

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052924\  
 Data File : VN082378.D  
 Acq On : 29 May 2024 18:17  
 Operator : JC\MD  
 Sample : P2612-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VNJ-203

Quant Time: May 30 05:47:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 05:21:06 2024  
 Response via : Initial Calibration

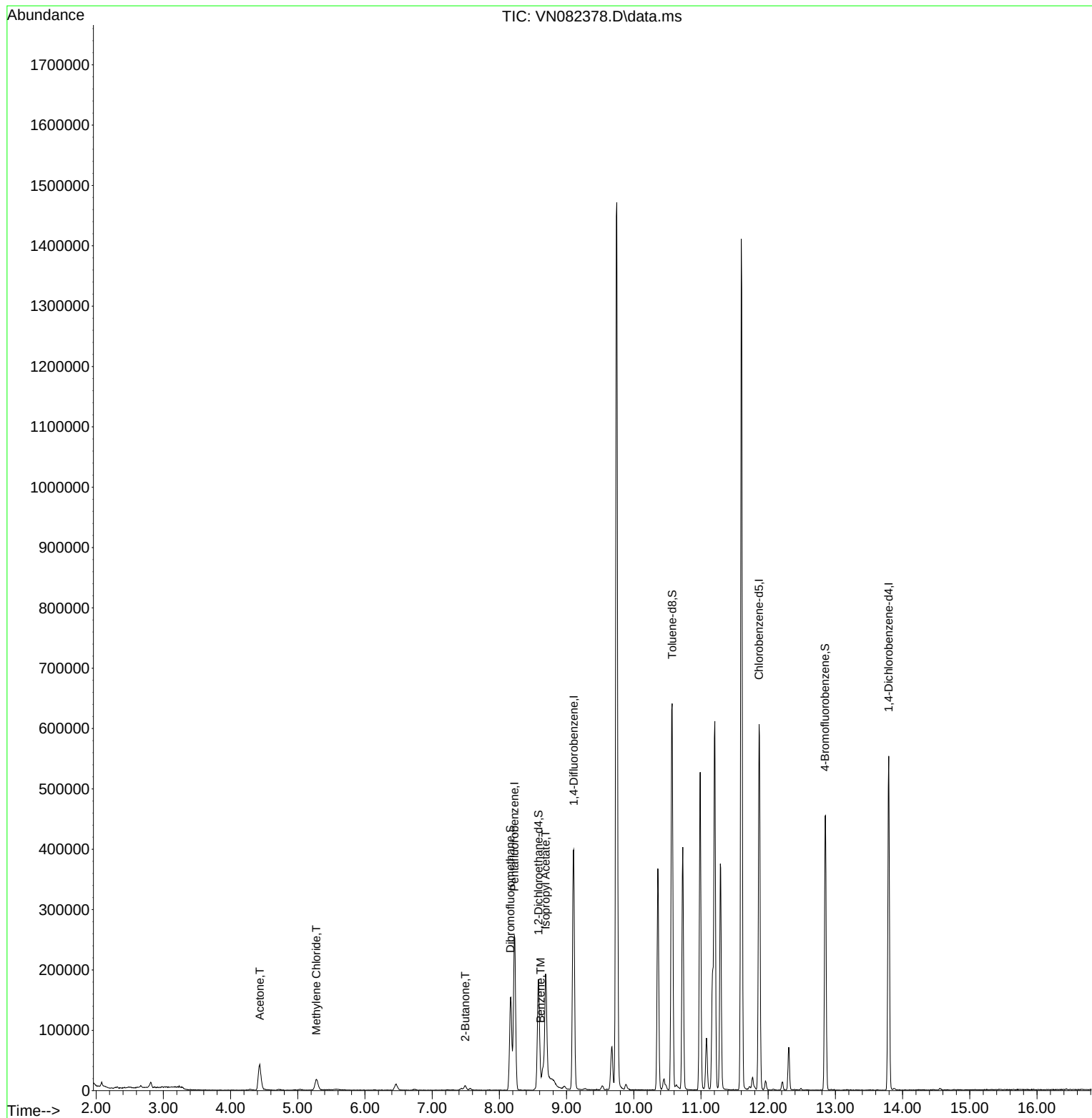
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.224     | 168   | 180246   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106     | 114   | 325982   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.865    | 117   | 316277   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 135317   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.582     | 65    | 146685   | 51.538   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 103.080% |          |
| 35) Dibromofluoromethane    | 8.165     | 113   | 107139   | 53.428   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 106.860% |          |
| 50) Toluene-d8              | 10.571    | 98    | 419389   | 54.550   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 109.100% |          |
| 62) 4-Bromofluorobenzene    | 12.847    | 95    | 147054   | 53.590   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 64 - 133 | Recovery | = 107.180% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 16) Acetone                 | 4.436     | 43    | 82506    | 70.667   | ug/l       | 100      |
| 20) Methylene Chloride      | 5.277     | 84    | 13324    | 5.656    | ug/l #     | 77       |
| 25) 2-Butanone              | 7.494     | 43    | 12650    | 7.146    | ug/l #     | 75       |
| 40) Benzene                 | 8.612     | 78    | 16279    | 1.623    | ug/l       | 99       |
| 43) Isopropyl Acetate       | 8.688     | 43    | 265700   | 39.840   | ug/l #     | 75       |
| -----                       |           |       |          |          |            |          |

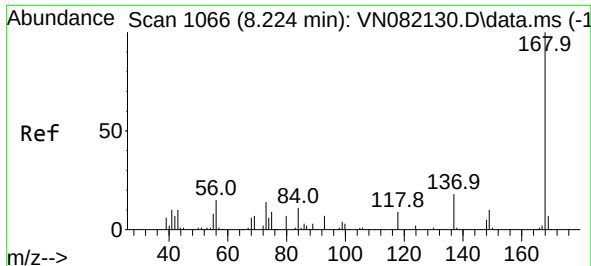
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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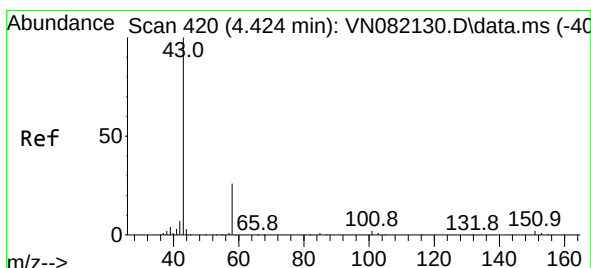
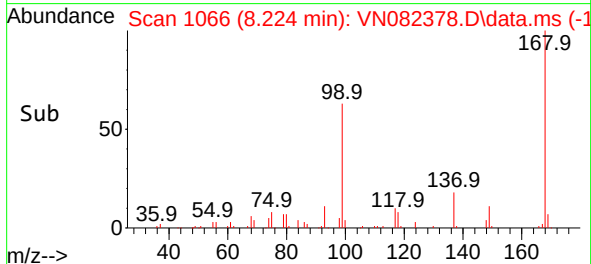
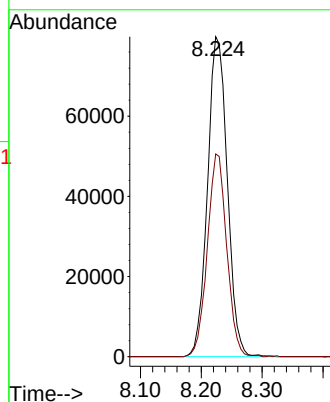
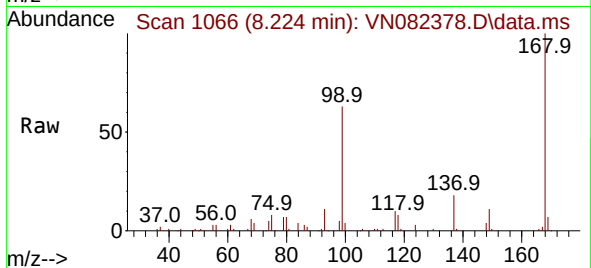




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN082378.D  
Acq: 29 May 2024 18:17

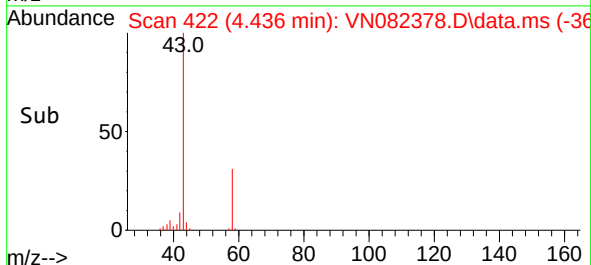
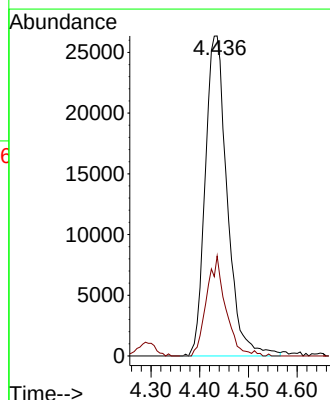
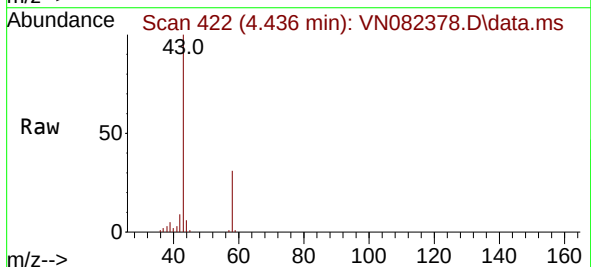
Instrument :  
MSVOA\_N  
ClientSampleId :  
VNJ-203

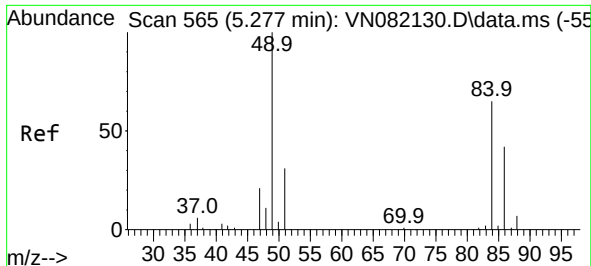
Tgt Ion:168 Resp: 180246  
Ion Ratio Lower Upper  
168 100  
99 63.4 48.2 72.4



#16  
Acetone  
Concen: 70.667 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.012 min  
Lab File: VN082378.D  
Acq: 29 May 2024 18:17

Tgt Ion: 43 Resp: 82506  
Ion Ratio Lower Upper  
43 100  
58 31.2 25.2 37.8

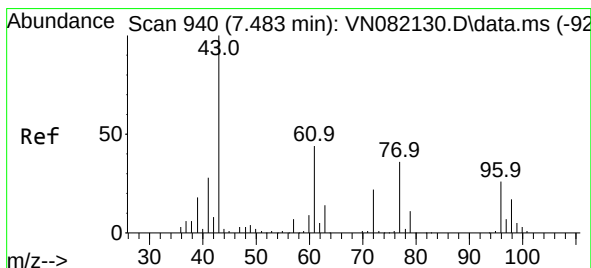
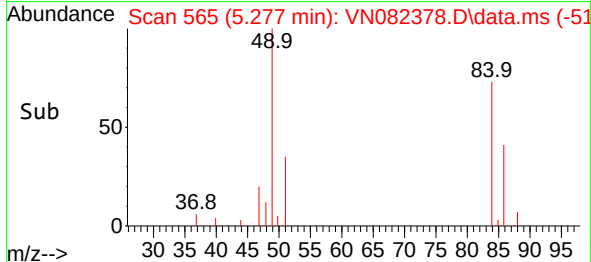
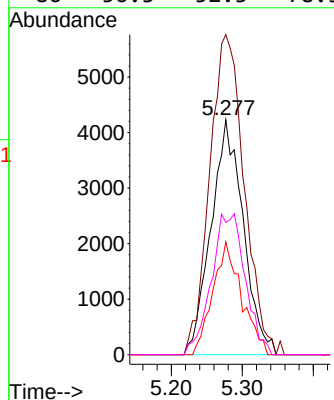
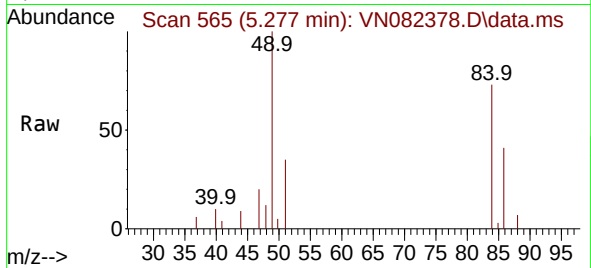




#20  
Methylene Chloride  
Concen: 5.656 ug/l  
RT: 5.277 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN082378.D  
Acq: 29 May 2024 18:17

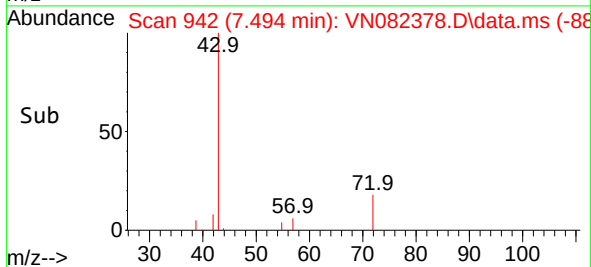
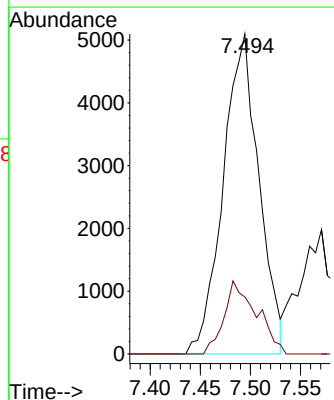
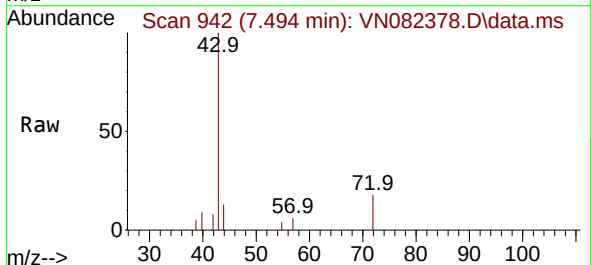
Instrument :  
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ClientSampleId :  
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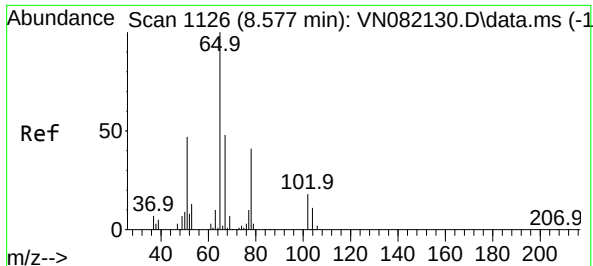
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 13324  |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 136.3 | 84.9  | 127.3# |
| 51       | 48.0  | 27.0  | 40.6#  |
| 86       | 56.3  | 52.3  | 78.5   |



#25  
2-Butanone  
Concen: 7.146 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.012 min  
Lab File: VN082378.D  
Acq: 29 May 2024 18:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 12650 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 17.8  | 25.3  | 37.9# |





#33

1,2-Dichloroethane-d4

Concen: 51.538 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082378.D

Acq: 29 May 2024 18:17

Instrument :

MSVOA\_N

ClientSampleId :

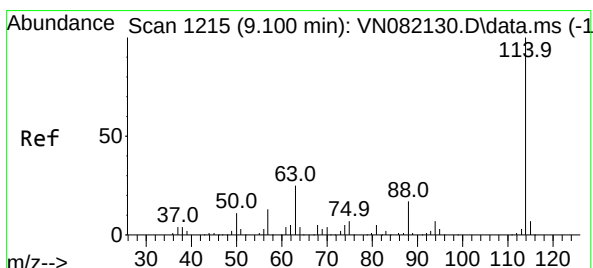
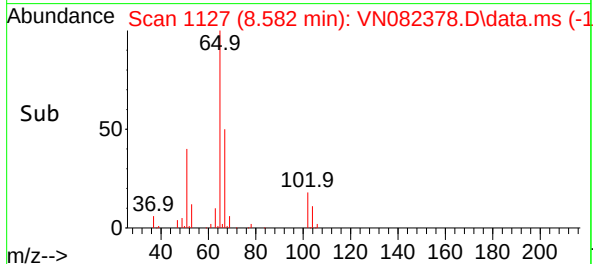
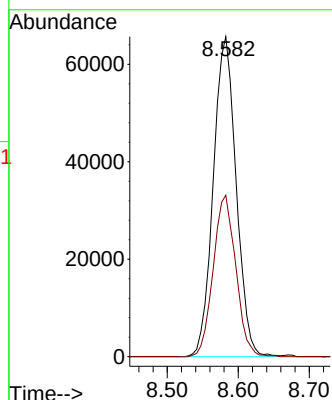
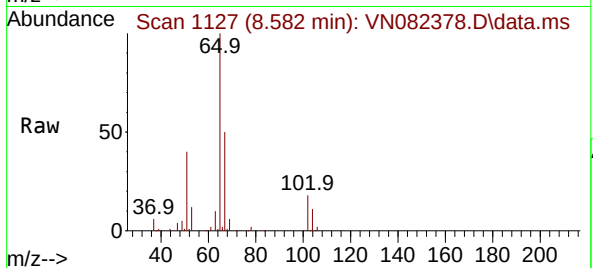
VNJ-203

Tgt Ion: 65 Resp: 146685

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082378.D

Acq: 29 May 2024 18:17

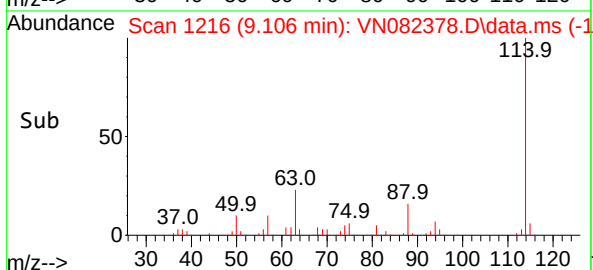
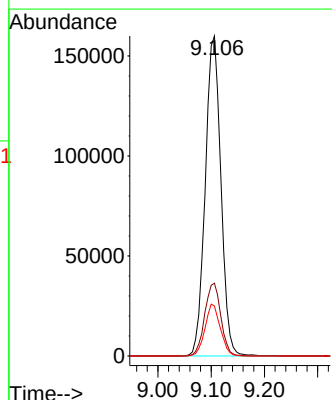
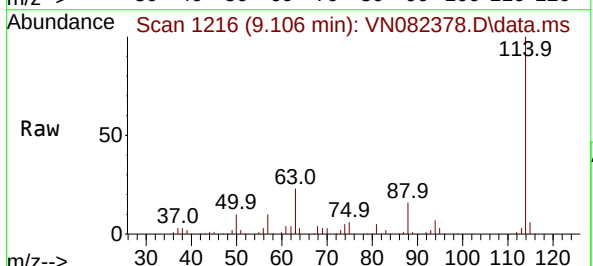
Tgt Ion: 114 Resp: 325982

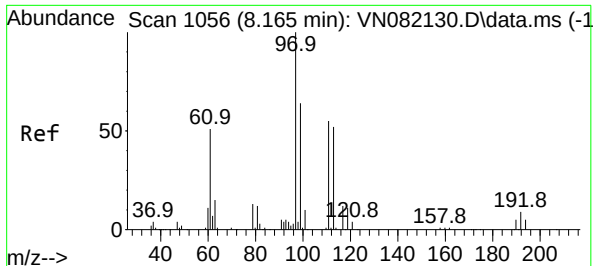
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.0

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.428 ug/l

RT: 8.165 min Scan# 113

Delta R.T. -0.000 min

Lab File: VN082378.D

Acq: 29 May 2024 18:17

Instrument :

MSVOA\_N

ClientSampleId :

VNJ-203

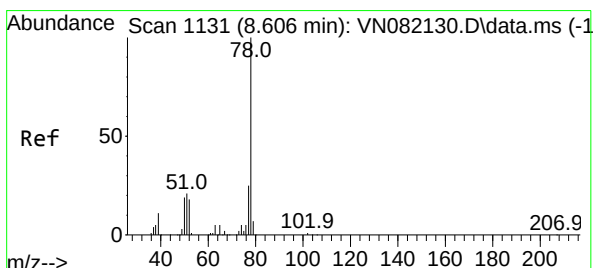
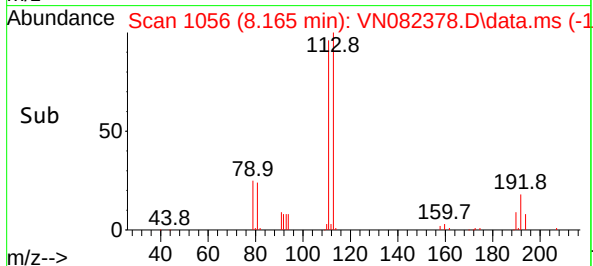
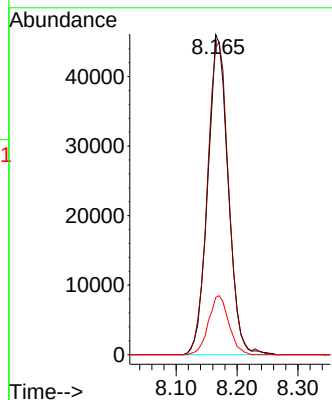
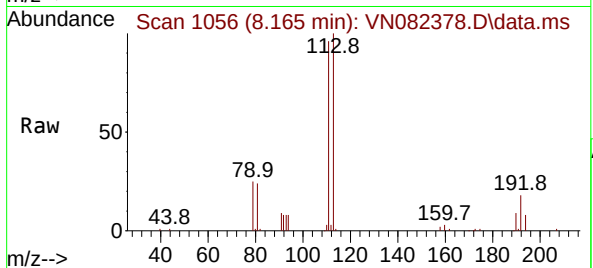
Tgt Ion:113 Resp: 107139

Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

192 18.4 14.0 21.0



#40

Benzene

Concen: 1.623 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN082378.D

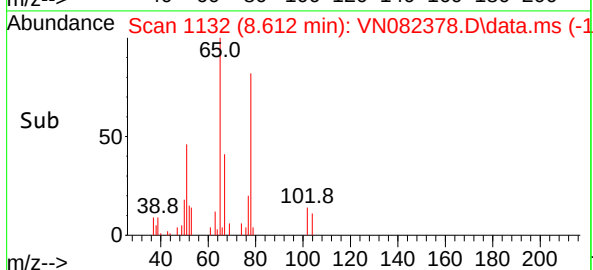
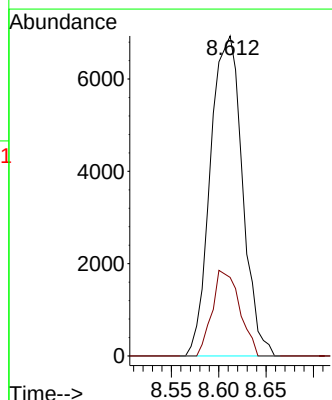
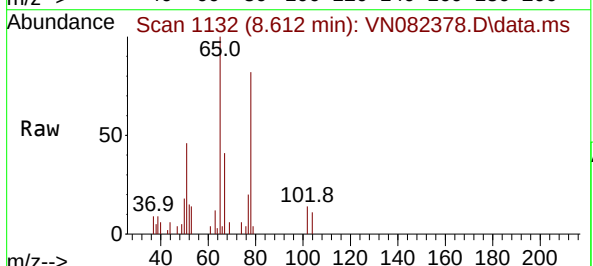
Acq: 29 May 2024 18:17

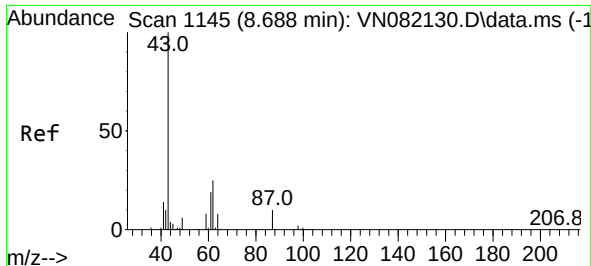
Tgt Ion: 78 Resp: 16279

Ion Ratio Lower Upper

78 100

77 24.5 20.0 30.0

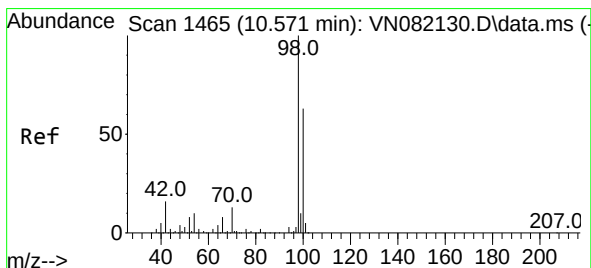
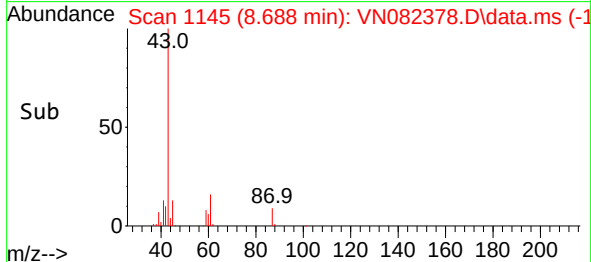
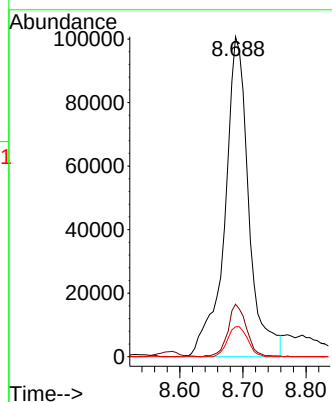
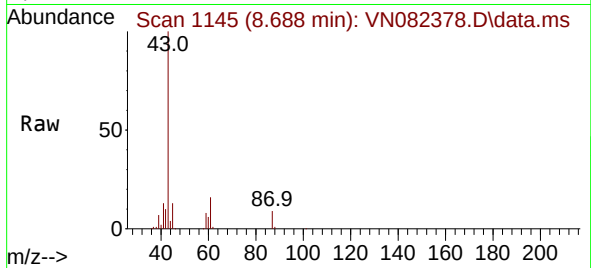




#43  
Isopropyl Acetate  
Concen: 39.840 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN082378.D  
Acq: 29 May 2024 18:17

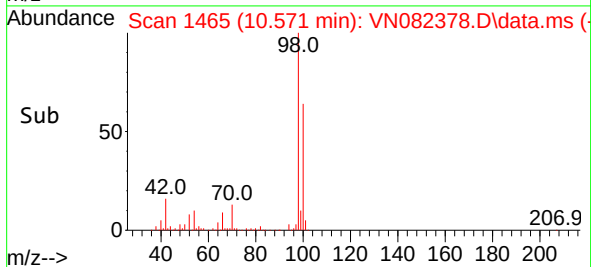
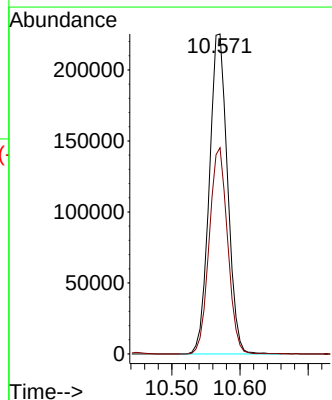
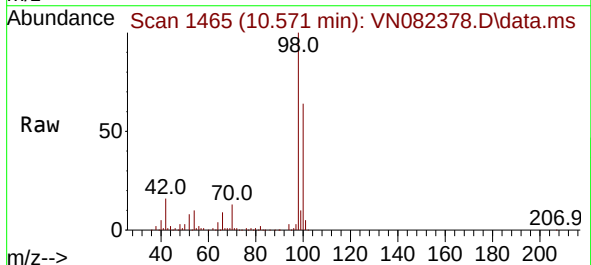
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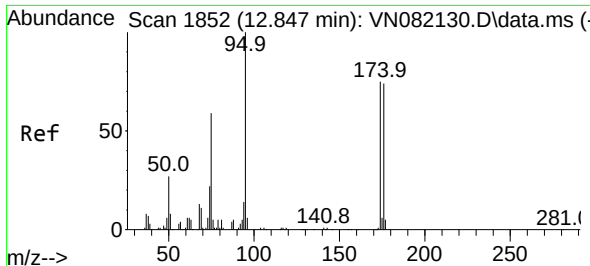
Tgt Ion: 43 Resp: 265700  
Ion Ratio Lower Upper  
43 100  
61 12.8 22.8 34.2#  
87 7.8 12.0 18.0#



#50  
Toluene-d8  
Concen: 54.550 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN082378.D  
Acq: 29 May 2024 18:17

Tgt Ion: 98 Resp: 419389  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.8 77.6

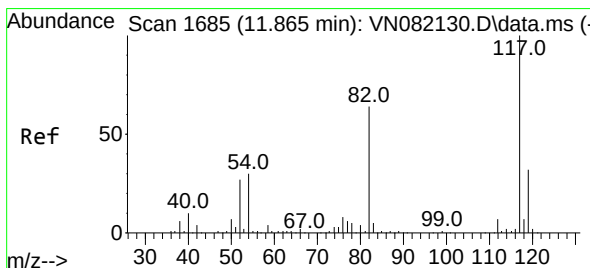
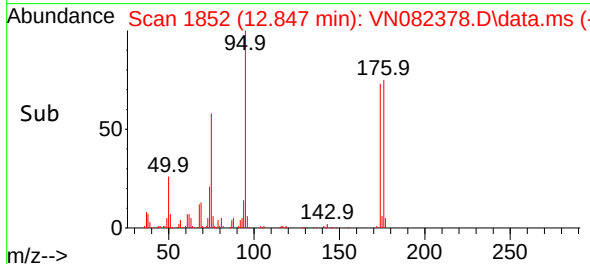
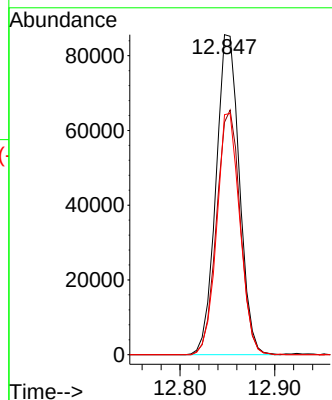
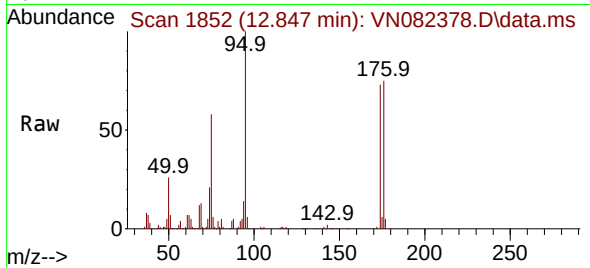




#62  
4-Bromofluorobenzene  
Concen: 53.590 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN082378.D  
Acq: 29 May 2024 18:17

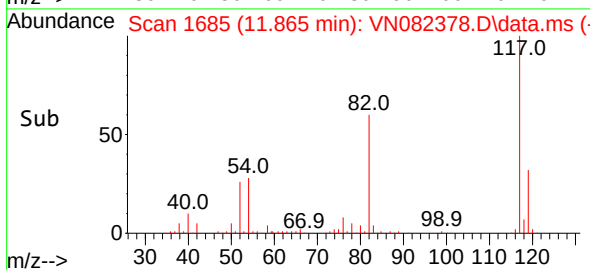
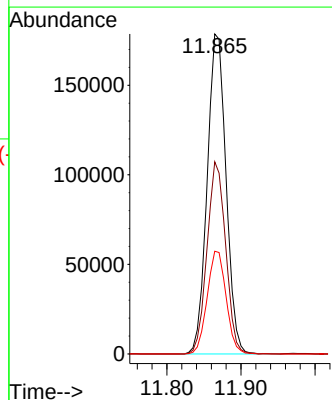
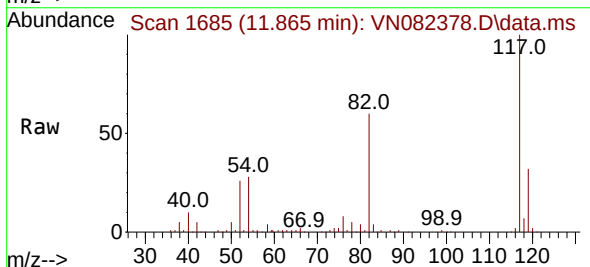
Instrument :  
MSVOA\_N  
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VNJ-203

Tgt Ion: 95 Resp: 147054  
Ion Ratio Lower Upper  
95 100  
174 77.0 0.0 160.6  
176 74.3 0.0 152.8

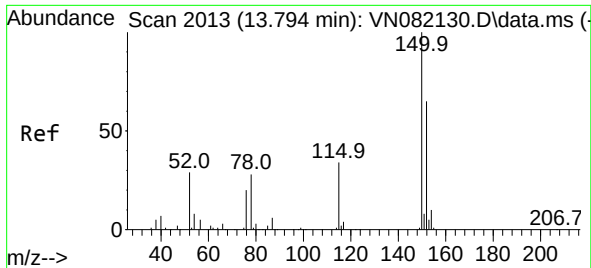


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN082378.D  
Acq: 29 May 2024 18:17

Tgt Ion: 117 Resp: 316277  
Ion Ratio Lower Upper  
117 100  
82 60.0 44.6 66.8  
119 32.1 25.9 38.9







#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN082378.D  
 Acq: 29 May 2024 18:17

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VNJ-203

Tgt Ion:152 Resp: 135317  
 Ion Ratio Lower Upper  
 152 100  
 115 60.6 30.4 91.3  
 150 157.9 0.0 353.2

