

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032525\  
 Data File : VN086111.D  
 Acq On : 25 Mar 2025 19:28  
 Operator : JC\MD  
 Sample : Q1626-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 CO-32-1

Quant Time: Mar 26 03:25:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 19 03:20:56 2025  
 Response via : Initial Calibration

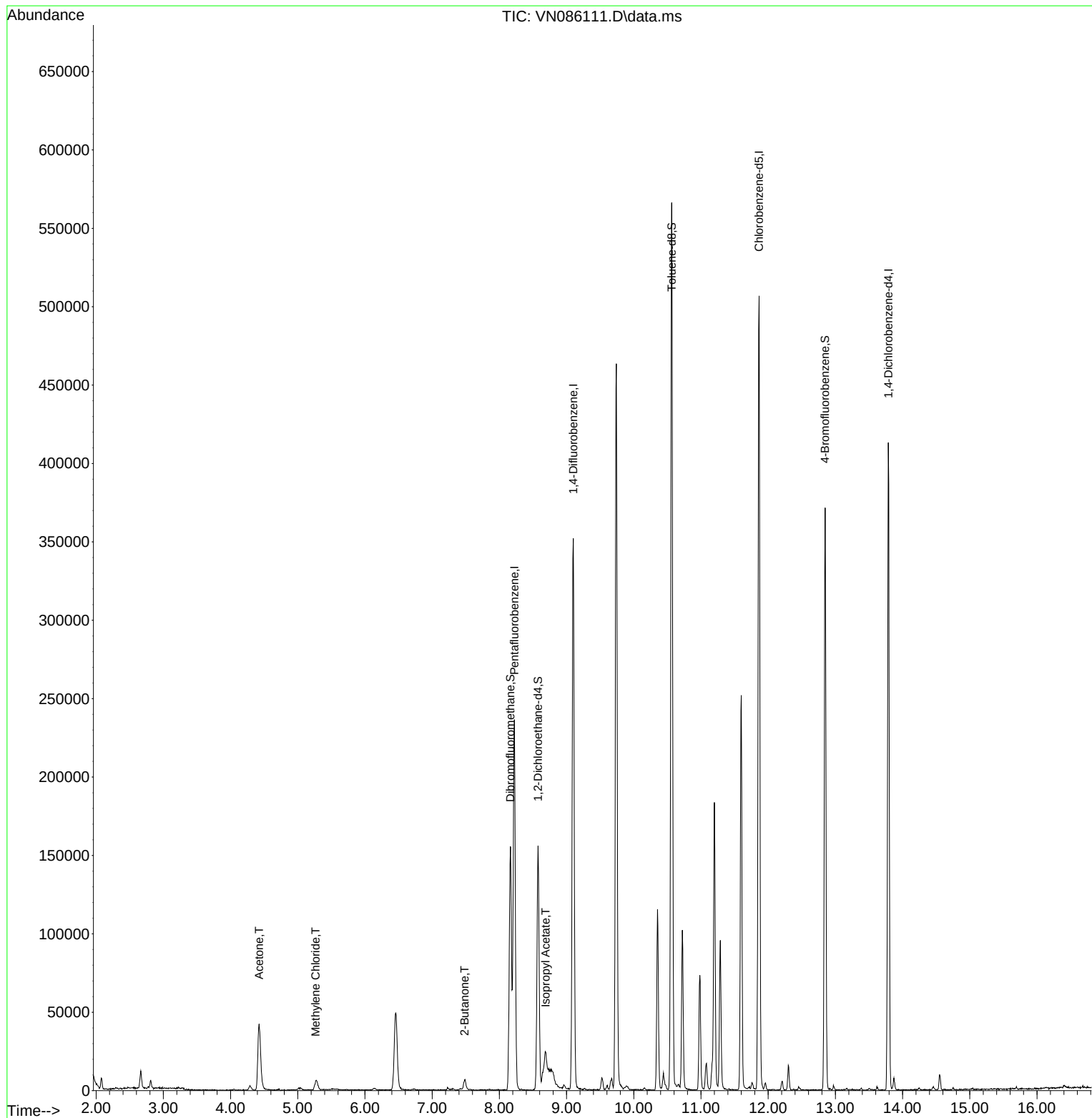
| Compound                    | R.T. QIon |                | Response | Conc    | Units    | Dev(Min) |
|-----------------------------|-----------|----------------|----------|---------|----------|----------|
| -----                       |           |                |          |         |          |          |
| Internal Standards          |           |                |          |         |          |          |
| 1) Pentafluorobenzene       | 8.224     | 168            | 166979   | 50.000  | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100     | 114            | 313069   | 50.000  | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 11.865    | 117            | 308081   | 50.000  | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788    | 152            | 116432   | 50.000  | ug/l     | 0.00     |
| System Monitoring Compounds |           |                |          |         |          |          |
| 33) 1,2-Dichloroethane-d4   | 8.577     | 65             | 129226   | 56.517  | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 74 - 125 | Recovery | =       | 113.040% |          |
| 35) Dibromofluoromethane    | 8.165     | 113            | 111924   | 51.220  | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | =       | 102.440% |          |
| 50) Toluene-d8              | 10.565    | 98             | 405905   | 51.182  | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 86 - 113 | Recovery | =       | 102.360% |          |
| 62) 4-Bromofluorobenzene    | 12.847    | 95             | 130113   | 46.004  | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 77 - 121 | Recovery | =       | 92.000%  |          |
| Target Compounds            |           |                |          |         |          |          |
|                             |           |                |          |         | Qvalue   |          |
| 16) Acetone                 | 4.424     | 43             | 76626    | 109.693 | ug/l     | 97       |
| 20) Methylene Chloride      | 5.265     | 84             | 4898     | 2.397   | ug/l     | 92       |
| 25) 2-Butanone              | 7.483     | 43             | 11198    | 11.110  | ug/l #   | 78       |
| 43) Isopropyl Acetate       | 8.688     | 43             | 33709    | 6.408   | ug/l #   | 67       |
| -----                       |           |                |          |         |          |          |

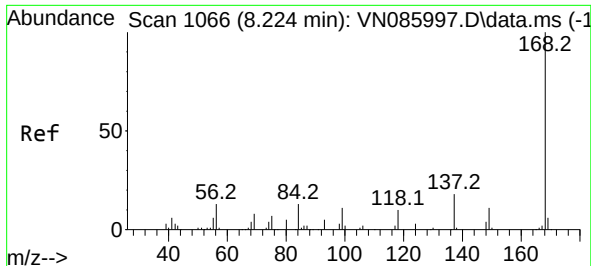
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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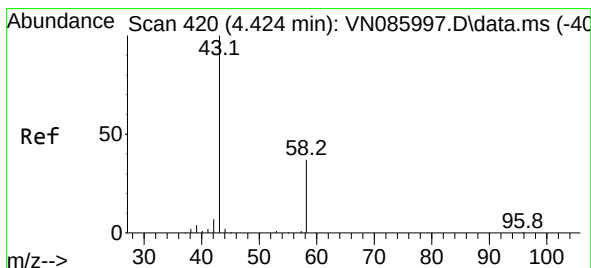
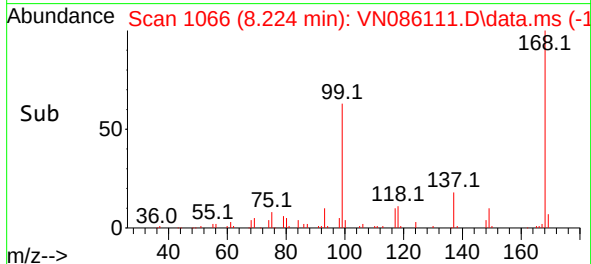
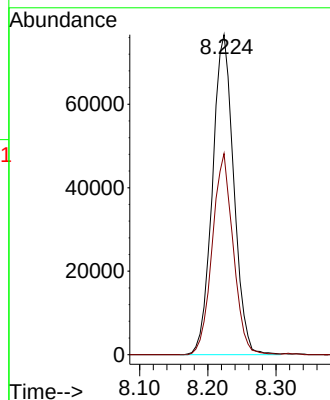
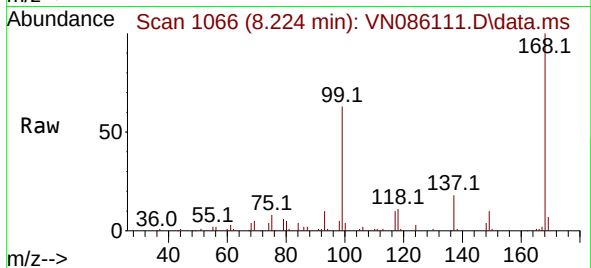




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN086111.D  
Acq: 25 Mar 2025 19:28

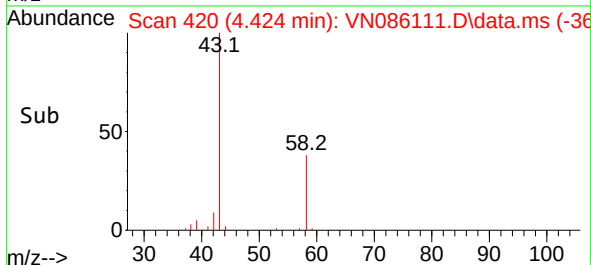
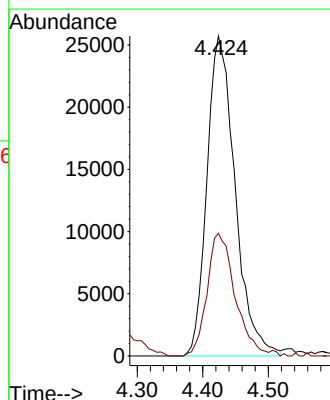
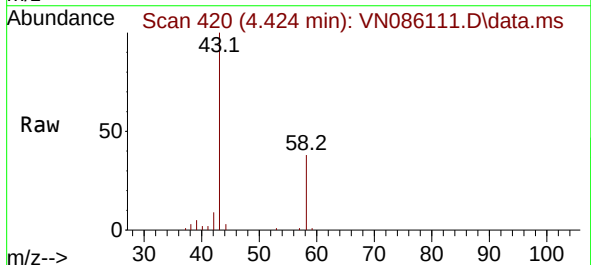
Instrument :  
MSVOA\_N  
ClientSampleId :  
CO-32-1

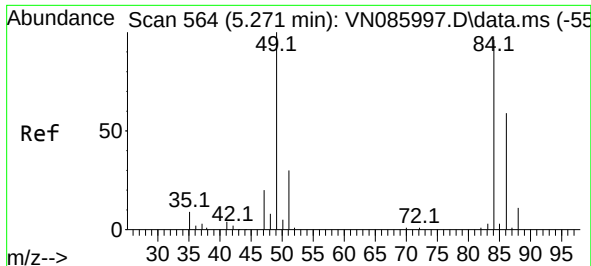
Tgt Ion:168 Resp: 166979  
Ion Ratio Lower Upper  
168 100  
99 62.9 49.4 74.2



#16  
Acetone  
Concen: 109.693 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN086111.D  
Acq: 25 Mar 2025 19:28

Tgt Ion: 43 Resp: 76626  
Ion Ratio Lower Upper  
43 100  
58 38.3 29.4 44.2





#20

Methylene Chloride

Concen: 2.397 ug/l

RT: 5.265 min Scan# 5

Delta R.T. -0.006 min

Lab File: VN086111.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA\_N

ClientSampleId :

CO-32-1

Tgt Ion: 84 Resp: 4898

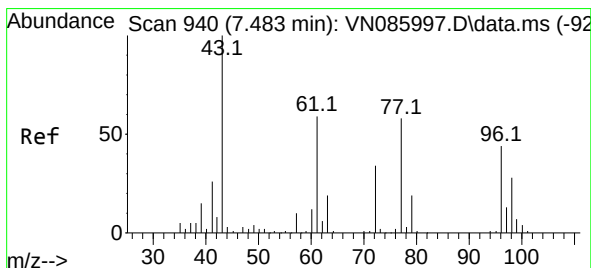
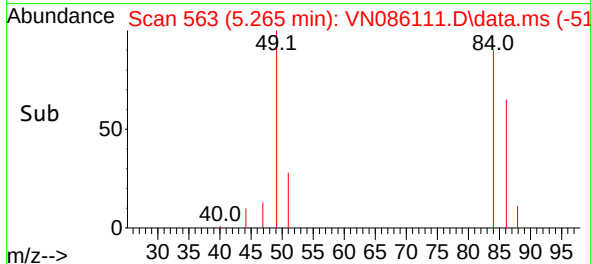
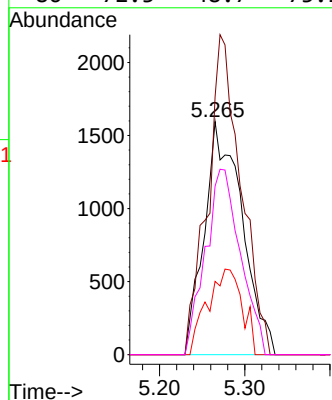
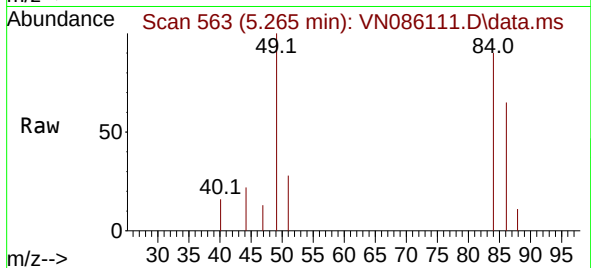
Ion Ratio Lower Upper

84 100

49 110.6 83.3 124.9

51 31.4 24.8 37.2

86 72.3 48.7 73.1



#25

2-Butanone

Concen: 11.110 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN086111.D

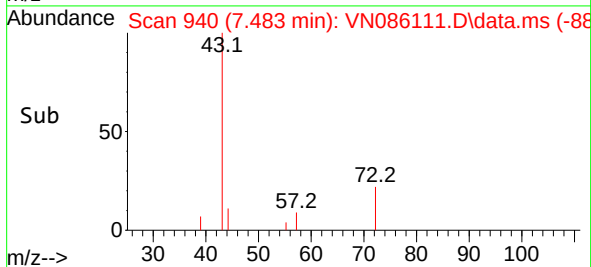
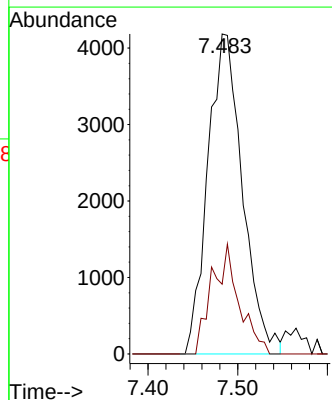
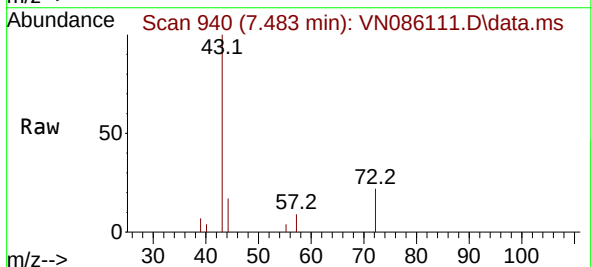
Acq: 25 Mar 2025 19:28

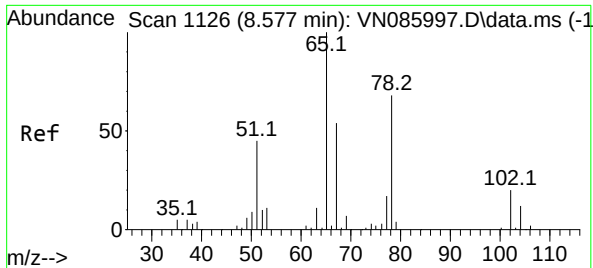
Tgt Ion: 43 Resp: 11198

Ion Ratio Lower Upper

43 100

72 21.8 27.4 41.0#





#33

1,2-Dichloroethane-d4

Concen: 56.517 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086111.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA\_N

ClientSampleId :

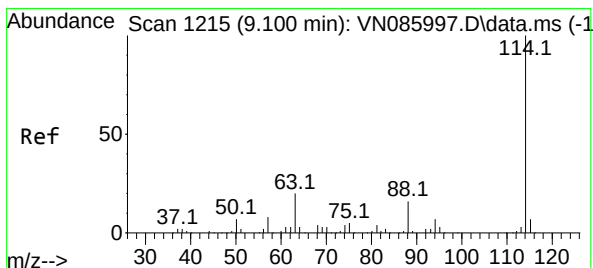
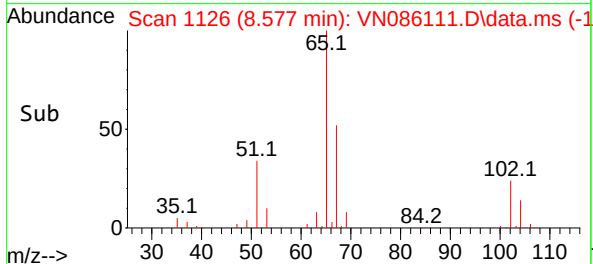
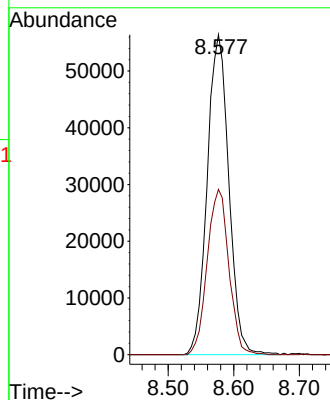
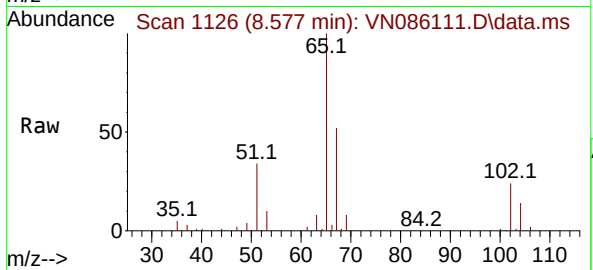
CO-32-1

Tgt Ion: 65 Resp: 129226

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086111.D

Acq: 25 Mar 2025 19:28

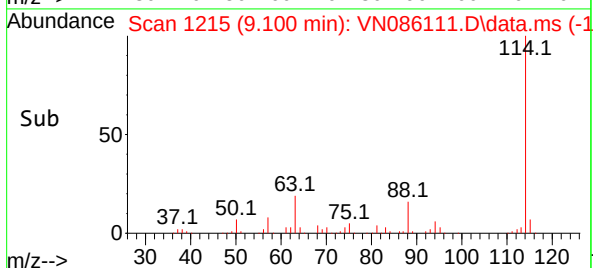
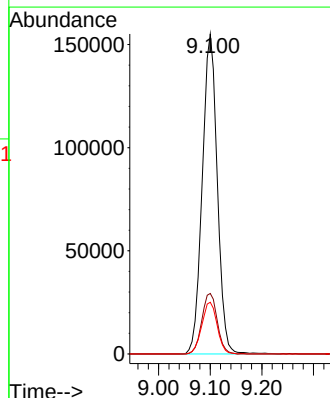
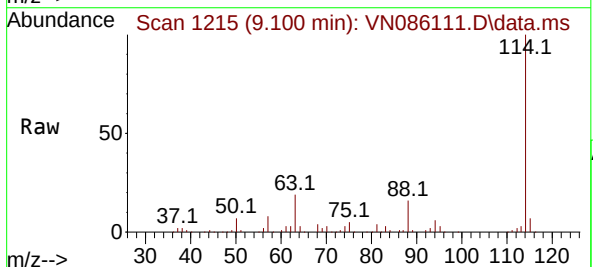
Tgt Ion: 114 Resp: 313069

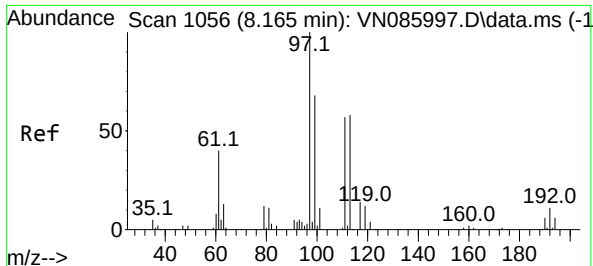
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.220 ug/l

RT: 8.165 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN086111.D

Acq: 25 Mar 2025 19:28

Instrument :

MSVOA\_N

ClientSampleId :

CO-32-1

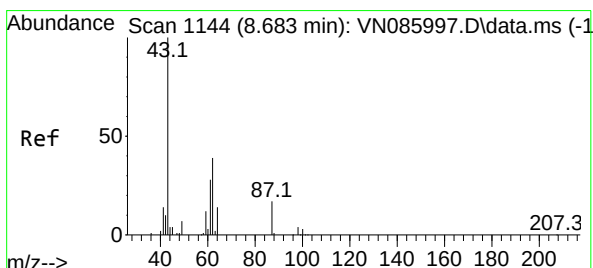
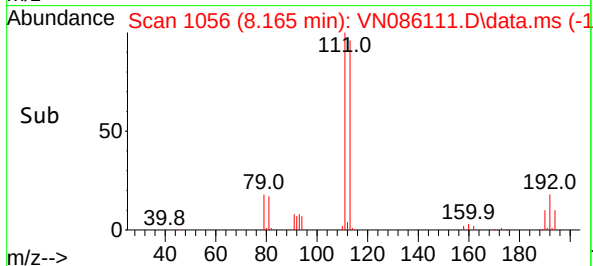
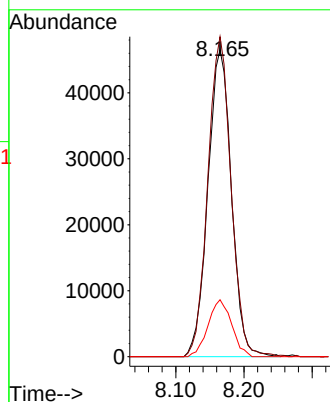
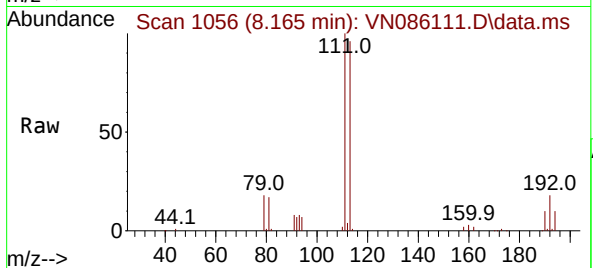
Tgt Ion:113 Resp: 111924

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

192 18.5 15.9 23.9



#43

Isopropyl Acetate

Concen: 6.408 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086111.D

Acq: 25 Mar 2025 19:28

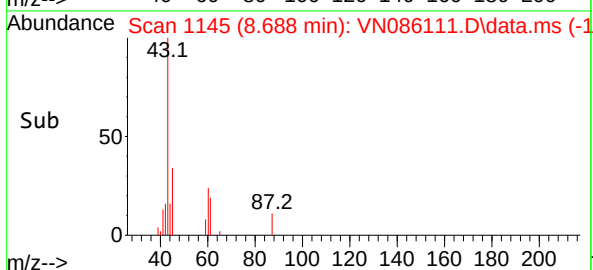
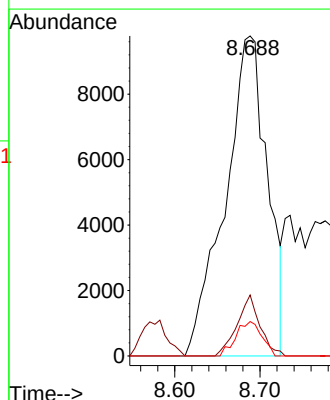
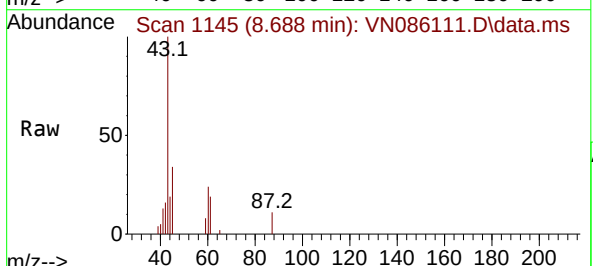
Tgt Ion: 43 Resp: 33709

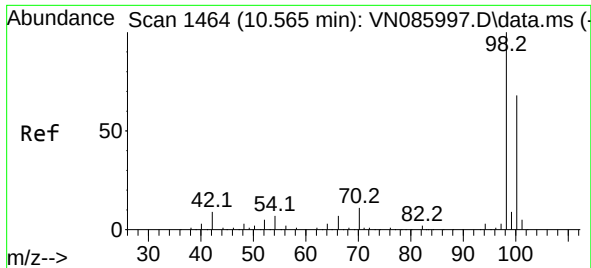
Ion Ratio Lower Upper

43 100

61 10.3 25.0 37.6#

87 6.6 13.0 19.4#

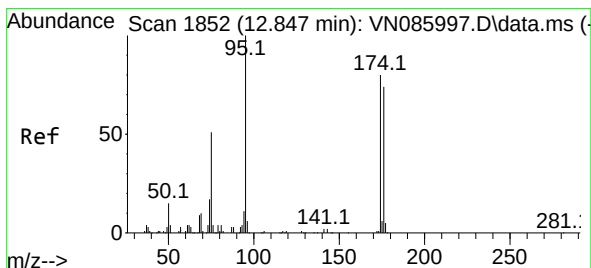
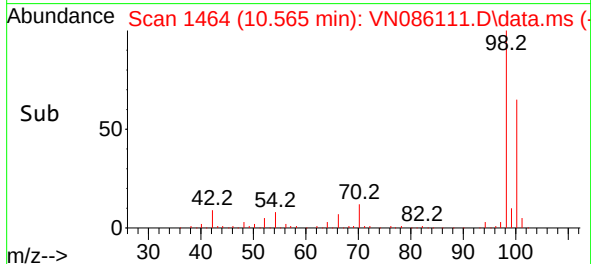
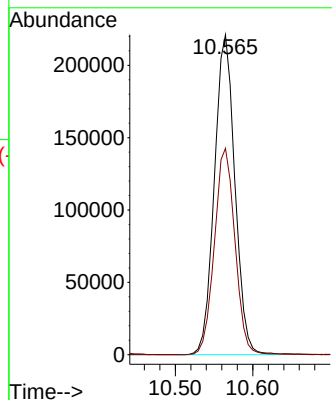
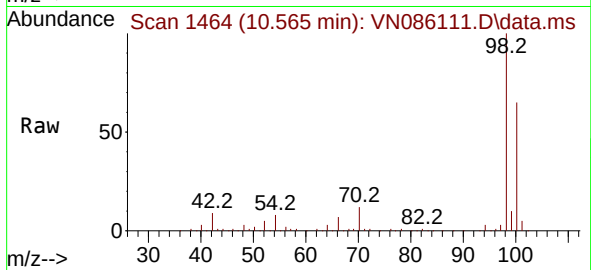




#50  
Toluene-d8  
Concen: 51.182 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN086111.D  
Acq: 25 Mar 2025 19:28

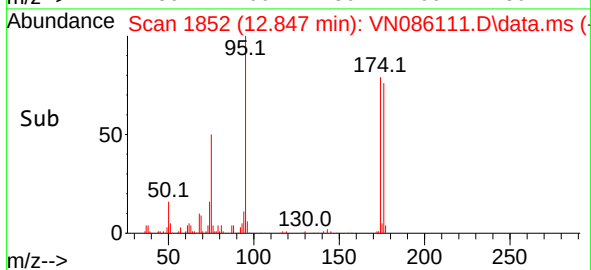
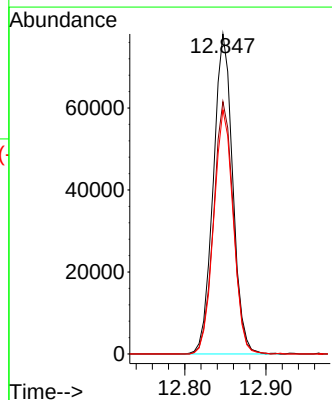
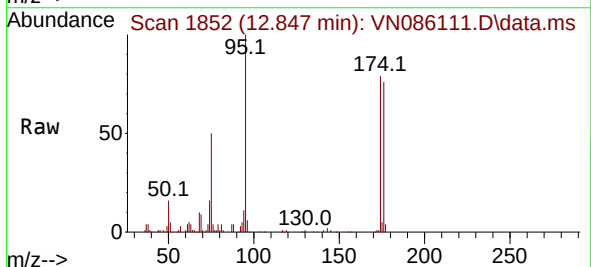
Instrument :  
MSVOA\_N  
ClientSampleId :  
CO-32-1

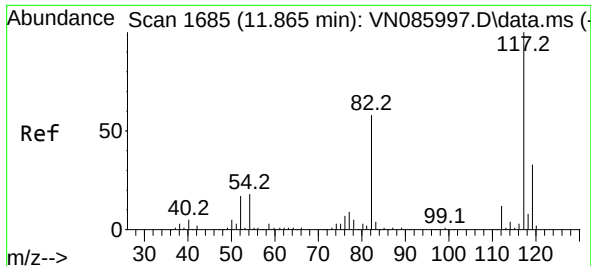
Tgt Ion: 98 Resp: 405905  
Ion Ratio Lower Upper  
98 100  
100 64.9 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 46.004 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN086111.D  
Acq: 25 Mar 2025 19:28

Tgt Ion: 95 Resp: 130113  
Ion Ratio Lower Upper  
95 100  
174 80.3 0.0 156.8  
176 76.4 0.0 152.2

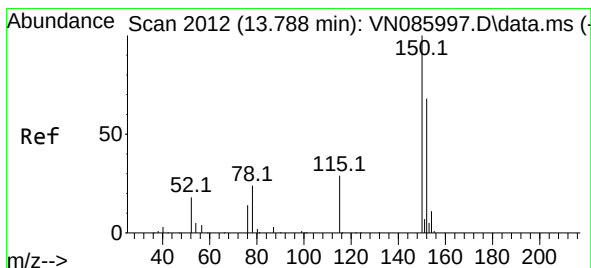
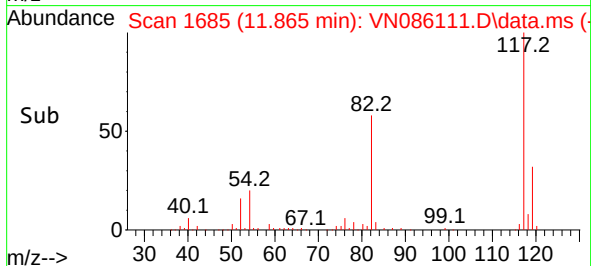
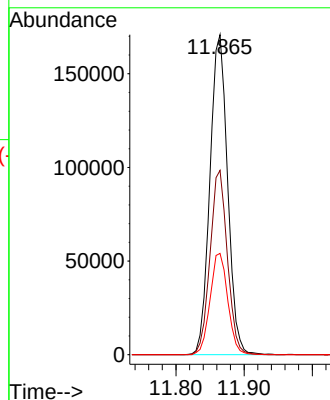
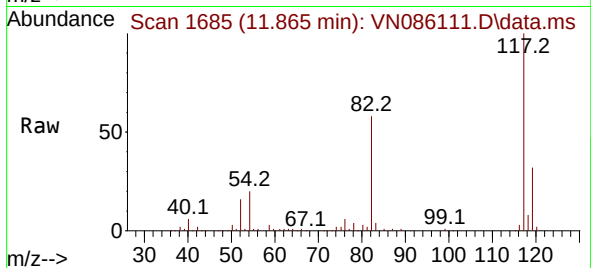




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN086111.D  
Acq: 25 Mar 2025 19:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
CO-32-1

Tgt Ion:117 Resp: 308081  
Ion Ratio Lower Upper  
117 100  
82 57.6 46.7 70.1  
119 31.6 26.5 39.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN086111.D  
Acq: 25 Mar 2025 19:28

Tgt Ion:152 Resp: 116432  
Ion Ratio Lower Upper  
152 100  
115 60.6 31.1 93.2  
150 158.0 0.0 359.6

