

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012821\  
 Data File : VN065640.D  
 Acq On : 28 Jan 2021 10:58  
 Operator : JC/MD  
 Sample : VN0128MBL01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0128MBL01

Quant Time: Jan 29 01:20:06 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

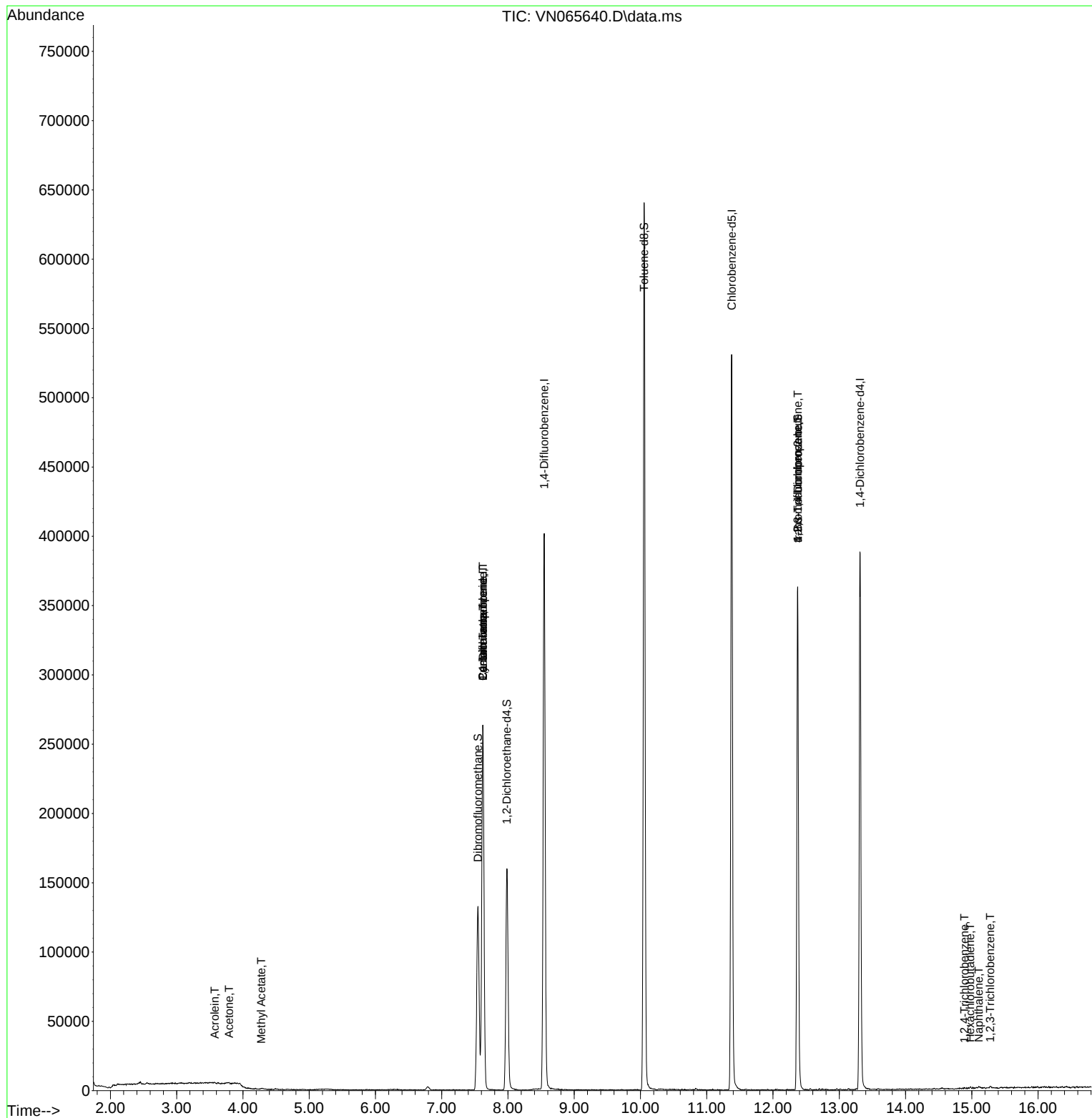
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 7.621          | 168  | 214569     | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.547          | 114  | 372609     | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.376         | 117  | 317147     | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.312         | 152  | 111791     | 50.00   | ug/l   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 7.984          | 65   | 136108     | 48.22   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 96.44%  |        |          |
| 35) Dibromofluoromethane      | 7.547          | 113  | 107690     | 48.77   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 97.54%  |        |          |
| 50) Toluene-d8                | 10.055         | 98   | 458582     | 52.84   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 105.68% |        |          |
| 62) 4-Bromofluorobenzene      | 12.373         | 95   | 149150     | 47.72   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 95.44%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 13) Acrolein                  | 3.576          | 56   | 569        | 19.24   | ug/l # | 57       |
| 16) Acetone                   | 3.788          | 43   | 437        | 0.40    | ug/l # | 41       |
| 18) Methyl Acetate            | 4.277          | 43   | 651        | 0.21    | ug/l # | 51       |
| 31) Cyclohexane               | 7.621          | 56   | 4428       | 0.83    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 7.621          | 75   | 17629      | 4.70    | ug/l # | 47       |
| 38) Carbon Tetrachloride      | 7.621          | 117  | 20272      | 6.57    | ug/l # | 17       |
| 76) 1,2,3-Trichloropropane    | 12.373         | 75   | 69205      | 23.67   | ug/l # | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.373         | 75   | 69205      | 60.64   | ug/l # | 12       |
| 93) 1,2,4-Trichlorobenzene    | 14.887         | 180  | 222        | 3.46    | ug/l # | 86       |
| 94) Hexachlorobutadiene       | 14.977         | 225  | 437        | 0.69    | ug/l # | 56       |
| 95) Naphthalene               | 15.106         | 128  | 2018       | 3.71    | ug/l # | 69       |
| 96) 1,2,3-Trichlorobenzene    | 15.280         | 180  | 591        | 3.09    | ug/l   | 82       |
| -----                         |                |      |            |         |        |          |

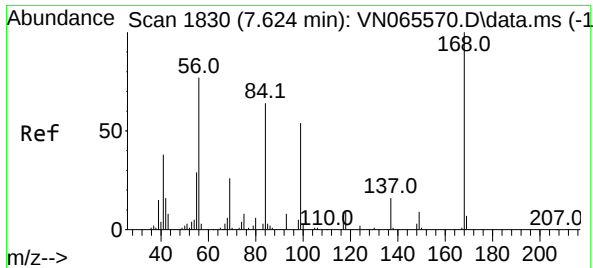
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012821\  
Data File : VN065640.D  
Acq On : 28 Jan 2021 10:58  
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Sample : VN0128MBL01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128MBL01

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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

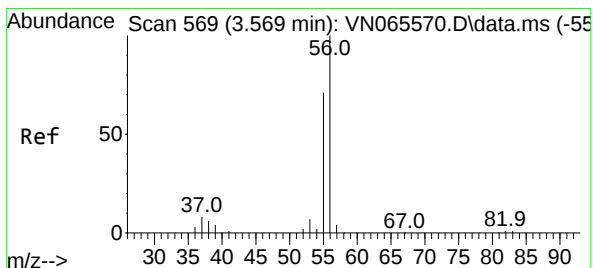
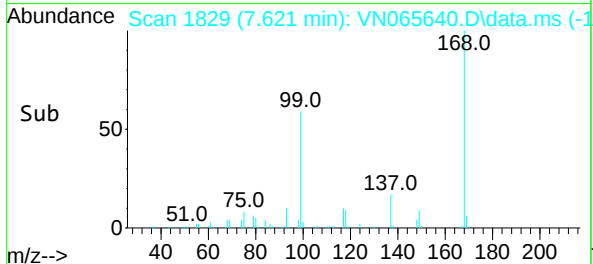
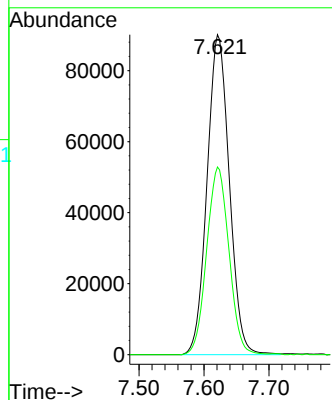
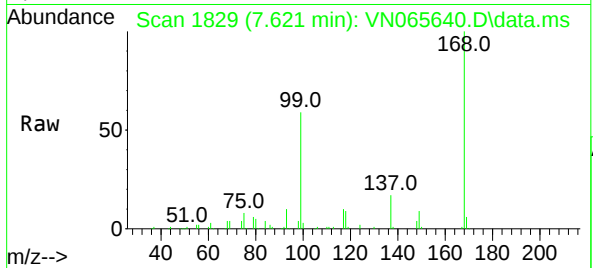




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.621 min Scan# 1829  
Delta R.T. -0.003 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

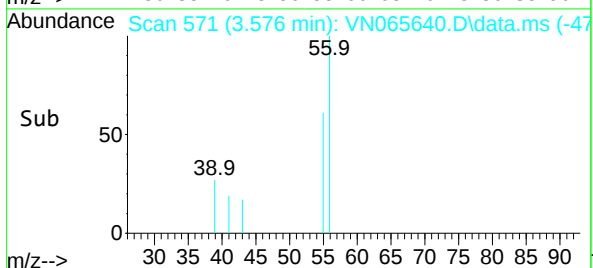
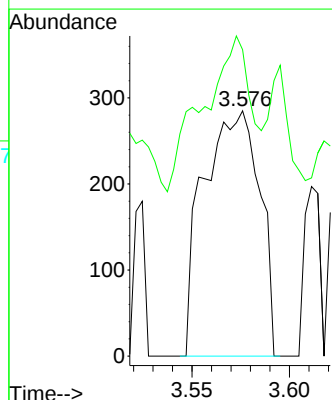
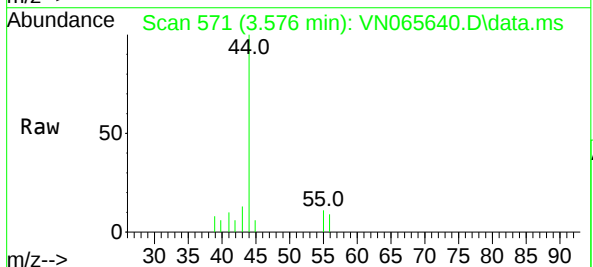
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128MBL01

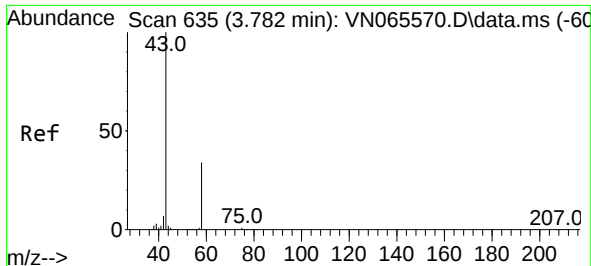
Tgt Ion:168 Resp: 214569  
Ion Ratio Lower Upper  
168 100  
99 58.6 42.6 63.8



#13  
Acrolein  
Concen: 19.24 ug/l  
RT: 3.576 min Scan# 571  
Delta R.T. 0.007 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

Tgt Ion: 56 Resp: 569  
Ion Ratio Lower Upper  
56 100  
55 34.6 56.0 84.0#

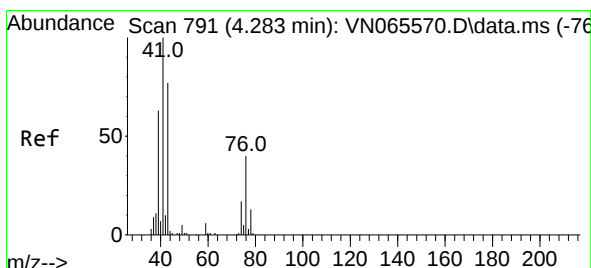
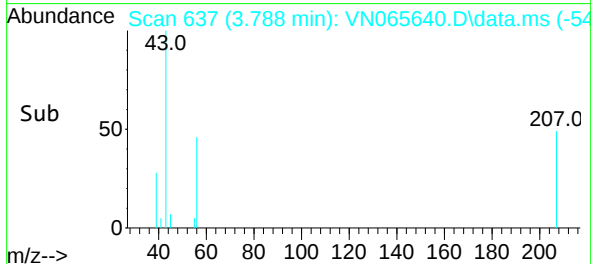
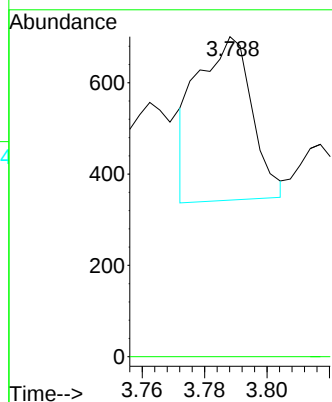
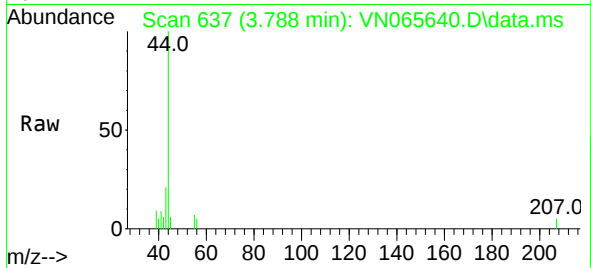




#16  
Acetone  
Concen: 0.40 ug/l  
RT: 3.788 min Scan# 637  
Delta R.T. 0.006 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

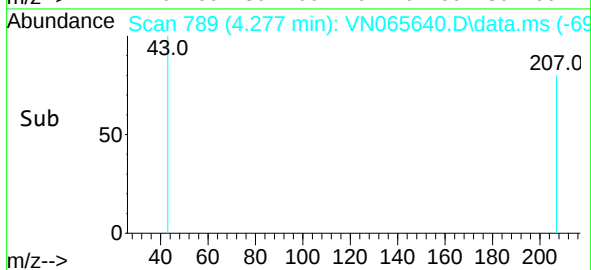
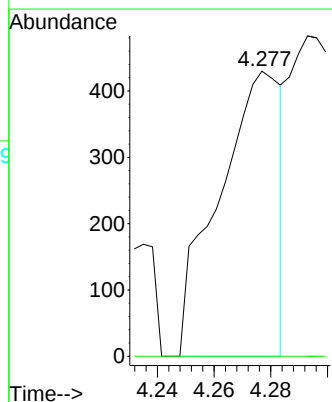
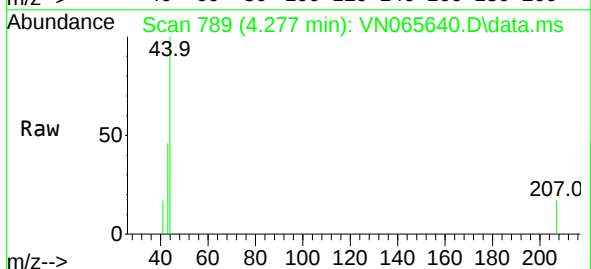
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128MBL01

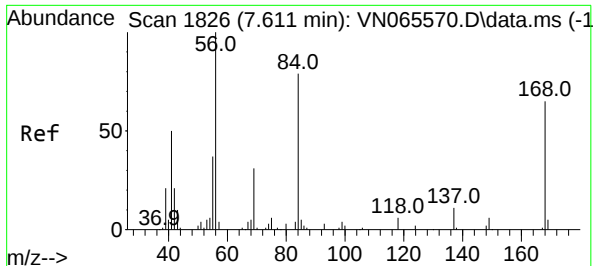
Tgt Ion: 43 Resp: 437  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.0 40.6#



#18  
Methyl Acetate  
Concen: 0.21 ug/l  
RT: 4.277 min Scan# 789  
Delta R.T. -0.006 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

Tgt Ion: 43 Resp: 651  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.5 29.3#

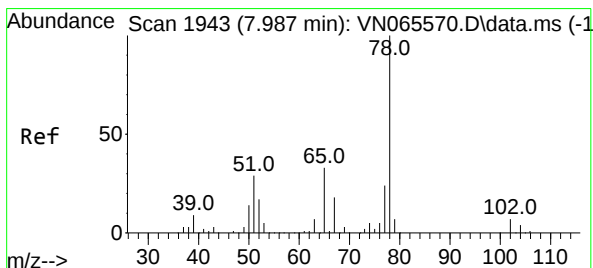
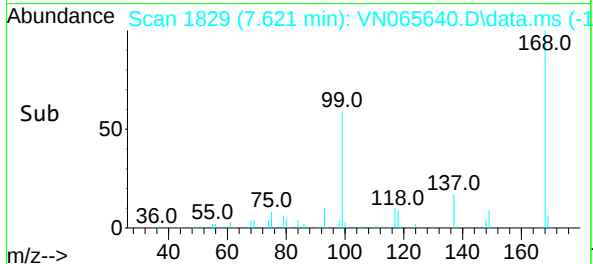
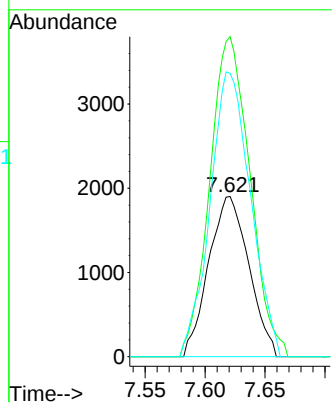
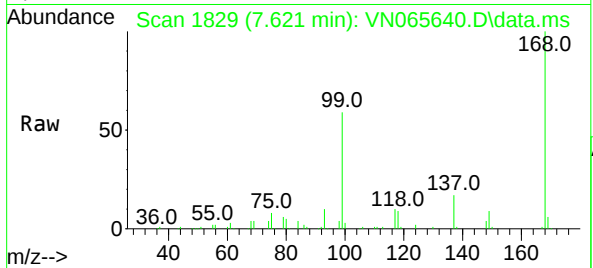




#31  
Cyclohexane  
Concen: 0.83 ug/l  
RT: 7.621 min Scan# 1829  
Delta R.T. 0.010 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

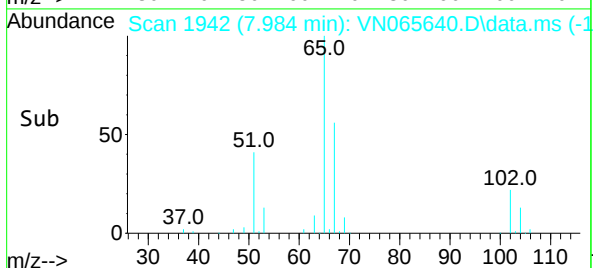
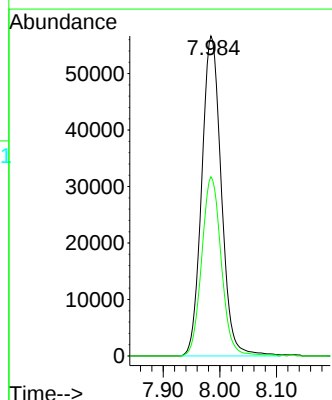
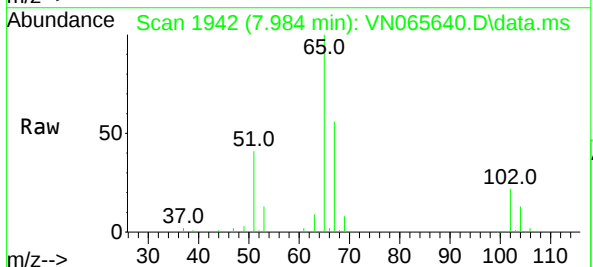
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128MBL01

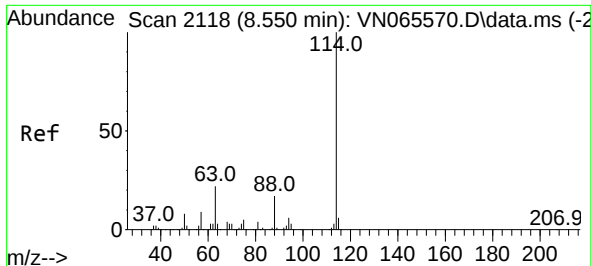
Tgt Ion: 56 Resp: 4428  
Ion Ratio Lower Upper  
56 100  
69 199.8 26.6 39.8#  
84 176.9 70.4 105.6#



#33  
1,2-Dichloroethane-d4  
Concen: 48.22 ug/l  
RT: 7.984 min Scan# 1942  
Delta R.T. -0.003 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

Tgt Ion: 65 Resp: 136108  
Ion Ratio Lower Upper  
65 100  
67 55.8 0.0 107.2

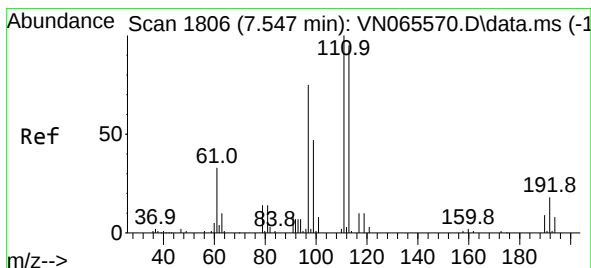
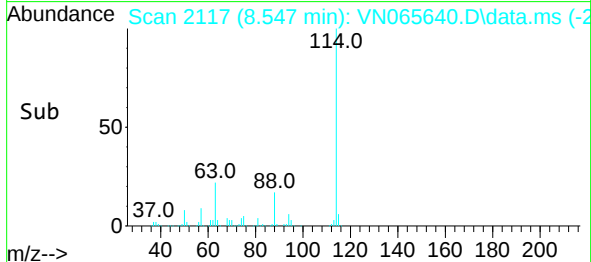
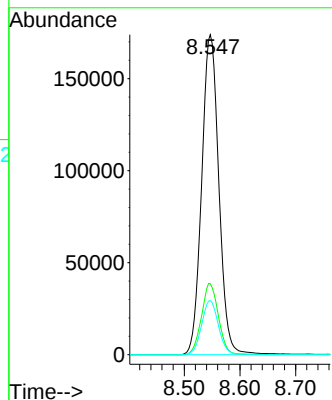
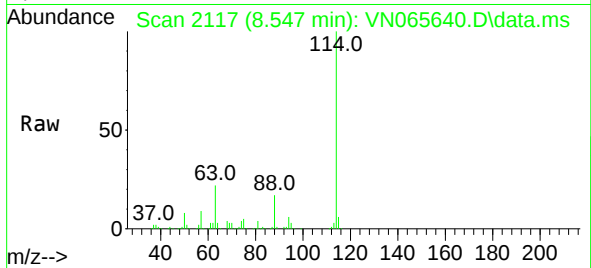




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.547 min Scan# 2117  
Delta R.T. -0.003 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

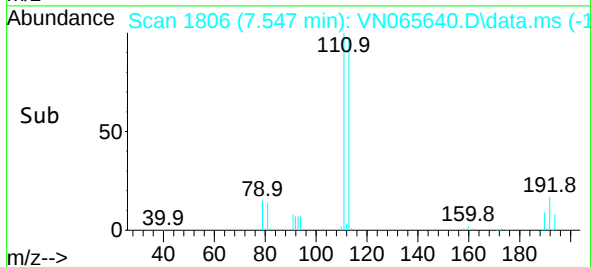
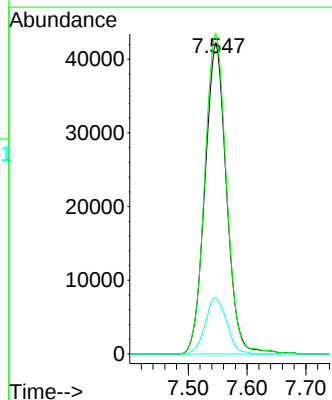
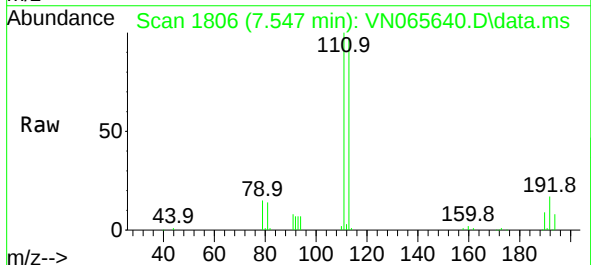
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128MBL01

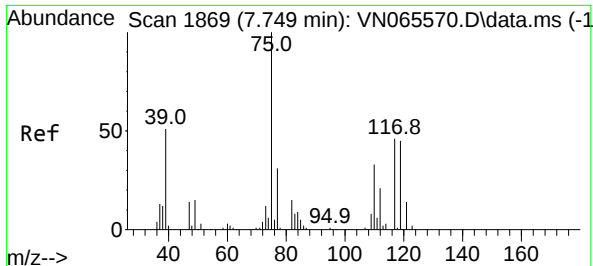
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 372609 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 22.2  | 0.0   | 38.6   |
| 88       | 16.9  | 0.0   | 30.6   |



#35  
Dibromofluoromethane  
Concen: 48.77 ug/l  
RT: 7.547 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 107690 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 103.9 | 82.2  | 123.2  |
| 192      | 17.9  | 15.4  | 23.0   |

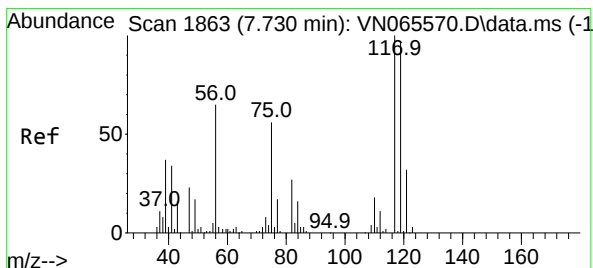
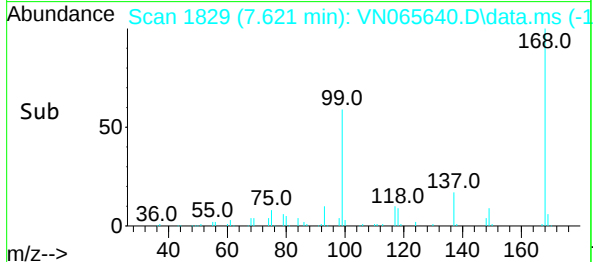
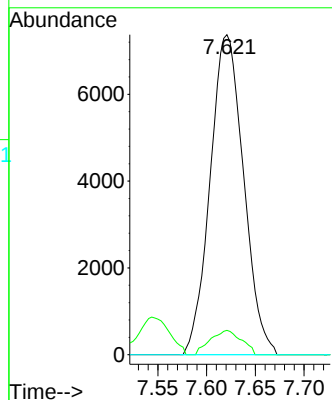
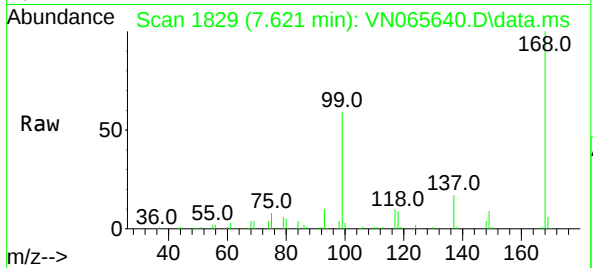




#36  
1,1-Dichloropropene  
Concen: 4.70 ug/l  
RT: 7.621 min Scan# 1829  
Delta R.T. -0.128 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

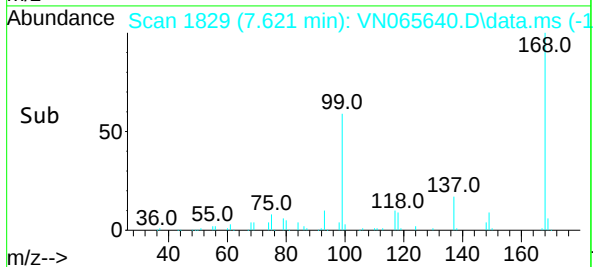
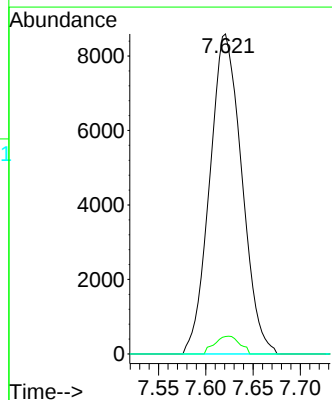
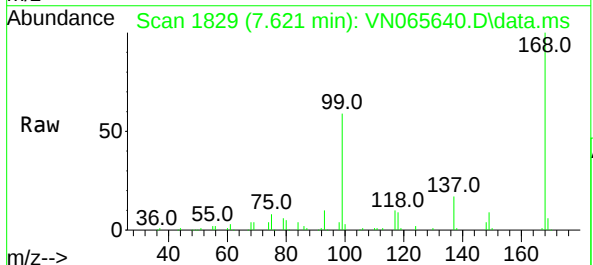
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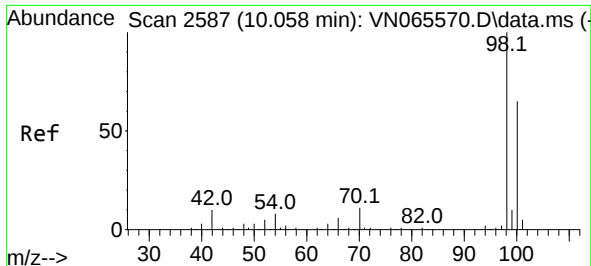
Tgt Ion: 75 Resp: 17629  
Ion Ratio Lower Upper  
75 100  
110 7.1 18.2 54.6#  
77 0.0 24.9 37.3#



#38  
Carbon Tetrachloride  
Concen: 6.57 ug/l  
RT: 7.621 min Scan# 1829  
Delta R.T. -0.109 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

Tgt Ion: 117 Resp: 20272  
Ion Ratio Lower Upper  
117 100  
119 5.5 76.0 114.0#  
121 0.0 24.5 36.7#

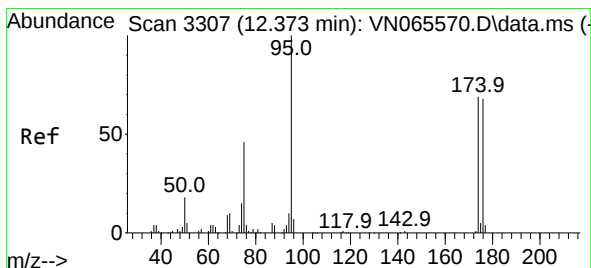
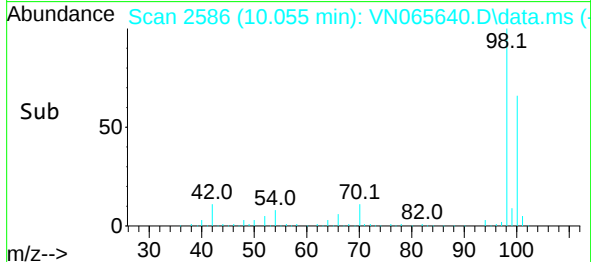
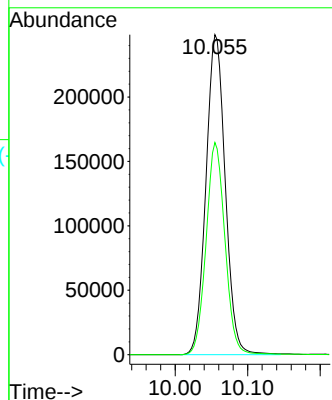
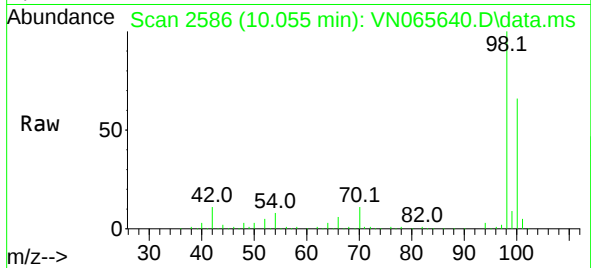




#50  
Toluene-d8  
Concen: 52.84 ug/l  
RT: 10.055 min Scan# 2586  
Delta R.T. -0.003 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

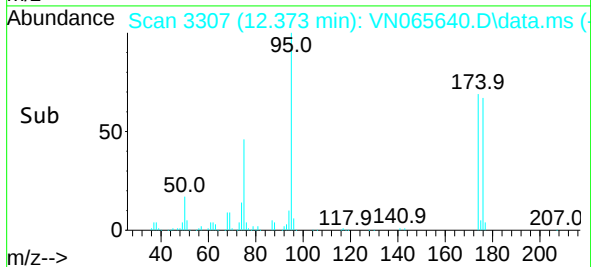
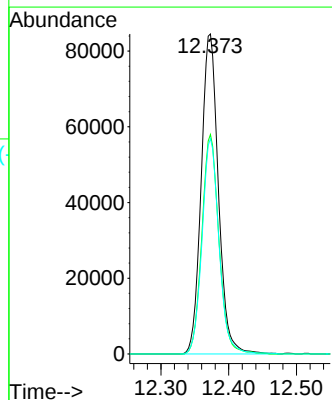
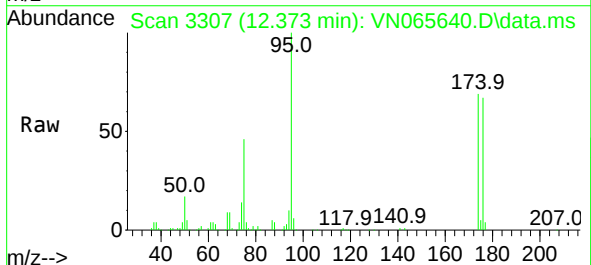
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128MBL01

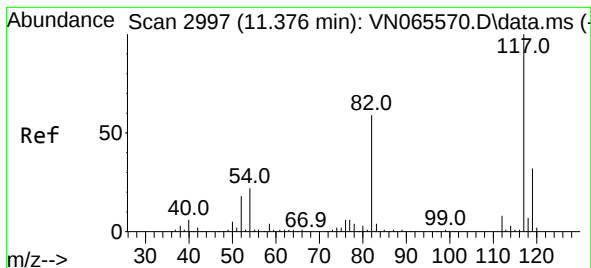
Tgt Ion: 98 Resp: 458582  
Ion Ratio Lower Upper  
98 100  
100 64.9 50.5 75.7



#62  
4-Bromofluorobenzene  
Concen: 47.72 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.000 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

Tgt Ion: 95 Resp: 149150  
Ion Ratio Lower Upper  
95 100  
174 67.9 0.0 169.0  
176 66.3 0.0 162.4

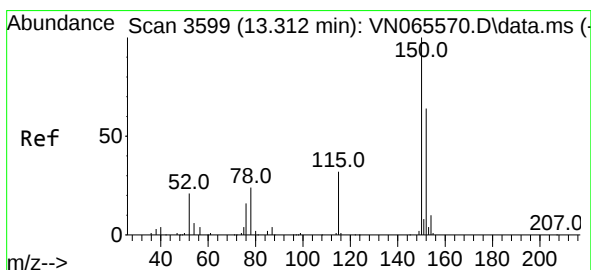
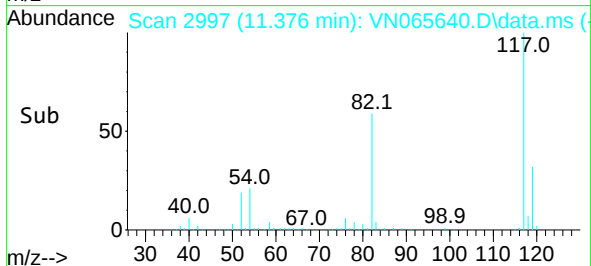
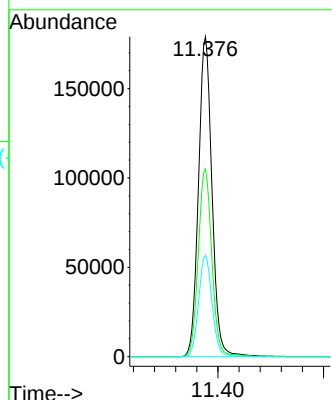
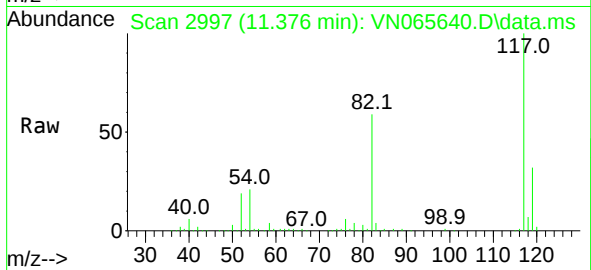




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

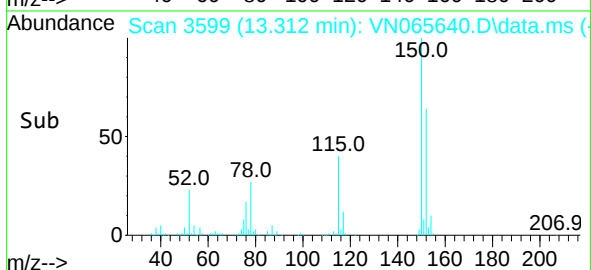
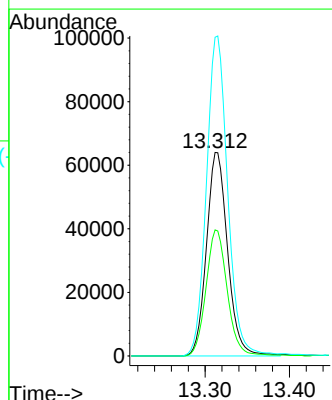
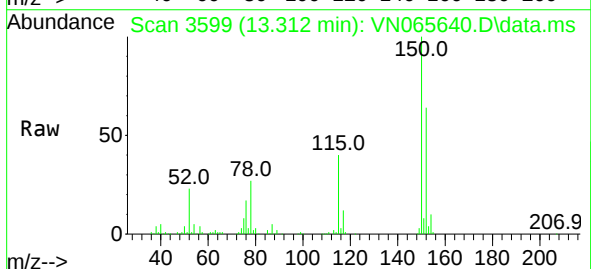
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128MBL01

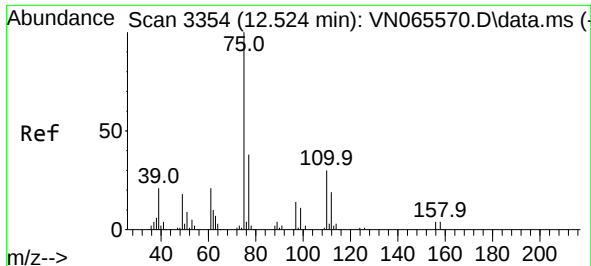
Tgt Ion:117 Resp: 317147  
Ion Ratio Lower Upper  
117 100  
82 58.6 43.7 65.5  
119 31.7 26.1 39.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.312 min Scan# 3599  
Delta R.T. -0.000 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

Tgt Ion:152 Resp: 111791  
Ion Ratio Lower Upper  
152 100  
115 62.4 28.5 85.6  
150 157.8 0.0 347.6

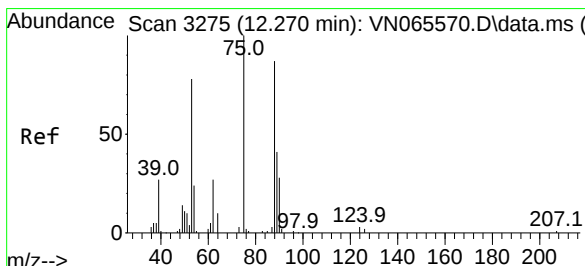
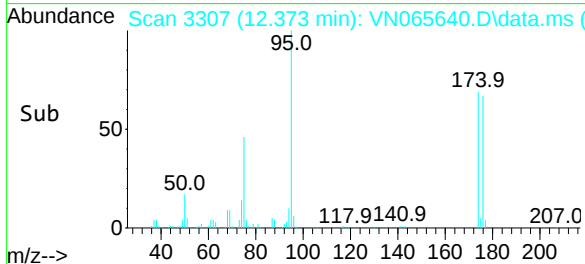
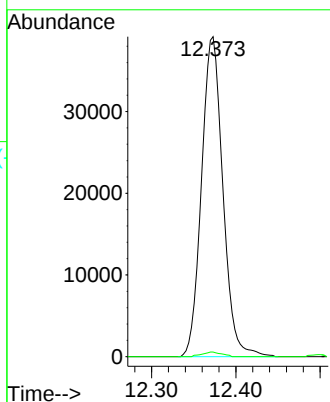
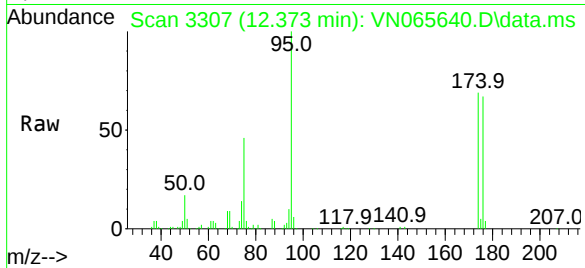




#76  
1,2,3-Trichloropropane  
Concen: 23.67 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. -0.151 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

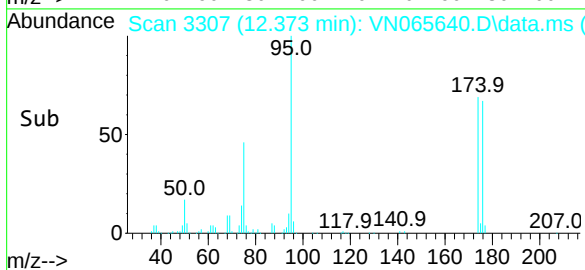
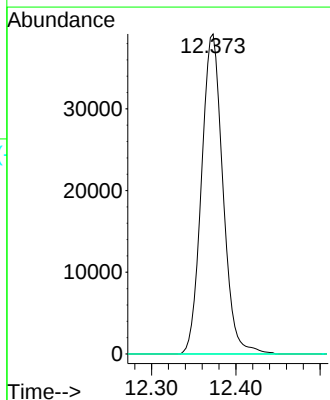
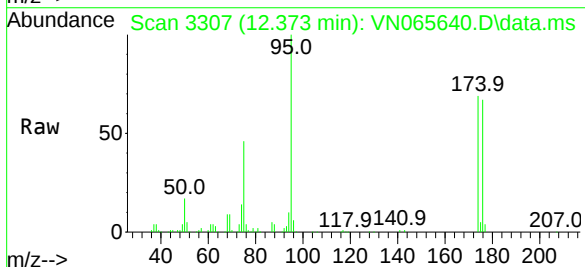
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128MBL01

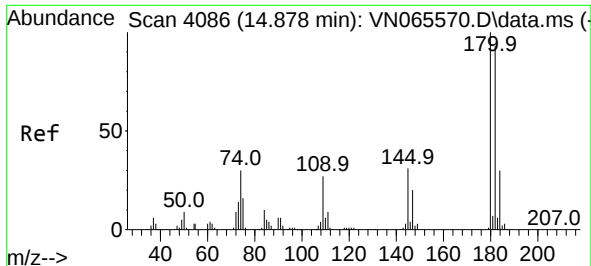
Tgt Ion: 75 Resp: 69205  
Ion Ratio Lower Upper  
75 100  
77 1.3 0.0 0.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 60.64 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.103 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

Tgt Ion: 75 Resp: 69205  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.6 111.8#  
89 0.0 35.8 53.8#

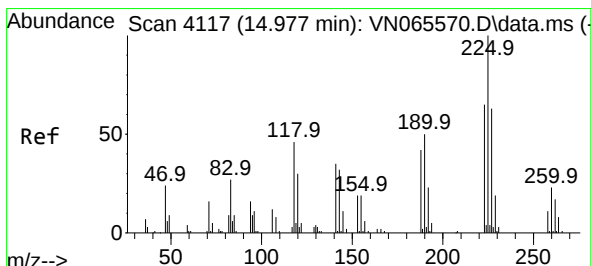
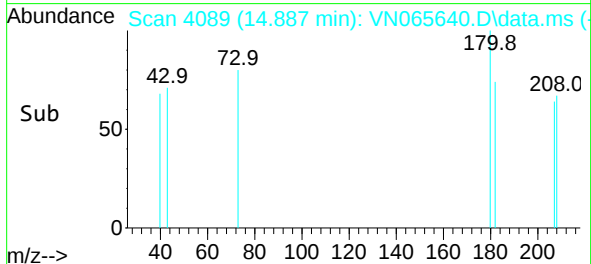
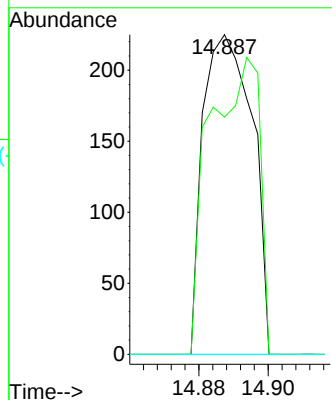
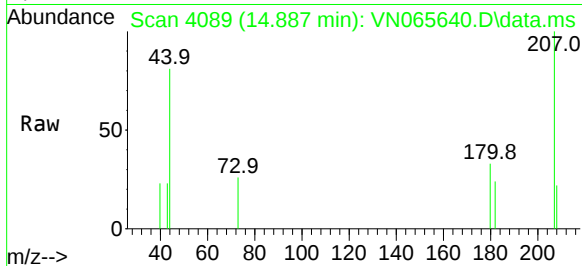




#93  
1,2,4-Trichlorobenzene  
Concen: 3.46 ug/l  
RT: 14.887 min Scan# 4089  
Delta R.T. 0.009 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

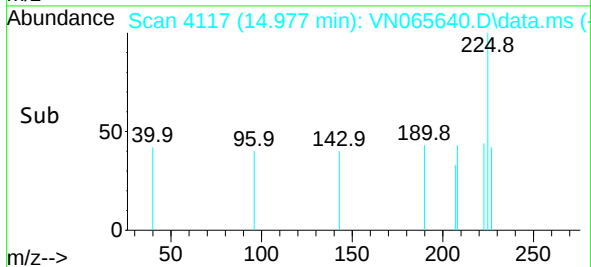
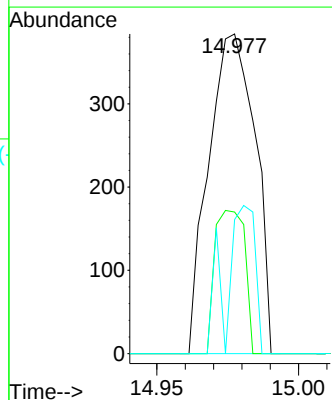
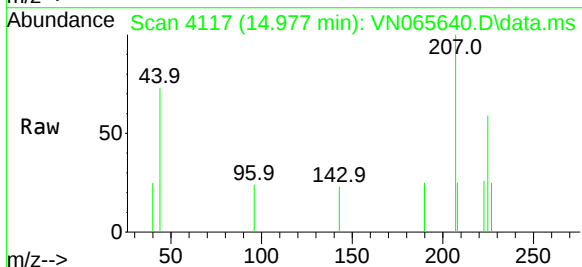
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128MBL01

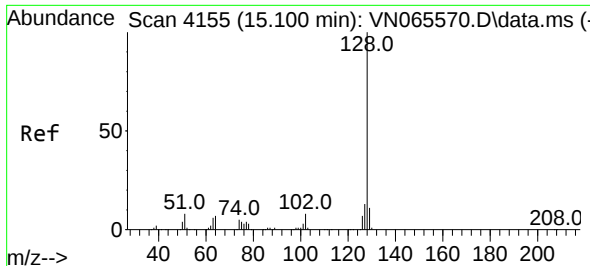
Tgt Ion:180 Resp: 222  
Ion Ratio Lower Upper  
180 100  
182 94.1 47.3 142.0  
145 0.0 15.6 46.8#



#94  
Hexachlorobutadiene  
Concen: 0.69 ug/l  
RT: 14.977 min Scan# 4117  
Delta R.T. 0.000 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

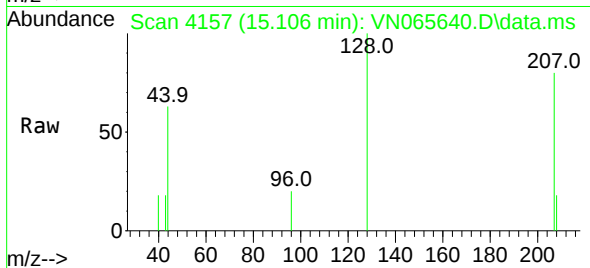
Tgt Ion:225 Resp: 437  
Ion Ratio Lower Upper  
225 100  
223 28.8 31.9 95.9#  
227 29.1 31.6 95.0#



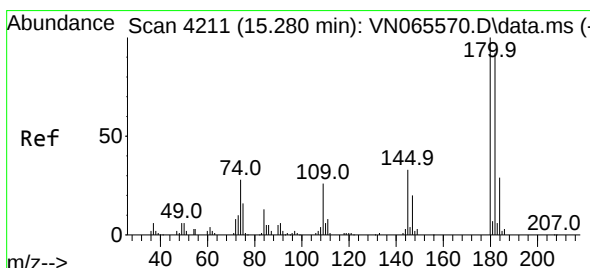
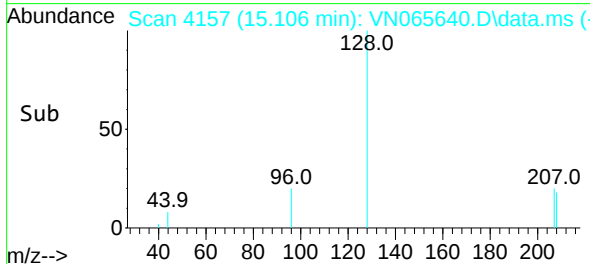
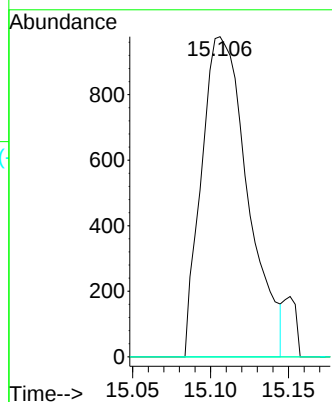


#95  
Naphthalene  
Concen: 3.71 ug/l  
RT: 15.106 min Scan# 4157  
Delta R.T. 0.006 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128MBL01



Tgt Ion:128 Resp: 2018  
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: 3.09 ug/l  
RT: 15.280 min Scan# 4211  
Delta R.T. -0.000 min  
Lab File: VN065640.D  
Acq: 28 Jan 2021 10:58

Tgt Ion:180 Resp: 591  
Ion Ratio Lower Upper  
180 100  
182 78.7 47.4 142.3  
145 21.0 16.5 49.5

