

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX043025\  
 Data File : VX045994.D  
 Acq On : 30 Apr 2025 13:42  
 Operator : JC/MD  
 Sample : Q1901-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B-167-SB02

Quant Time: May 01 03:36:58 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

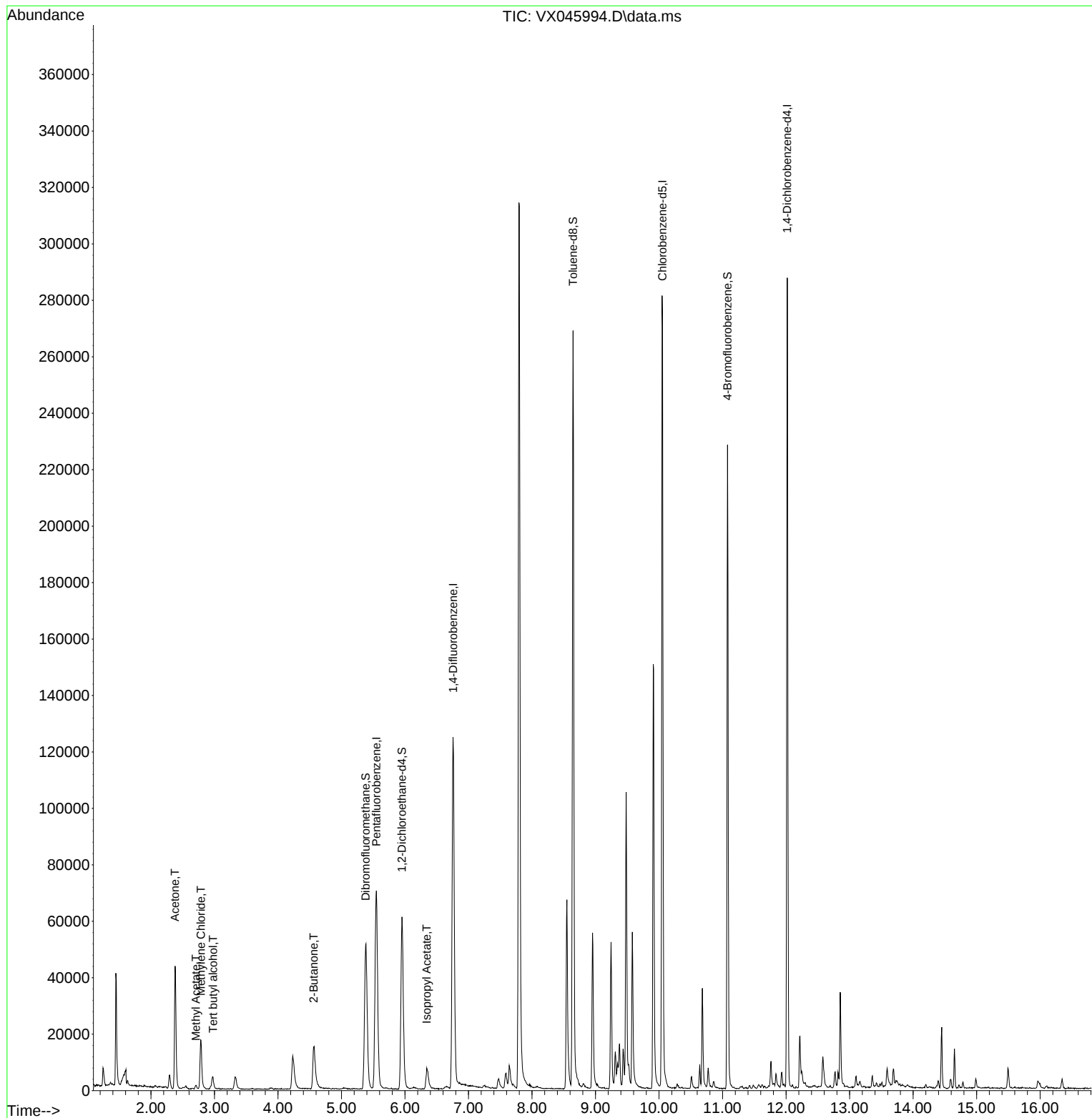
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.550     | 168   | 59744    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114   | 118644   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 115892   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152   | 51062    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 61574    | 56.357   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 112.720% |          |
| 35) Dibromofluoromethane    | 5.379     | 113   | 44834    | 53.261   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 106.520% |          |
| 50) Toluene-d8              | 8.647     | 98    | 154167   | 52.471   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 104.940% |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 59351    | 55.457   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | = 110.920% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol      | 2.977     | 59    | 4582     | 31.206   | ug/l       | 99       |
| 16) Acetone                 | 2.380     | 43    | 46453    | 103.543  | ug/l       | 98       |
| 18) Methyl Acetate          | 2.709     | 43    | 1797     | 1.740    | ug/l       | 99       |
| 20) Methylene Chloride      | 2.788     | 84    | 8072     | 9.611    | ug/l       | 94       |
| 25) 2-Butanone              | 4.562     | 43    | 30197    | 45.982   | ug/l       | 97       |
| 43) Isopropyl Acetate       | 6.342     | 43    | 10597    | 4.881    | ug/l       | 98       |
| -----                       |           |       |          |          |            |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX043025\  
Data File : VX045994.D  
Acq On : 30 Apr 2025 13:42  
Operator : JC/MD  
Sample : Q1901-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
B-167-SB02

Quant Time: May 01 03:36:58 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

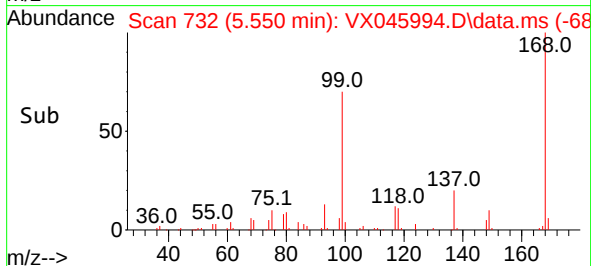
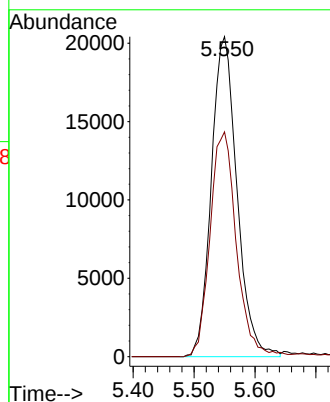
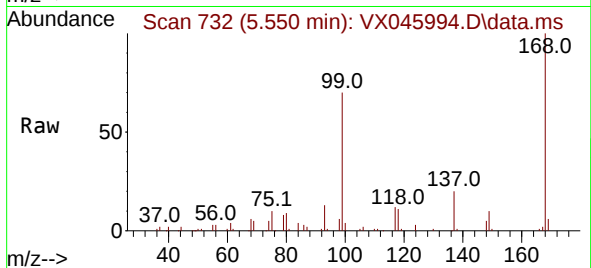




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX045994.D  
Acq: 30 Apr 2025 13:42

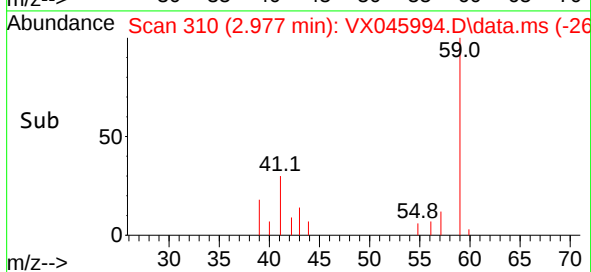
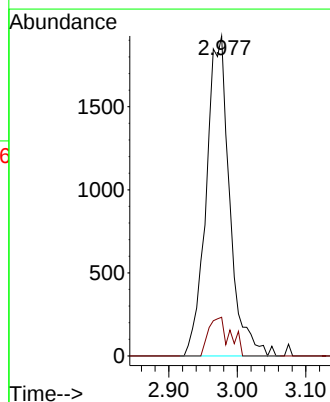
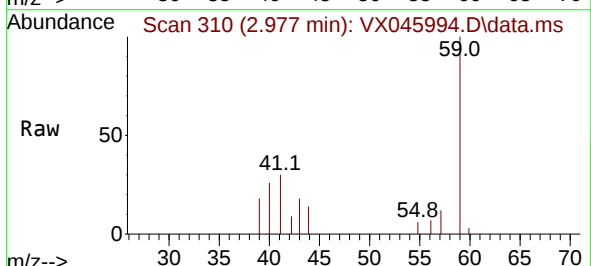
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-167-SB02

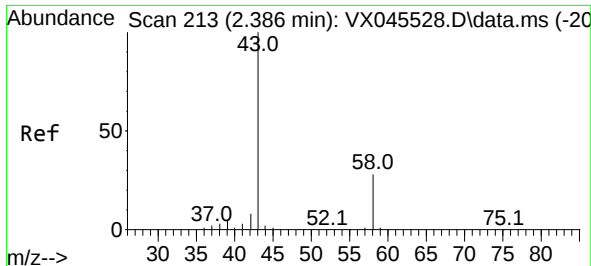
Tgt Ion:168 Resp: 59744  
Ion Ratio Lower Upper  
168 100  
99 70.2 52.3 78.5



#11  
Tert butyl alcohol  
Concen: 31.206 ug/l  
RT: 2.977 min Scan# 310  
Delta R.T. 0.000 min  
Lab File: VX045994.D  
Acq: 30 Apr 2025 13:42

Tgt Ion: 59 Resp: 4582  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.6 12.8

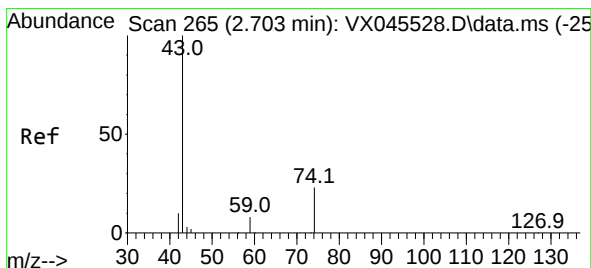
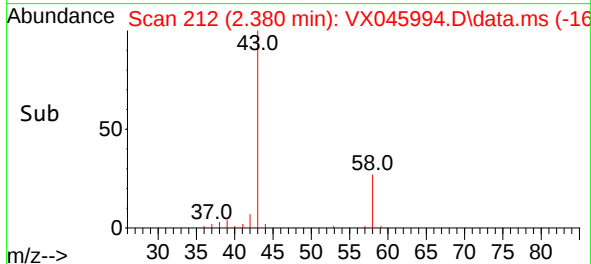
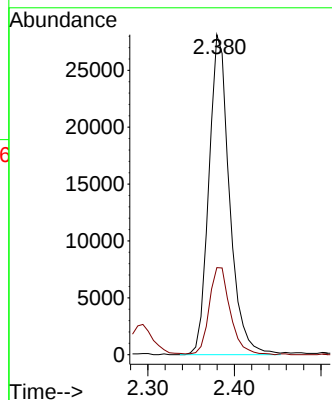
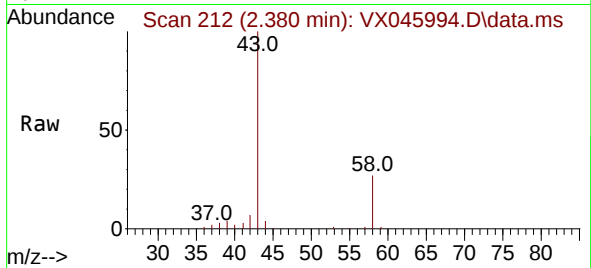




#16  
Acetone  
Concen: 103.543 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX045994.D  
Acq: 30 Apr 2025 13:42

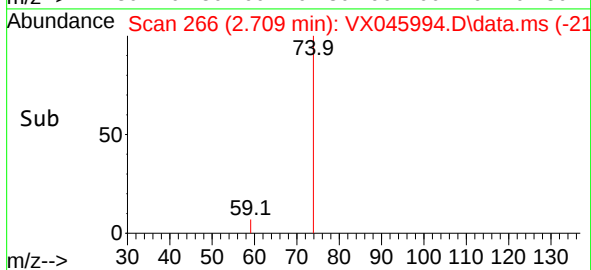
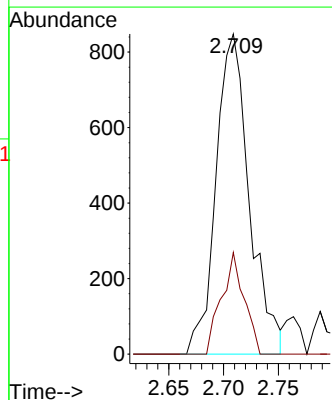
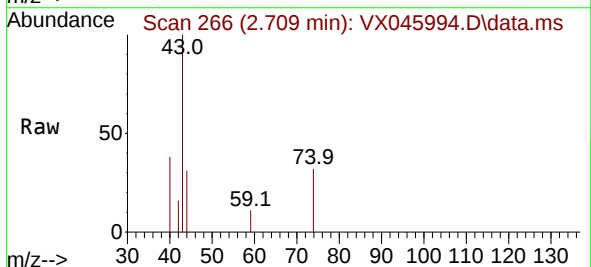
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-167-SB02

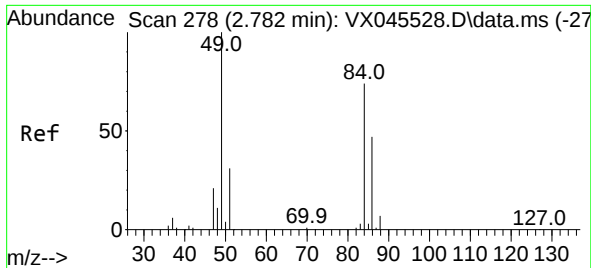
Tgt Ion: 43 Resp: 46453  
Ion Ratio Lower Upper  
43 100  
58 27.0 22.3 33.5



#18  
Methyl Acetate  
Concen: 1.740 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX045994.D  
Acq: 30 Apr 2025 13:42

Tgt Ion: 43 Resp: 1797  
Ion Ratio Lower Upper  
43 100  
74 21.5 17.5 26.3

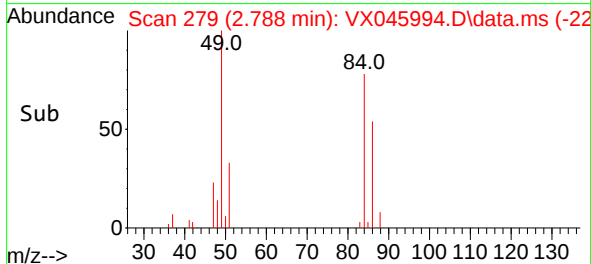
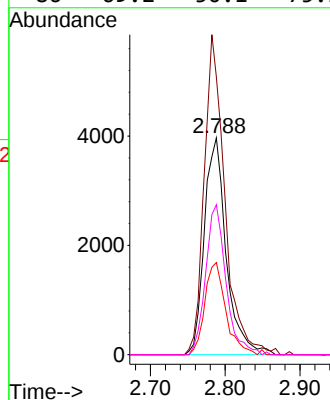
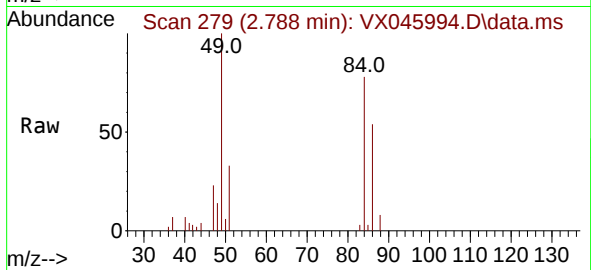




#20  
Methylene Chloride  
Concen: 9.611 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX045994.D  
Acq: 30 Apr 2025 13:42

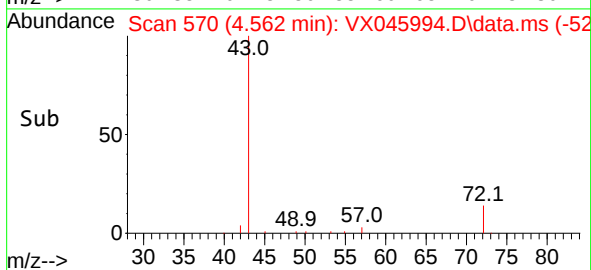
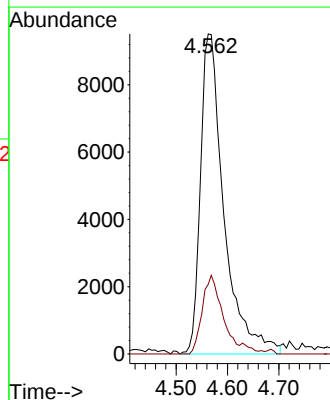
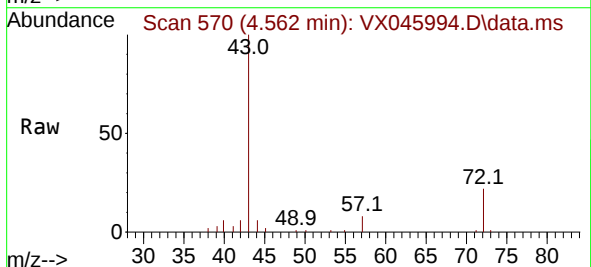
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-167-SB02

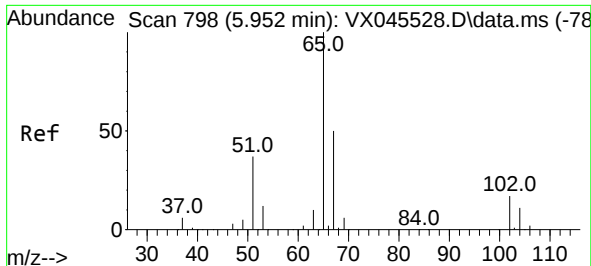
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 8072  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 128.0 | 107.5 | 161.3 |
| 51       | 42.5  | 33.0  | 49.6  |
| 86       | 69.2  | 50.1  | 75.1  |



#25  
2-Butanone  
Concen: 45.982 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. 0.006 min  
Lab File: VX045994.D  
Acq: 30 Apr 2025 13:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 30197 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 21.7  | 18.6  | 28.0  |





#33

1,2-Dichloroethane-d4

Concen: 56.357 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045994.D

Acq: 30 Apr 2025 13:42

Instrument :

MSVOA\_X

ClientSampleId :

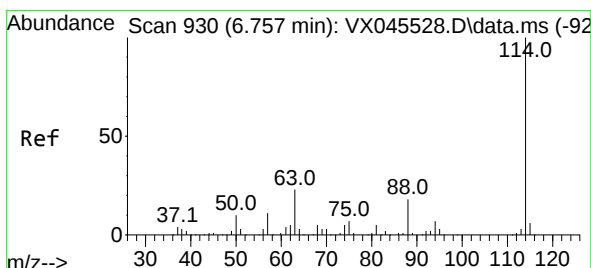
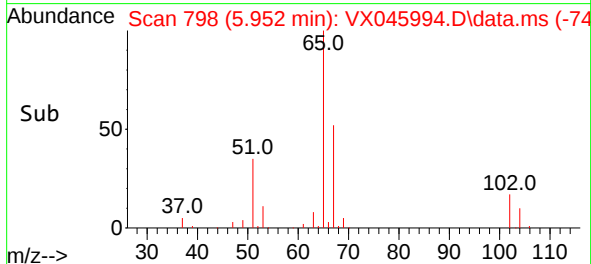
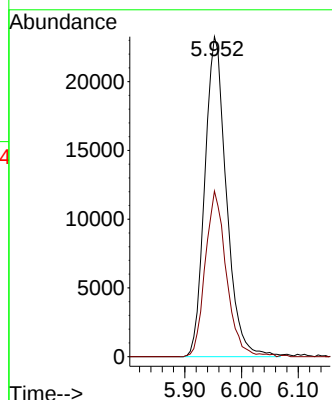
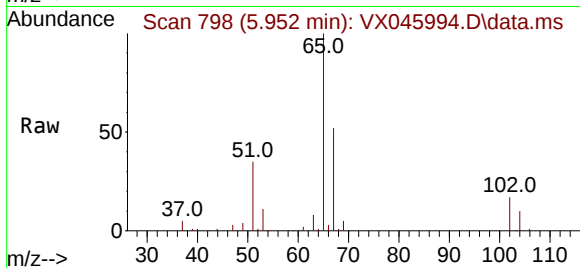
B-167-SB02

Tgt Ion: 65 Resp: 61574

Ion Ratio Lower Upper

65 100

67 50.7 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: VX045994.D

Acq: 30 Apr 2025 13:42

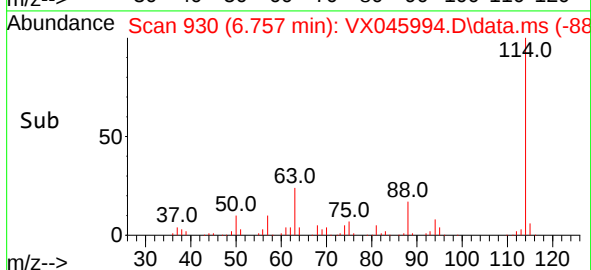
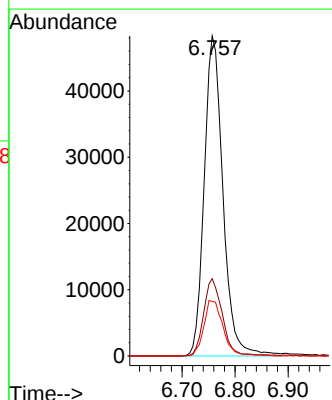
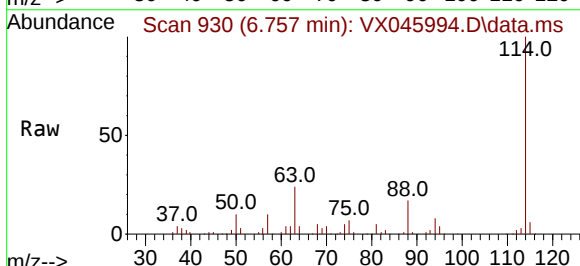
Tgt Ion: 114 Resp: 118644

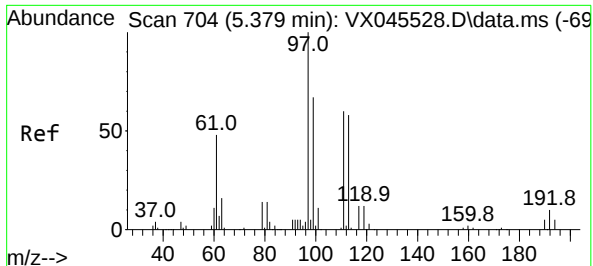
Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.8

88 17.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 53.261 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045994.D

Acq: 30 Apr 2025 13:42

Instrument :

MSVOA\_X

ClientSampleId :

B-167-SB02

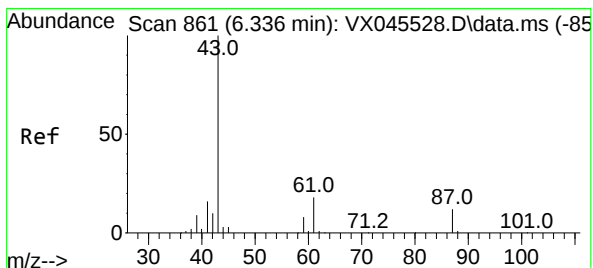
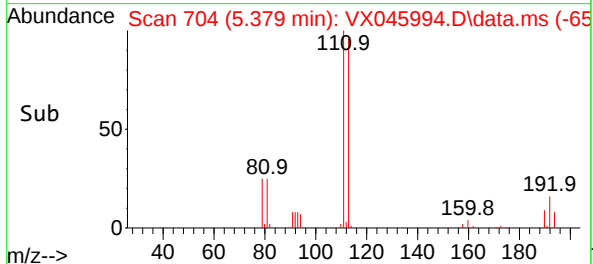
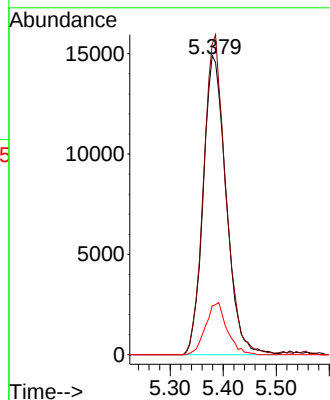
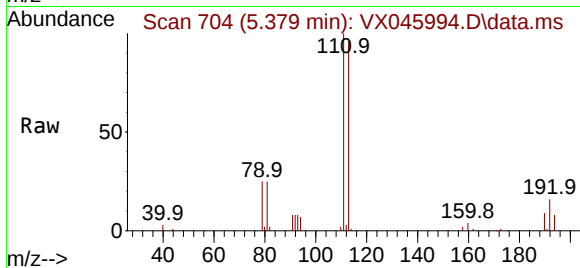
Tgt Ion:113 Resp: 44834

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.6

192 16.3 13.8 20.6



#43

Isopropyl Acetate

Concen: 4.881 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX045994.D

Acq: 30 Apr 2025 13:42

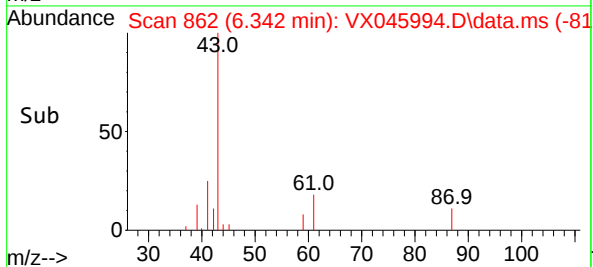
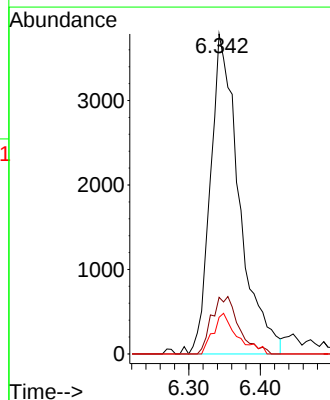
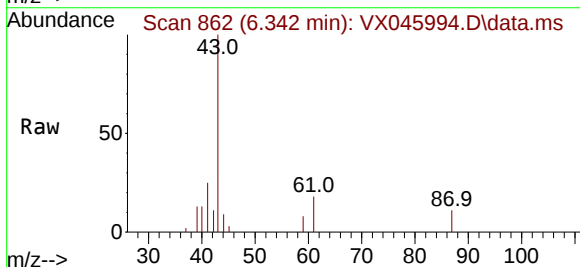
Tgt Ion: 43 Resp: 10597

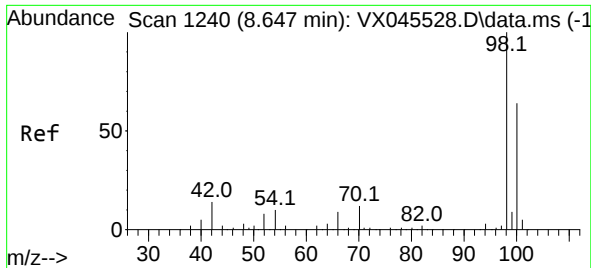
Ion Ratio Lower Upper

43 100

61 17.0 14.1 21.1

87 10.5 9.2 13.8

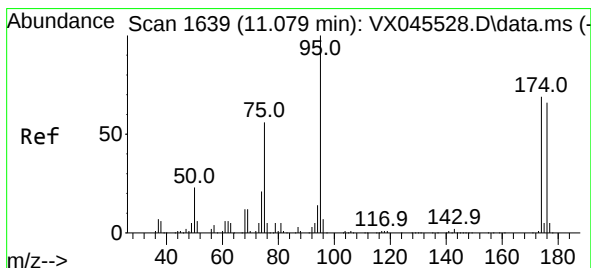
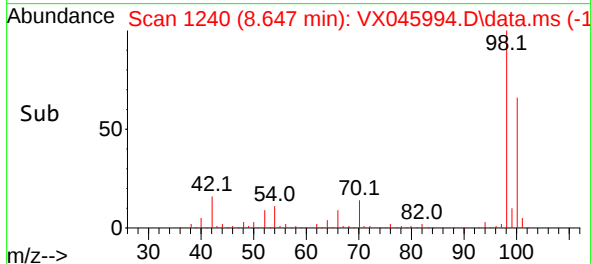
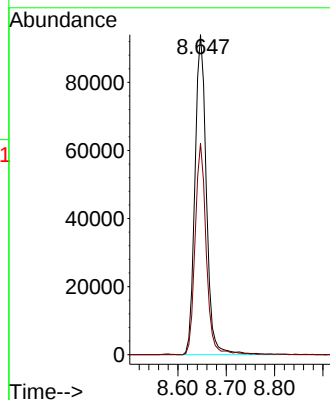
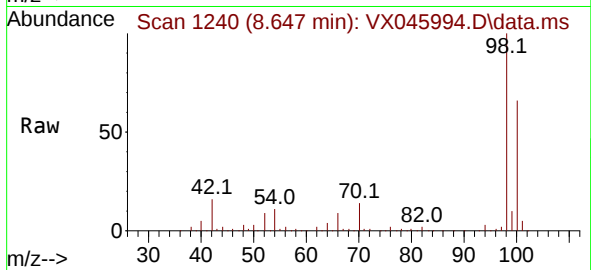




#50  
Toluene-d8  
Concen: 52.471 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX045994.D  
Acq: 30 Apr 2025 13:42

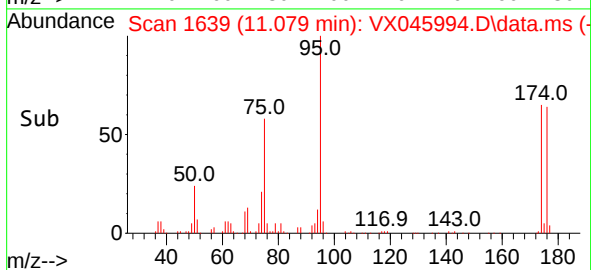
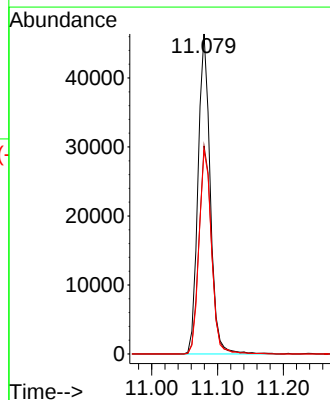
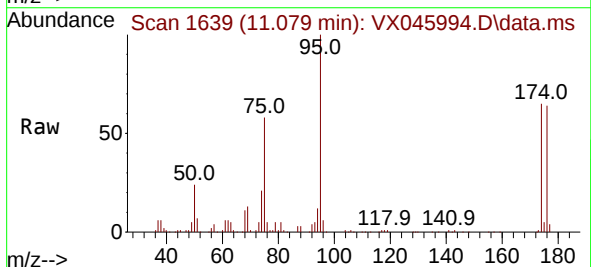
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-167-SB02

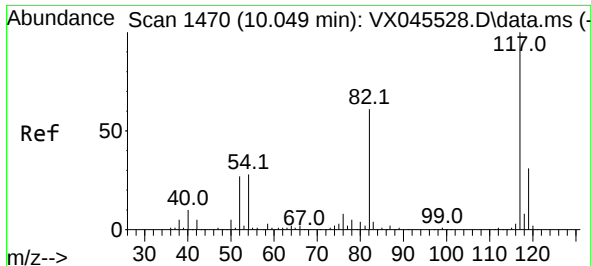
Tgt Ion: 98 Resp: 154167  
Ion Ratio Lower Upper  
98 100  
100 64.1 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 55.457 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX045994.D  
Acq: 30 Apr 2025 13:42

Tgt Ion: 95 Resp: 59351  
Ion Ratio Lower Upper  
95 100  
174 66.9 0.0 135.8  
176 65.5 0.0 131.4

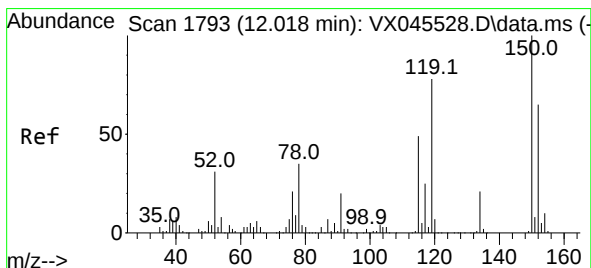
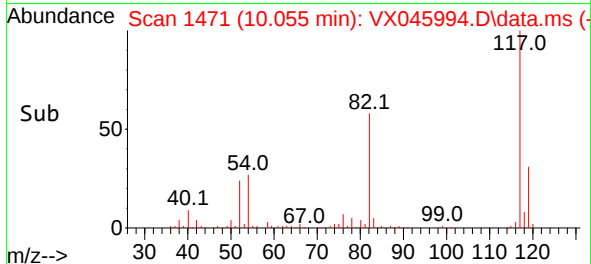
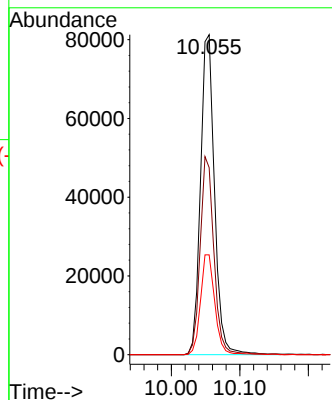
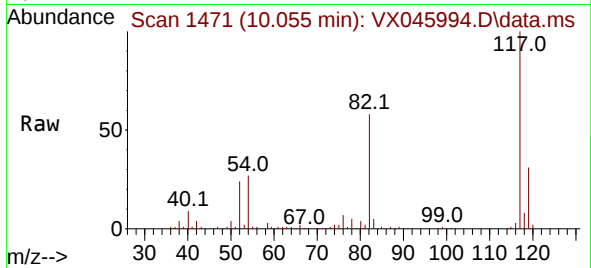




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VX045994.D  
Acq: 30 Apr 2025 13:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
B-167-SB02

Tgt Ion:117 Resp: 115892  
Ion Ratio Lower Upper  
117 100  
82 58.5 49.2 73.8  
119 31.2 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: VX045994.D  
Acq: 30 Apr 2025 13:42

Tgt Ion:152 Resp: 51062  
Ion Ratio Lower Upper  
152 100  
115 65.8 46.9 140.7  
150 161.2 0.0 349.4

