

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051225\  
 Data File : VX046132.D  
 Acq On : 12 May 2025 12:49  
 Operator : JC/MD  
 Sample : Q1983-12  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OR-636-COMP-02

Quant Time: May 13 03:16:58 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

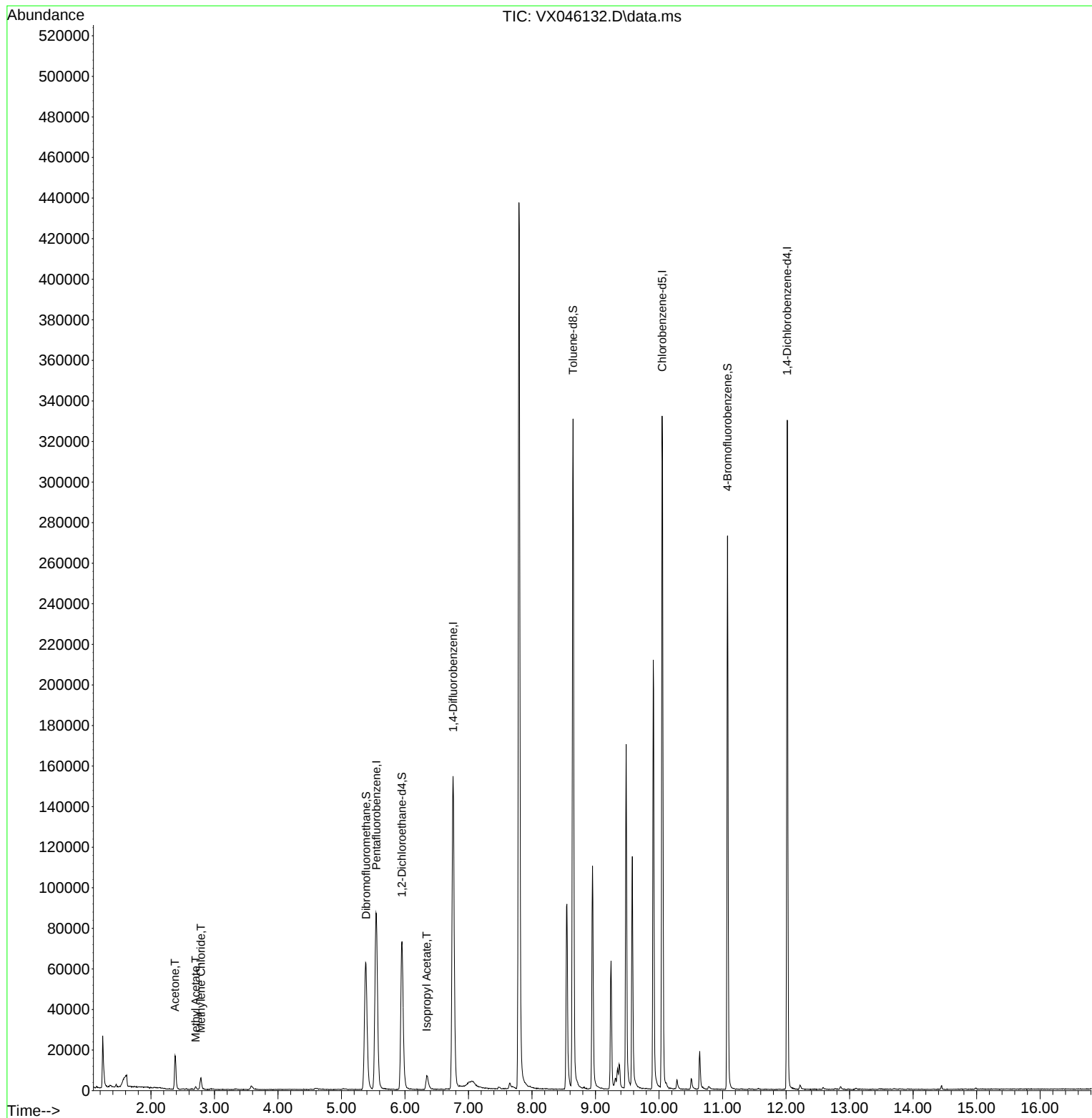
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.549     | 168   | 74922    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114   | 150365   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.049    | 117   | 138880   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152   | 59791    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 75584    | 54.113   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 108.220% |
| 35) Dibromofluoromethane    | 5.385     | 113   | 55466    | 51.225   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 102.460% |
| 50) Toluene-d8              | 8.646     | 98    | 188300   | 50.245   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 100.480% |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 71028    | 49.409   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | =      | 98.820%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.379     | 43    | 18167    | 32.438   | ug/l   | 98       |
| 18) Methyl Acetate          | 2.702     | 43    | 1711     | 1.317    | ug/l   | 95       |
| 20) Methylene Chloride      | 2.788     | 84    | 2635     | 2.455    | ug/l   | 95       |
| 43) Isopropyl Acetate       | 6.342     | 43    | 10979    | 4.004    | ug/l   | 94       |
| -----                       |           |       |          |          |        |          |

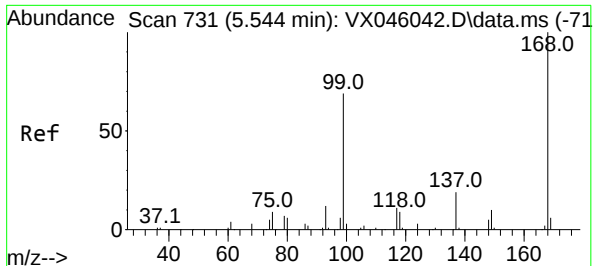
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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  
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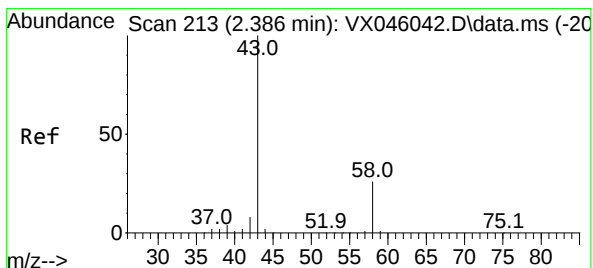
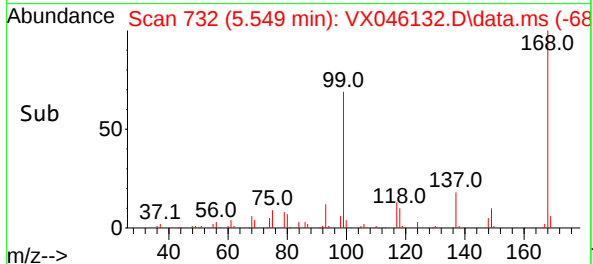
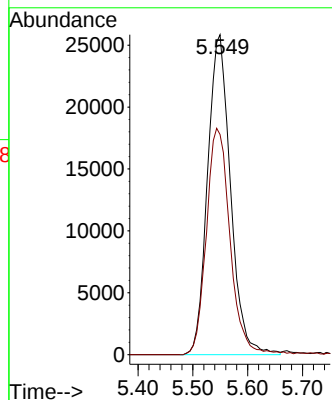
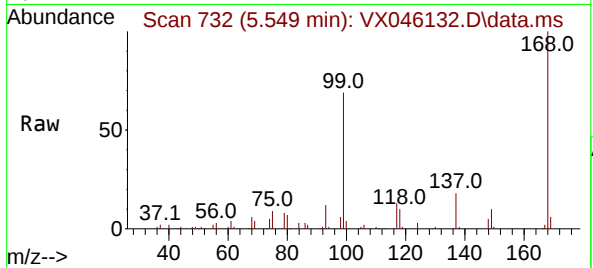




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. 0.005 min  
Lab File: VX046132.D  
Acq: 12 May 2025 12:49

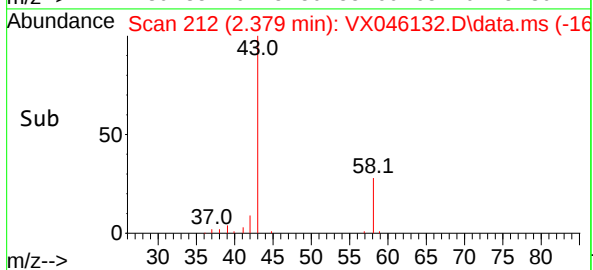
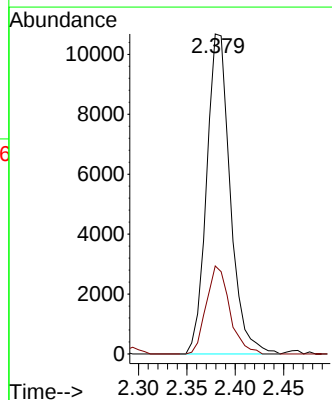
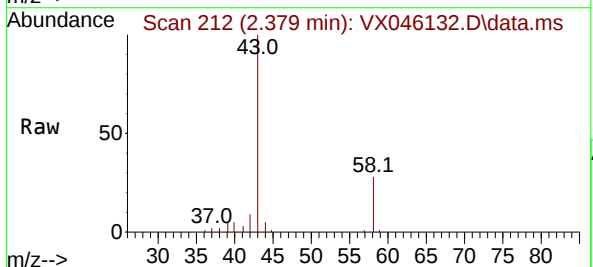
Instrument :  
MSVOA\_X  
ClientSampleId :  
OR-636-COMP-02

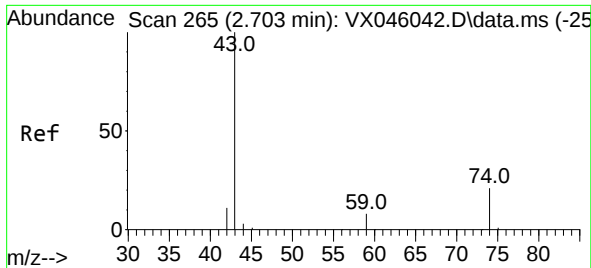
Tgt Ion:168 Resp: 74922  
Ion Ratio Lower Upper  
168 100  
99 68.8 54.9 82.3



#16  
Acetone  
Concen: 32.438 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX046132.D  
Acq: 12 May 2025 12:49

Tgt Ion: 43 Resp: 18167  
Ion Ratio Lower Upper  
43 100  
58 27.5 21.2 31.8

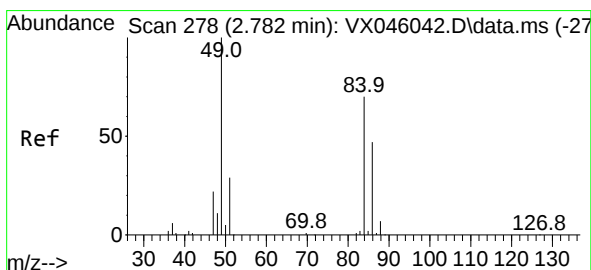
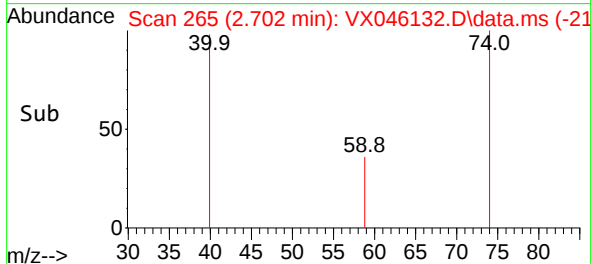
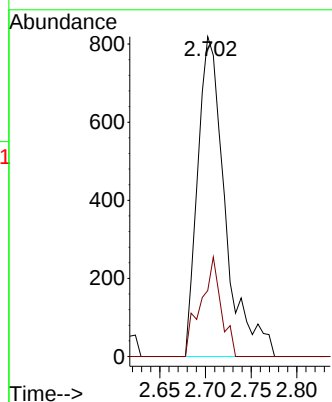
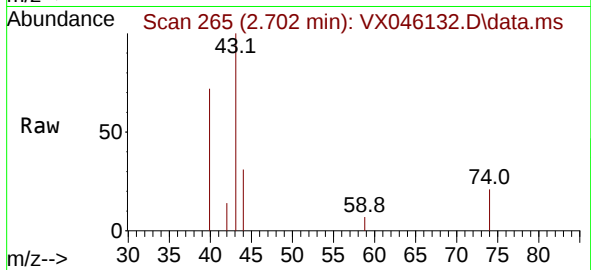




#18  
Methyl Acetate  
Concen: 1.317 ug/l  
RT: 2.702 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX046132.D  
Acq: 12 May 2025 12:49

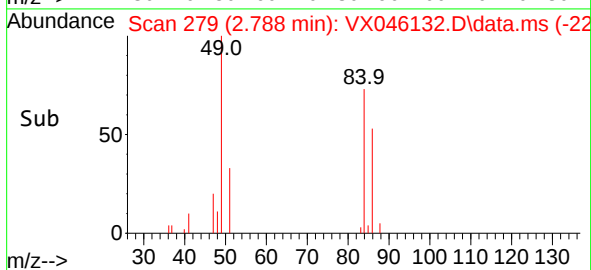
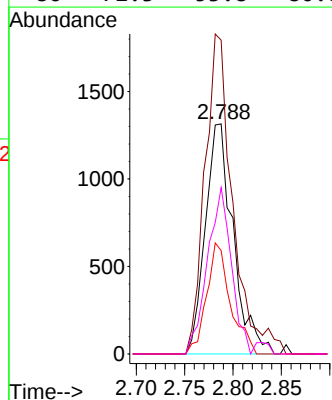
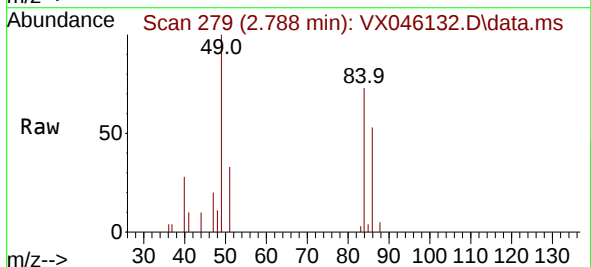
Instrument :  
MSVOA\_X  
ClientSampleId :  
OR-636-COMP-02

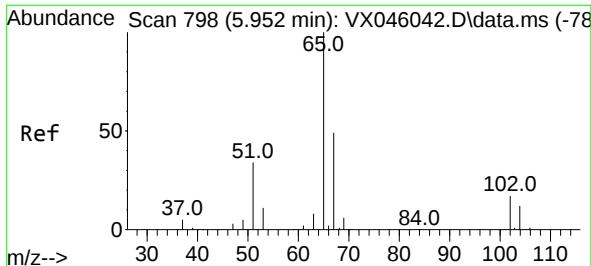
Tgt Ion: 43 Resp: 1711  
Ion Ratio Lower Upper  
43 100  
74 23.1 16.7 25.1



#20  
Methylene Chloride  
Concen: 2.455 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX046132.D  
Acq: 12 May 2025 12:49

Tgt Ion: 84 Resp: 2635  
Ion Ratio Lower Upper  
84 100  
49 136.3 113.9 170.9  
51 44.9 33.5 50.3  
86 72.3 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 54.113 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046132.D

Acq: 12 May 2025 12:49

Instrument :

MSVOA\_X

ClientSampleId :

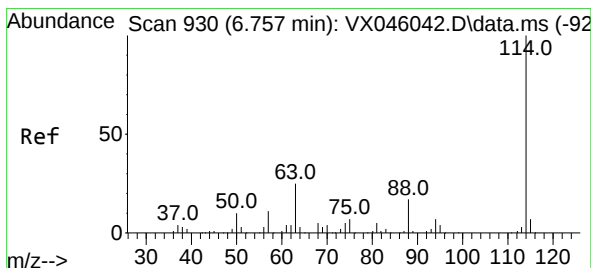
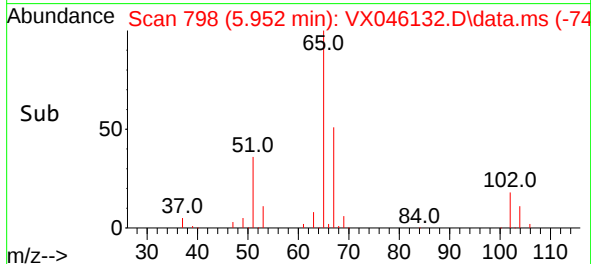
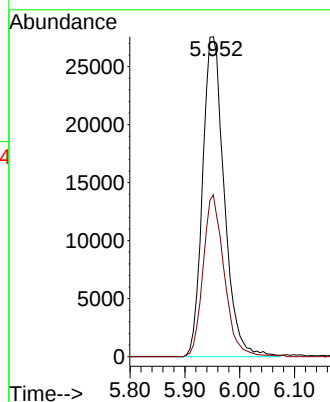
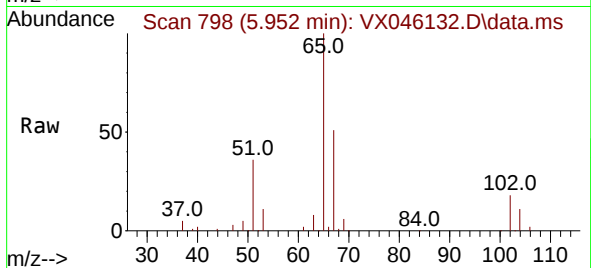
OR-636-COMP-02

Tgt Ion: 65 Resp: 75584

Ion Ratio Lower Upper

65 100

67 49.3 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: VX046132.D

Acq: 12 May 2025 12:49

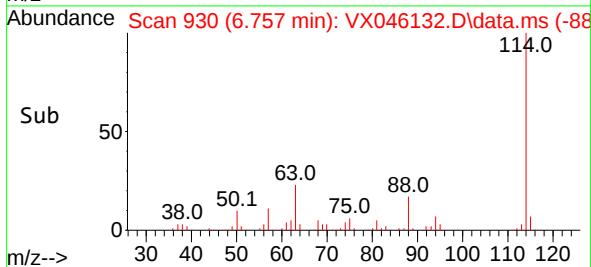
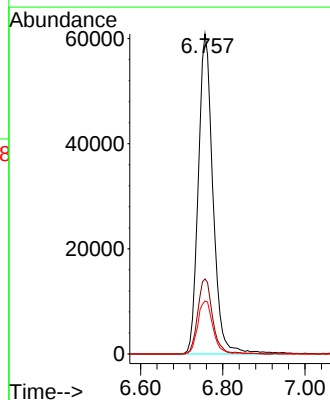
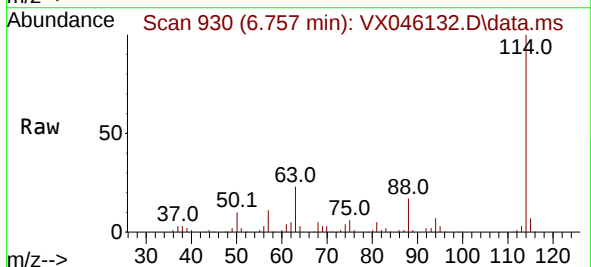
Tgt Ion: 114 Resp: 150365

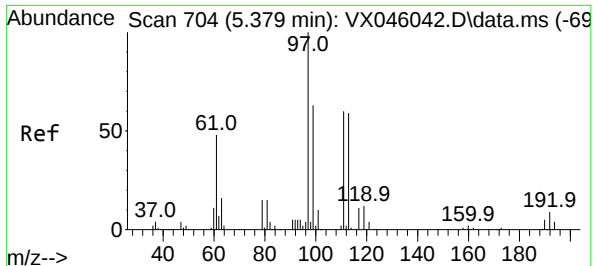
Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

88 16.5 0.0 33.6

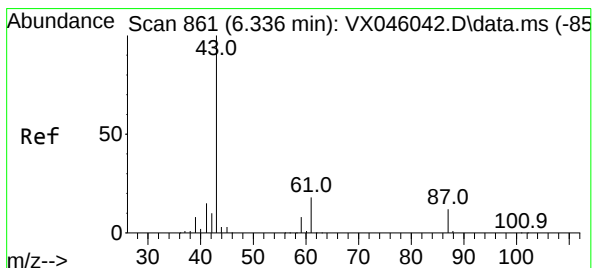
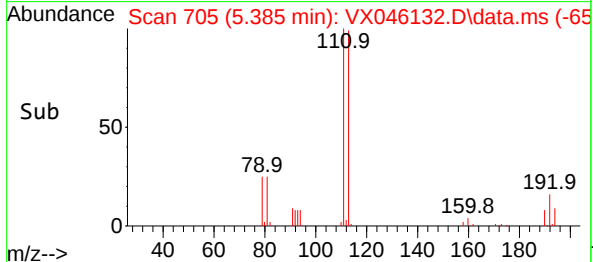
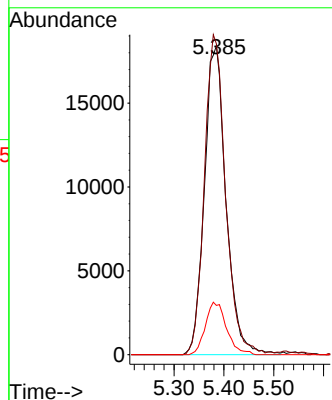
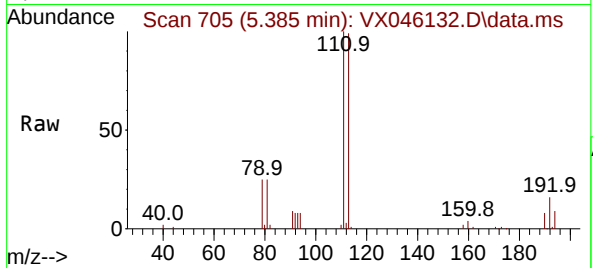




#35  
Dibromofluoromethane  
Concen: 51.225 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX046132.D  
Acq: 12 May 2025 12:49

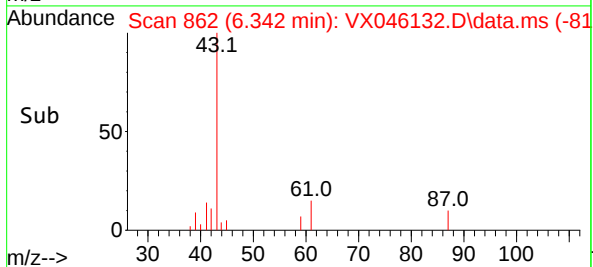
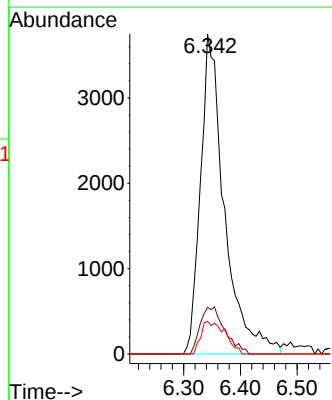
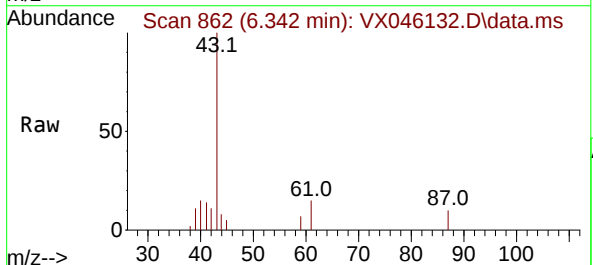
Instrument :  
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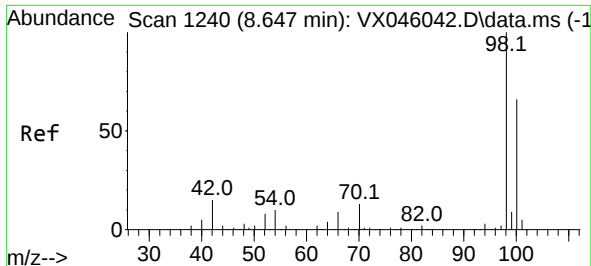
Tgt Ion:113 Resp: 55466  
Ion Ratio Lower Upper  
113 100  
111 101.4 83.1 124.7  
192 16.6 13.3 19.9



#43  
Isopropyl Acetate  
Concen: 4.004 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX046132.D  
Acq: 12 May 2025 12:49

Tgt Ion: 43 Resp: 10979  
Ion Ratio Lower Upper  
43 100  
61 15.1 14.3 21.5  
87 10.3 9.5 14.3

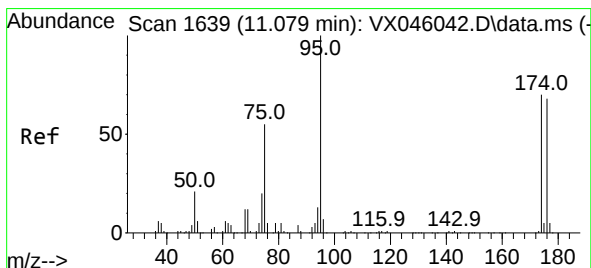
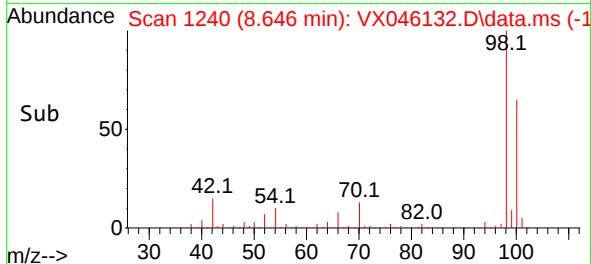
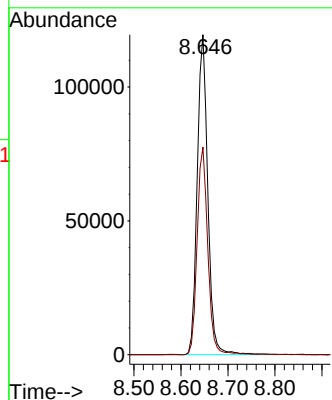
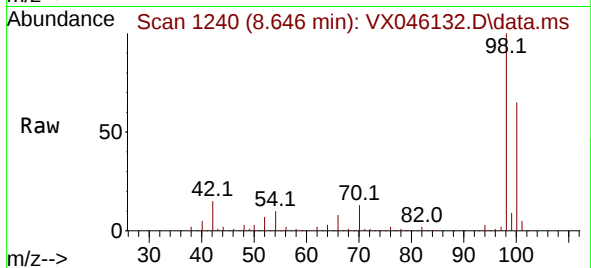




#50  
Toluene-d8  
Concen: 50.245 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046132.D  
Acq: 12 May 2025 12:49

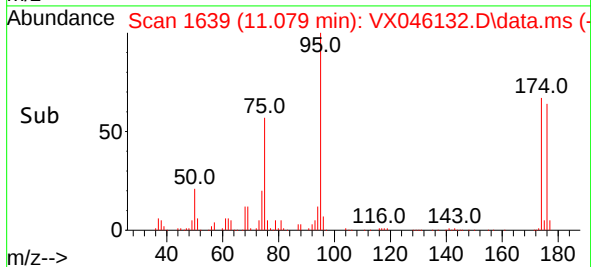
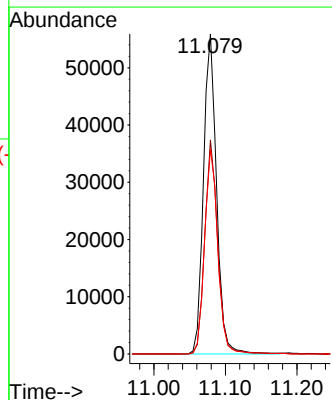
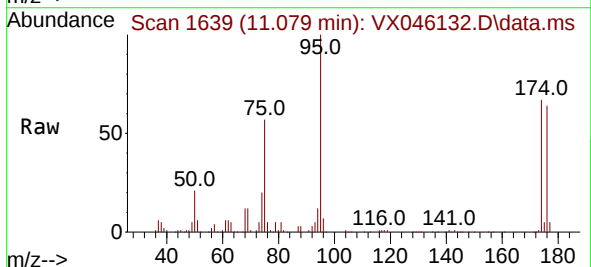
Instrument :  
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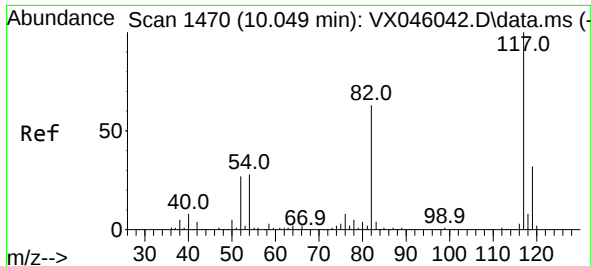
Tgt Ion: 98 Resp: 188300  
Ion Ratio Lower Upper  
98 100  
100 65.2 53.5 80.3



#62  
4-Bromofluorobenzene  
Concen: 49.409 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046132.D  
Acq: 12 May 2025 12:49

Tgt Ion: 95 Resp: 71028  
Ion Ratio Lower Upper  
95 100  
174 66.1 0.0 135.8  
176 64.8 0.0 131.4

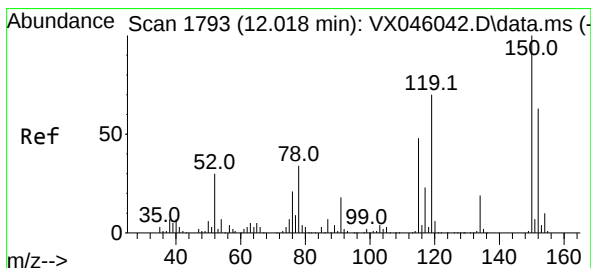
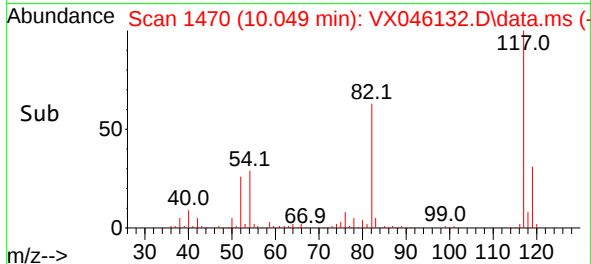
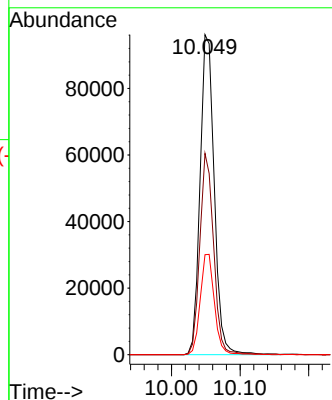
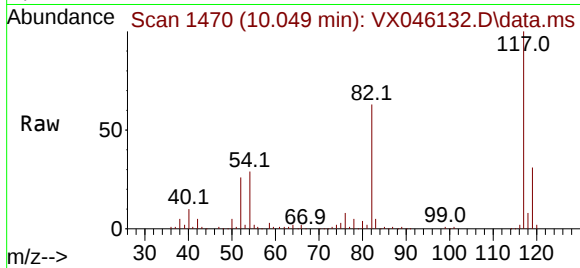




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX046132.D  
Acq: 12 May 2025 12:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
OR-636-COMP-02

Tgt Ion:117 Resp: 138880  
Ion Ratio Lower Upper  
117 100  
82 62.9 50.6 76.0  
119 31.2 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: VX046132.D  
Acq: 12 May 2025 12:49

Tgt Ion:152 Resp: 59791  
Ion Ratio Lower Upper  
152 100  
115 65.4 46.9 140.7  
150 158.8 0.0 351.0

