

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020325\  
 Data File : VN085642.D  
 Acq On : 03 Feb 2025 23:14  
 Operator : JC\MD  
 Sample : Q1232-10  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 JPP-42.1-012925

Quant Time: Feb 04 01:01:48 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

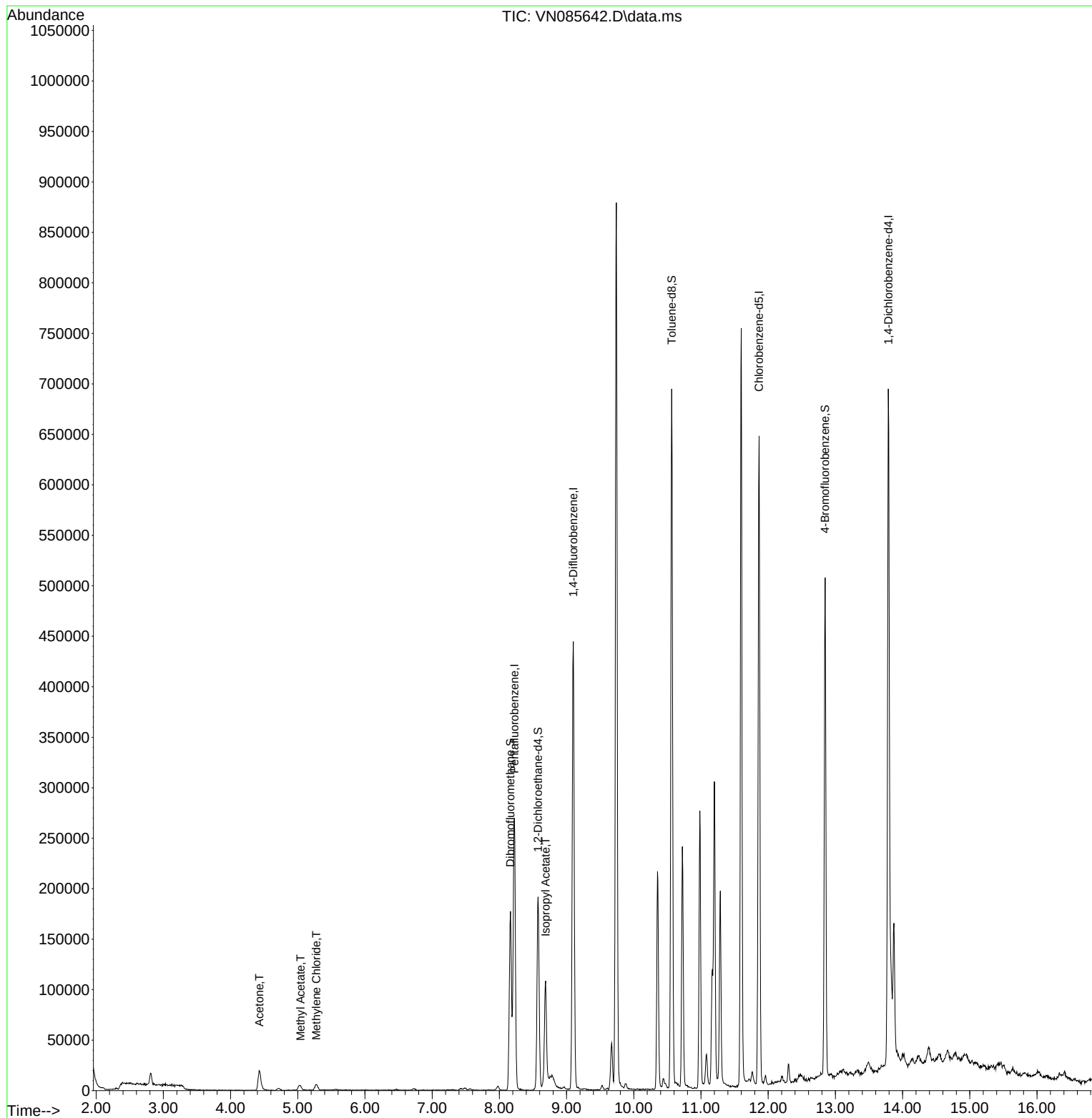
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.224  | 168   | 193386   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100  | 114   | 384666   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 362979   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788 | 152   | 158909   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.576  | 65    | 150929   | 48.349   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 96.700%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 125659   | 47.087   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 94.180%  |
| 50) Toluene-d8              | 10.565 | 98    | 483742   | 51.019   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 102.040% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 164887   | 50.837   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =      | 101.680% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.430  | 43    | 37932    | 37.607   | ug/l   | 95       |
| 18) Methyl Acetate          | 5.041  | 43    | 10600    | 3.456    | ug/l   | 95       |
| 20) Methylene Chloride      | 5.277  | 84    | 4477     | 1.793    | ug/l   | 97       |
| 43) Isopropyl Acetate       | 8.688  | 43    | 121069   | 19.986   | ug/l # | 89       |
| -----                       |        |       |          |          |        |          |

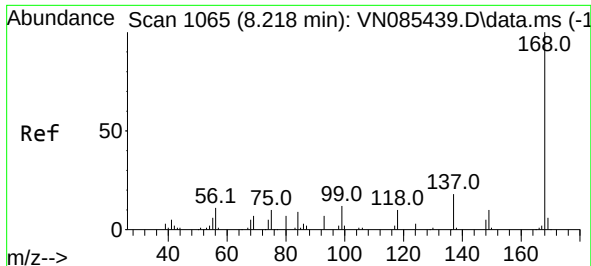
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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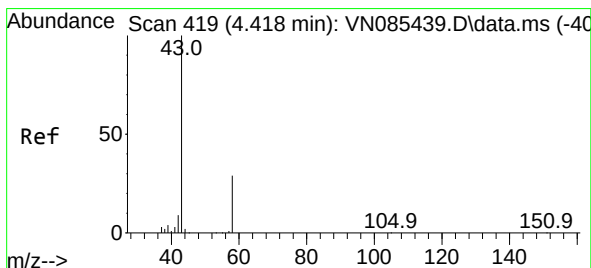
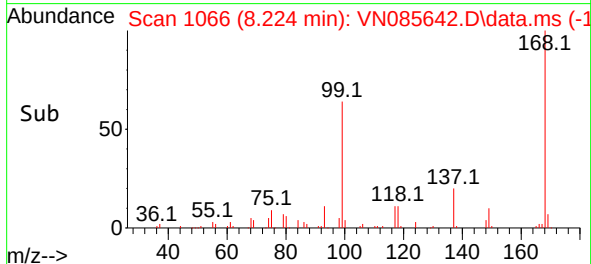
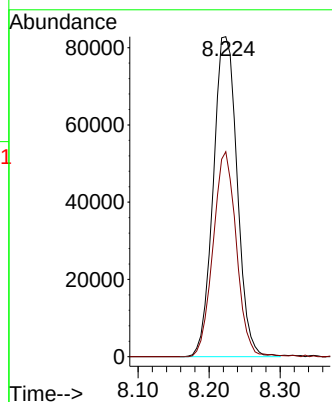
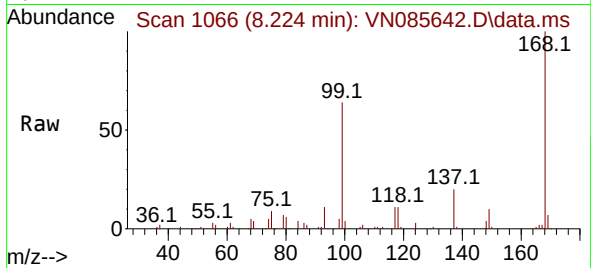




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085642.D  
Acq: 03 Feb 2025 23:14

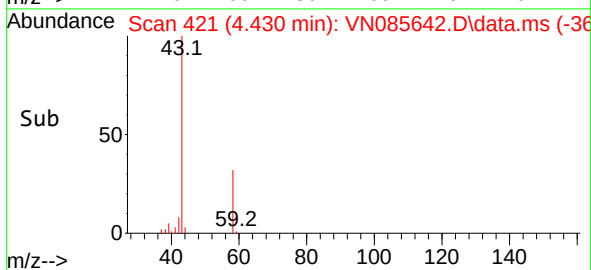
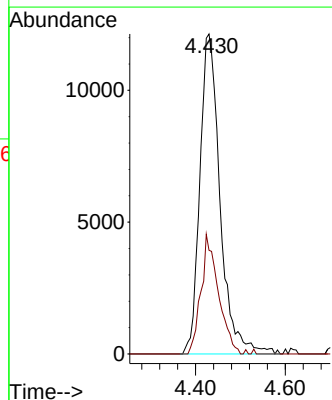
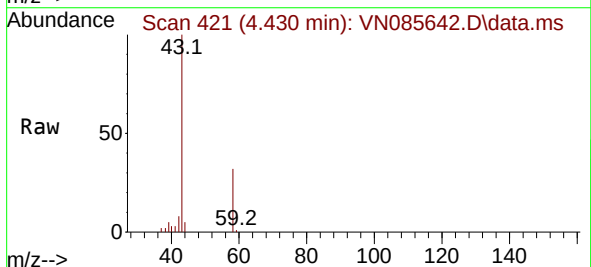
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MSVOA\_N  
ClientSampleId :  
JPP-42.1-012925

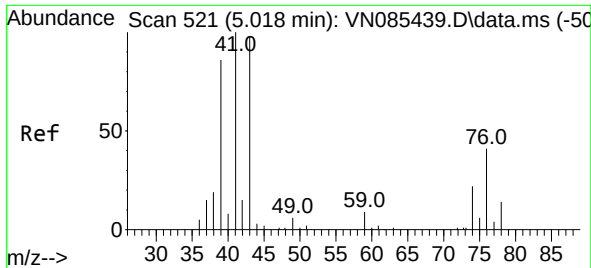
Tgt Ion:168 Resp: 193386  
Ion Ratio Lower Upper  
168 100  
99 64.0 53.6 80.4



#16  
Acetone  
Concen: 37.607 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.012 min  
Lab File: VN085642.D  
Acq: 03 Feb 2025 23:14

Tgt Ion: 43 Resp: 37932  
Ion Ratio Lower Upper  
43 100  
58 32.4 23.8 35.6

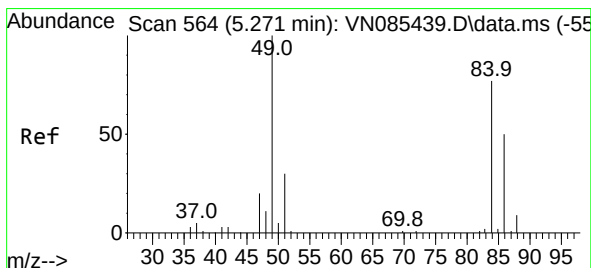
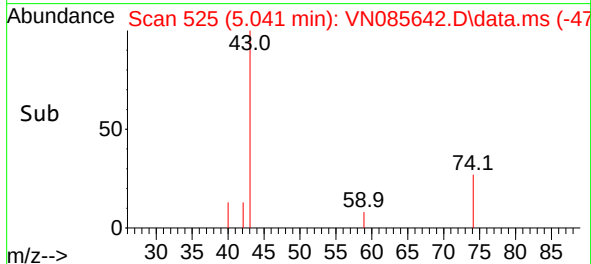
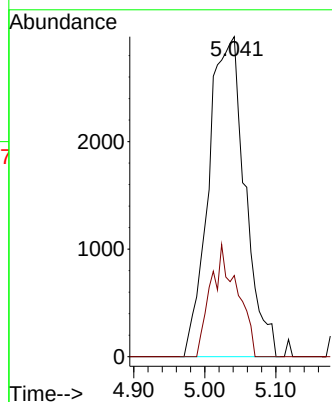
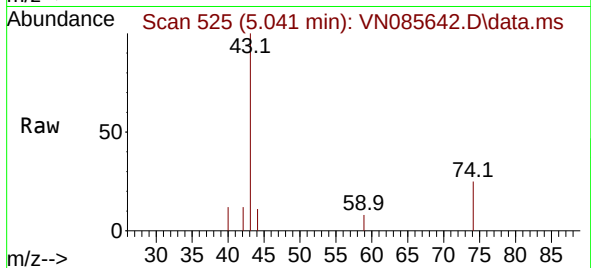




#18  
Methyl Acetate  
Concen: 3.456 ug/l  
RT: 5.041 min Scan# 51  
Delta R.T. 0.023 min  
Lab File: VN085642.D  
Acq: 03 Feb 2025 23:14

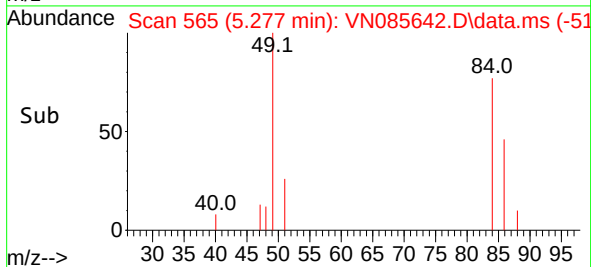
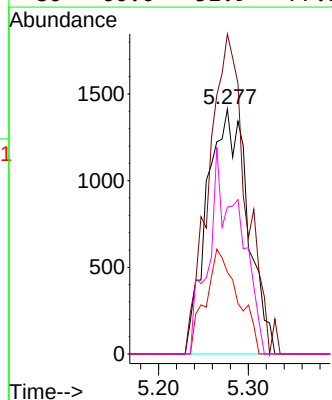
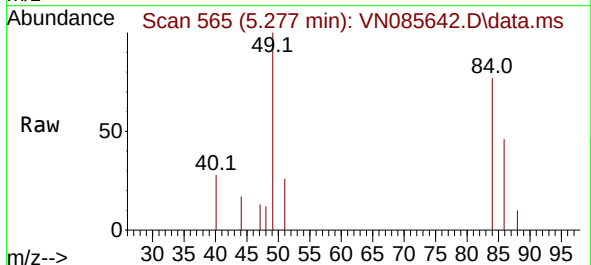
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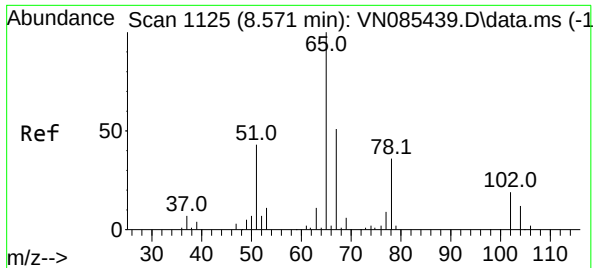
Tgt Ion: 43 Resp: 10600  
Ion Ratio Lower Upper  
43 100  
74 25.6 18.6 28.0



#20  
Methylene Chloride  
Concen: 1.793 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN085642.D  
Acq: 03 Feb 2025 23:14

Tgt Ion: 84 Resp: 4477  
Ion Ratio Lower Upper  
84 100  
49 130.6 104.1 156.1  
51 33.4 31.0 46.4  
86 60.0 51.9 77.9

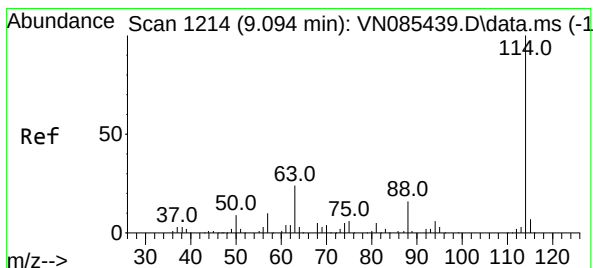
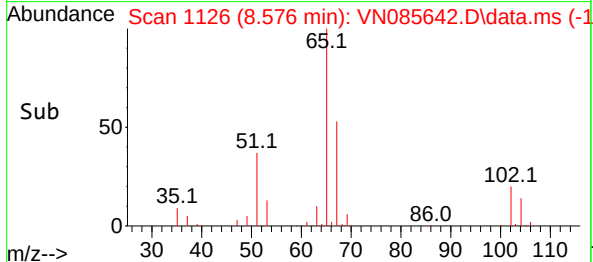
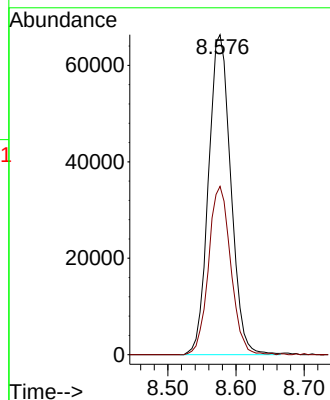
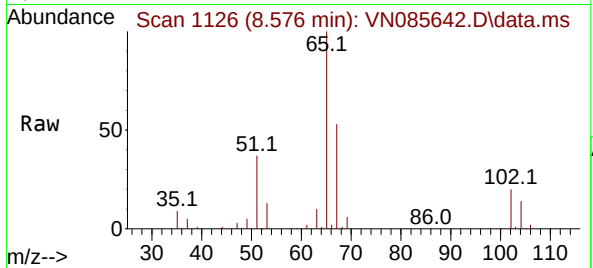




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.349 ug/l  
 RT: 8.576 min Scan# 1125  
 Delta R.T. 0.006 min  
 Lab File: VN085642.D  
 Acq: 03 Feb 2025 23:14

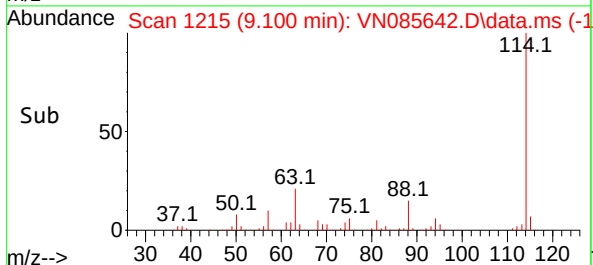
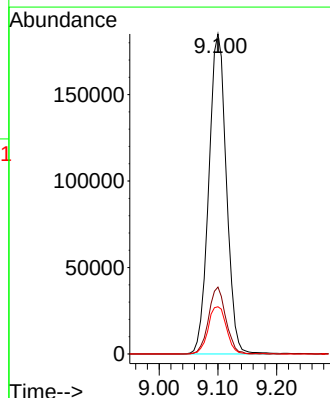
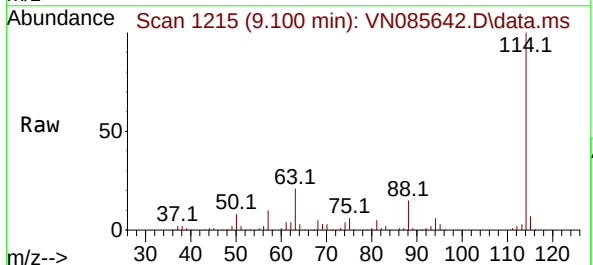
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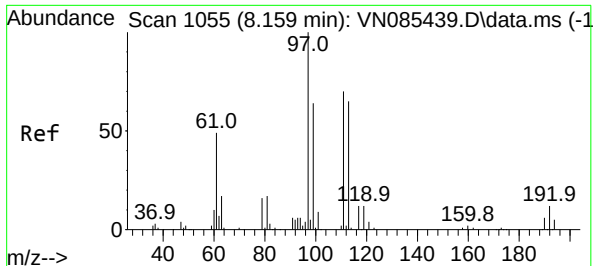
Tgt Ion: 65 Resp: 150929  
 Ion Ratio Lower Upper  
 65 100  
 67 52.4 0.0 101.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.006 min  
 Lab File: VN085642.D  
 Acq: 03 Feb 2025 23:14

Tgt Ion: 114 Resp: 384666  
 Ion Ratio Lower Upper  
 114 100  
 63 20.9 0.0 47.6  
 88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.087 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN085642.D

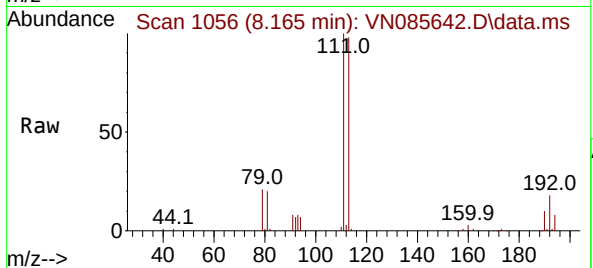
Acq: 03 Feb 2025 23:14

Instrument :

MSVOA\_N

ClientSampleId :

JPP-42.1-012925



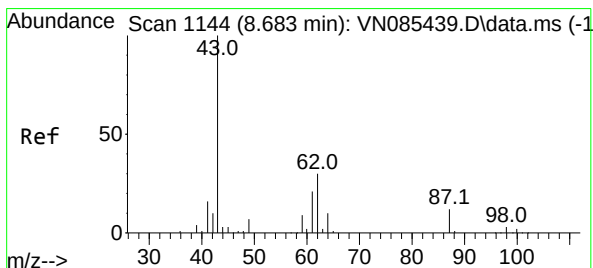
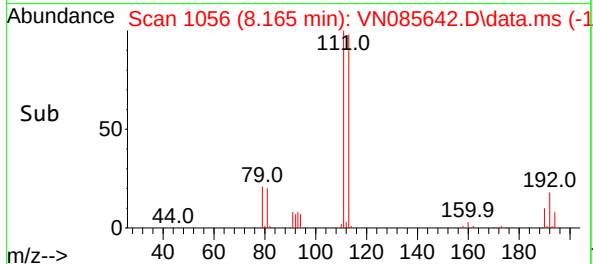
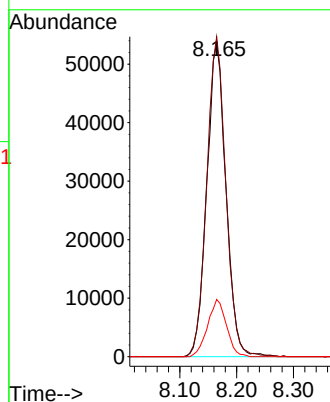
Tgt Ion:113 Resp: 125659

Ion Ratio Lower Upper

113 100

111 101.4 82.7 124.1

192 17.9 14.3 21.5



#43

Isopropyl Acetate

Concen: 19.986 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085642.D

Acq: 03 Feb 2025 23:14

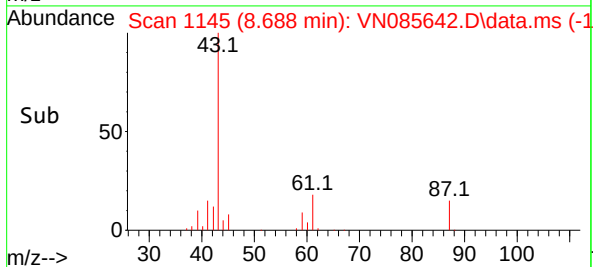
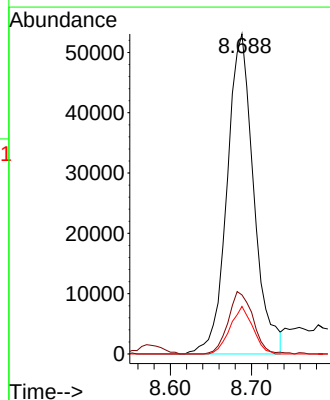
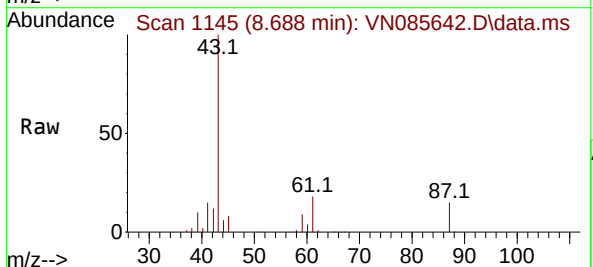
Tgt Ion: 43 Resp: 121069

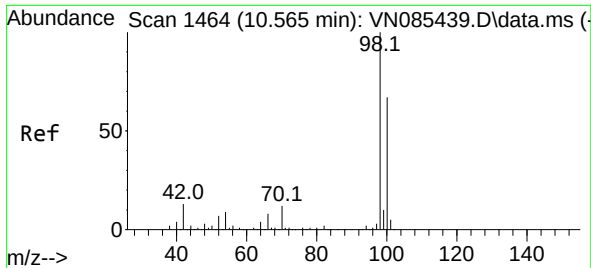
Ion Ratio Lower Upper

43 100

61 18.1 20.7 31.1#

87 12.6 9.8 14.8

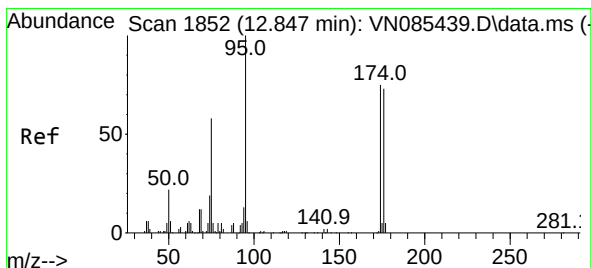
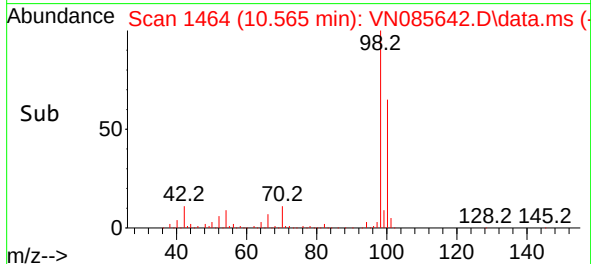
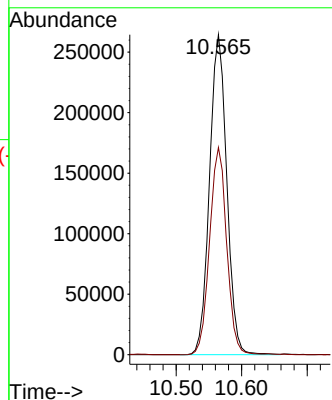
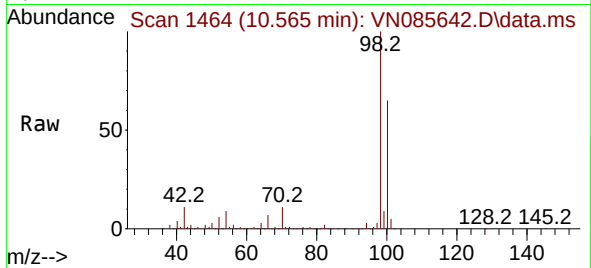




#50  
Toluene-d8  
Concen: 51.019 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN085642.D  
Acq: 03 Feb 2025 23:14

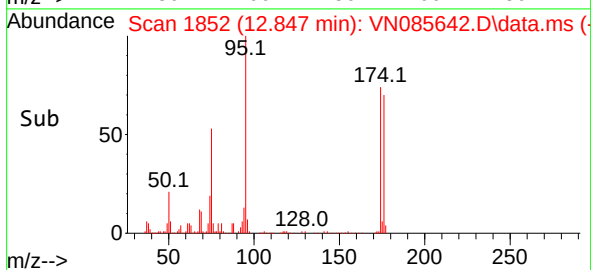
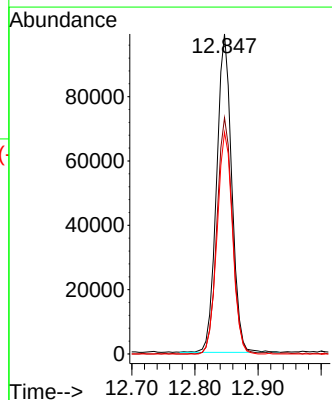
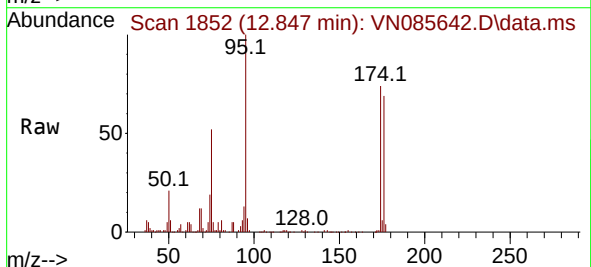
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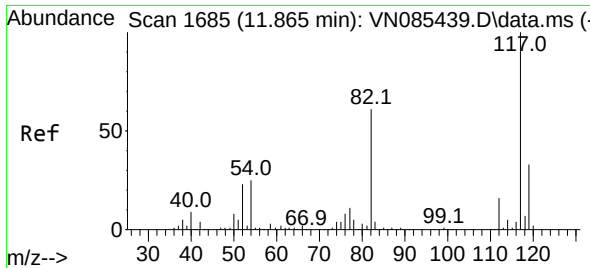
Tgt Ion: 98 Resp: 483742  
Ion Ratio Lower Upper  
98 100  
100 64.1 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 50.837 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN085642.D  
Acq: 03 Feb 2025 23:14

Tgt Ion: 95 Resp: 164887  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 145.0  
176 71.0 0.0 142.4

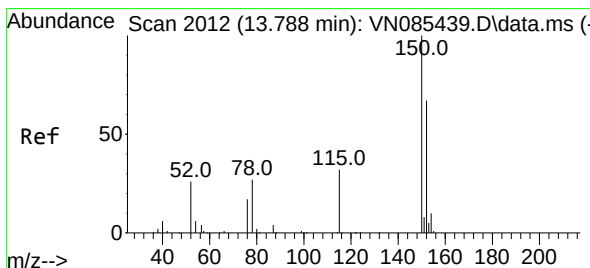
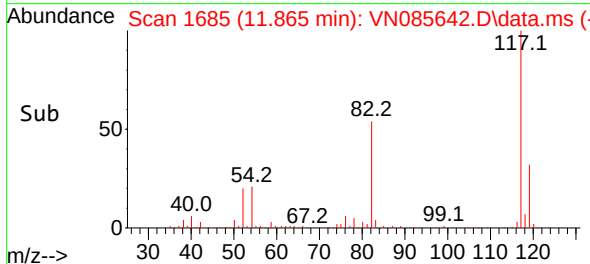
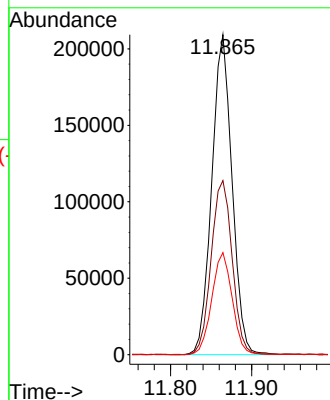
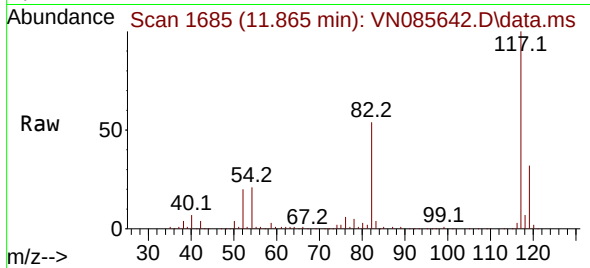




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN085642.D  
Acq: 03 Feb 2025 23:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
JPP-42.1-012925

Tgt Ion:117 Resp: 362979  
Ion Ratio Lower Upper  
117 100  
82 54.4 48.6 72.8  
119 31.8 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN085642.D  
Acq: 03 Feb 2025 23:14

Tgt Ion:152 Resp: 158909  
Ion Ratio Lower Upper  
152 100  
115 69.0 31.1 93.3  
150 157.4 0.0 343.6

