

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021021\  
 Data File : VN065793.D  
 Acq On : 10 Feb 2021 12:33  
 Operator : JC/MD  
 Sample : VN0210WBL01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0210WBL01

Quant Time: Feb 10 13:22:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012521W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 25 13:47:28 2021  
 Response via : Initial Calibration

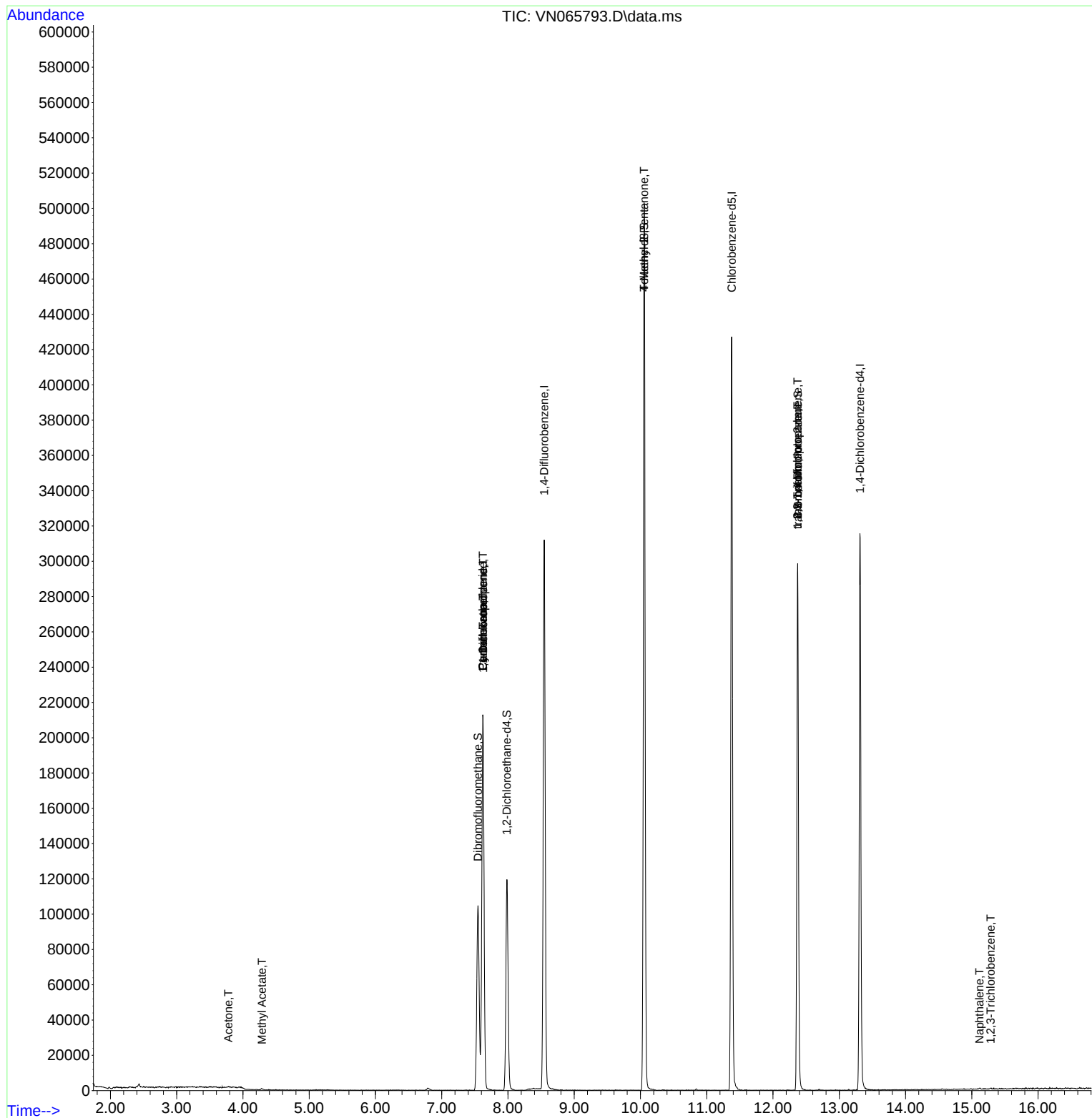
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 7.621          | 168  | 180498     | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.547          | 114  | 297787     | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.376         | 117  | 268248     | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.315         | 152  | 96611      | 50.00   | ug/l   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 7.984          | 65   | 99450      | 41.88   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 83.76%  |        |          |
| 35) Dibromofluoromethane      | 7.547          | 113  | 86704      | 49.13   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 98.26%  |        |          |
| 50) Toluene-d8                | 10.055         | 98   | 367956     | 53.05   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 106.10% |        |          |
| 62) 4-Bromofluorobenzene      | 12.373         | 95   | 118271     | 47.35   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 94.70%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 16) Acetone                   | 3.779          | 43   | 699        | 0.76    | ug/l # | 41       |
| 18) Methyl Acetate            | 4.287          | 43   | 1153       | 0.45    | ug/l # | 51       |
| 31) Cyclohexane               | 7.621          | 56   | 3002       | 0.67    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 7.624          | 75   | 12579      | 4.20    | ug/l # | 42       |
| 38) Carbon Tetrachloride      | 7.621          | 117  | 16285      | 6.60    | ug/l # | 17       |
| 51) 4-Methyl-2-Pentanone      | 10.055         | 43   | 1362       | 0.48    | ug/l # | 1        |
| 71) Bromoform                 | 12.373         | 173  | 289        | 0.21    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 12.370         | 75   | 53535      | 21.19   | ug/l # | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.370         | 75   | 53535      | 54.28   | ug/l # | 12       |
| 95) Naphthalene               | 15.116         | 128  | 742        | 3.56    | ug/l # | 69       |
| 96) 1,2,3-Trichlorobenzene    | 15.286         | 180  | 304        | 2.99    | ug/l # | 80       |
| -----                         |                |      |            |         |        |          |

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

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Sample : VN0210WBL01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210WBL01

Quant Time: Feb 10 13:22:55 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012521W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jan 25 13:47:28 2021  
Response via : Initial Calibration

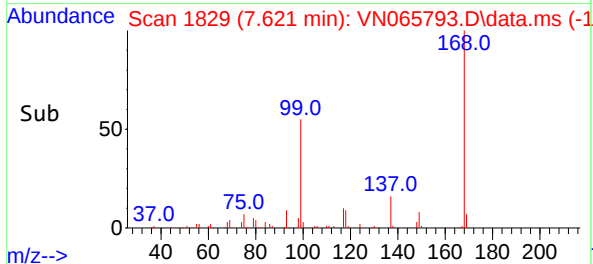
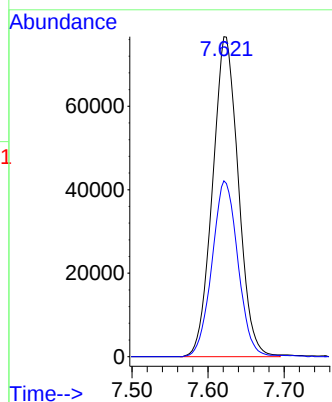
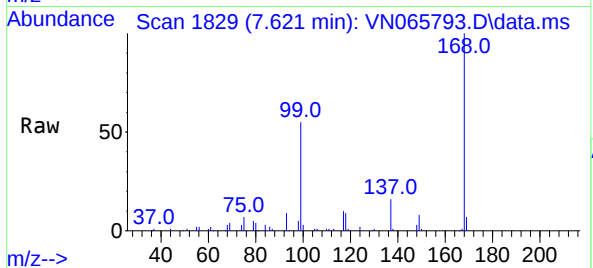




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.621 min Scan# 1829  
Delta R.T. -0.003 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

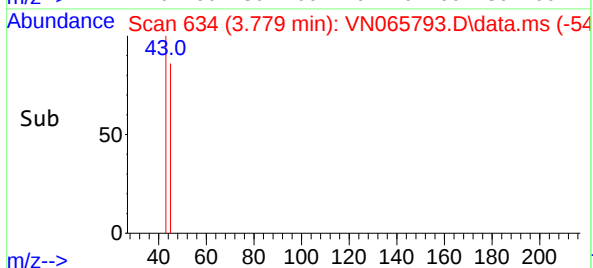
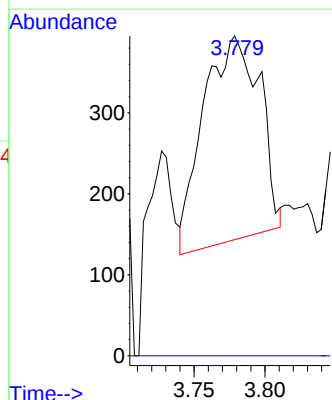
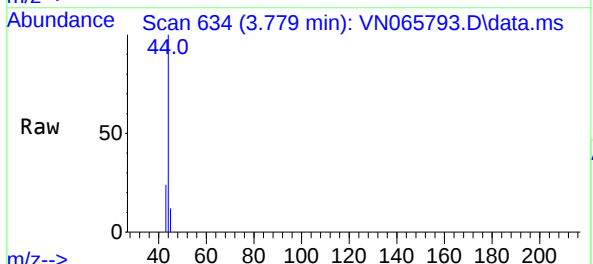
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0210WBL01

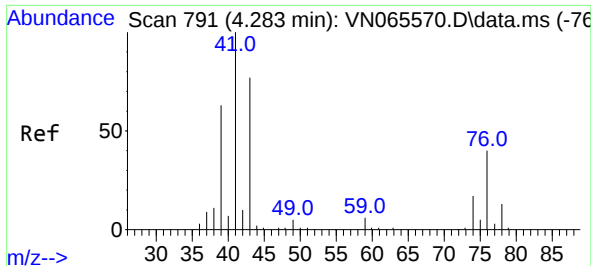
Tgt Ion:168 Resp: 180498  
Ion Ratio Lower Upper  
168 100  
99 55.0 42.6 63.8



#16  
Acetone  
Concen: 0.76 ug/l  
RT: 3.779 min Scan# 634  
Delta R.T. -0.003 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

Tgt Ion: 43 Resp: 699  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.0 40.6#

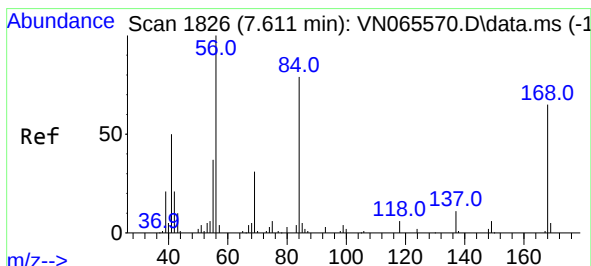
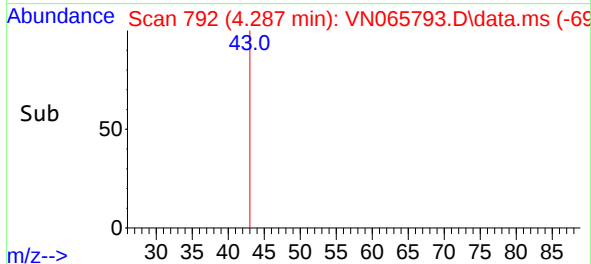
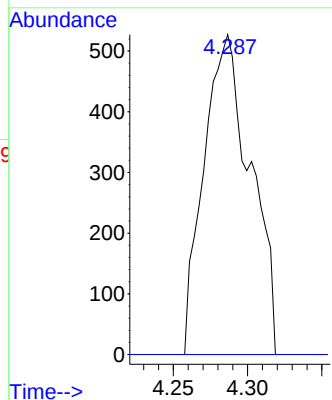
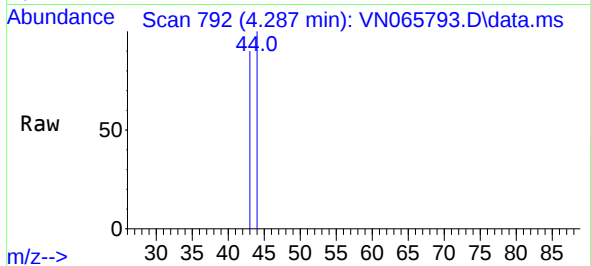




#18  
Methyl Acetate  
Concen: 0.45 ug/l  
RT: 4.287 min Scan# 792  
Delta R.T. 0.004 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

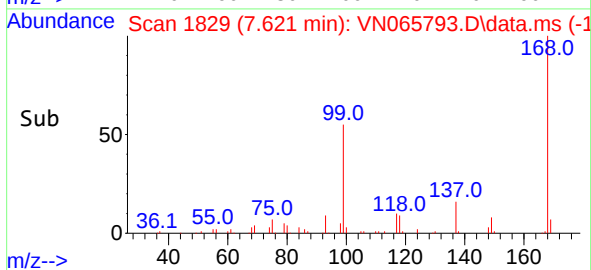
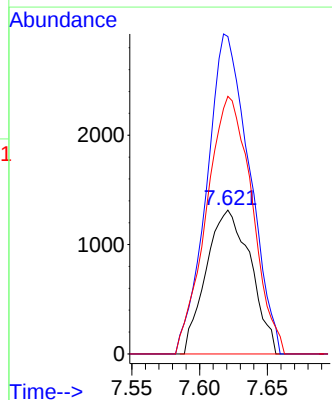
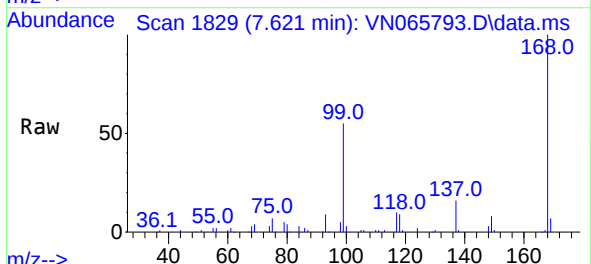
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210WBL01

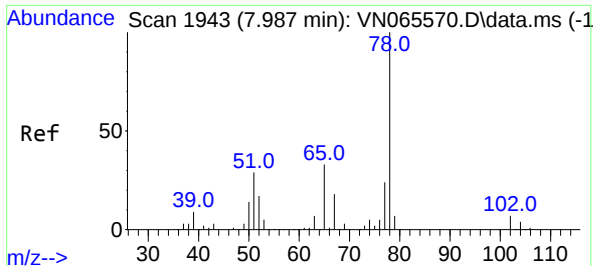
Tgt Ion: 43 Resp: 1153  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.5 29.3#



#31  
Cyclohexane  
Concen: 0.67 ug/l  
RT: 7.621 min Scan# 1829  
Delta R.T. 0.010 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

Tgt Ion: 56 Resp: 3002  
Ion Ratio Lower Upper  
56 100  
69 220.8 26.6 39.8#  
84 167.1 70.4 105.6#

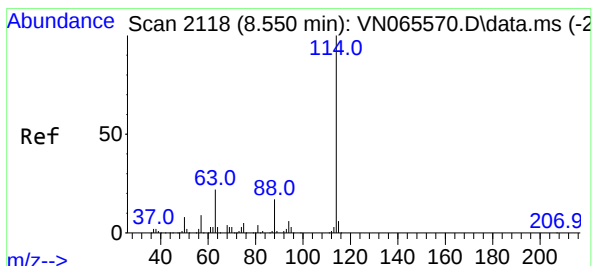
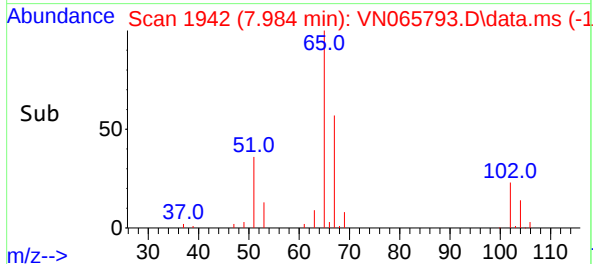
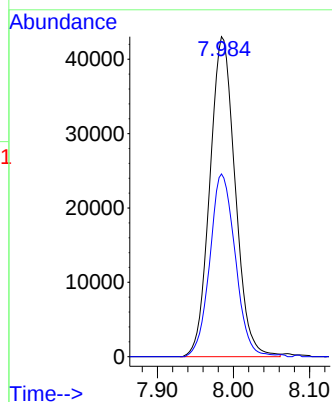
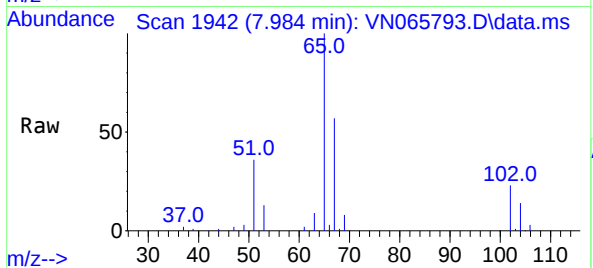




#33  
1,2-Dichloroethane-d4  
Concen: 41.88 ug/l  
RT: 7.984 min Scan# 1942  
Delta R.T. -0.003 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

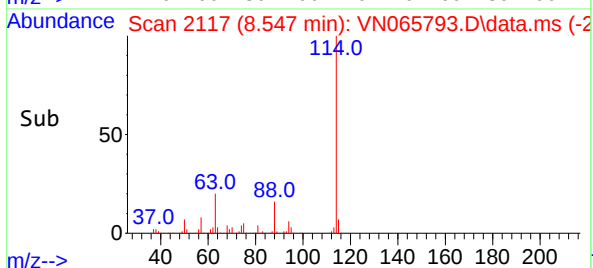
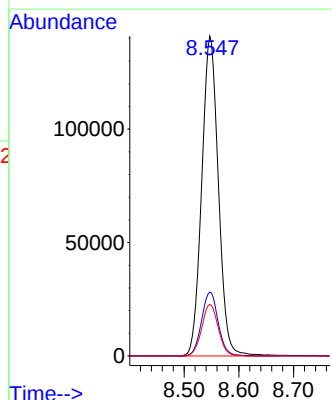
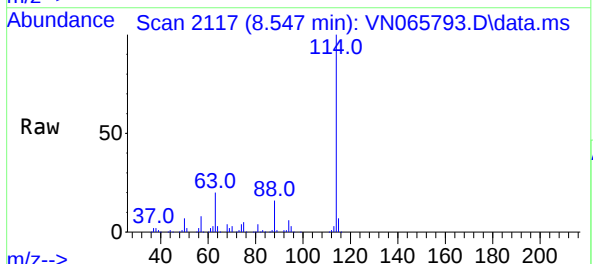
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210WBL01

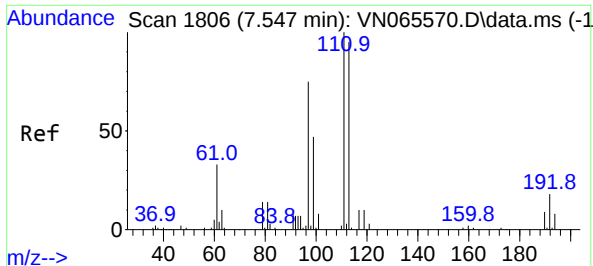
Tgt Ion: 65 Resp: 99450  
Ion Ratio Lower Upper  
65 100  
67 57.4 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.547 min Scan# 2117  
Delta R.T. -0.003 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

Tgt Ion: 114 Resp: 297787  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 38.6  
88 16.1 0.0 30.6

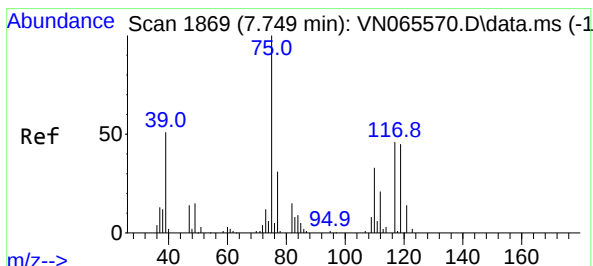
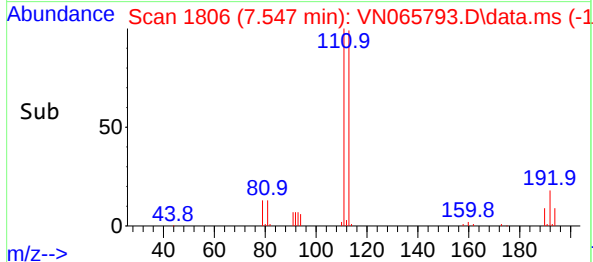
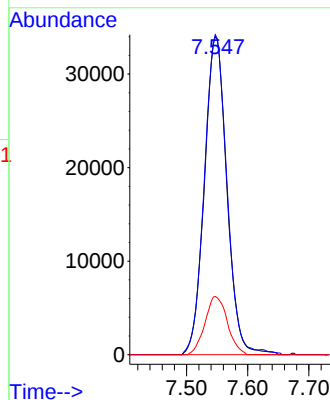
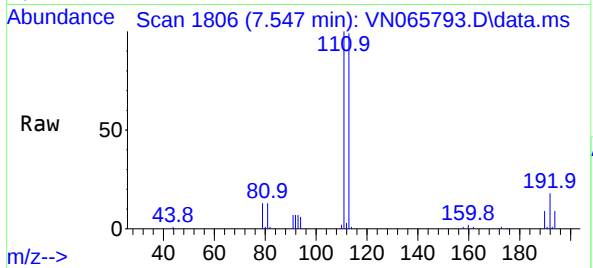




#35  
Dibromofluoromethane  
Concen: 49.13 ug/l  
RT: 7.547 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

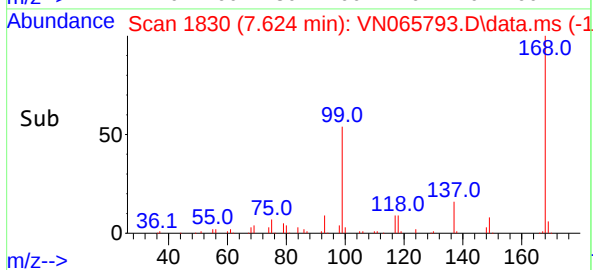
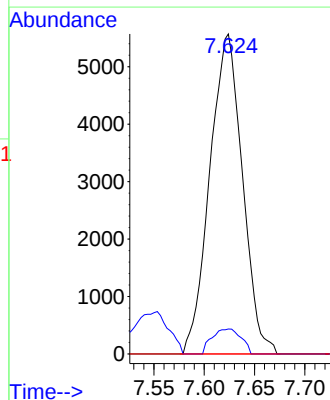
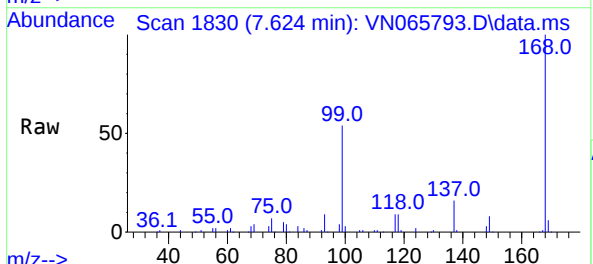
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210WBL01

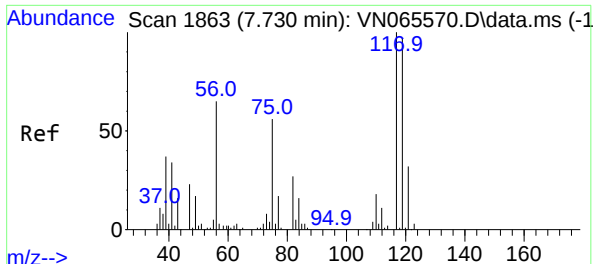
Tgt Ion:113 Resp: 86704  
Ion Ratio Lower Upper  
113 100  
111 100.5 82.2 123.2  
192 18.3 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 4.20 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. -0.125 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

Tgt Ion: 75 Resp: 12579  
Ion Ratio Lower Upper  
75 100  
110 1.3 18.2 54.6#  
77 0.0 24.9 37.3#

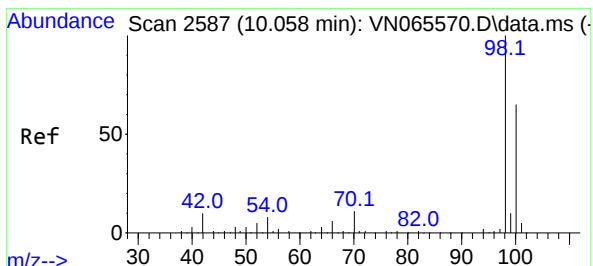
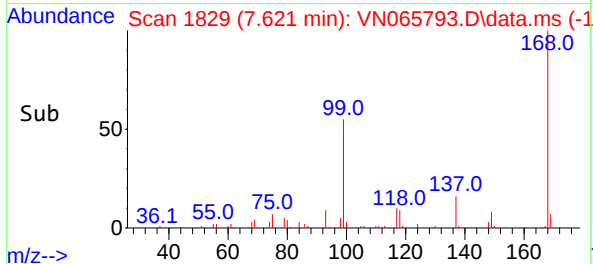
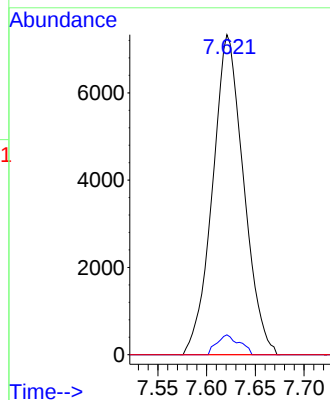
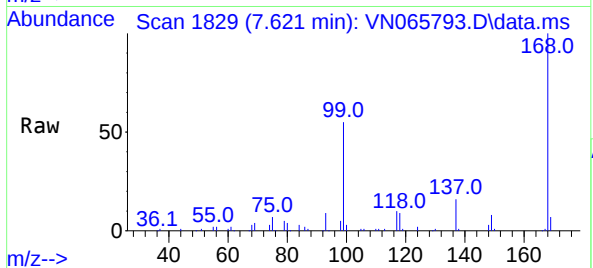




#38  
Carbon Tetrachloride  
Concen: 6.60 ug/l  
RT: 7.621 min Scan# 1829  
Delta R.T. -0.109 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

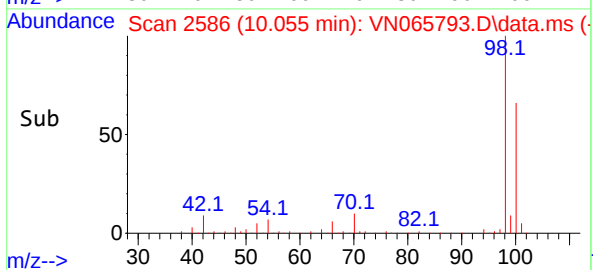
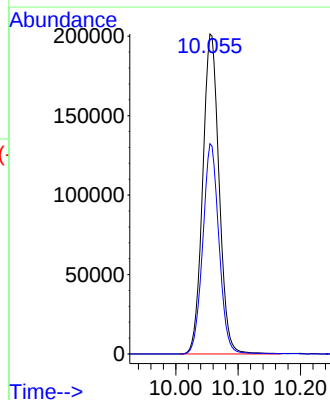
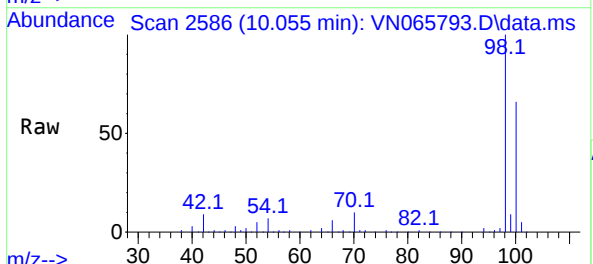
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210WBL01

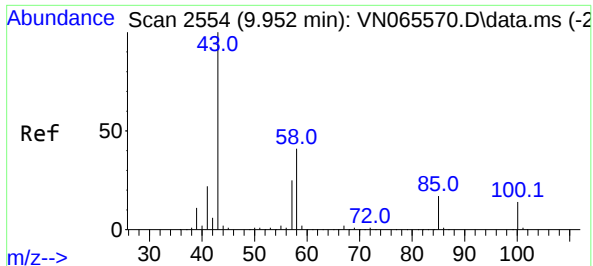
Tgt Ion:117 Resp: 16285  
Ion Ratio Lower Upper  
117 100  
119 6.2 76.0 114.0#  
121 0.0 24.5 36.7#



#50  
Toluene-d8  
Concen: 53.05 ug/l  
RT: 10.055 min Scan# 2586  
Delta R.T. -0.003 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

Tgt Ion: 98 Resp: 367956  
Ion Ratio Lower Upper  
98 100  
100 64.7 50.5 75.7

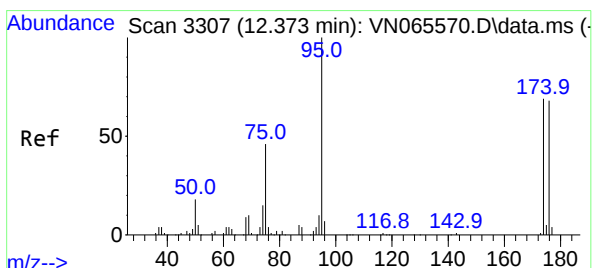
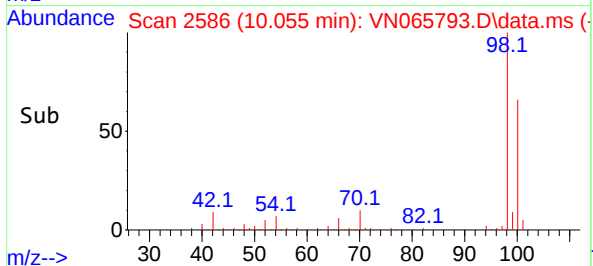
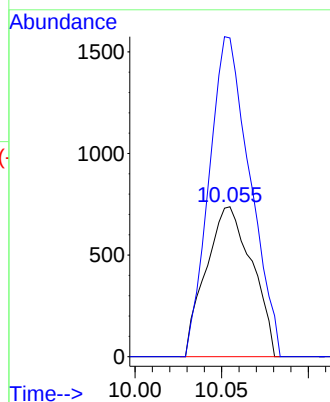
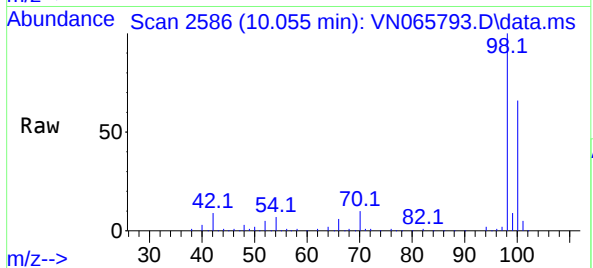




#51  
4-Methyl-2-Pentanone  
Concen: 0.48 ug/l  
RT: 10.055 min Scan# 2586  
Delta R.T. 0.103 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

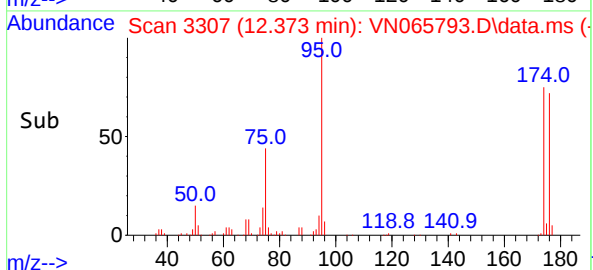
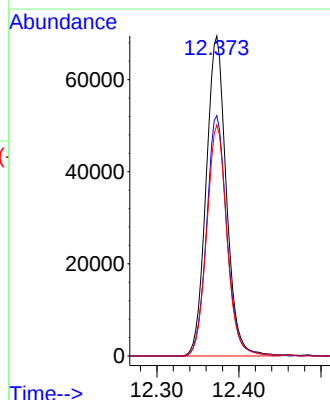
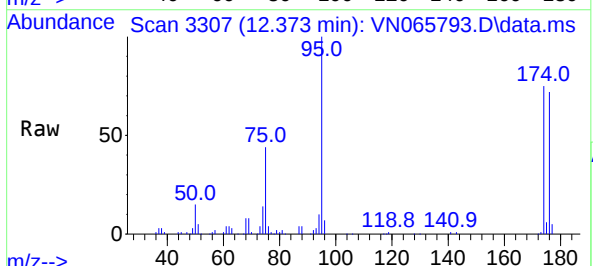
Instrument :  
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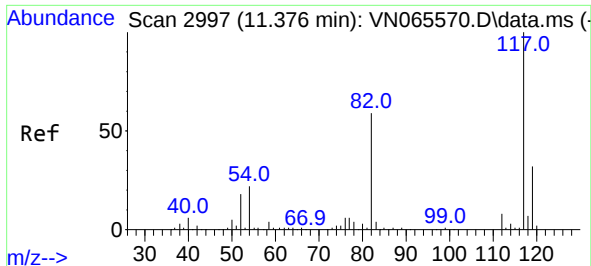
Tgt Ion: 43 Resp: 1362  
Ion Ratio Lower Upper  
43 100  
58 190.2 32.5 48.7#



#62  
4-Bromofluorobenzene  
Concen: 47.35 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.000 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

Tgt Ion: 95 Resp: 118271  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 169.0  
176 72.5 0.0 162.4

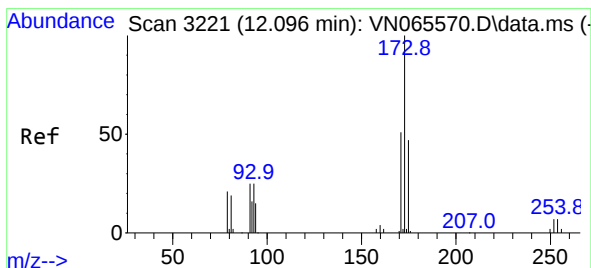
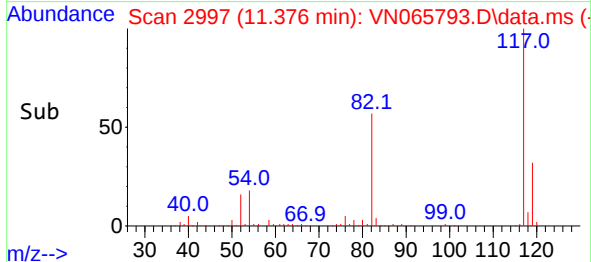
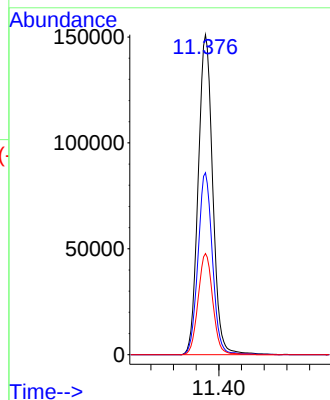
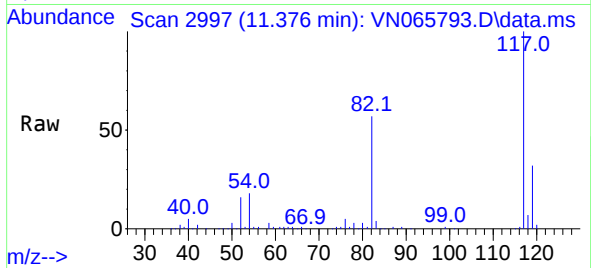




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

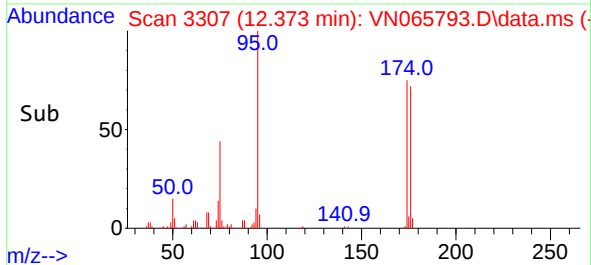
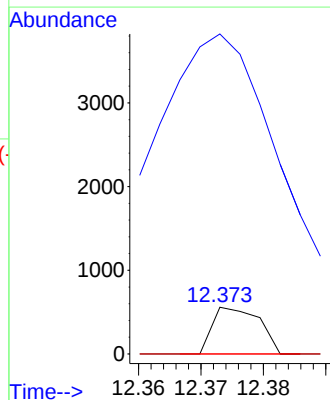
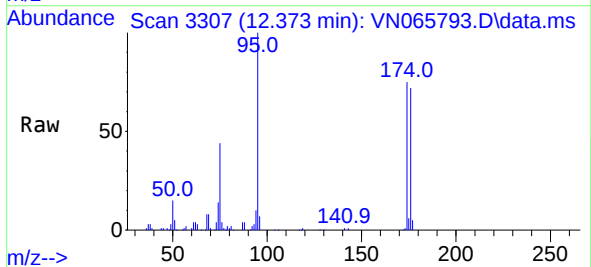
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210WBL01

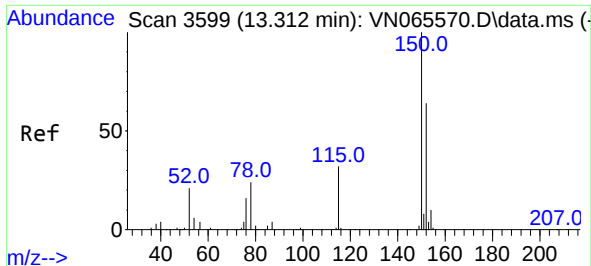
Tgt Ion:117 Resp: 268248  
Ion Ratio Lower Upper  
117 100  
82 56.9 43.7 65.5  
119 31.6 26.1 39.1



#71  
Bromoform  
Concen: 0.21 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.277 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

Tgt Ion:173 Resp: 289  
Ion Ratio Lower Upper  
173 100  
175 1888.2 23.8 71.2#  
254 0.0 0.0 0.0

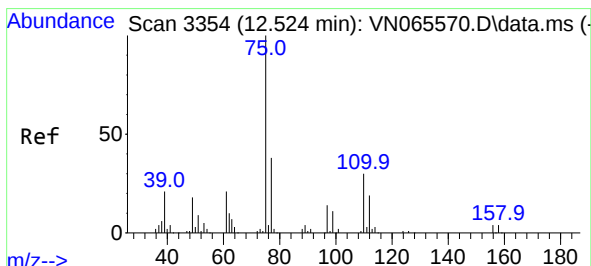
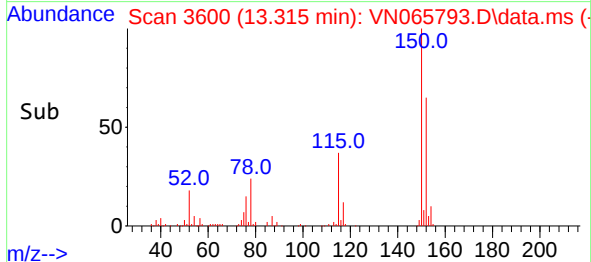
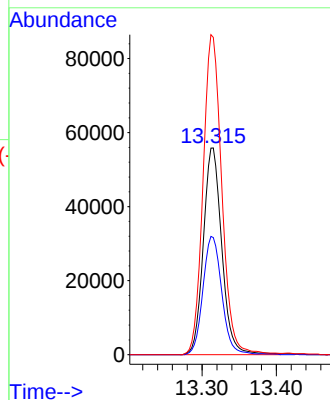
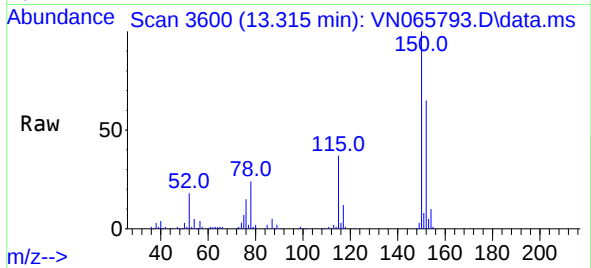




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.315 min Scan# 3600  
Delta R.T. 0.003 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

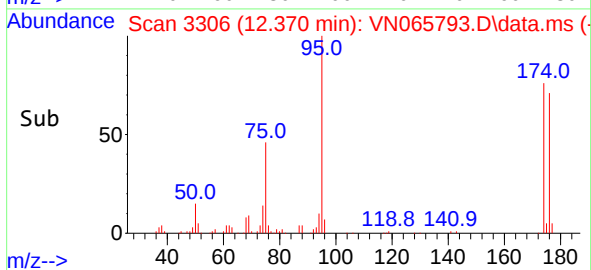
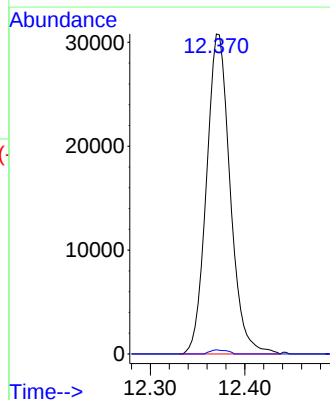
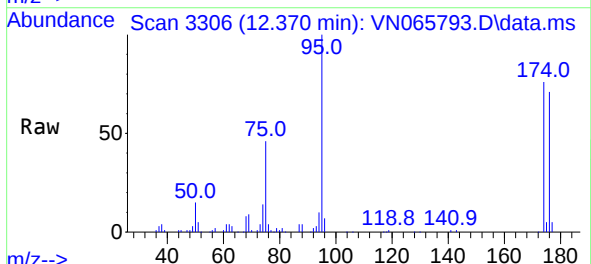
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210WBL01

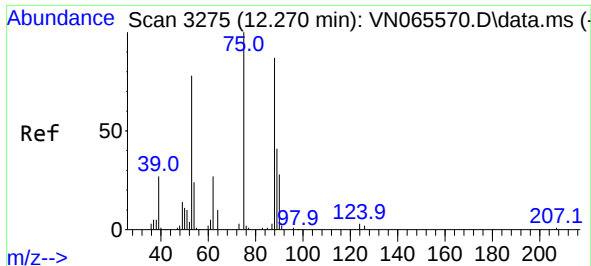
Tgt Ion:152 Resp: 96611  
Ion Ratio Lower Upper  
152 100  
115 58.0 28.5 85.6  
150 157.2 0.0 347.6



#76  
1,2,3-Trichloropropane  
Concen: 21.19 ug/l  
RT: 12.370 min Scan# 3306  
Delta R.T. -0.154 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

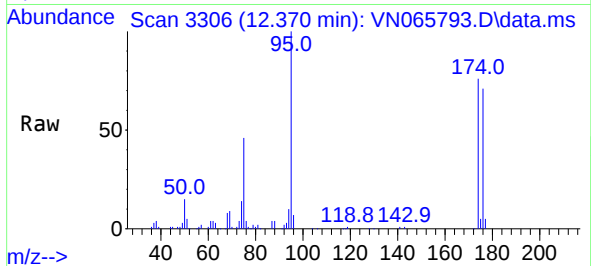
Tgt Ion: 75 Resp: 53535  
Ion Ratio Lower Upper  
75 100  
77 0.9 0.0 0.0#



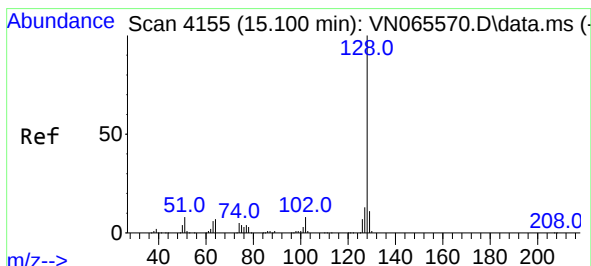
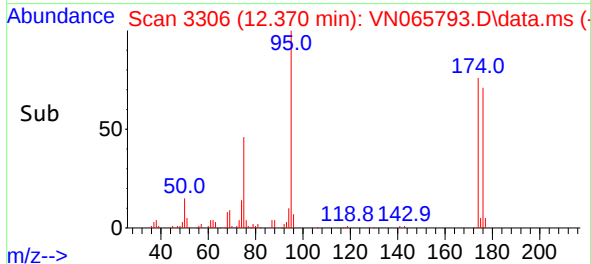
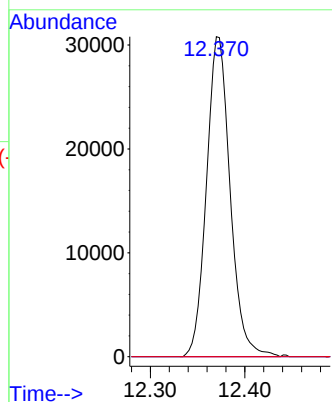


#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.28 ug/l  
RT: 12.370 min Scan# 3306  
Delta R.T. 0.100 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33

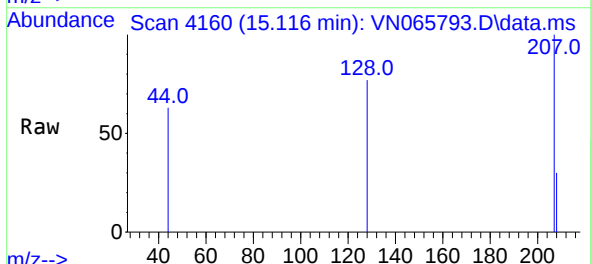
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210WBL01



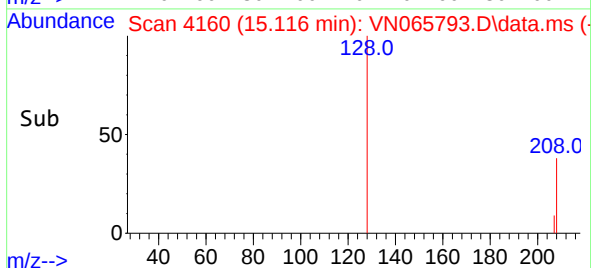
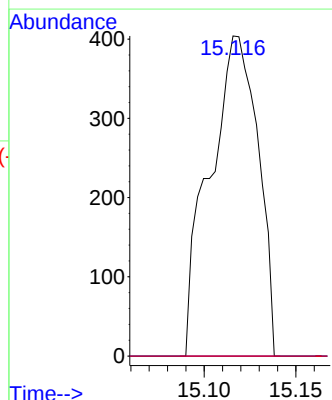
Tgt Ion: 75 Resp: 53535  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.6 111.8#  
89 0.0 35.8 53.8#

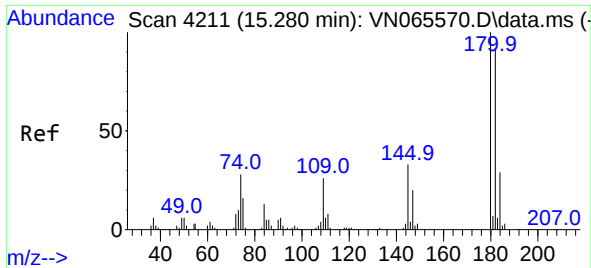


#95  
Naphthalene  
Concen: 3.56 ug/l  
RT: 15.116 min Scan# 4160  
Delta R.T. 0.016 min  
Lab File: VN065793.D  
Acq: 10 Feb 2021 12:33



Tgt Ion: 128 Resp: 742  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.2 15.2#  
129 0.0 8.6 13.0#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.99 ug/l  
 RT: 15.286 min Scan# 4213  
 Delta R.T. 0.006 min  
 Lab File: VN065793.D  
 Acq: 10 Feb 2021 12:33

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0210WBL01

Tgt Ion:180 Resp: 304  
 Ion Ratio Lower Upper  
 180 100  
 182 87.8 47.4 142.3  
 145 0.0 16.5 49.5#

