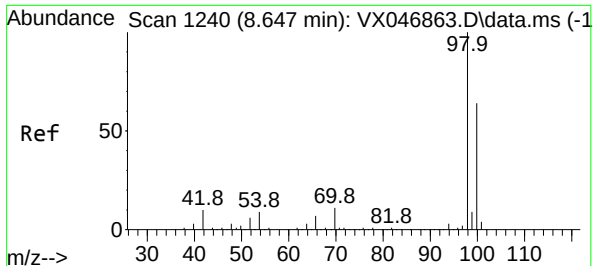
Tgt Ion:114 Resp: 656056  
Ion Ratio Lower Upper  
114 100  
63 21.5 0.0 40.4  
88 16.9 0.0 31.0



#35  
Dibromofluoromethane  
Concen: 0.014 ug/l  
RT: 5.410 min Scan# 709  
Delta R.T. 0.012 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

Tgt Ion:113 Resp: 62  
Ion Ratio Lower Upper  
113 100  
111 0.0 81.2 121.8#  
192 0.0 15.3 22.9#

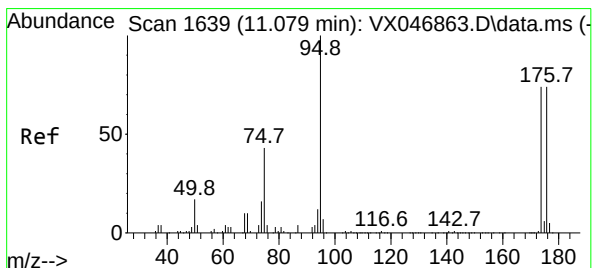
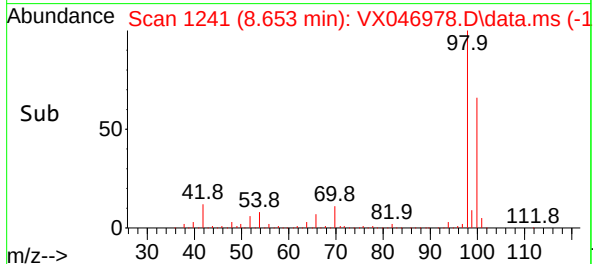
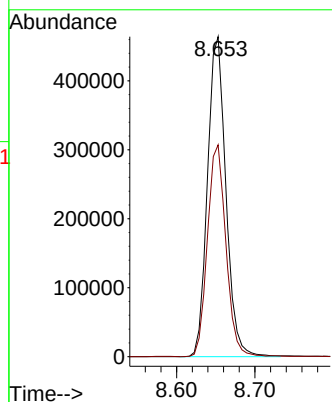
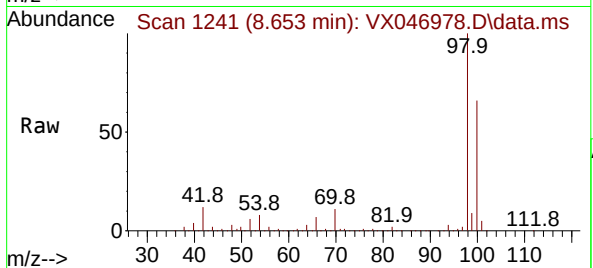




#50  
Toluene-d8  
Concen: 48.109 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

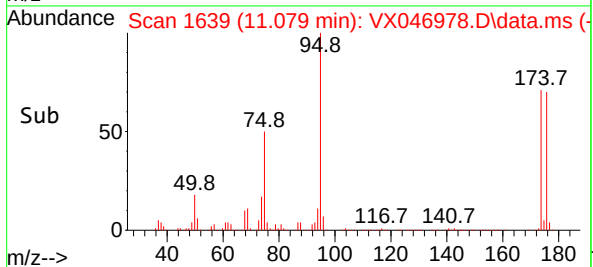
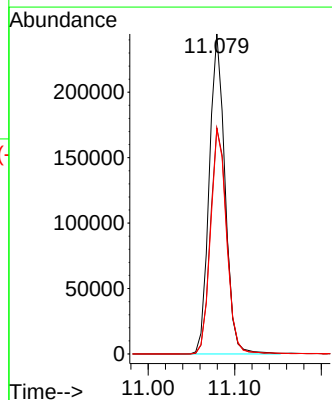
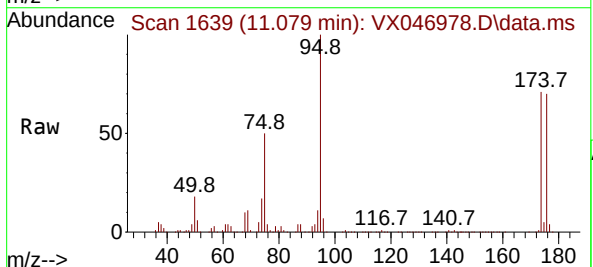
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-A2-10-G

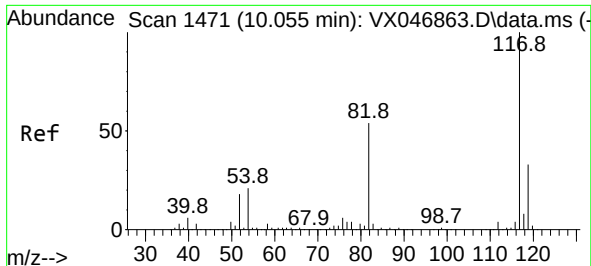
Tgt Ion: 98 Resp: 755896  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.0 79.6



#62  
4-Bromofluorobenzene  
Concen: 51.675 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

Tgt Ion: 95 Resp: 308582  
Ion Ratio Lower Upper  
95 100  
174 73.6 0.0 152.0  
176 71.6 0.0 145.2

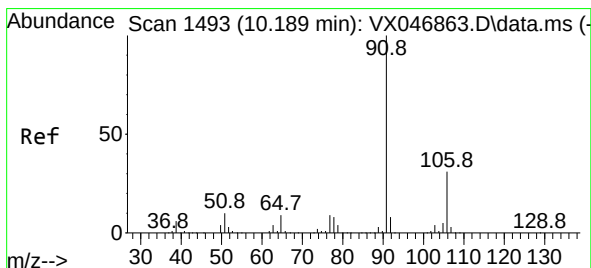
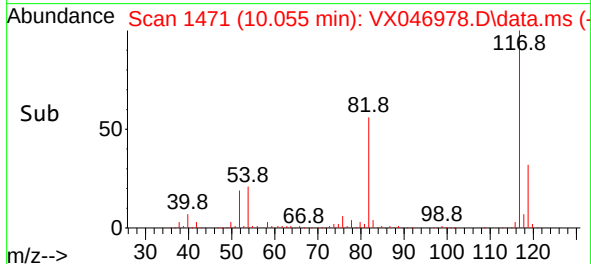
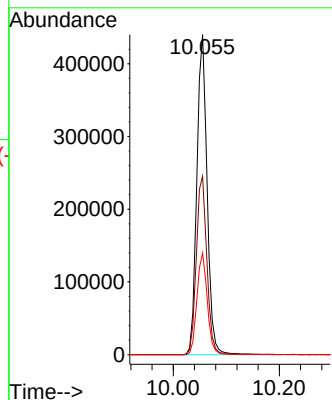
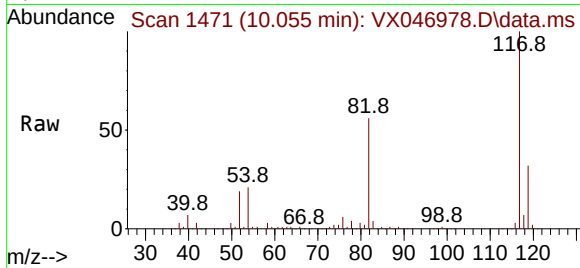




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

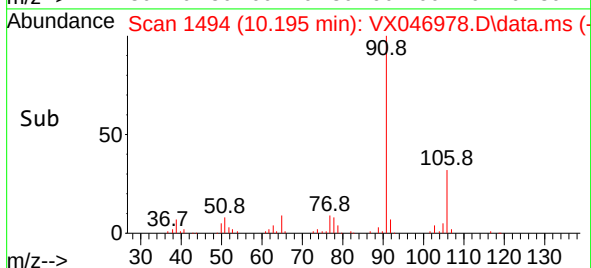
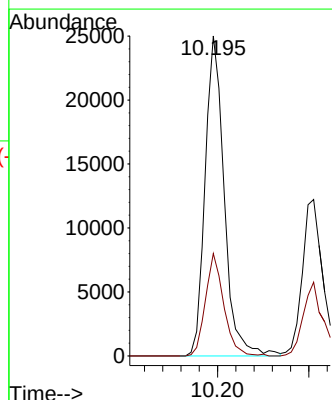
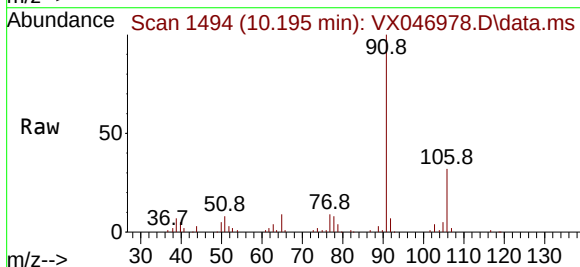
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-A2-10-G

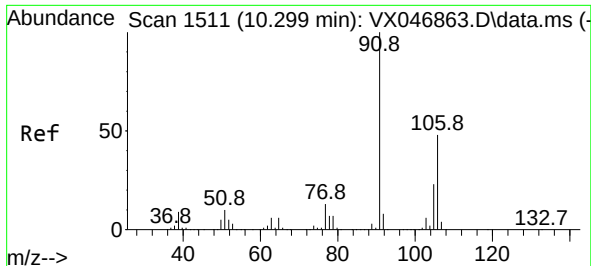
Tgt Ion:117 Resp: 592257  
Ion Ratio Lower Upper  
117 100  
82 55.8 43.3 64.9  
119 31.8 26.4 39.6



#67  
Ethyl Benzene  
Concen: 1.651 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.006 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

Tgt Ion: 91 Resp: 36201  
Ion Ratio Lower Upper  
91 100  
106 32.0 24.4 36.6

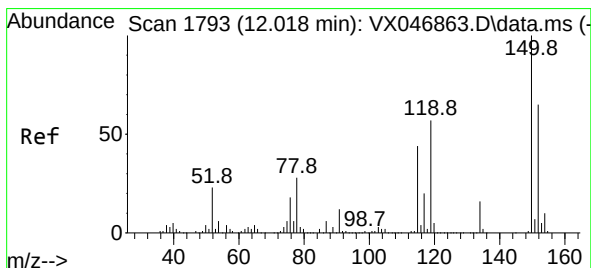
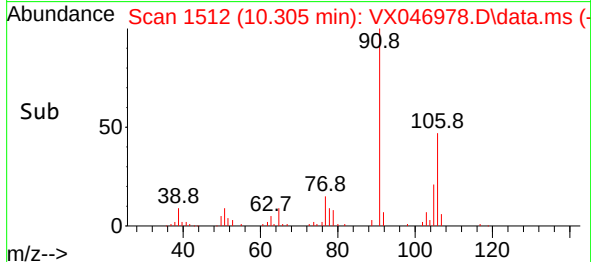
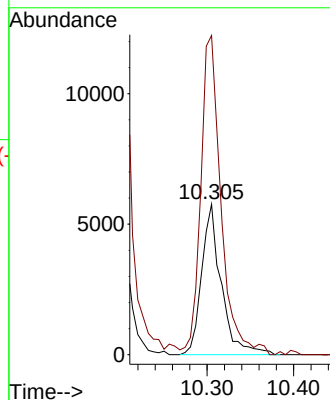
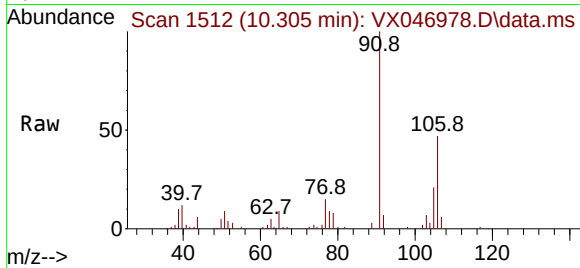




#68  
m/p-Xylenes  
Concen: 1.099 ug/l  
RT: 10.305 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

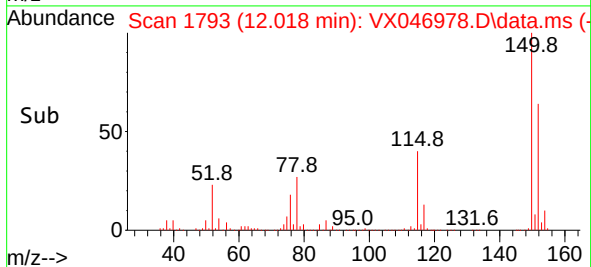
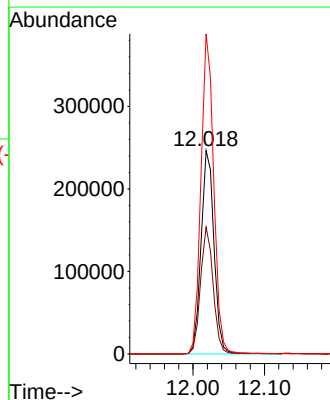
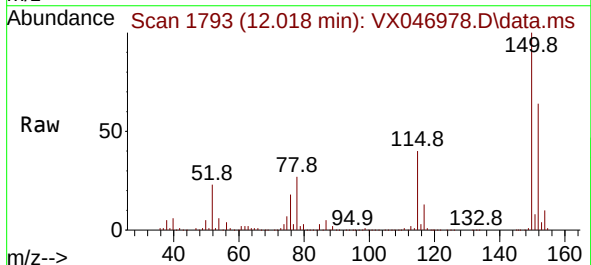
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-A2-10-G

Tgt Ion:106 Resp: 9083  
Ion Ratio Lower Upper  
106 100  
91 219.0 164.6 246.8

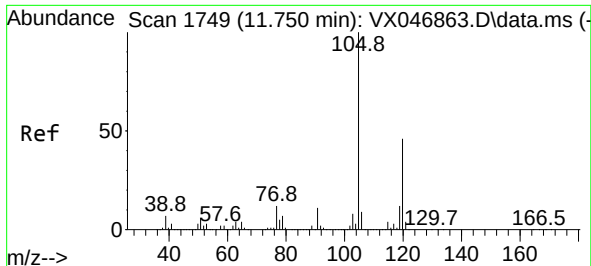


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

Tgt Ion:152 Resp: 309717  
Ion Ratio Lower Upper  
152 100  
115 60.8 42.4 127.1  
150 155.1 0.0 349.2



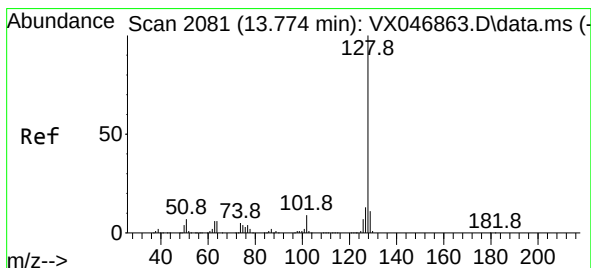
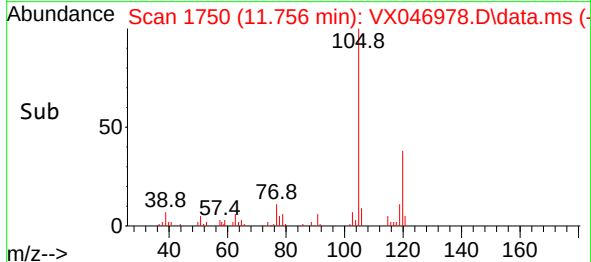
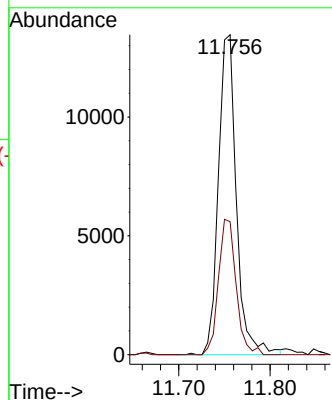
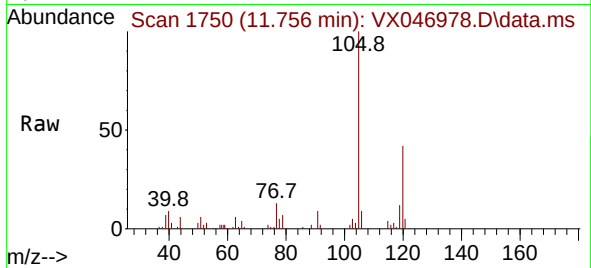




#84  
1,2,4-Trimethylbenzene  
Concen: 1.030 ug/l  
RT: 11.756 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-A2-10-G

Tgt Ion:105 Resp: 18417  
Ion Ratio Lower Upper  
105 100  
120 41.7 23.3 69.8



#95  
Naphthalene  
Concen: 148.558 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX046978.D  
Acq: 14 Jul 2025 16:49

Tgt Ion:128 Resp: 2613851  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.4  
129 10.9 8.6 13.0

