

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX043025\  
 Data File : VX046010.D  
 Acq On : 30 Apr 2025 19:57  
 Operator : JC/MD  
 Sample : Q1901-11  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B-170-SB02

Quant Time: May 01 03:40:03 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

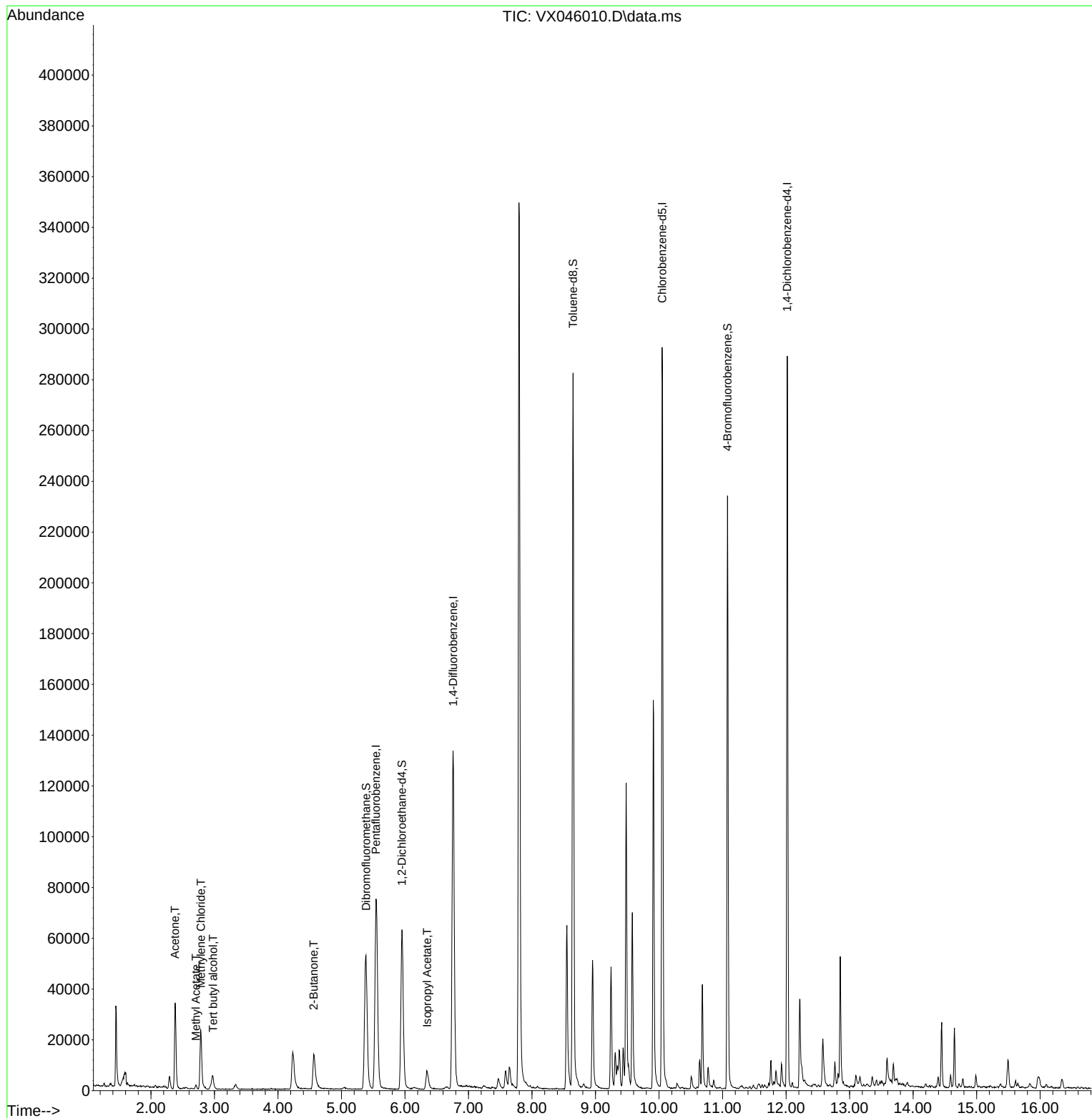
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.544  | 168   | 64982    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 127775   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 119826   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 51937    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 64612    | 54.371   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 108.740% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 45913    | 50.645   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 101.300% |          |
| 50) Toluene-d8              | 8.647  | 98    | 160014   | 50.569   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 101.140% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 62061    | 53.845   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 107.700% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol      | 2.977  | 59    | 6244     | 39.097   | ug/l       | 95       |
| 16) Acetone                 | 2.380  | 43    | 36845    | 75.507   | ug/l       | 97       |
| 18) Methyl Acetate          | 2.709  | 43    | 1957     | 1.742    | ug/l       | 94       |
| 20) Methylene Chloride      | 2.788  | 84    | 10717    | 11.731   | ug/l       | 97       |
| 25) 2-Butanone              | 4.562  | 43    | 26175    | 36.645   | ug/l       | 95       |
| 43) Isopropyl Acetate       | 6.348  | 43    | 11261    | 4.817    | ug/l #     | 92       |
| -----                       |        |       |          |          |            |          |

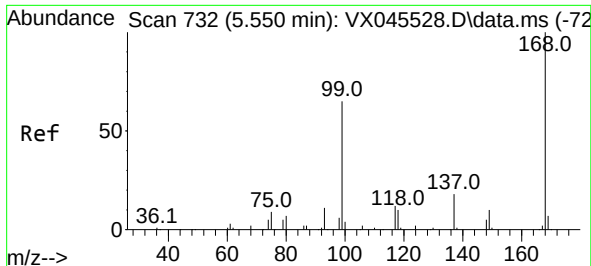
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX043025\  
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Instrument :  
MSVOA\_X  
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Quant Time: May 01 03:40:03 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

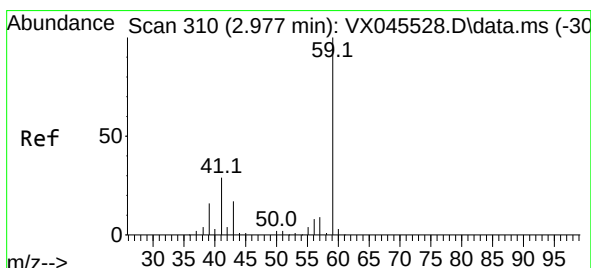
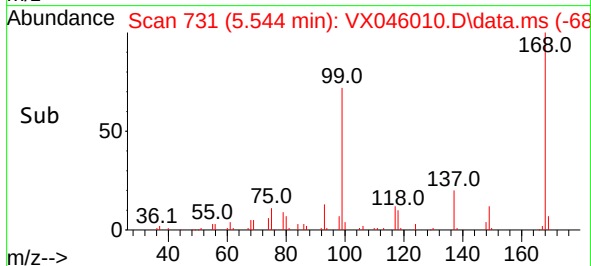
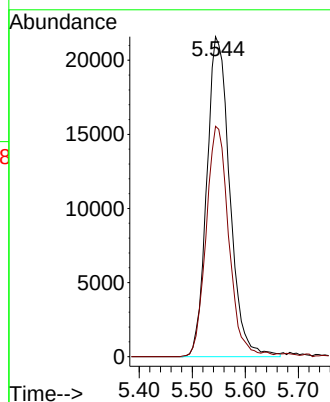
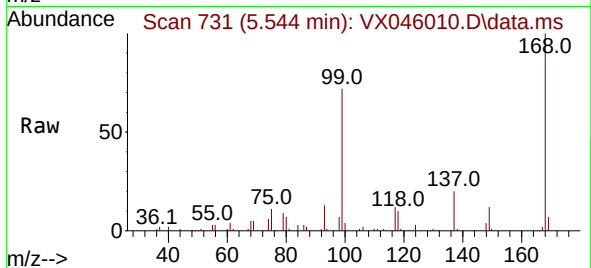




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: VX046010.D  
Acq: 30 Apr 2025 19:57

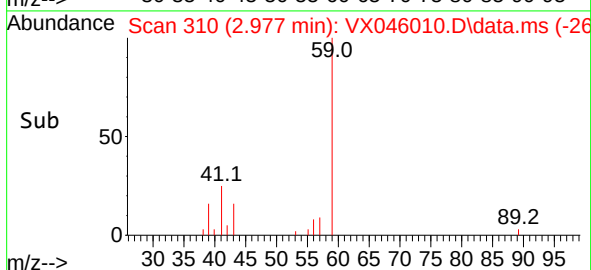
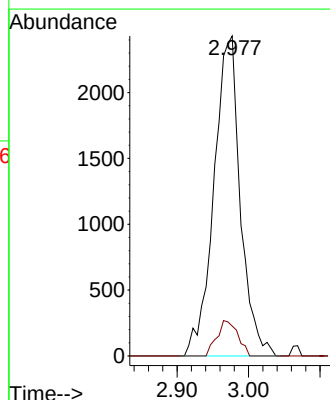
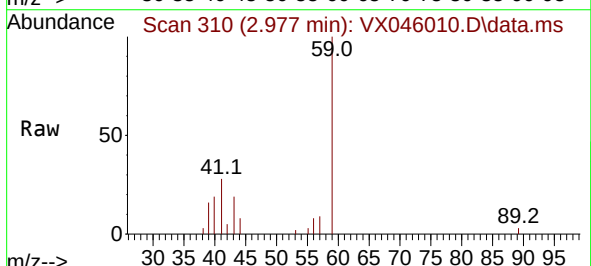
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-170-SB02

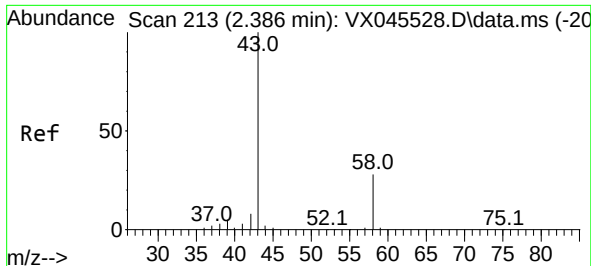
Tgt Ion:168 Resp: 64982  
Ion Ratio Lower Upper  
168 100  
99 72.0 52.3 78.5



#11  
Tert butyl alcohol  
Concen: 39.097 ug/l  
RT: 2.977 min Scan# 310  
Delta R.T. 0.000 min  
Lab File: VX046010.D  
Acq: 30 Apr 2025 19:57

Tgt Ion: 59 Resp: 6244  
Ion Ratio Lower Upper  
59 100  
57 8.7 8.6 12.8

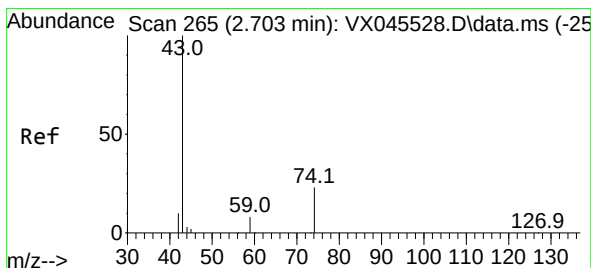
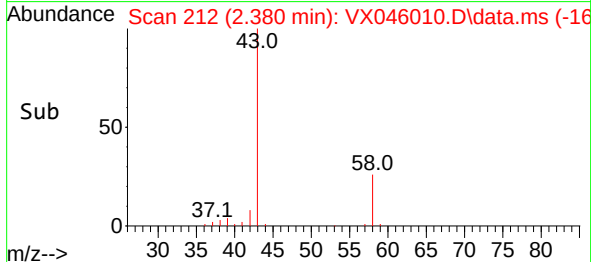
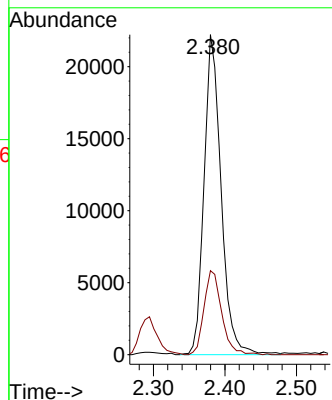
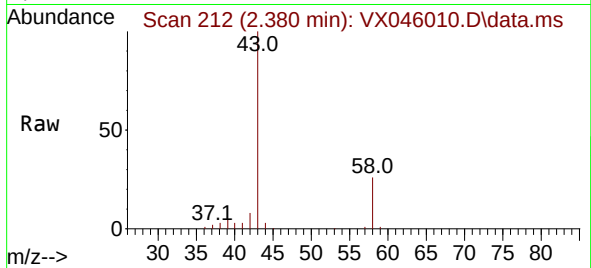




#16  
Acetone  
Concen: 75.507 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX046010.D  
Acq: 30 Apr 2025 19:57

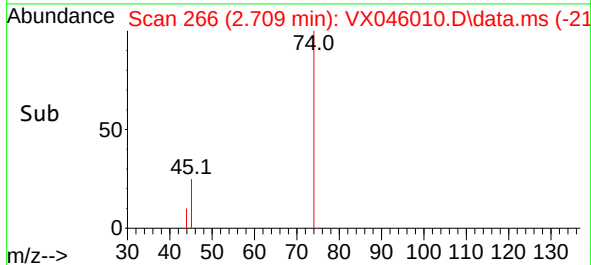
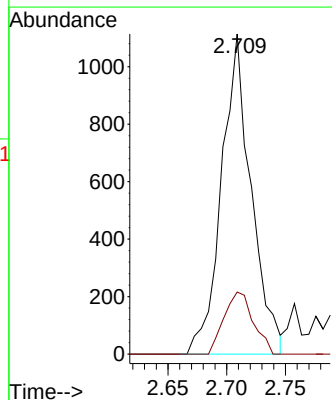
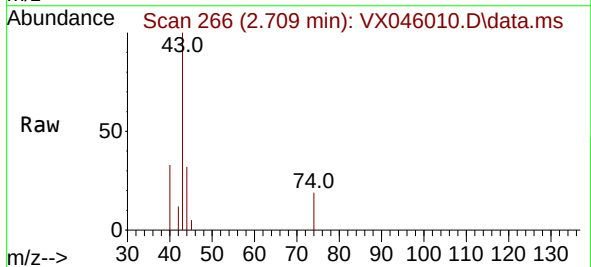
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-170-SB02

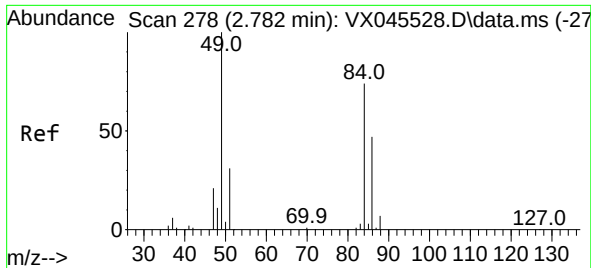
Tgt Ion: 43 Resp: 36845  
Ion Ratio Lower Upper  
43 100  
58 26.3 22.3 33.5



#18  
Methyl Acetate  
Concen: 1.742 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX046010.D  
Acq: 30 Apr 2025 19:57

Tgt Ion: 43 Resp: 1957  
Ion Ratio Lower Upper  
43 100  
74 19.1 17.5 26.3

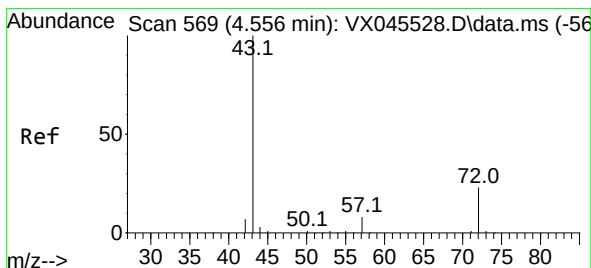
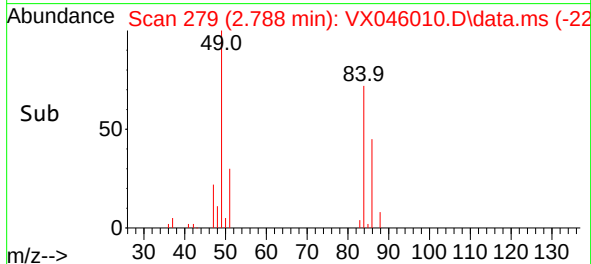
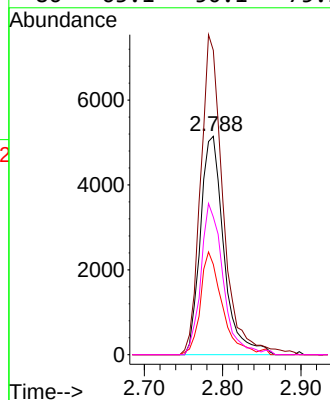
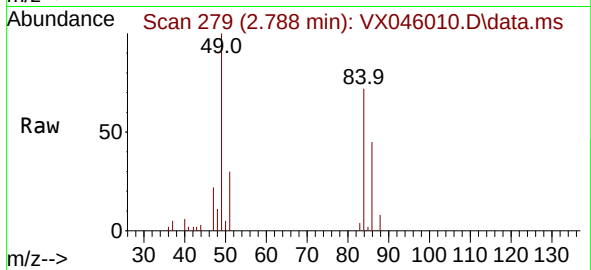




#20  
Methylene Chloride  
Concen: 11.731 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX046010.D  
Acq: 30 Apr 2025 19:57

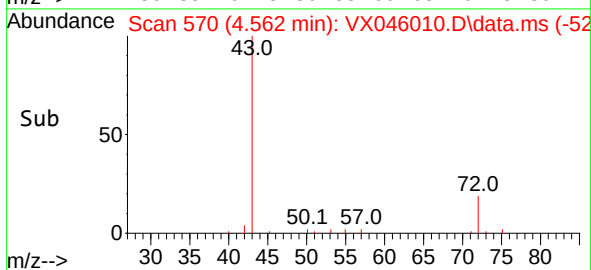
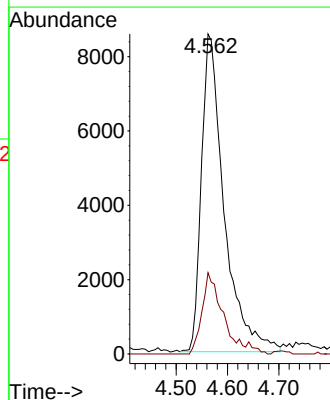
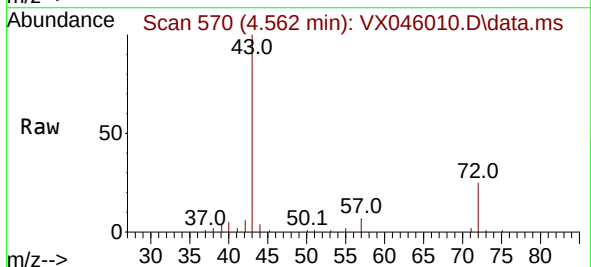
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-170-SB02

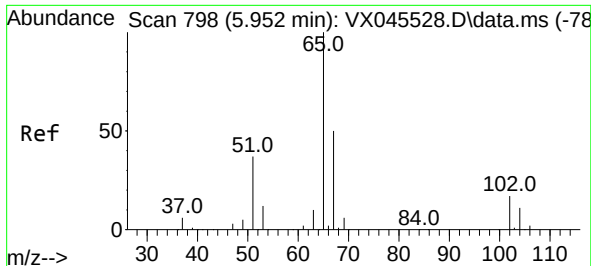
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 10717 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 139.4 | 107.5 | 161.3 |
| 51       | 41.4  | 33.0  | 49.6  |
| 86       | 63.1  | 50.1  | 75.1  |



#25  
2-Butanone  
Concen: 36.645 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. 0.006 min  
Lab File: VX046010.D  
Acq: 30 Apr 2025 19:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 26175 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 25.6  | 18.6  | 28.0  |





#33

1,2-Dichloroethane-d4

Concen: 54.371 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046010.D

Acq: 30 Apr 2025 19:57

Instrument :

MSVOA\_X

ClientSampleId :

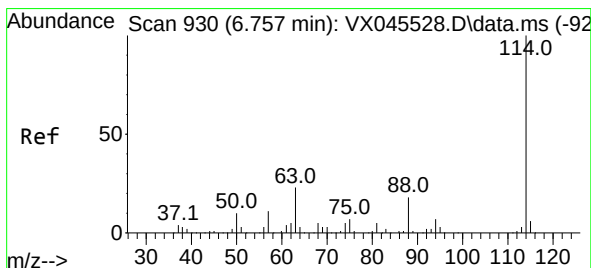
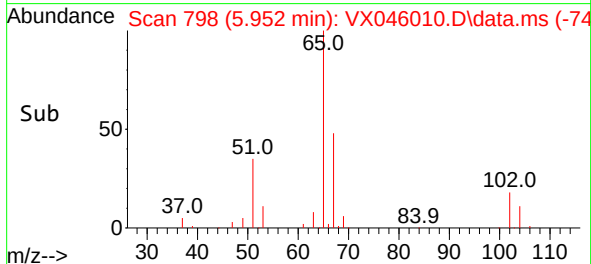
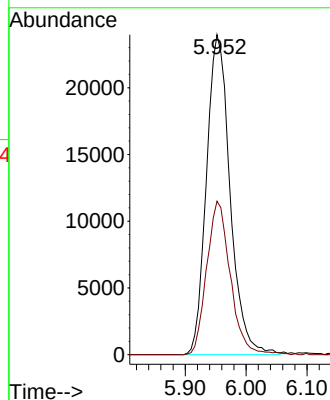
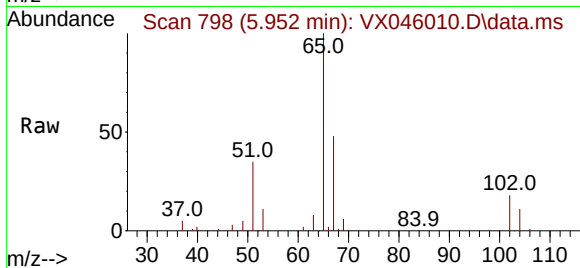
B-170-SB02

Tgt Ion: 65 Resp: 64612

Ion Ratio Lower Upper

65 100

67 47.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046010.D

Acq: 30 Apr 2025 19:57

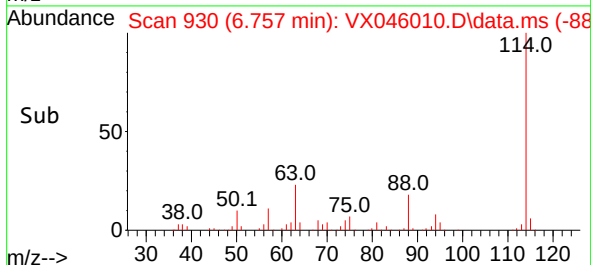
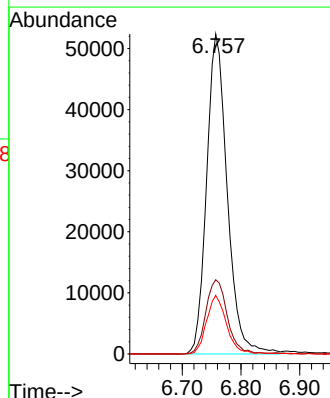
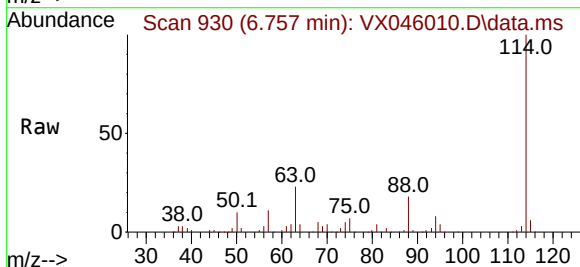
Tgt Ion: 114 Resp: 127775

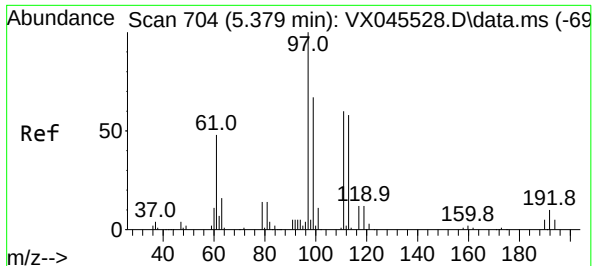
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.8

88 18.3 0.0 35.4

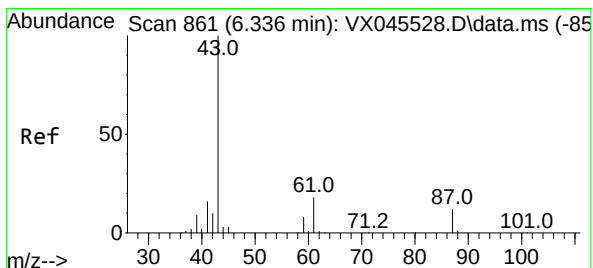
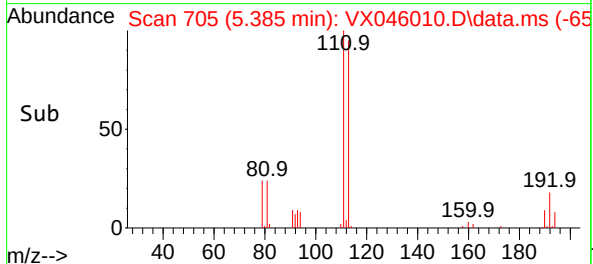
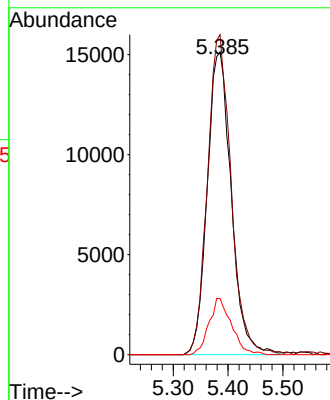
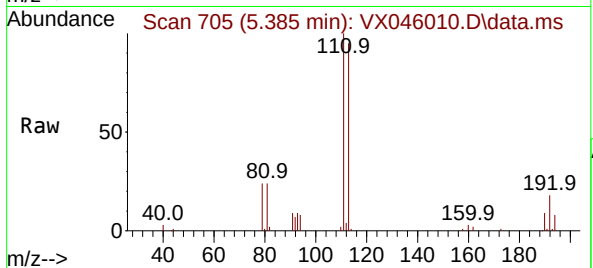




#35  
Dibromofluoromethane  
Concen: 50.645 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX046010.D  
Acq: 30 Apr 2025 19:57

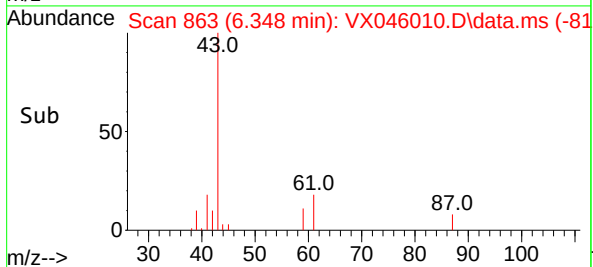
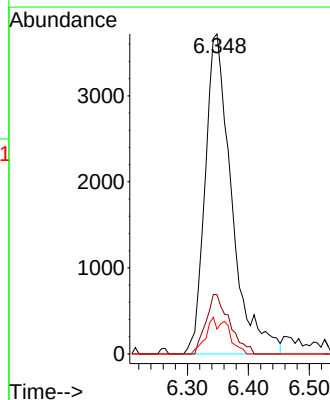
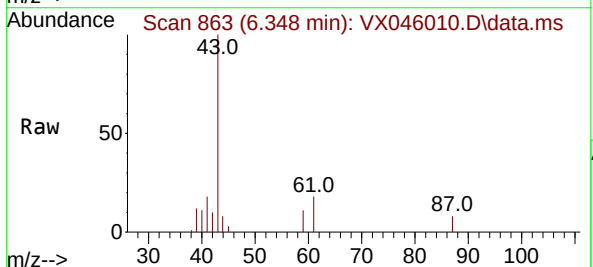
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-170-SB02

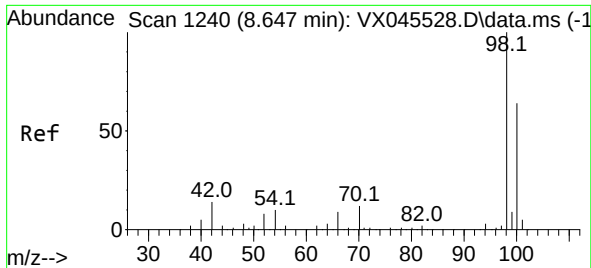
Tgt Ion:113 Resp: 45913  
Ion Ratio Lower Upper  
113 100  
111 104.4 81.8 122.6  
192 17.5 13.8 20.6



#43  
Isopropyl Acetate  
Concen: 4.817 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.012 min  
Lab File: VX046010.D  
Acq: 30 Apr 2025 19:57

Tgt Ion: 43 Resp: 11261  
Ion Ratio Lower Upper  
43 100  
61 16.5 14.1 21.1  
87 5.0 9.2 13.8#

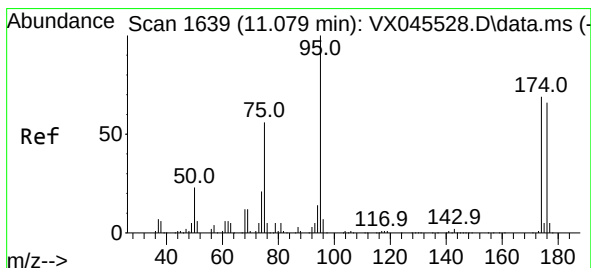
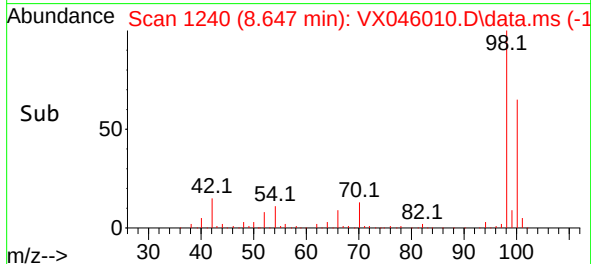
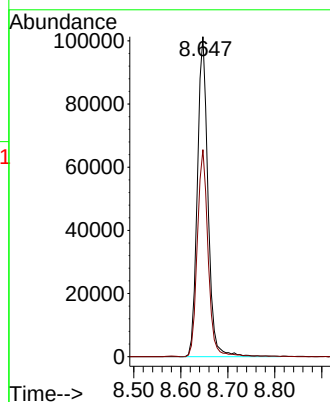
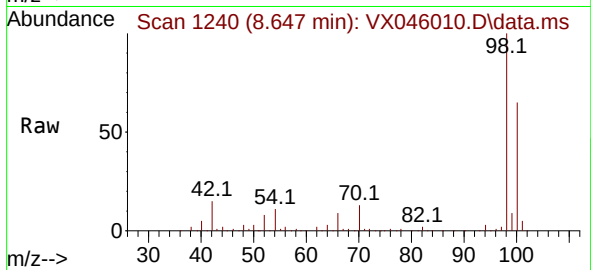




#50  
Toluene-d8  
Concen: 50.569 ug/l  
RT: 8.647 min Scan# 1133  
Delta R.T. 0.000 min  
Lab File: VX046010.D  
Acq: 30 Apr 2025 19:57

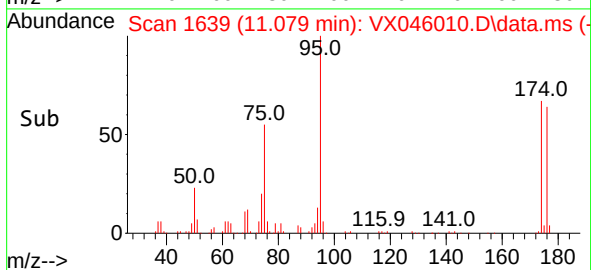
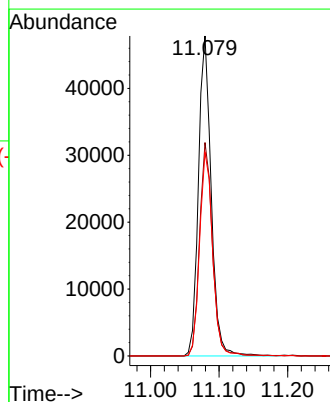
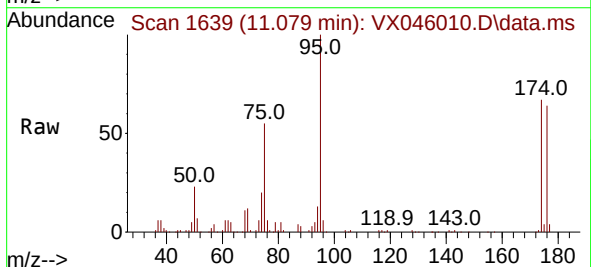
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-170-SB02

Tgt Ion: 98 Resp: 160014  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.2 78.4

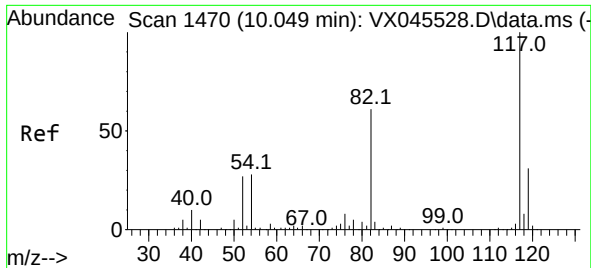


#62  
4-Bromofluorobenzene  
Concen: 53.845 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX046010.D  
Acq: 30 Apr 2025 19:57

Tgt Ion: 95 Resp: 62061  
Ion Ratio Lower Upper  
95 100  
174 67.3 0.0 135.8  
176 65.2 0.0 131.4



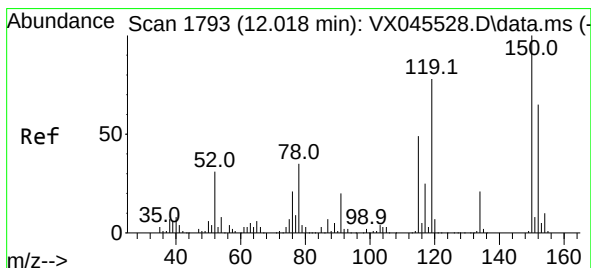
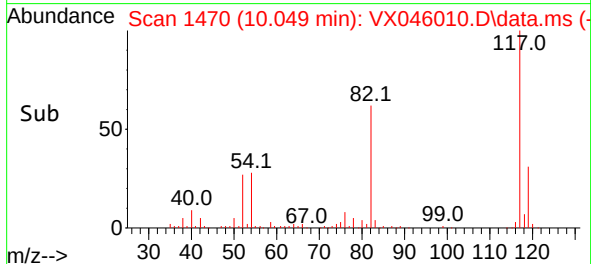
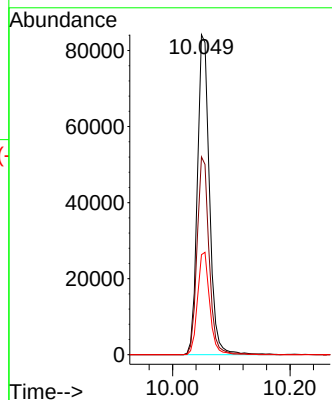
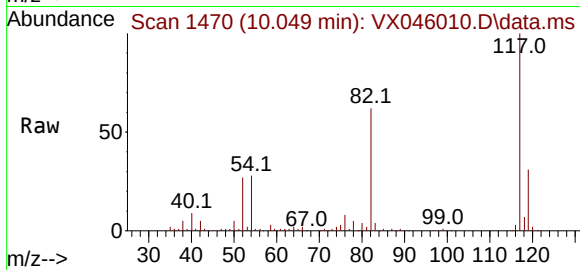




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX046010.D  
Acq: 30 Apr 2025 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
B-170-SB02

Tgt Ion:117 Resp: 119826  
Ion Ratio Lower Upper  
117 100  
82 61.8 49.2 73.8  
119 31.3 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: VX046010.D  
Acq: 30 Apr 2025 19:57

Tgt Ion:152 Resp: 51937  
Ion Ratio Lower Upper  
152 100  
115 66.3 46.9 140.7  
150 159.1 0.0 349.4

