

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN010523\  
 Data File : VN076115.D  
 Acq On : 05 Jan 2023 16:52  
 Operator : JC\MD  
 Sample : 01003-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

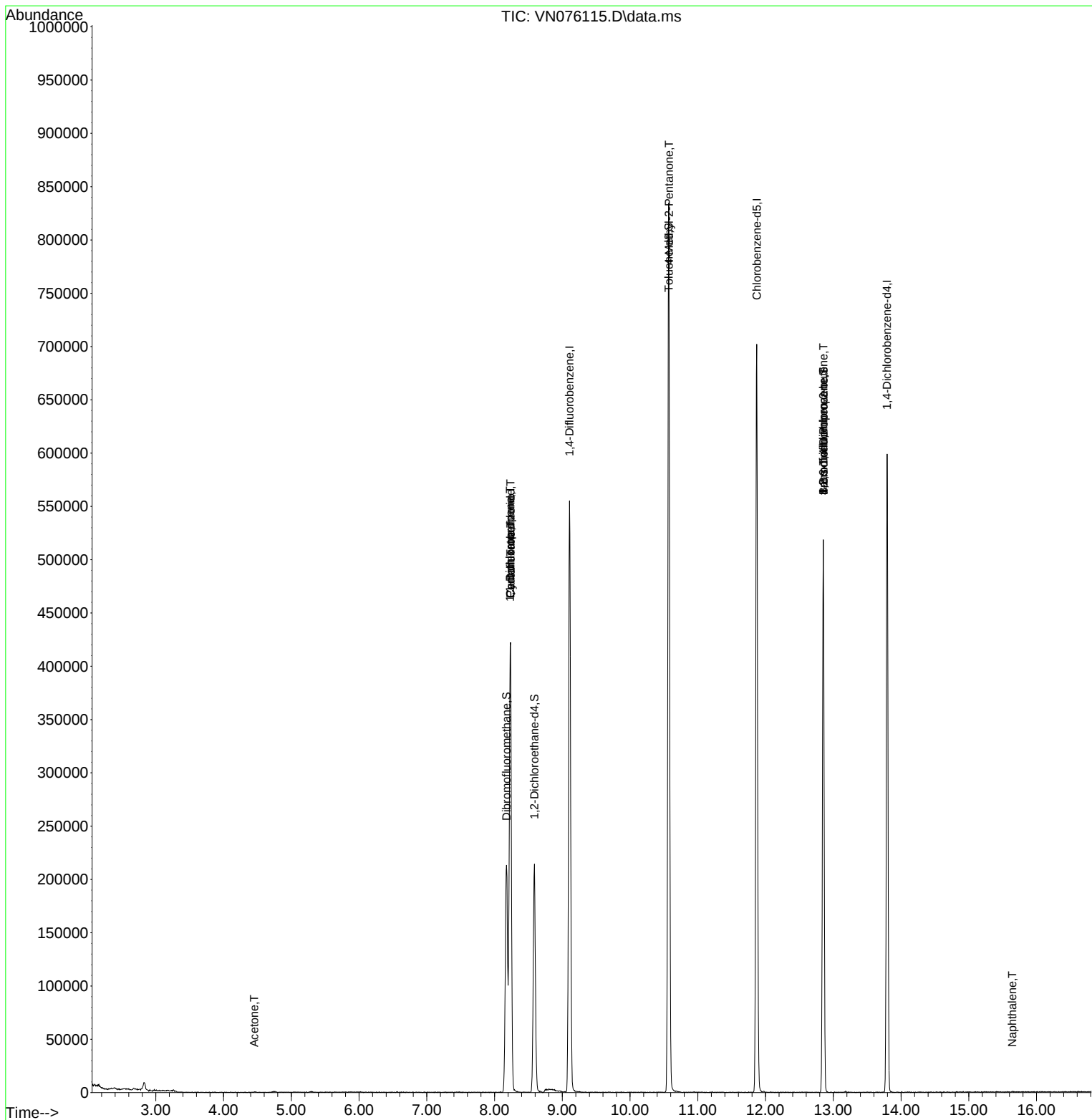
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANAG

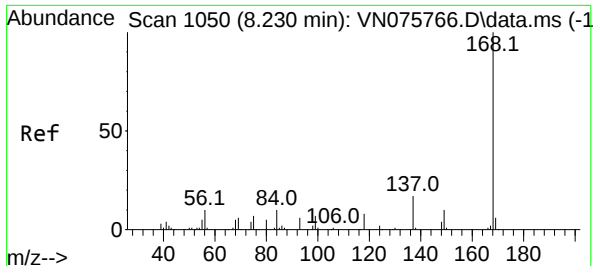
Quant Time: Jan 05 23:50:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.235          | 168  | 327519     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106          | 114  | 516228     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.870         | 117  | 433011     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794         | 152  | 165599     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.588          | 65   | 170025     | 47.718    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 95.440%   |        |          |
| 35) Dibromofluoromethane      | 8.177          | 113  | 155665     | 48.692    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 97.380%   |        |          |
| 50) Toluene-d8                | 10.571         | 98   | 593372     | 49.642    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 99.280%   |        |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 175292     | 44.277    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 88.560%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      | Qvalue     |           |        |          |
| 16) Acetone                   | 4.453          | 43   | 559        | 0.455     | ug/l # | 39       |
| 20) Methylene Chloride        | 5.300          | 84   | 659        | Below Cal | #      | 78       |
| 31) Cyclohexane               | 8.235          | 56   | 6195       | 1.214     | ug/l # | 32       |
| 36) 1,1-Dichloropropene       | 8.230          | 75   | 24620      | 5.797     | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 8.235          | 117  | 32502      | 6.838     | ug/l # | 18       |
| 51) 4-Methyl-2-Pentanone      | 10.576         | 43   | 2330       | 0.685     | ug/l # | 1        |
| 71) Bromoform                 | 12.853         | 173  | 1332       | 0.556     | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 12.853         | 75   | 89422      | 26.789    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.853         | 75   | 89422      | 96.425    | ug/l # | 12       |
| 95) Naphthalene               | 15.641         | 128  | 841        | 2.267     | ug/l # | 69       |
| -----                         |                |      |            |           |        |          |

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

Quant Time: Jan 05 23:50:51 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration

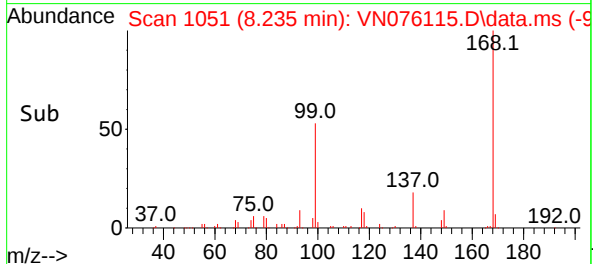
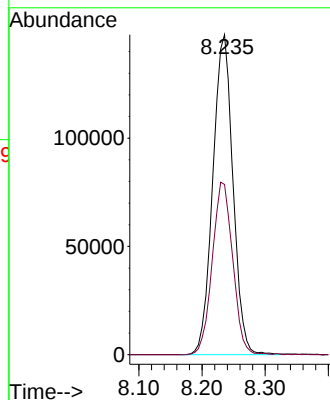
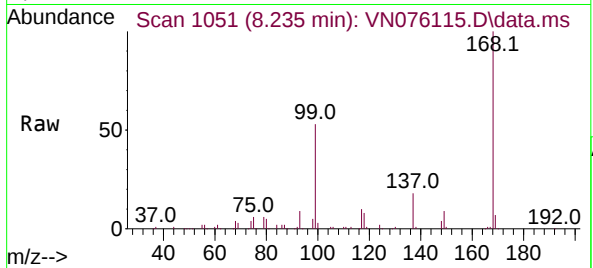




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.235 min Scan# 1050  
Delta R.T. 0.005 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

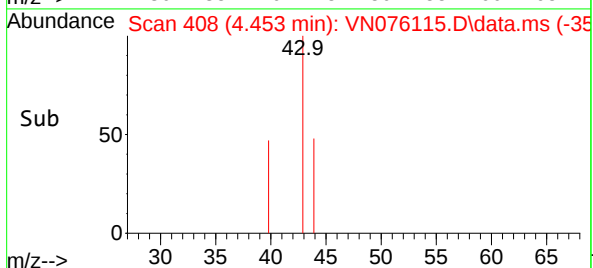
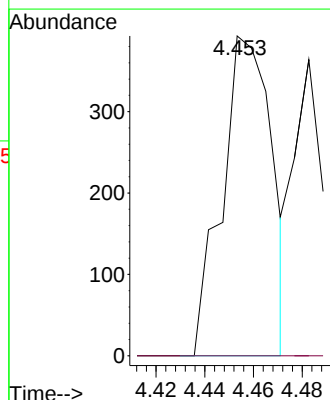
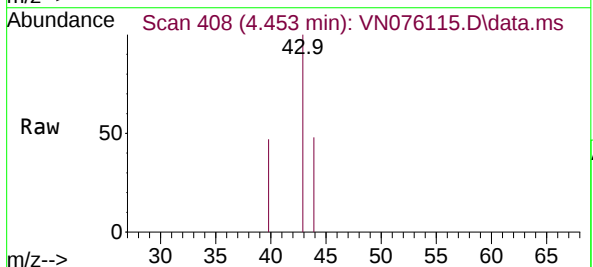
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 327519  
Ion Ratio Lower Upper  
168 100  
99 53.2 44.2 66.4



#16  
Acetone  
Concen: 0.455 ug/l  
RT: 4.453 min Scan# 408  
Delta R.T. 0.012 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

Tgt Ion: 43 Resp: 559  
Ion Ratio Lower Upper  
43 100  
58 0.0 28.6 43.0#

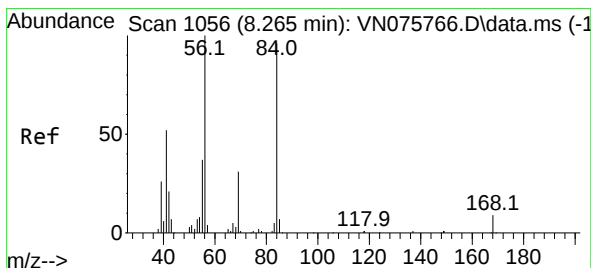
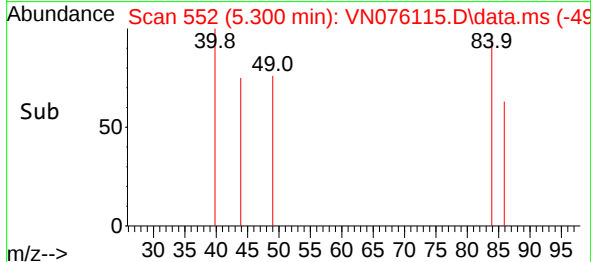
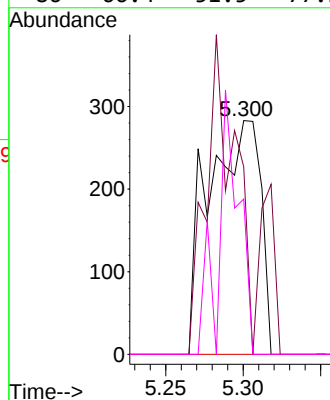
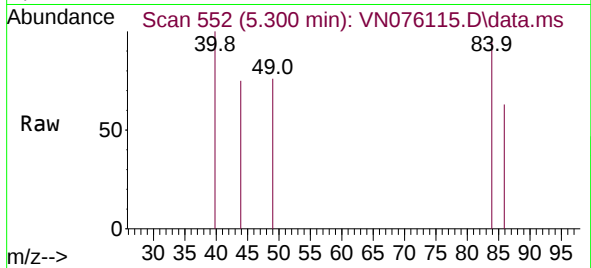




#20  
Methylene Chloride  
Concen: Below Cal  
RT: 5.300 min Scan# 51  
Delta R.T. 0.011 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

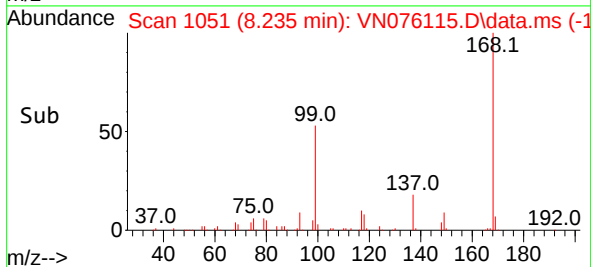
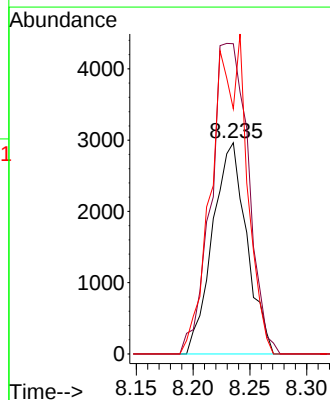
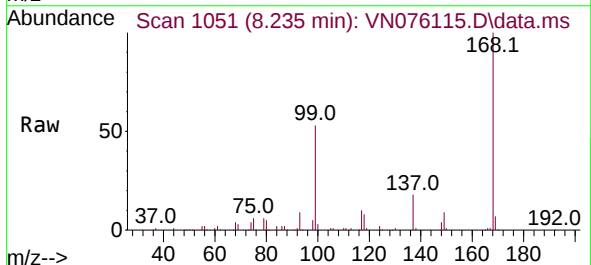
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 659    |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 80.2  | 81.8  | 122.6# |
| 51       | 0.0   | 26.7  | 40.1#  |
| 86       | 66.4  | 51.5  | 77.3   |



#31  
Cyclohexane  
Concen: 1.214 ug/l  
RT: 8.235 min Scan# 1051  
Delta R.T. -0.029 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 6195   |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 146.9 | 24.7  | 37.1#  |
| 84       | 116.1 | 76.5  | 114.7# |





#33

1,2-Dichloroethane-d4

Concen: 47.718 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN076115.D

Acq: 05 Jan 2023 16:52

Instrument :

MSVOA\_N

ClientSampleId :

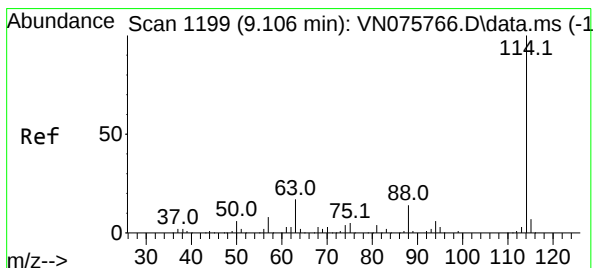
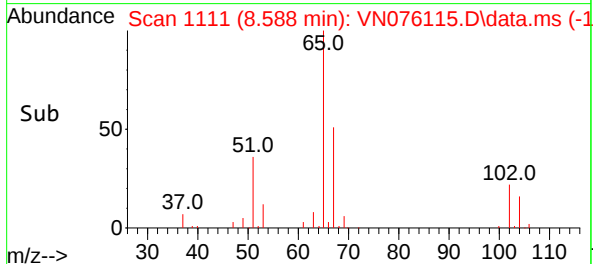
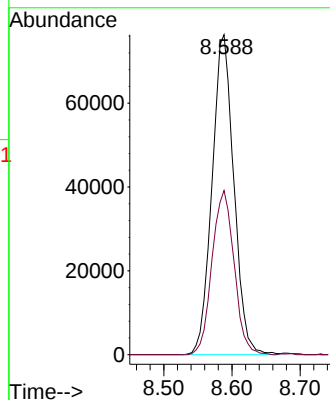
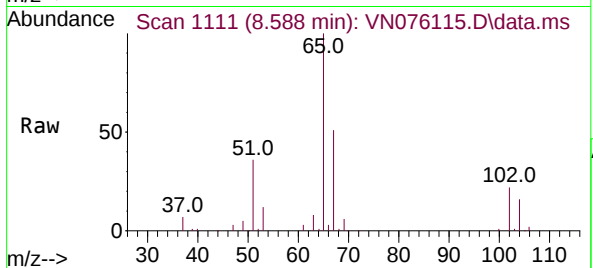
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 170025

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076115.D

Acq: 05 Jan 2023 16:52

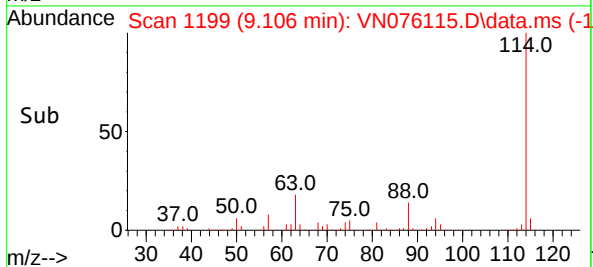
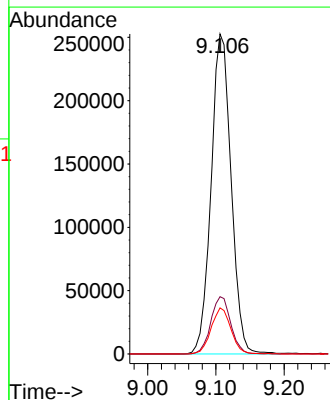
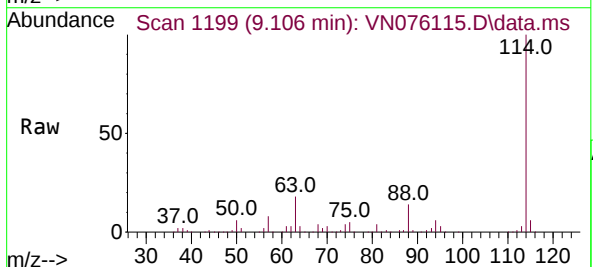
Tgt Ion:114 Resp: 516228

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.4 0.0 28.8

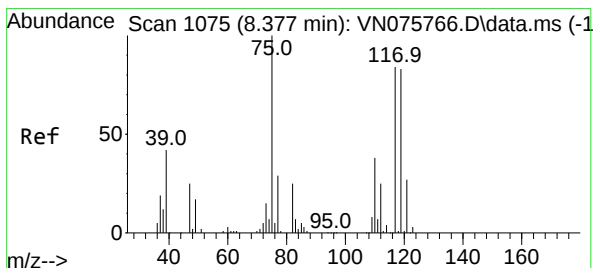
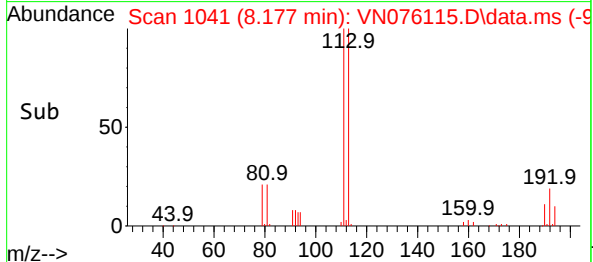
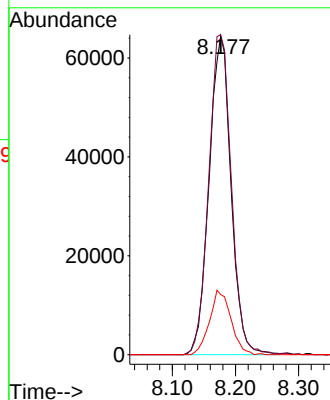
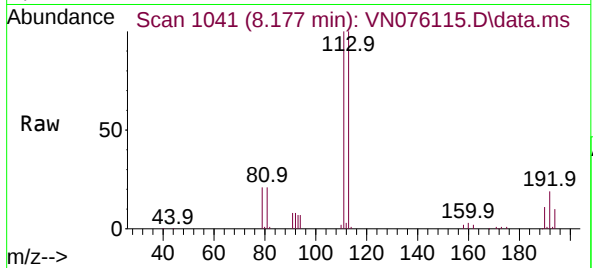




#35  
Dibromofluoromethane  
Concen: 48.692 ug/l  
RT: 8.177 min Scan# 1040  
Delta R.T. 0.006 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

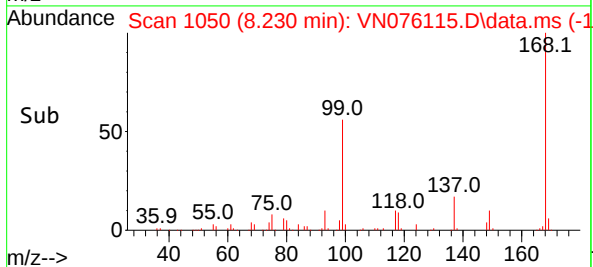
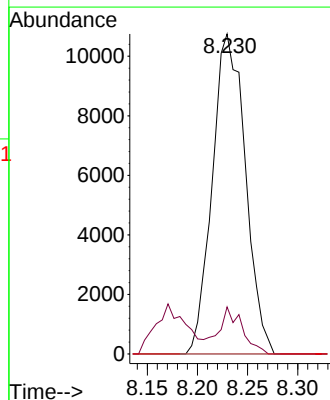
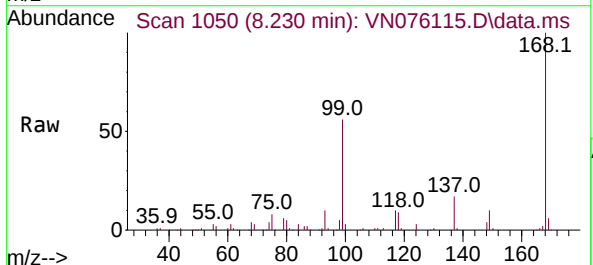
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

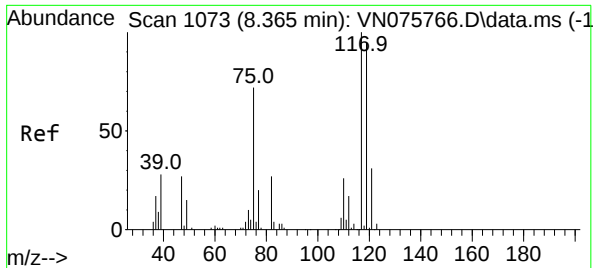
Tgt Ion:113 Resp: 155665  
Ion Ratio Lower Upper  
113 100  
111 103.2 83.4 125.2  
192 19.7 16.1 24.1



#36  
1,1-Dichloropropene  
Concen: 5.797 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.147 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

Tgt Ion: 75 Resp: 24620  
Ion Ratio Lower Upper  
75 100  
110 10.5 18.8 56.4#  
77 0.0 24.1 36.1#

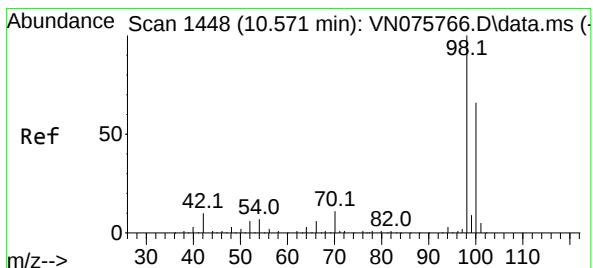
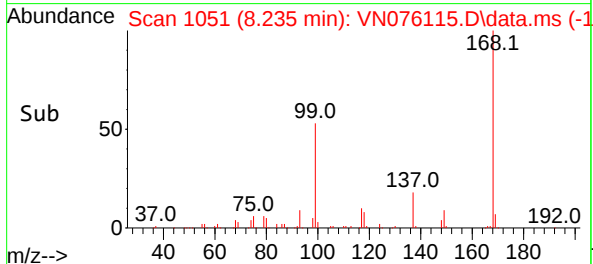
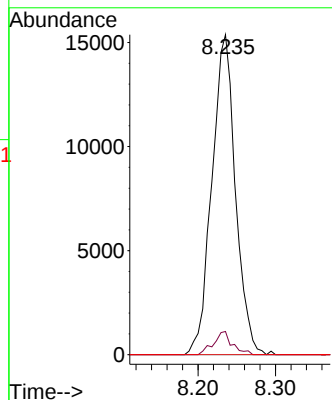
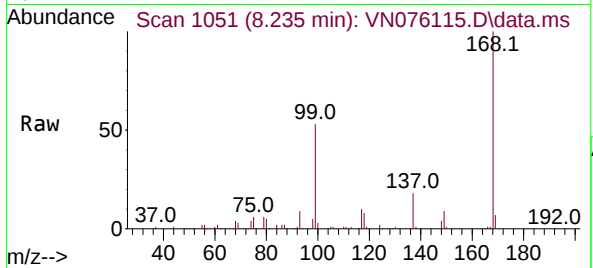




#38  
Carbon Tetrachloride  
Concen: 6.838 ug/l  
RT: 8.235 min Scan# 1051  
Delta R.T. -0.129 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

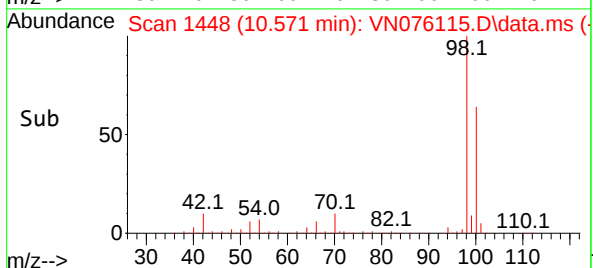
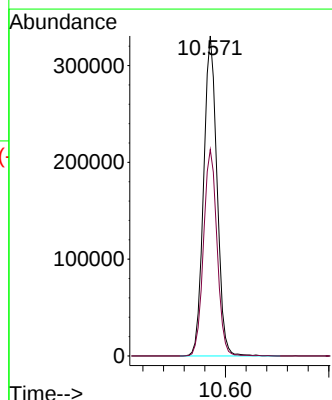
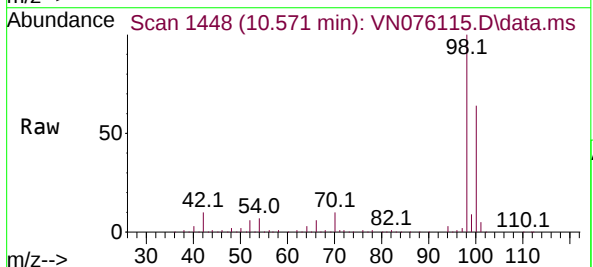
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

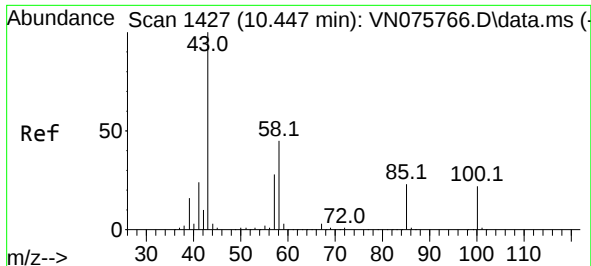
Tgt Ion:117 Resp: 32502  
Ion Ratio Lower Upper  
117 100  
119 7.2 76.1 114.1#  
121 0.0 24.5 36.7#



#50  
Toluene-d8  
Concen: 49.642 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

Tgt Ion: 98 Resp: 593372  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.1 78.1

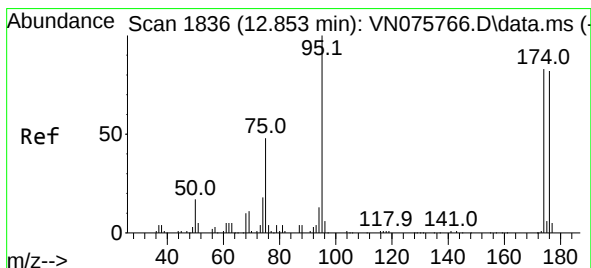
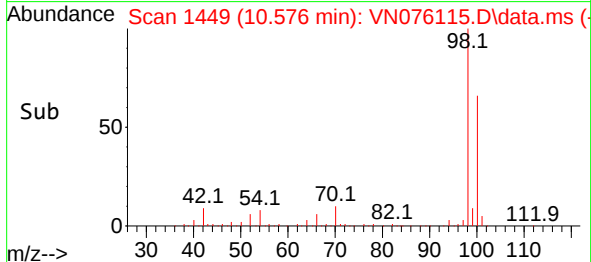
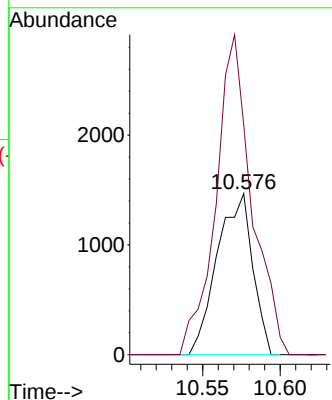
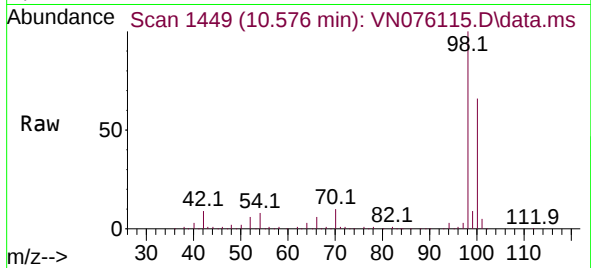




#51  
4-Methyl-2-Pentanone  
Concen: 0.685 ug/l  
RT: 10.576 min Scan# 1427  
Delta R.T. 0.129 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

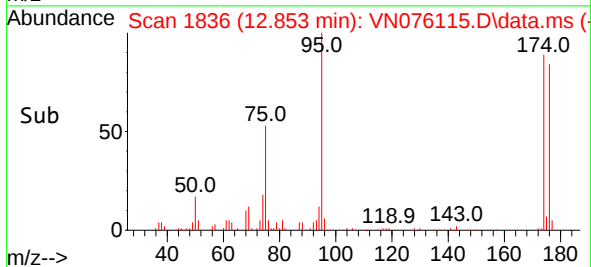
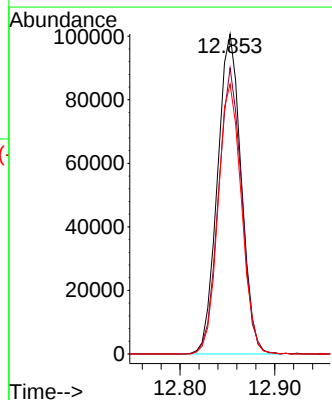
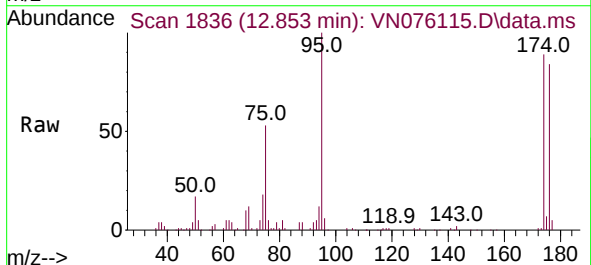
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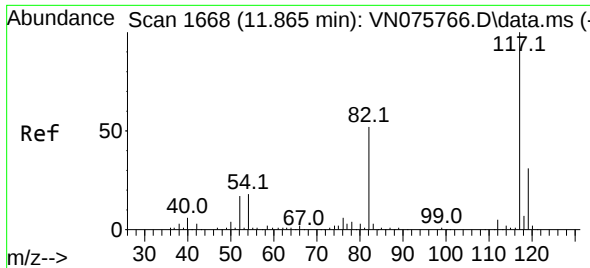
Tgt Ion: 43 Resp: 2330  
Ion Ratio Lower Upper  
43 100  
58 201.5 35.5 53.3#



#62  
4-Bromofluorobenzene  
Concen: 44.277 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

Tgt Ion: 95 Resp: 175292  
Ion Ratio Lower Upper  
95 100  
174 87.2 0.0 171.6  
176 83.1 0.0 169.2

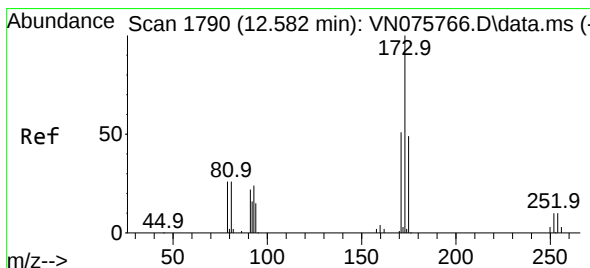
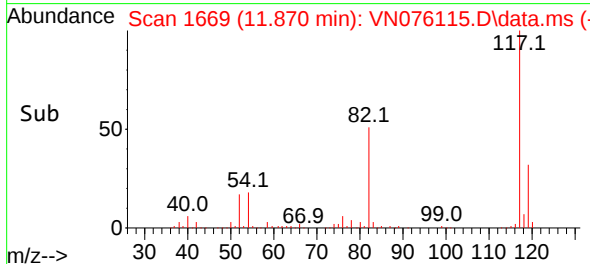
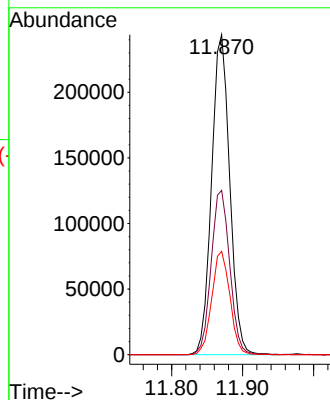
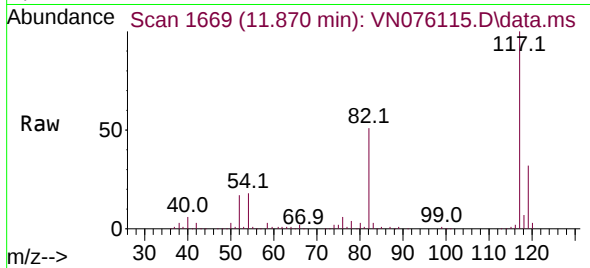




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

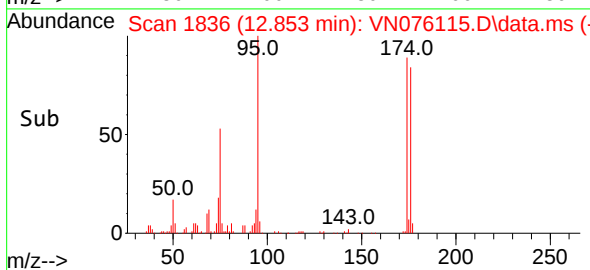
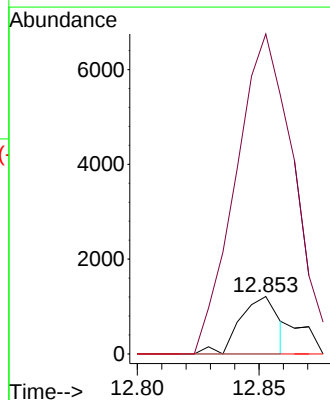
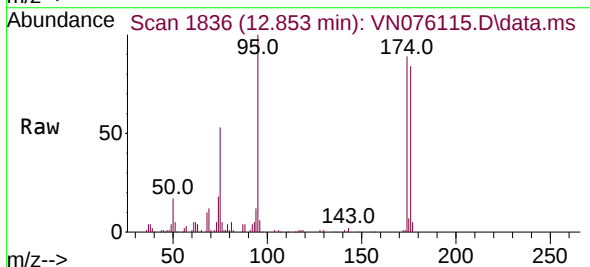
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MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

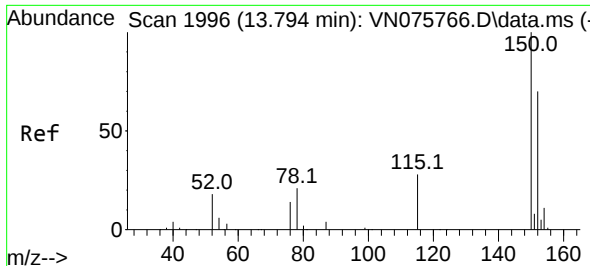
Tgt Ion:117 Resp: 433011  
Ion Ratio Lower Upper  
117 100  
82 51.3 41.3 61.9  
119 32.3 24.6 37.0



#71  
Bromoform  
Concen: 0.556 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.270 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

Tgt Ion:173 Resp: 1332  
Ion Ratio Lower Upper  
173 100  
175 665.4 24.3 72.8#  
254 0.0 0.0 0.0

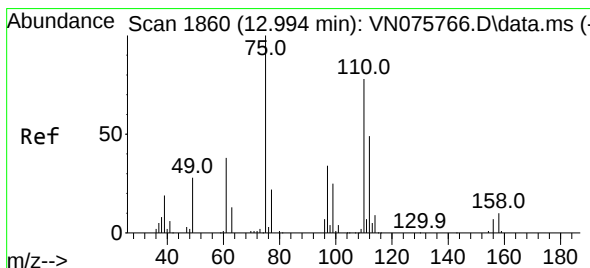
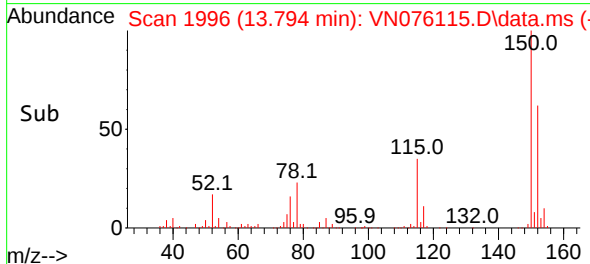
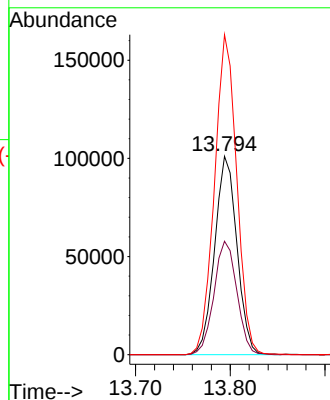
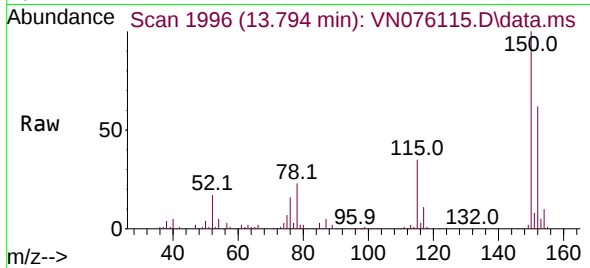




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 1996  
 Delta R.T. -0.000 min  
 Lab File: VN076115.D  
 Acq: 05 Jan 2023 16:52

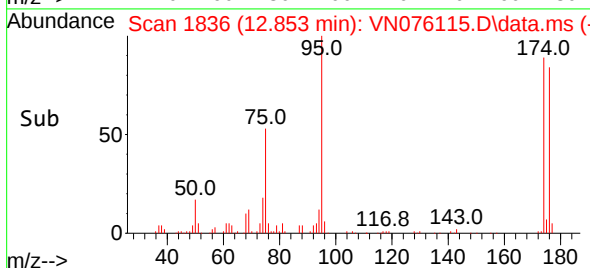
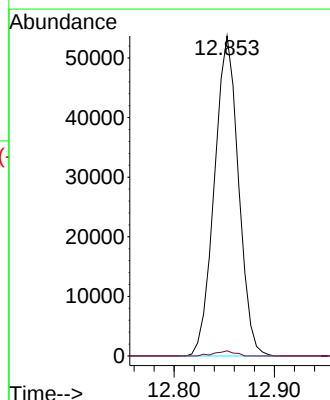
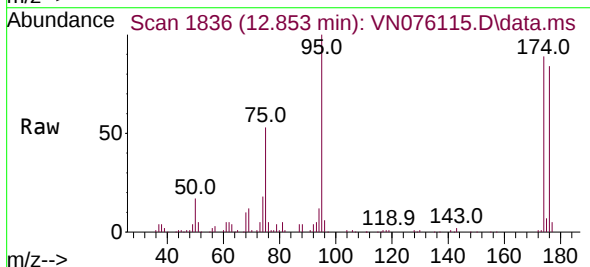
Instrument : MSVOA\_N  
 ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

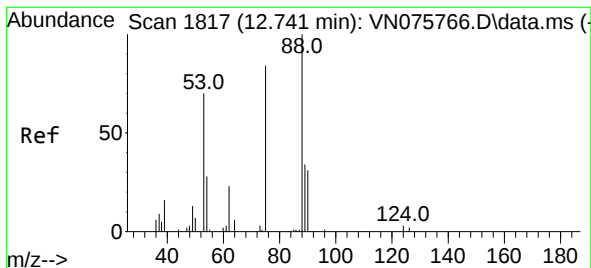
Tgt Ion:152 Resp: 165599  
 Ion Ratio Lower Upper  
 152 100  
 115 58.7 29.1 87.4  
 150 161.0 0.0 347.0



#76  
 1,2,3-Trichloropropane  
 Concen: 26.789 ug/l  
 RT: 12.853 min Scan# 1836  
 Delta R.T. -0.141 min  
 Lab File: VN076115.D  
 Acq: 05 Jan 2023 16:52

Tgt Ion: 75 Resp: 89422  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 82.6 247.8#

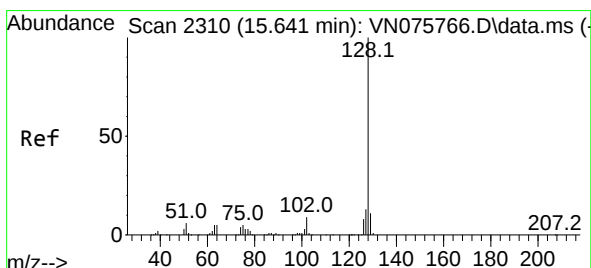
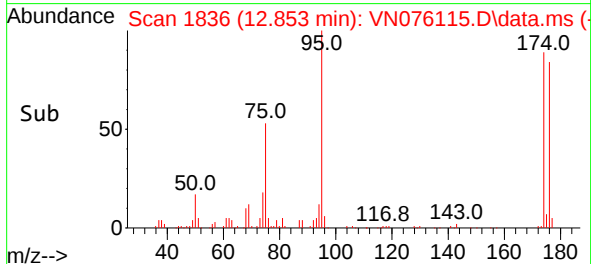
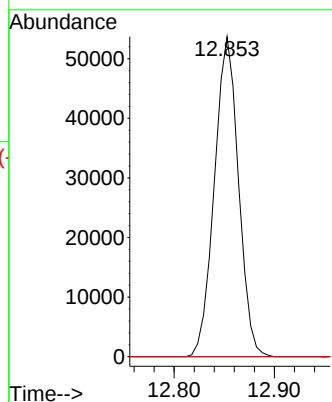
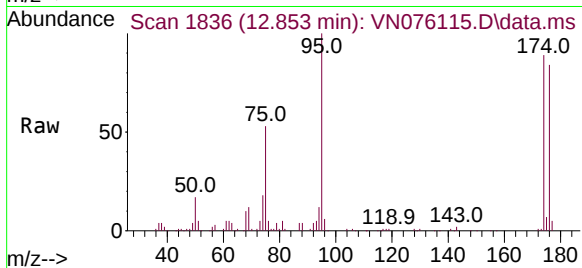




#81  
trans-1,4-Dichloro-2-butene  
Concen: 96.425 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.112 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 89422  
Ion Ratio Lower Upper  
75 100  
53 0.0 73.8 110.6#  
89 0.0 39.5 59.3#



#95  
Naphthalene  
Concen: 2.267 ug/l  
RT: 15.641 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN076115.D  
Acq: 05 Jan 2023 16:52

Tgt Ion: 128 Resp: 841  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.4 15.6#  
129 0.0 8.7 13.1#

