

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020821\  
 Data File : VN065748.D  
 Acq On : 8 Feb 2021 11:07  
 Operator : JC/MD  
 Sample : VN0208MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0208MBL01

Quant Time: Feb 09 00:37:18 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

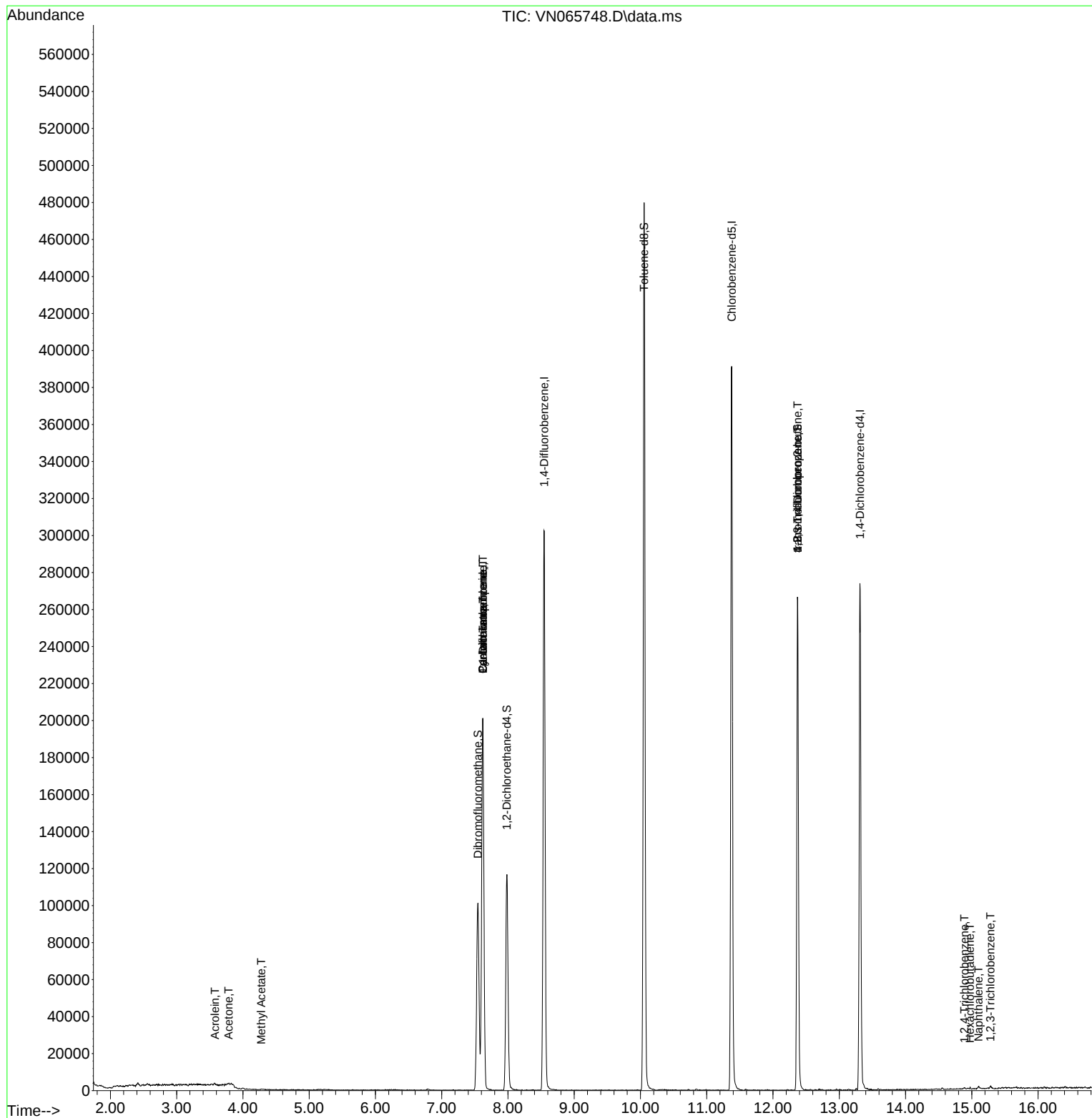
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 7.621          | 168  | 172400     | 50.00   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.547          | 114  | 287458     | 50.00   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.376         | 117  | 250016     | 50.00   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.312         | 152  | 82817      | 50.00   | ug/l   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 7.984          | 65   | 99650      | 43.94   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 87.88%  |        |          |
| 35) Dibromofluoromethane      | 7.547          | 113  | 83376      | 48.95   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 97.90%  |        |          |
| 50) Toluene-d8                | 10.055         | 98   | 356669     | 53.27   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 106.54% |        |          |
| 62) 4-Bromofluorobenzene      | 12.370         | 95   | 109621     | 45.46   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 90.92%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acrolein                  | 3.576          | 56   | 59         | 18.24   | ug/l # | 1        |
| 16) Acetone                   | 3.782          | 43   | 1123       | 1.27    | ug/l # | 41       |
| 18) Methyl Acetate            | 4.277          | 43   | 659        | 0.27    | ug/l # | 51       |
| 31) Cyclohexane               | 7.621          | 56   | 3011       | 0.71    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 7.621          | 75   | 13192      | 4.56    | ug/l # | 47       |
| 38) Carbon Tetrachloride      | 7.621          | 117  | 15473      | 6.50    | ug/l # | 17       |
| 76) 1,2,3-Trichloropropane    | 12.370         | 75   | 49601      | 22.90   | ug/l # | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.370         | 75   | 49601      | 58.67   | ug/l # | 12       |
| 93) 1,2,4-Trichlorobenzene    | 14.888         | 180  | 402        | 3.59    | ug/l # | 67       |
| 94) Hexachlorobutadiene       | 14.974         | 225  | 247        | 0.58    | ug/l # | 26       |
| 95) Naphthalene               | 15.103         | 128  | 1918       | 3.78    | ug/l # | 69       |
| 96) 1,2,3-Trichlorobenzene    | 15.283         | 180  | 748        | 3.27    | ug/l # | 83       |
| -----                         |                |      |            |         |        |          |

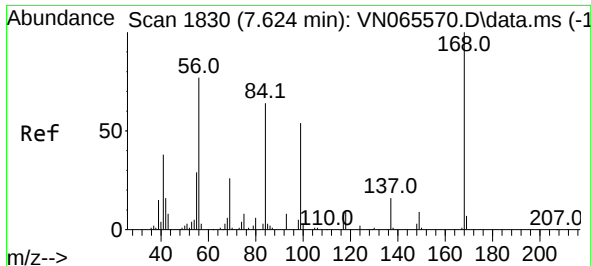
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020821\  
Data File : VN065748.D  
Acq On : 8 Feb 2021 11:07  
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Sample : VN0208MBL01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0208MBL01

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Quant Title : SW846 8260  
QLast Update : Mon Jan 25 13:47:28 2021  
Response via : Initial Calibration

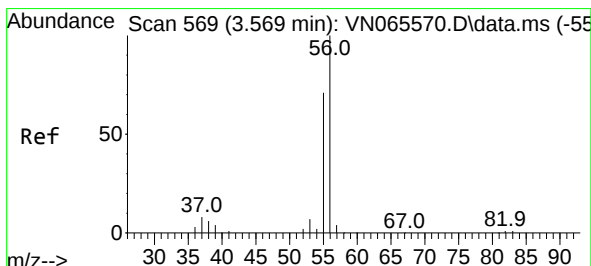
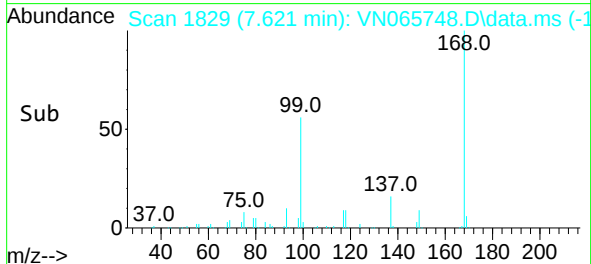
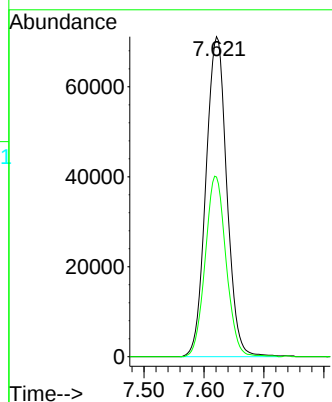
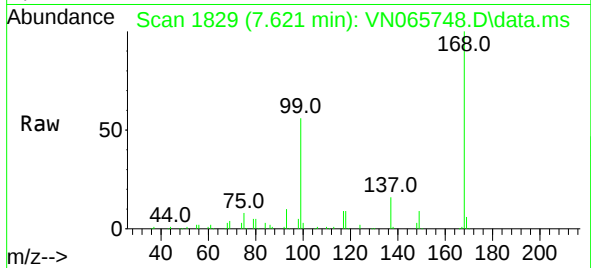




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.621 min Scan# 1829  
Delta R.T. -0.003 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

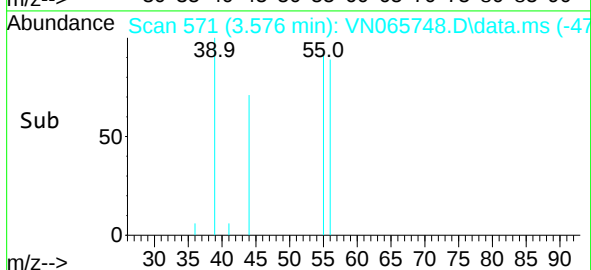
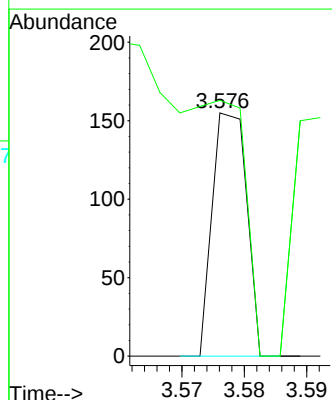
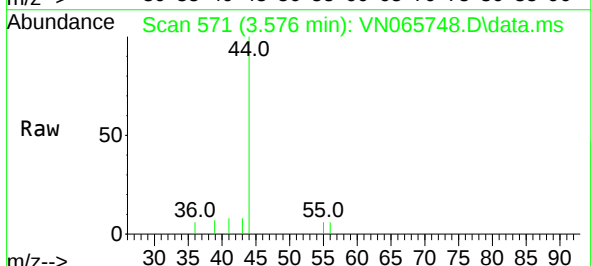
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0208MBL01

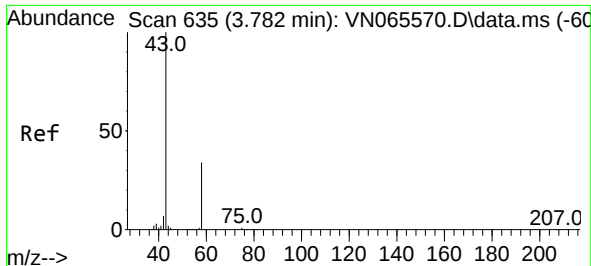
Tgt Ion:168 Resp: 172400  
Ion Ratio Lower Upper  
168 100  
99 56.2 42.6 63.8



#13  
Acrolein  
Concen: 18.24 ug/l  
RT: 3.576 min Scan# 571  
Delta R.T. 0.007 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

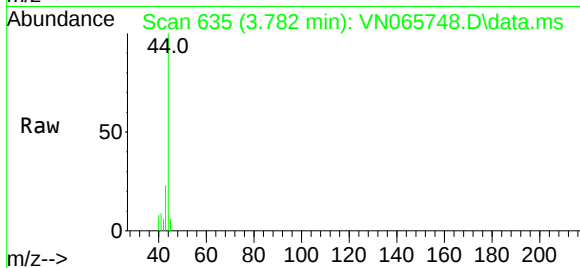
Tgt Ion: 56 Resp: 59  
Ion Ratio Lower Upper  
56 100  
55 449.2 56.0 84.0#



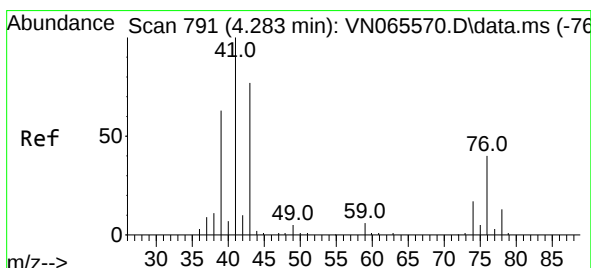
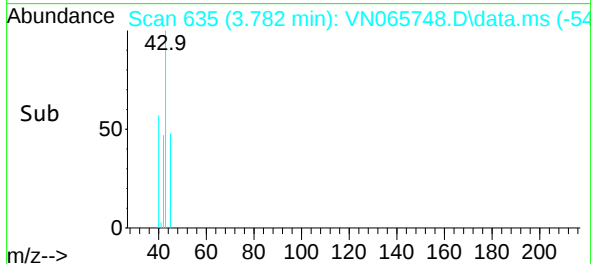
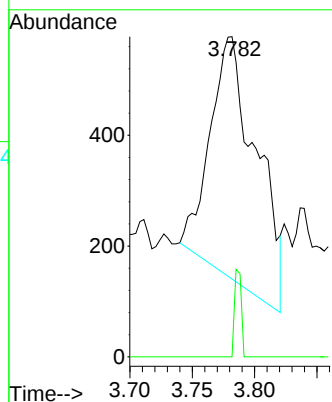


#16  
Acetone  
Concen: 1.27 ug/l  
RT: 3.782 min Scan# 635  
Delta R.T. -0.000 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0208MBL01

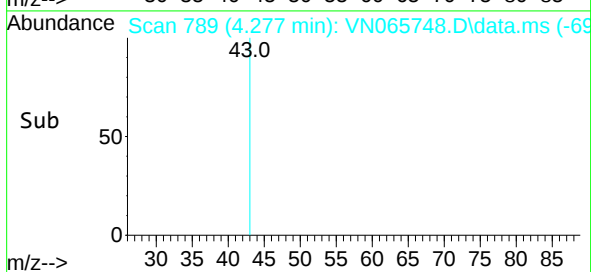
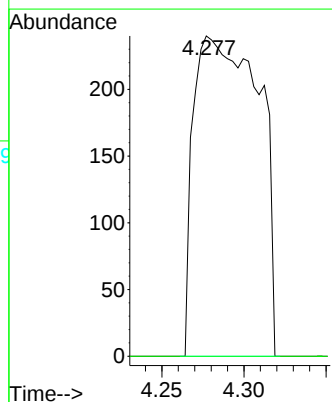
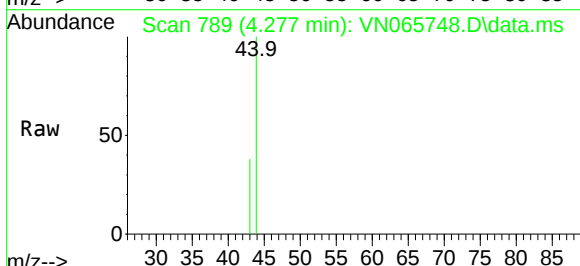


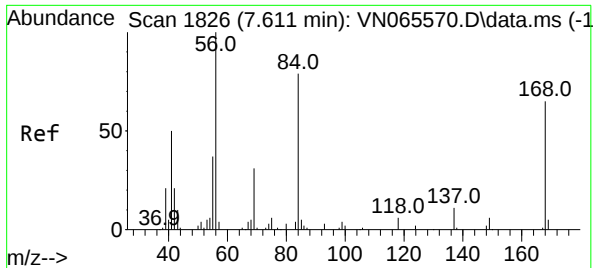
Tgt Ion: 43 Resp: 1123  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.0 40.6#



#18  
Methyl Acetate  
Concen: 0.27 ug/l  
RT: 4.277 min Scan# 789  
Delta R.T. -0.006 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

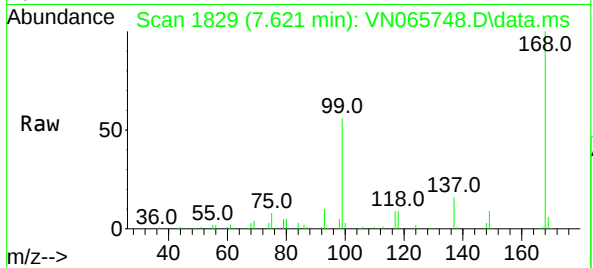
Tgt Ion: 43 Resp: 659  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.5 29.3#



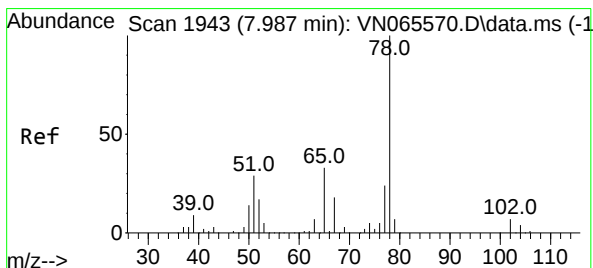
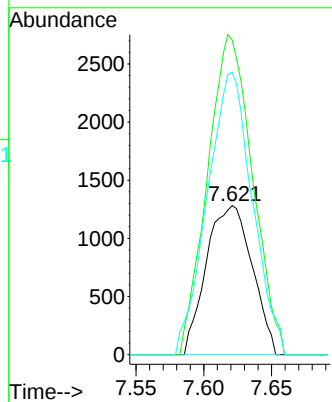
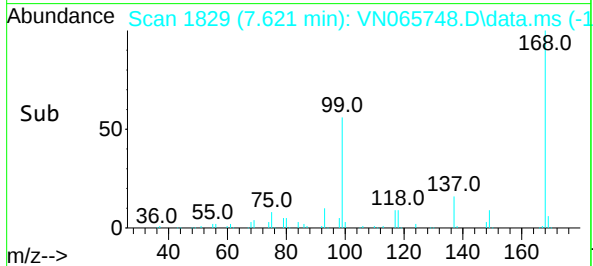


#31  
Cyclohexane  
Concen: 0.71 ug/l  
RT: 7.621 min Scan# 1829  
Delta R.T. 0.010 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

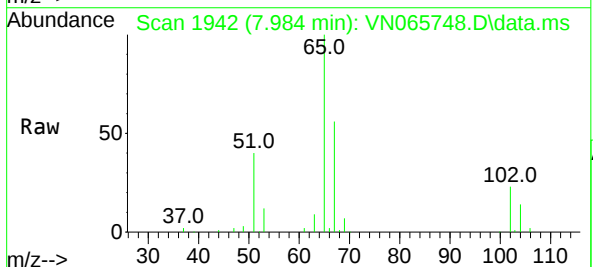
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0208MBL01



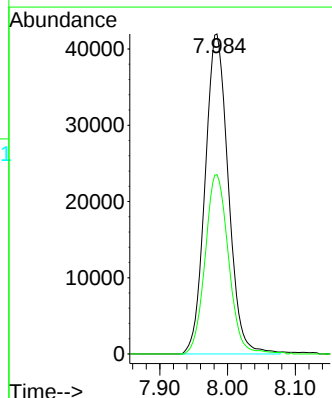
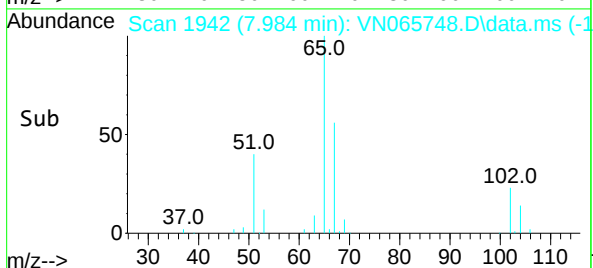
Tgt Ion: 56 Resp: 3011  
Ion Ratio Lower Upper  
56 100  
69 211.1 26.6 39.8#  
84 173.9 70.4 105.6#

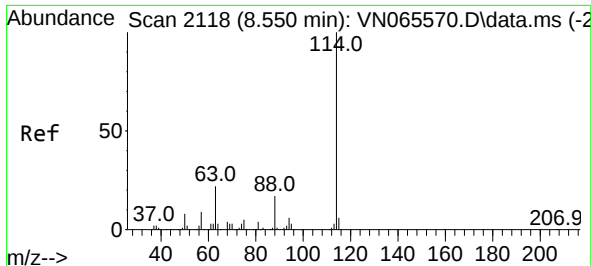


#33  
1,2-Dichloroethane-d4  
Concen: 43.94 ug/l  
RT: 7.984 min Scan# 1942  
Delta R.T. -0.003 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07



Tgt Ion: 65 Resp: 99650  
Ion Ratio Lower Upper  
65 100  
67 56.5 0.0 107.2

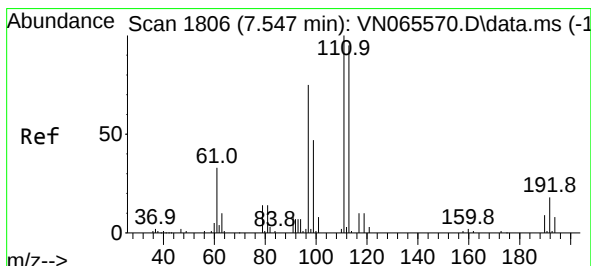
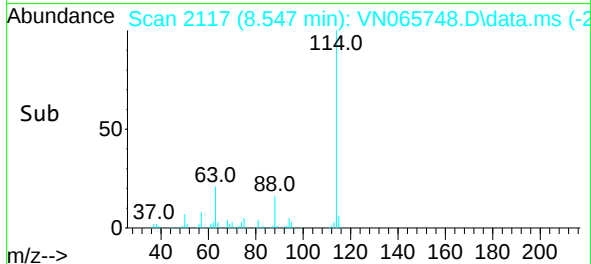
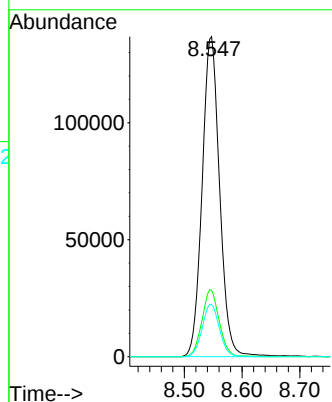
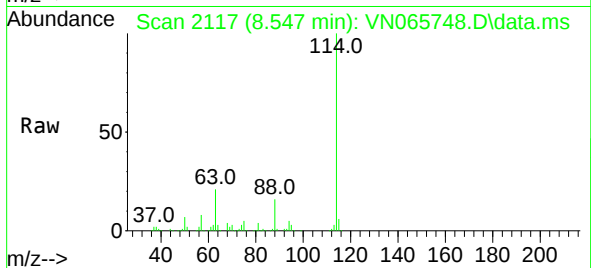




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.547 min Scan# 2117  
Delta R.T. -0.003 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

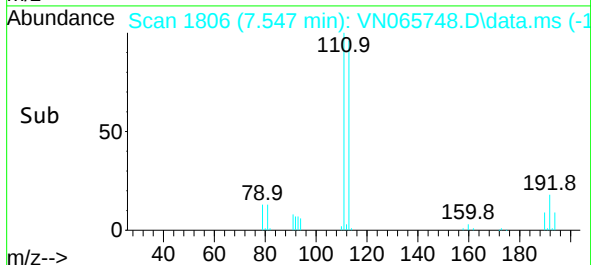
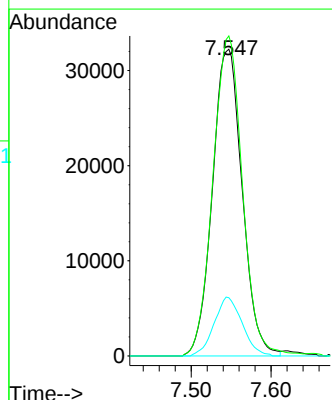
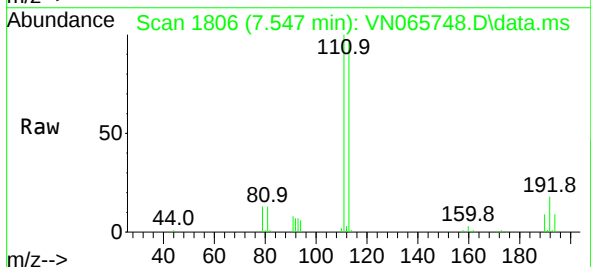
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ClientSampleId :  
VN0208MBL01

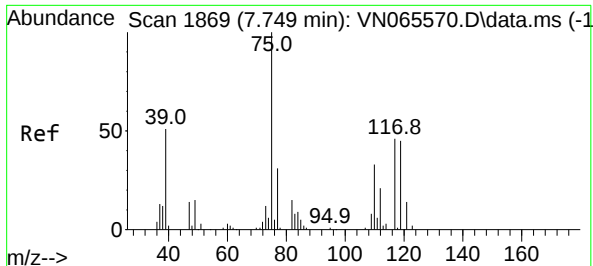
Tgt Ion:114 Resp: 287458  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 38.6  
88 16.3 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 48.95 ug/l  
RT: 7.547 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

Tgt Ion:113 Resp: 83376  
Ion Ratio Lower Upper  
113 100  
111 103.6 82.2 123.2  
192 18.1 15.4 23.0

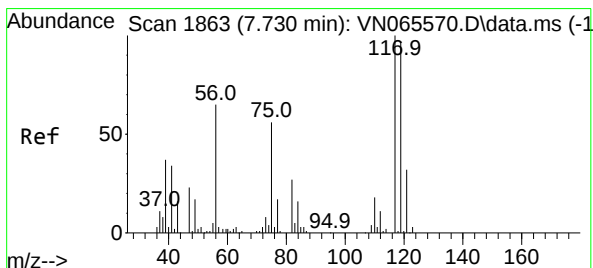
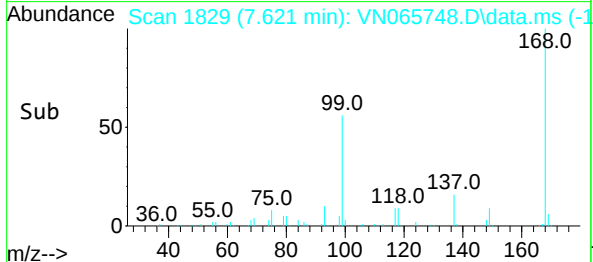
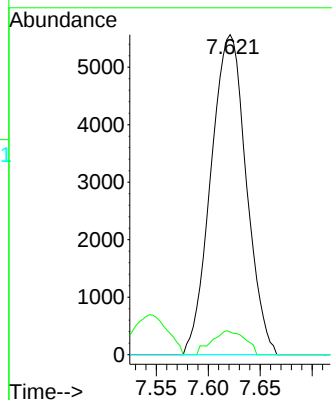
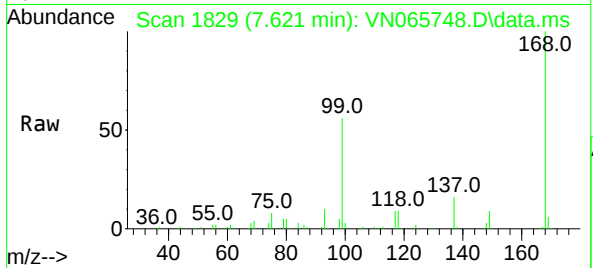




#36  
1,1-Dichloropropene  
Concen: 4.56 ug/l  
RT: 7.621 min Scan# 1829  
Delta R.T. -0.128 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

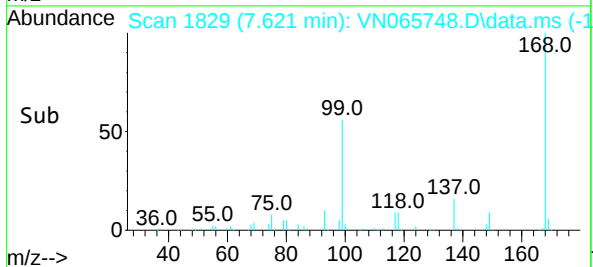
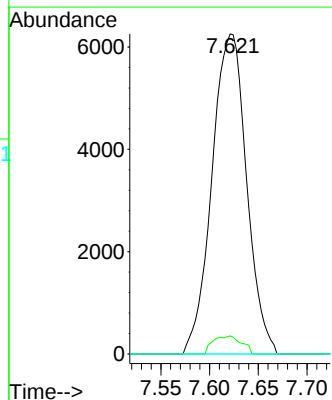
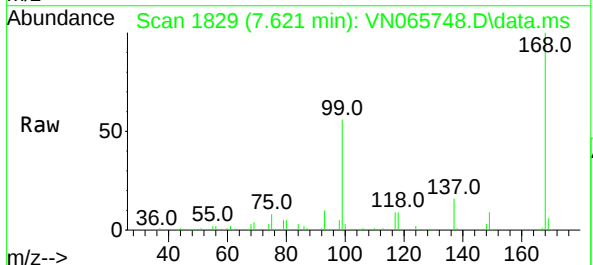
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0208MBL01

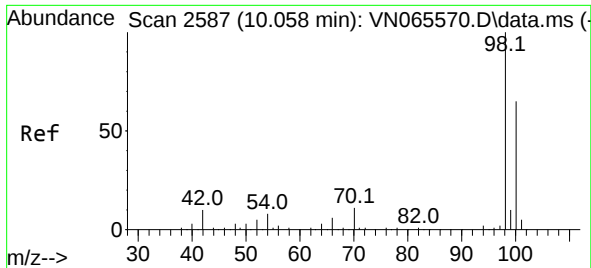
Tgt Ion: 75 Resp: 13192  
Ion Ratio Lower Upper  
75 100  
110 7.0 18.2 54.6#  
77 0.0 24.9 37.3#



#38  
Carbon Tetrachloride  
Concen: 6.50 ug/l  
RT: 7.621 min Scan# 1829  
Delta R.T. -0.109 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

Tgt Ion: 117 Resp: 15473  
Ion Ratio Lower Upper  
117 100  
119 5.7 76.0 114.0#  
121 0.0 24.5 36.7#

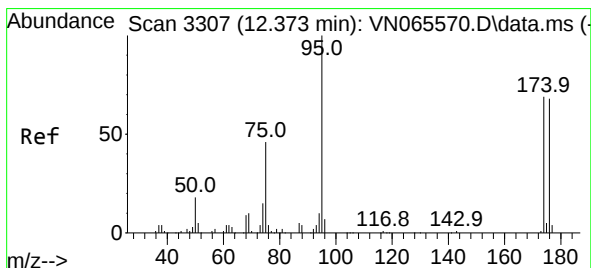
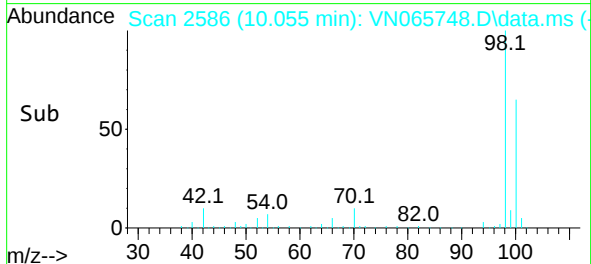
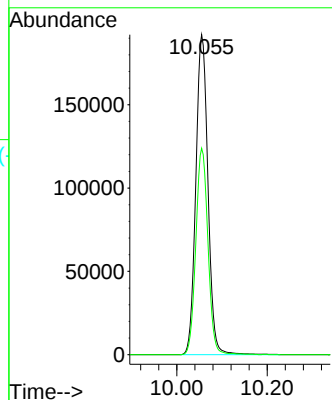
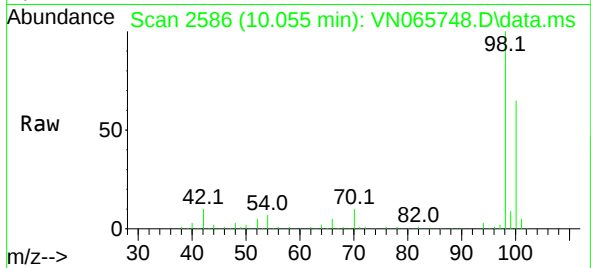




#50  
Toluene-d8  
Concen: 53.27 ug/l  
RT: 10.055 min Scan# 2586  
Delta R.T. -0.003 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

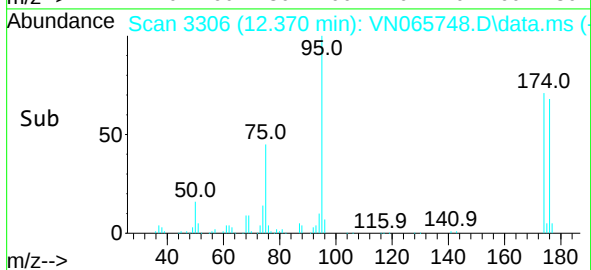
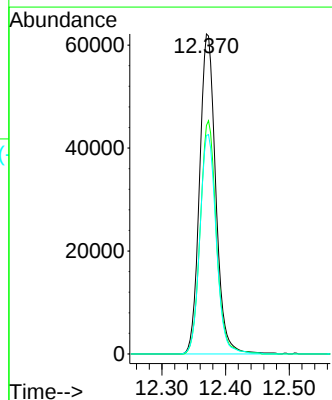
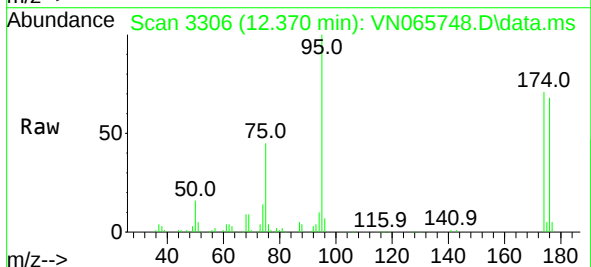
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0208MBL01

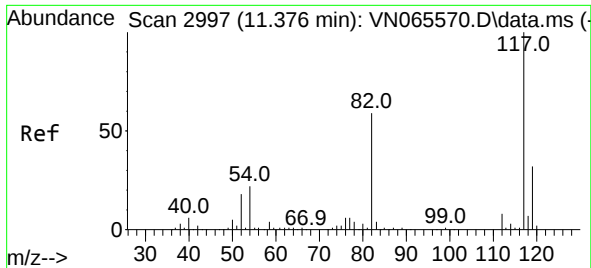
Tgt Ion: 98 Resp: 356669  
Ion Ratio Lower Upper  
98 100  
100 64.5 50.5 75.7



#62  
4-Bromofluorobenzene  
Concen: 45.46 ug/l  
RT: 12.370 min Scan# 3306  
Delta R.T. -0.003 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

Tgt Ion: 95 Resp: 109621  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 169.0  
176 69.2 0.0 162.4

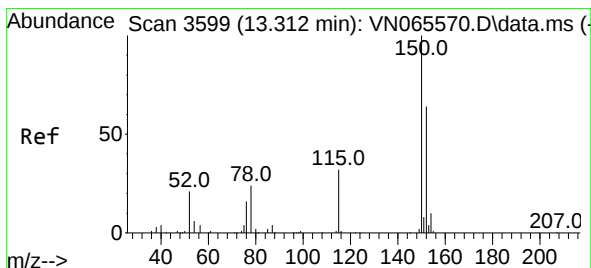
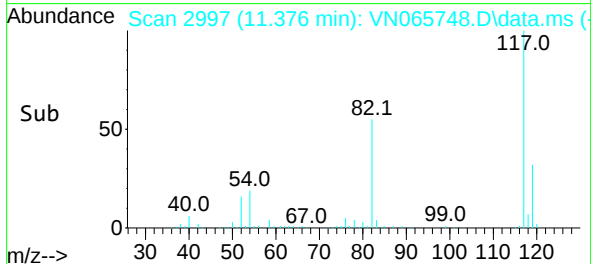
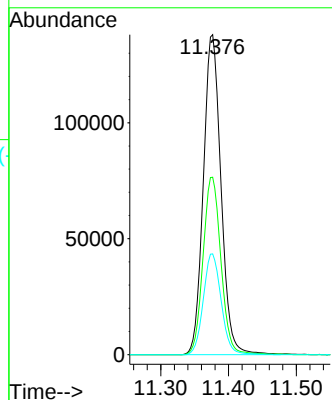
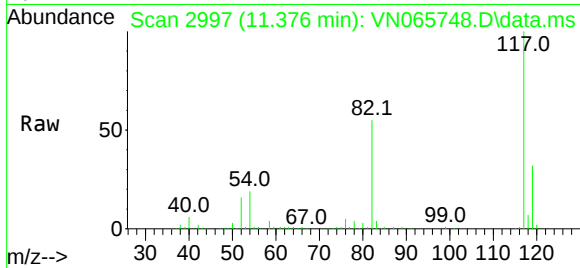




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

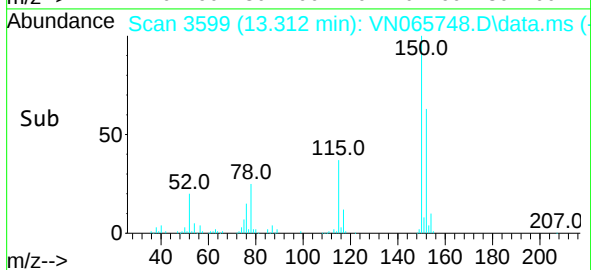
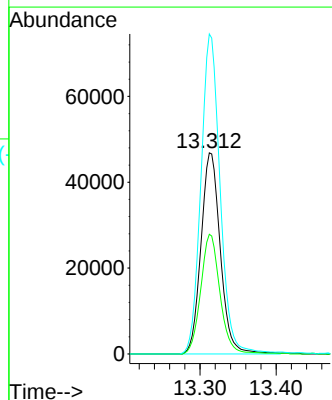
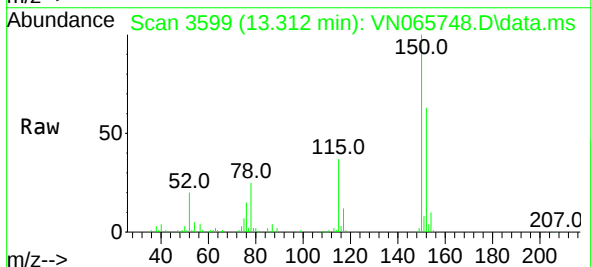
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0208MBL01

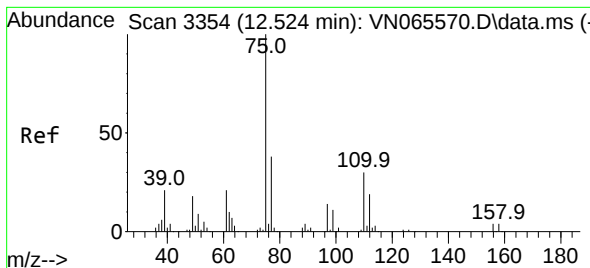
Tgt Ion:117 Resp: 250016  
Ion Ratio Lower Upper  
117 100  
82 55.5 43.7 65.5  
119 31.5 26.1 39.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.312 min Scan# 3599  
Delta R.T. 0.000 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

Tgt Ion:152 Resp: 82817  
Ion Ratio Lower Upper  
152 100  
115 59.0 28.5 85.6  
150 157.8 0.0 347.6

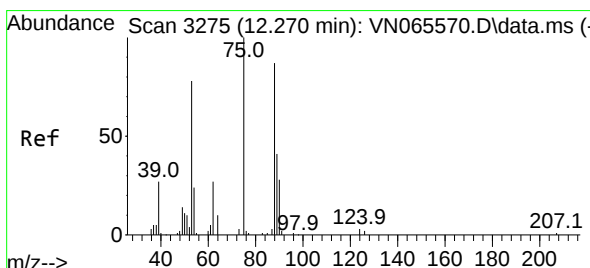
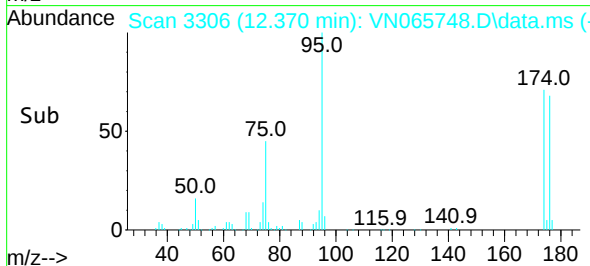
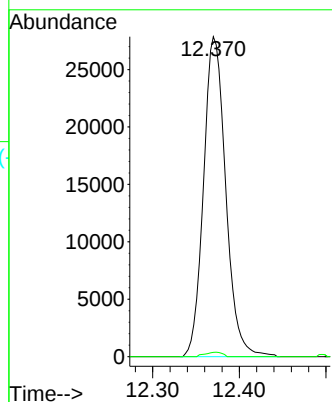
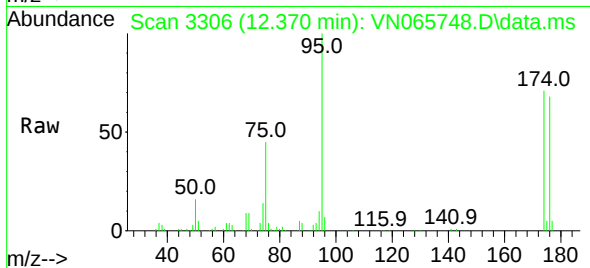




#76  
1,2,3-Trichloropropane  
Concen: 22.90 ug/l  
RT: 12.370 min Scan# 3306  
Delta R.T. -0.154 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

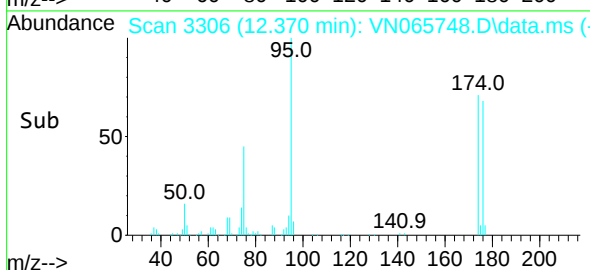
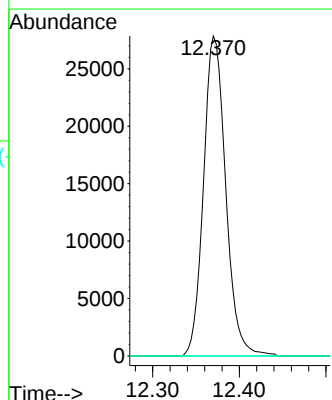
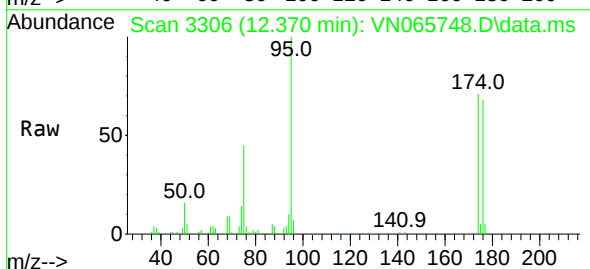
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0208MBL01

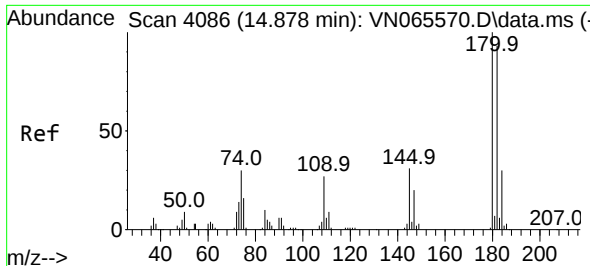
Tgt Ion: 75 Resp: 49601  
Ion Ratio Lower Upper  
75 100  
77 1.1 0.0 0.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 58.67 ug/l  
RT: 12.370 min Scan# 3306  
Delta R.T. 0.100 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

Tgt Ion: 75 Resp: 49601  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.6 111.8#  
89 0.0 35.8 53.8#

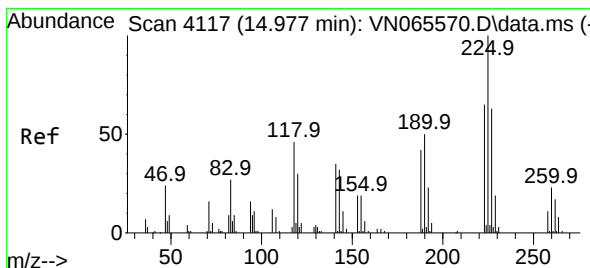
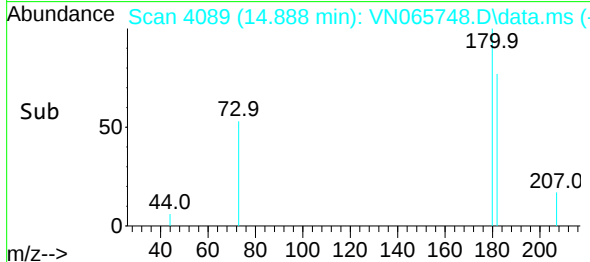
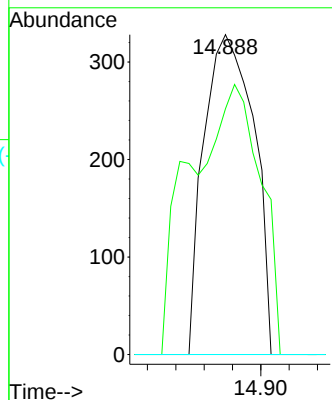
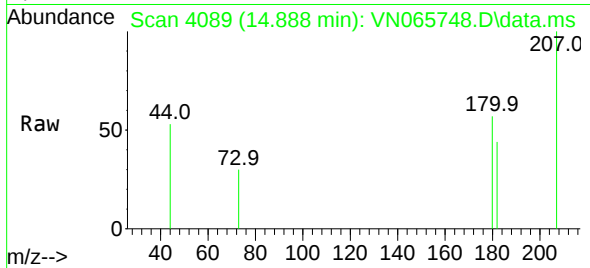




#93  
 1,2,4-Trichlorobenzene  
 Concen: 3.59 ug/l  
 RT: 14.888 min Scan# 4089  
 Delta R.T. 0.010 min  
 Lab File: VN065748.D  
 Acq: 8 Feb 2021 11:07

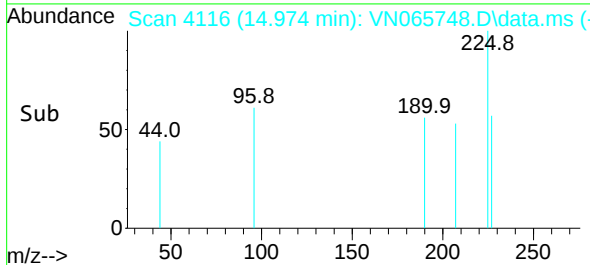
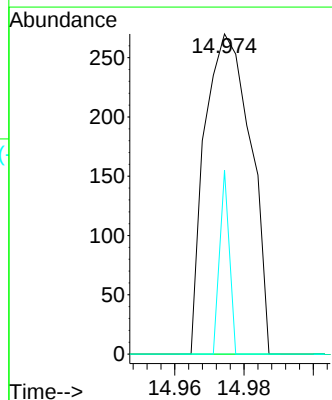
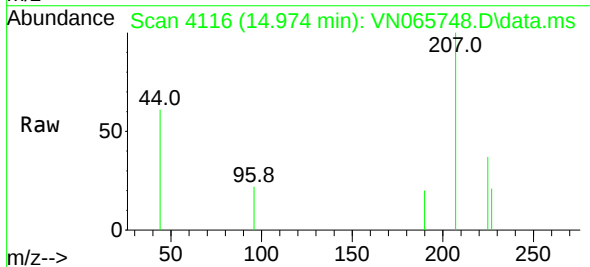
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0208MBL01

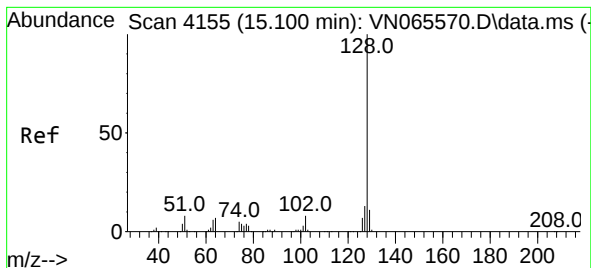
Tgt Ion:180 Resp: 402  
 Ion Ratio Lower Upper  
 180 100  
 182 118.7 47.3 142.0  
 145 0.0 15.6 46.8#



#94  
 Hexachlorobutadiene  
 Concen: 0.58 ug/l  
 RT: 14.974 min Scan# 4116  
 Delta R.T. -0.003 min  
 Lab File: VN065748.D  
 Acq: 8 Feb 2021 11:07

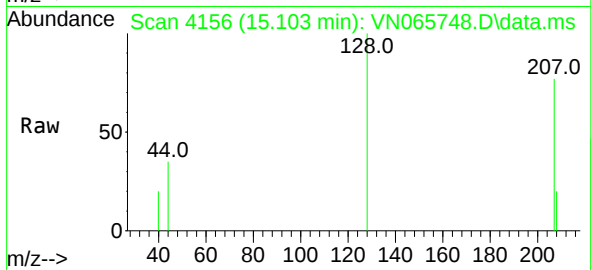
Tgt Ion:225 Resp: 247  
 Ion Ratio Lower Upper  
 225 100  
 223 0.0 31.9 95.9#  
 227 12.1 31.6 95.0#



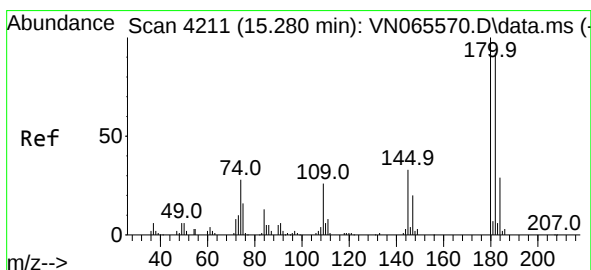
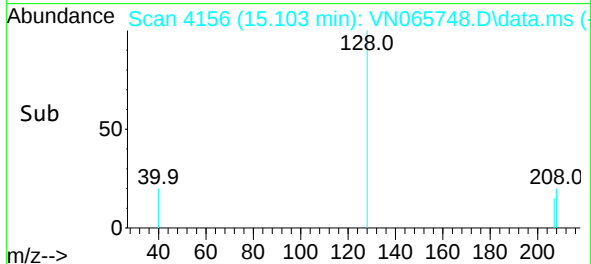
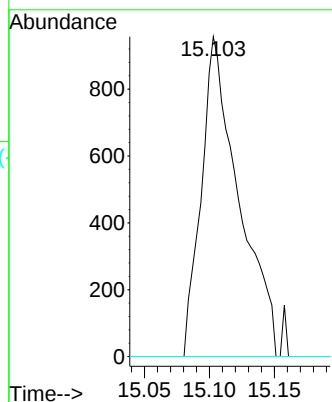


#95  
Naphthalene  
Concen: 3.78 ug/l  
RT: 15.103 min Scan# 4156  
Delta R.T. 0.003 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07

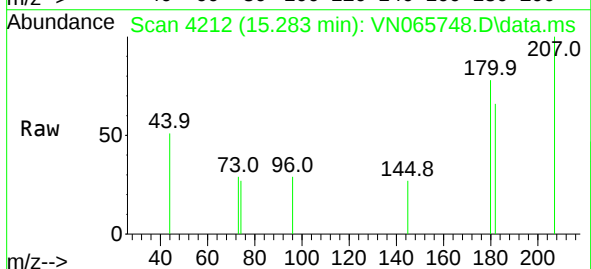
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0208MBL01



Tgt Ion:128 Resp: 1918  
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: 3.27 ug/l  
RT: 15.283 min Scan# 4212  
Delta R.T. 0.003 min  
Lab File: VN065748.D  
Acq: 8 Feb 2021 11:07



Tgt Ion:180 Resp: 748  
Ion Ratio Lower Upper  
180 100  
182 85.7 47.4 142.3  
145 12.2 16.5 49.5#

