

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021621\  
 Data File : VN065893.D  
 Acq On : 16 Feb 2021 23:29  
 Operator : JC/MD  
 Sample : M1425-13 50X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 41061

Quant Time: Feb 17 00:17:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012521W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 15 10:57:01 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.624  | 168  | 140438   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.550  | 114  | 230551   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.376 | 117  | 207536   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.315 | 152  | 77948    | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 7.987  | 65    | 75284    | 40.75    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 81.50%  |
| 35) Dibromofluoromethane    | 7.547  | 113   | 65843    | 48.19    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 96.38%  |
| 50) Toluene-d8              | 10.058 | 98    | 282470   | 52.60    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 105.20% |
| 62) 4-Bromofluorobenzene    | 12.373 | 95    | 91373    | 47.25    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 94.50%  |

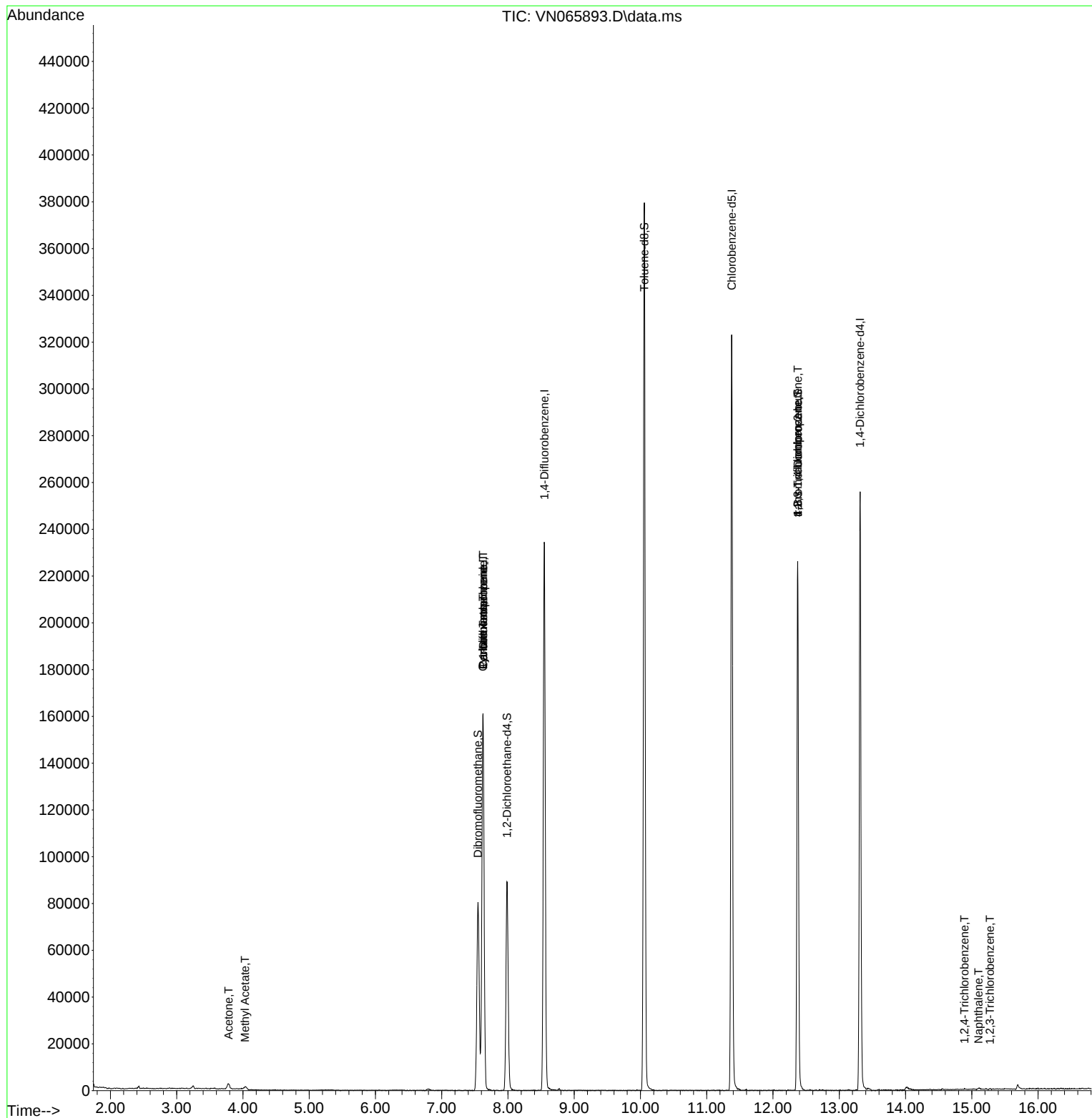
| Target Compounds              |        |     |       |       |        | Qvalue |
|-------------------------------|--------|-----|-------|-------|--------|--------|
| 16) Acetone                   | 3.782  | 43  | 4140  | 5.76  | ug/l   | 93     |
| 18) Methyl Acetate            | 4.033  | 43  | 441   | 0.22  | ug/l # | 51     |
| 31) Cyclohexane               | 7.621  | 56  | 2400  | 0.69  | ug/l # | 1      |
| 36) 1,1-Dichloropropene       | 7.624  | 75  | 9598  | 4.14  | ug/l # | 46     |
| 38) Carbon Tetrachloride      | 7.624  | 117 | 12511 | 6.55  | ug/l # | 17     |
| 76) 1,2,3-Trichloropropane    | 12.373 | 75  | 39865 | 19.56 | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75  | 39865 | 50.10 | ug/l # | 12     |
| 93) 1,2,4-Trichlorobenzene    | 14.891 | 180 | 92    | 3.42  | ug/l # | 46     |
| 95) Naphthalene               | 15.103 | 128 | 663   | 3.57  | ug/l # | 69     |
| 96) 1,2,3-Trichlorobenzene    | 15.276 | 180 | 129   | 2.92  | ug/l # | 12     |

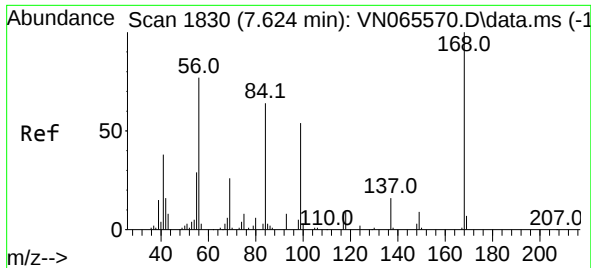
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Mon Feb 15 10:57:01 2021  
Response via : Initial Calibration

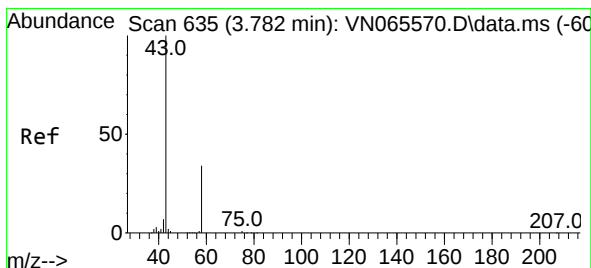
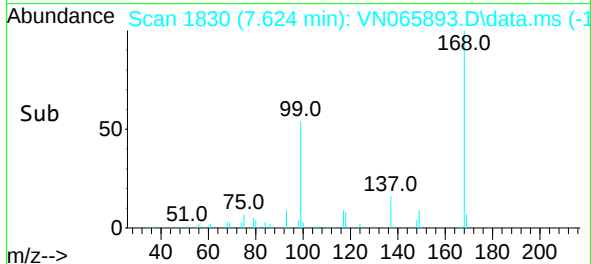
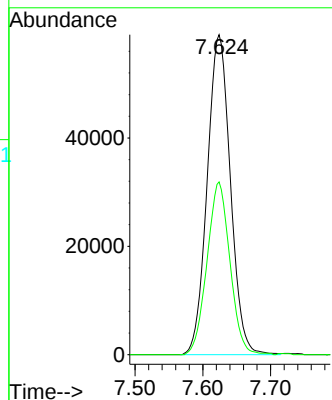
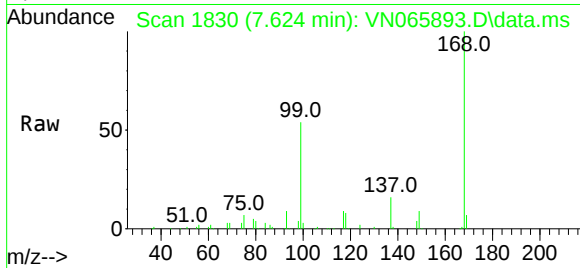




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

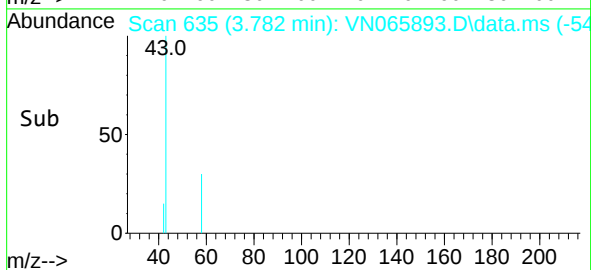
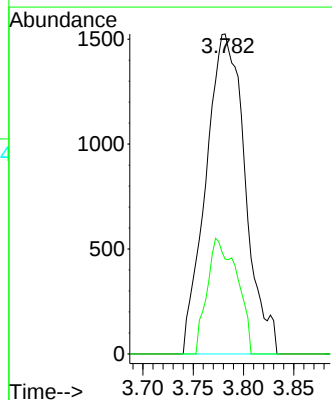
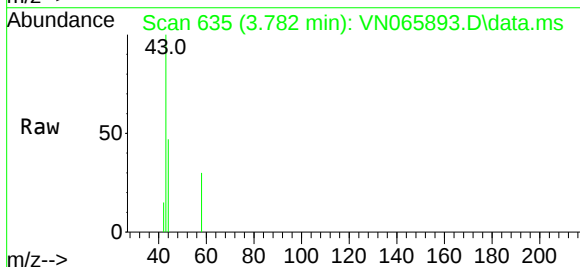
Instrument :  
MSVOA\_N  
ClientSampled :  
41061

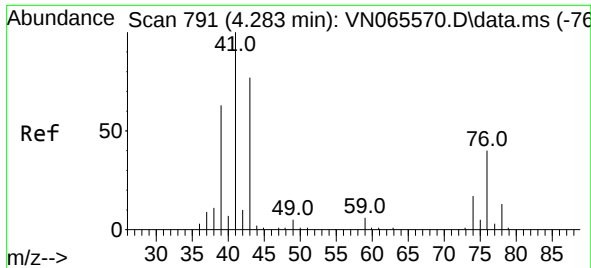
Tgt Ion:168 Resp: 140438  
Ion Ratio Lower Upper  
168 100  
99 54.0 42.6 63.8



#16  
Acetone  
Concen: 5.76 ug/l  
RT: 3.782 min Scan# 635  
Delta R.T. -0.000 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

Tgt Ion: 43 Resp: 4140  
Ion Ratio Lower Upper  
43 100  
58 29.6 27.0 40.6

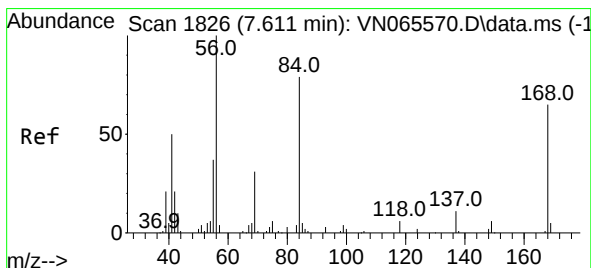
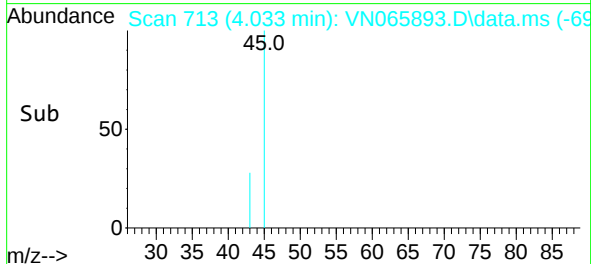
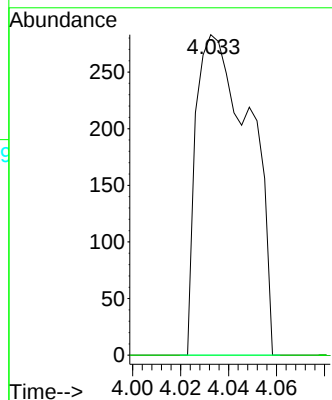
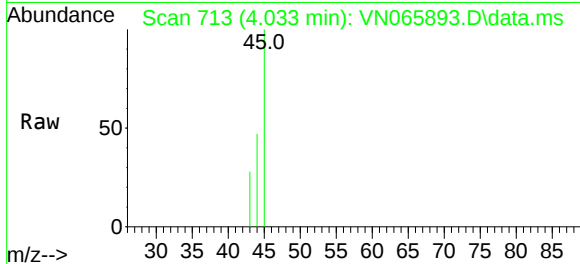




#18  
Methyl Acetate  
Concen: 0.22 ug/l  
RT: 4.033 min Scan# 713  
Delta R.T. -0.250 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

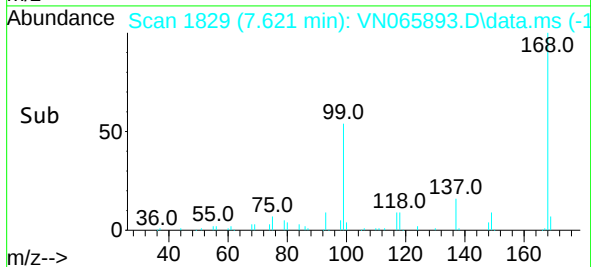
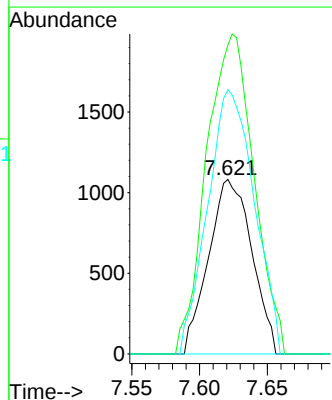
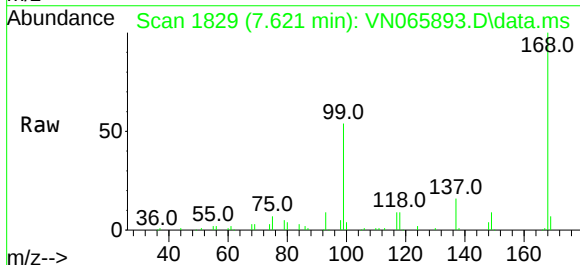
Instrument :  
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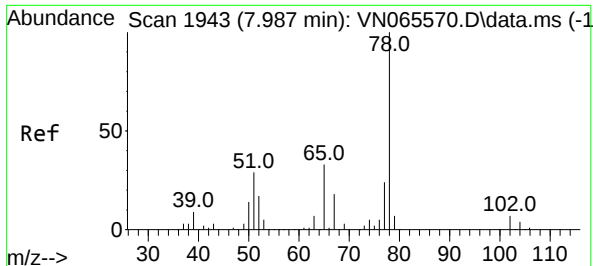
Tgt Ion: 43 Resp: 441  
Ion Ratio Lower Upper  
43 100  
74 0.0 19.5 29.3#



#31  
Cyclohexane  
Concen: 0.69 ug/l  
RT: 7.621 min Scan# 1829  
Delta R.T. 0.010 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

Tgt Ion: 56 Resp: 2400  
Ion Ratio Lower Upper  
56 100  
69 162.8 26.6 39.8#  
84 151.4 70.4 105.6#

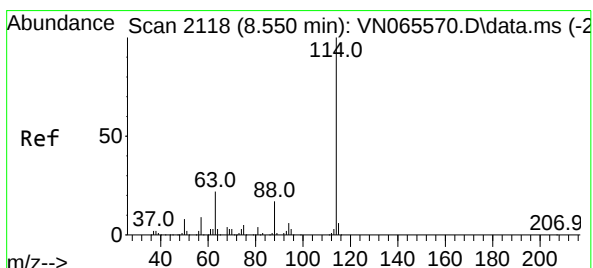
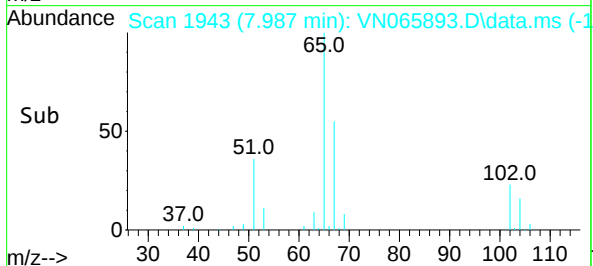
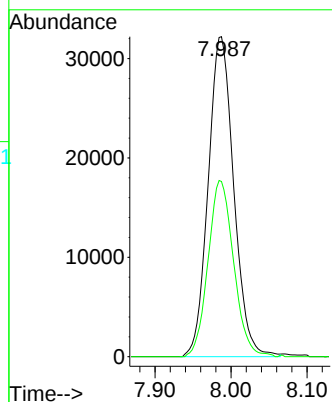
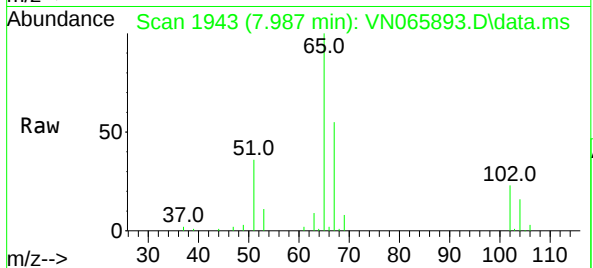




#33  
1,2-Dichloroethane-d4  
Concen: 40.75 ug/l  
RT: 7.987 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

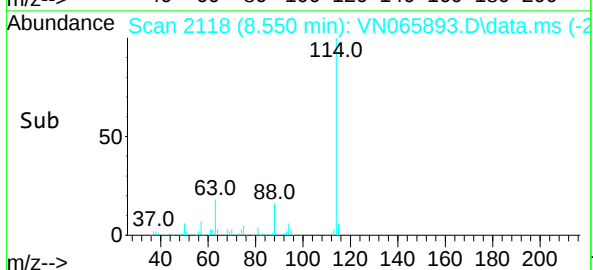
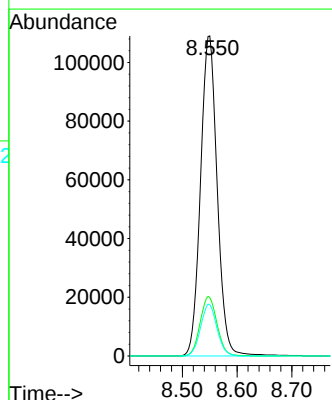
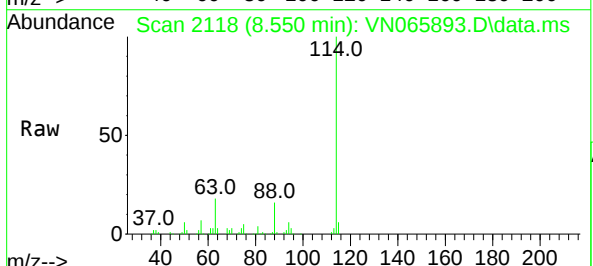
Instrument :  
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ClientSampleId :  
41061

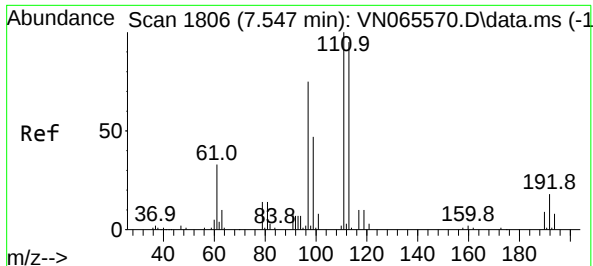
Tgt Ion: 65 Resp: 75284  
Ion Ratio Lower Upper  
65 100  
67 55.0 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.550 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

Tgt Ion: 114 Resp: 230551  
Ion Ratio Lower Upper  
114 100  
63 18.2 0.0 38.6  
88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.19 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN065893.D

Acq: 16 Feb 2021 23:29

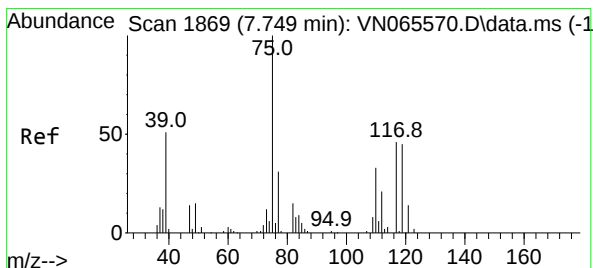
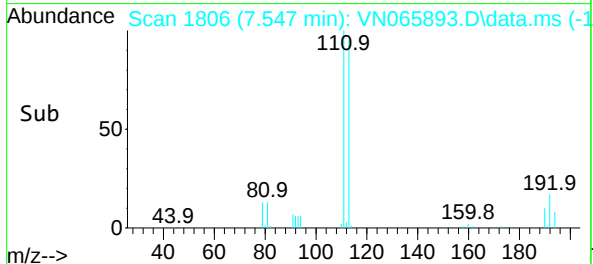
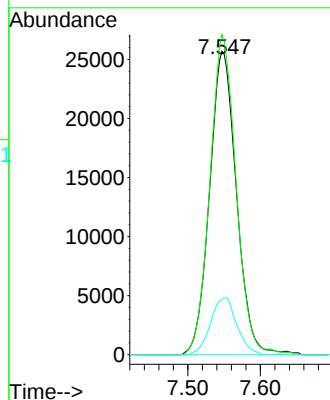
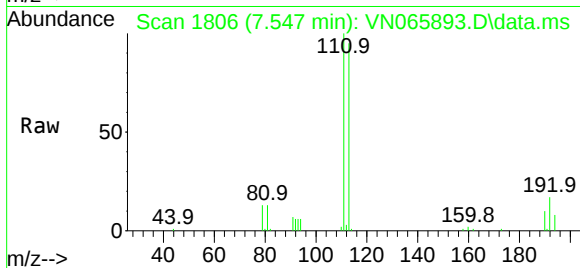
Tgt Ion:113 Resp: 65843

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 18.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.14 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.125 min

Lab File: VN065893.D

Acq: 16 Feb 2021 23:29

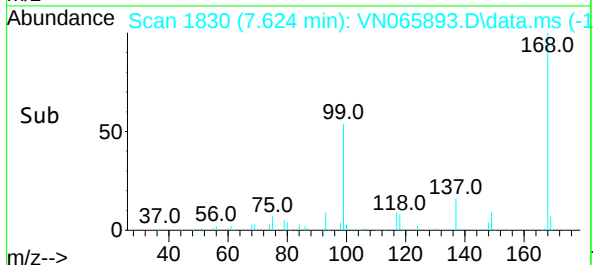
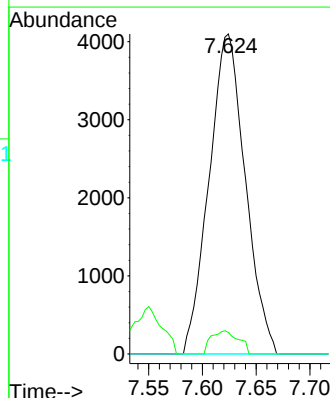
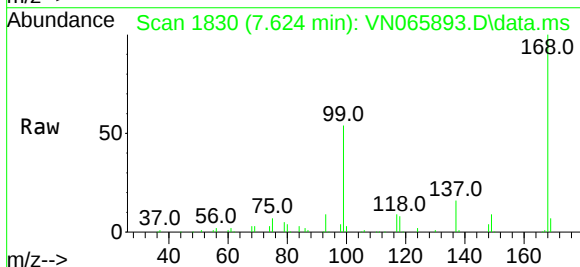
Tgt Ion: 75 Resp: 9598

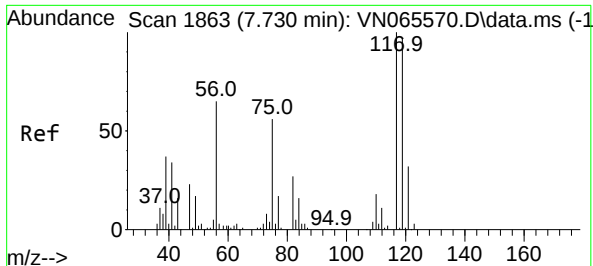
Ion Ratio Lower Upper

75 100

110 5.4 18.2 54.6#

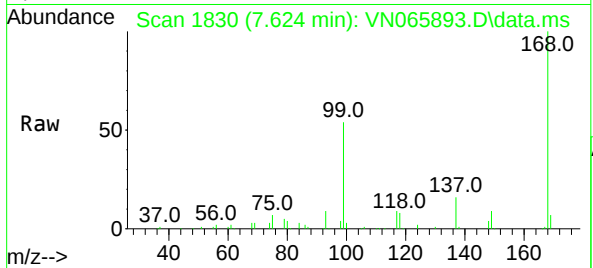
77 0.0 24.9 37.3#



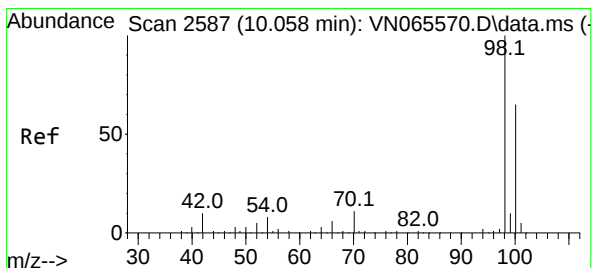
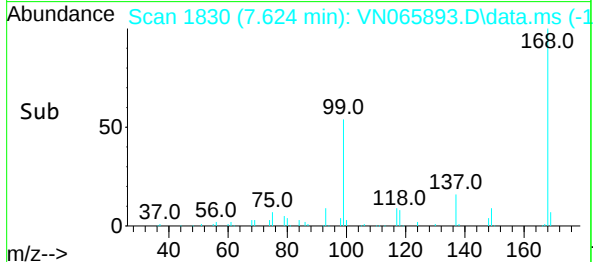
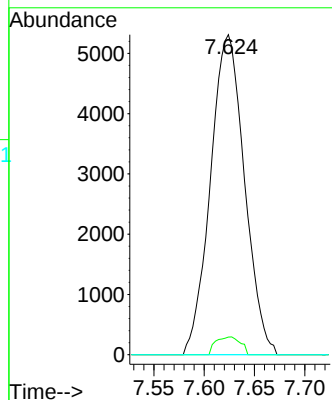


#38  
Carbon Tetrachloride  
Concen: 6.55 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. -0.106 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

Instrument :  
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ClientSampled :  
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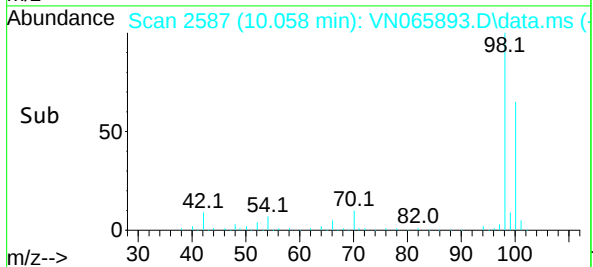
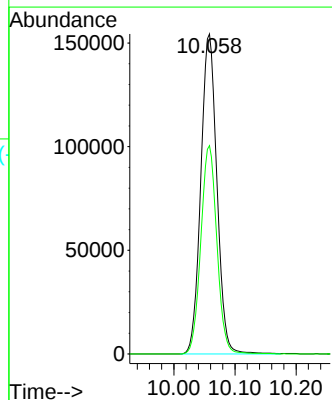
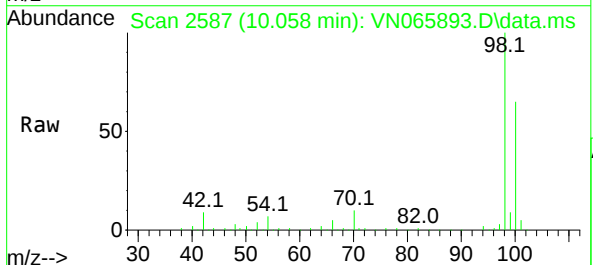


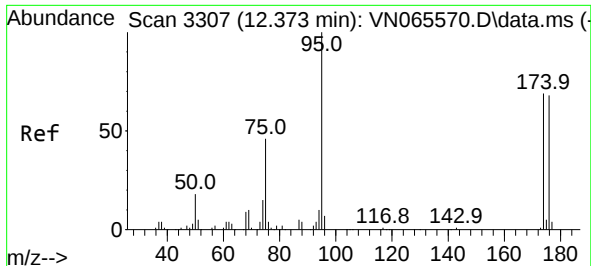
Tgt Ion:117 Resp: 12511  
Ion Ratio Lower Upper  
117 100  
119 5.5 76.0 114.0#  
121 0.0 24.5 36.7#



#50  
Toluene-d8  
Concen: 52.60 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

Tgt Ion: 98 Resp: 282470  
Ion Ratio Lower Upper  
98 100  
100 64.7 50.5 75.7

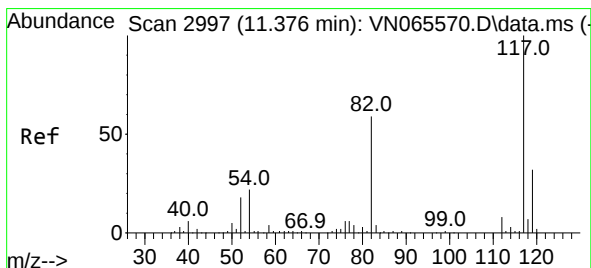
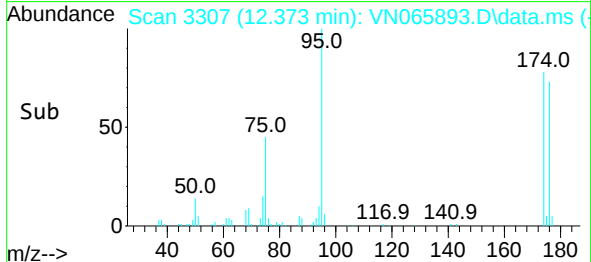
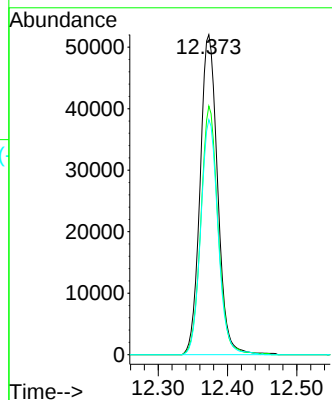
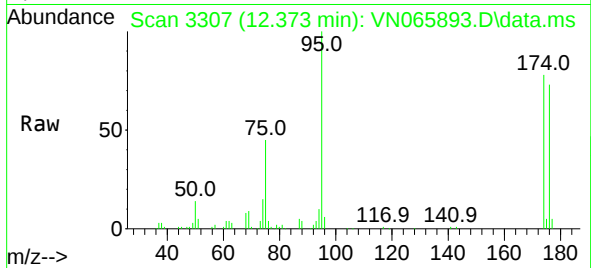




#62  
4-Bromofluorobenzene  
Concen: 47.25 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.000 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

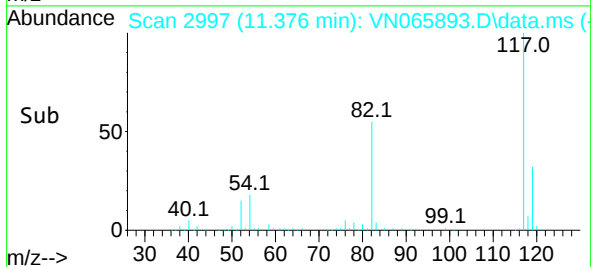
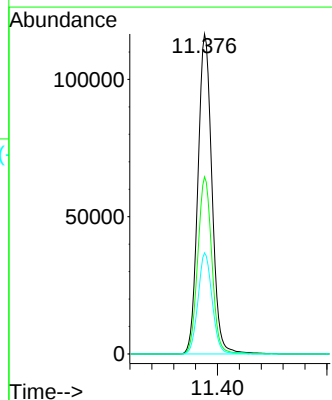
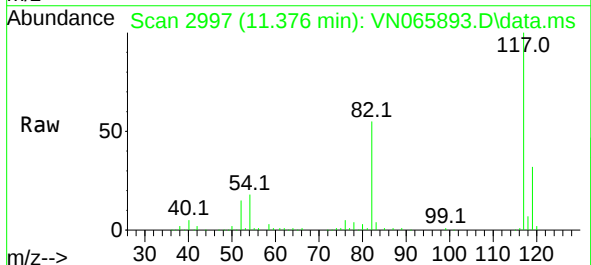
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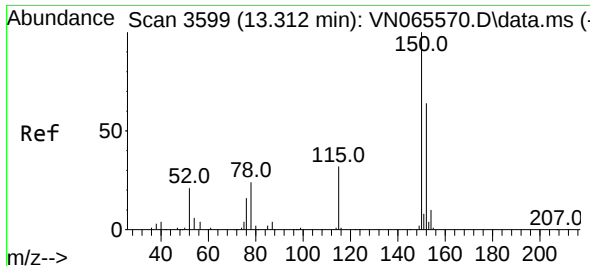
Tgt Ion: 95 Resp: 91373  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 169.0  
176 72.6 0.0 162.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

Tgt Ion: 117 Resp: 207536  
Ion Ratio Lower Upper  
117 100  
82 55.3 43.7 65.5  
119 31.6 26.1 39.1

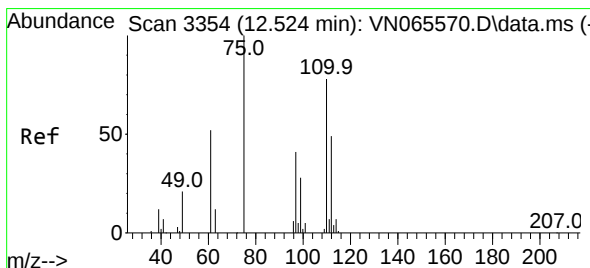
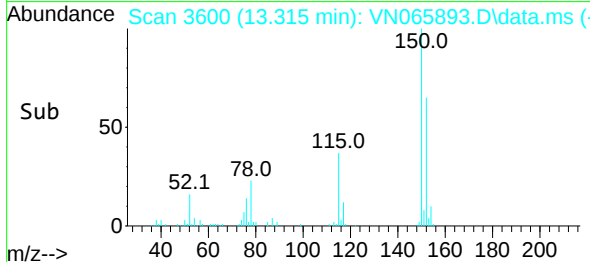
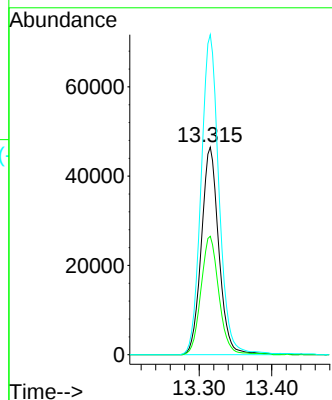
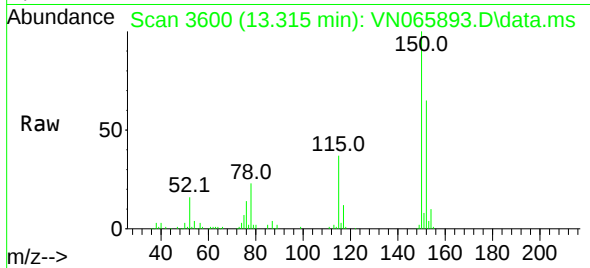




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.315 min Scan# 3600  
Delta R.T. 0.003 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

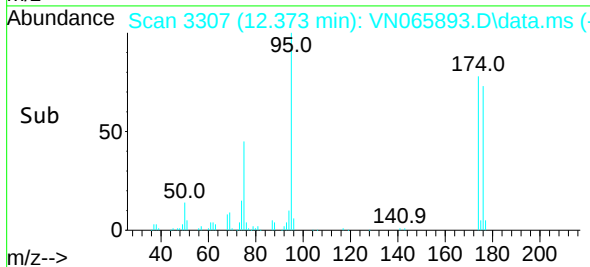
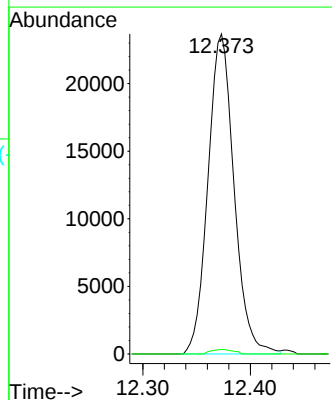
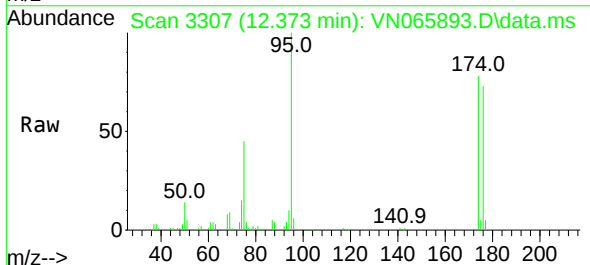
Instrument :  
MSVOA\_N  
ClientSampled :  
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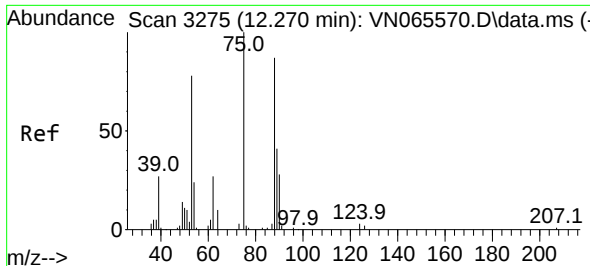
Tgt Ion:152 Resp: 77948  
Ion Ratio Lower Upper  
152 100  
115 58.2 28.5 85.6  
150 157.8 0.0 347.6



#76  
1,2,3-Trichloropropane  
Concen: 19.56 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. -0.151 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

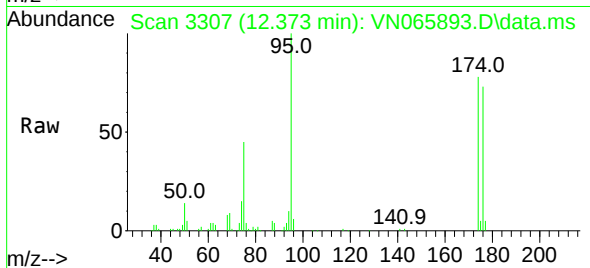
Tgt Ion: 75 Resp: 39865  
Ion Ratio Lower Upper  
75 100  
77 1.2 0.0 0.0#



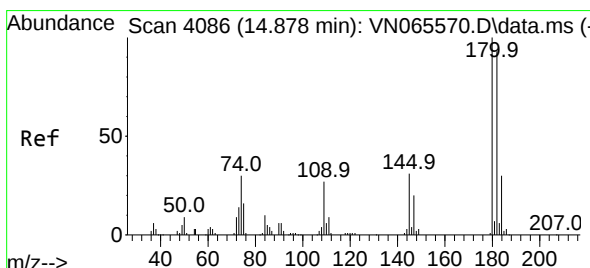
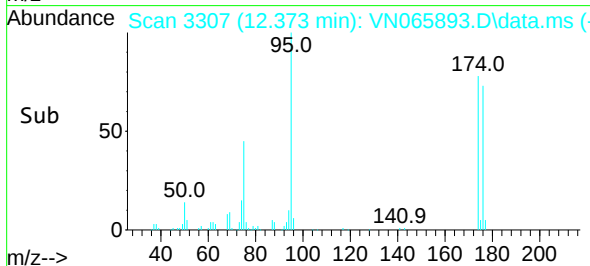
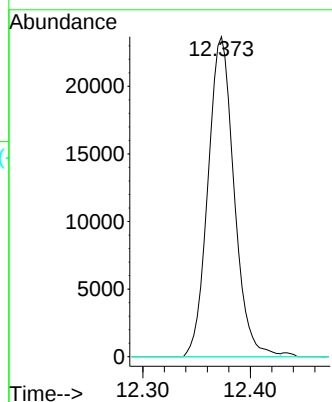


#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.10 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.103 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

Instrument :  
MSVOA\_N  
ClientSampled :  
41061

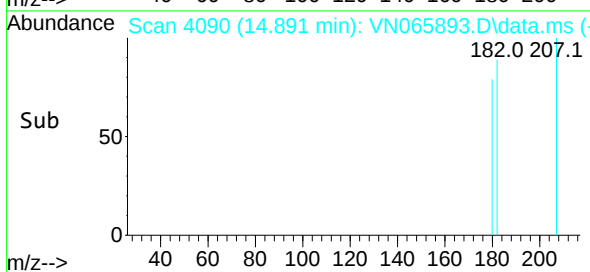
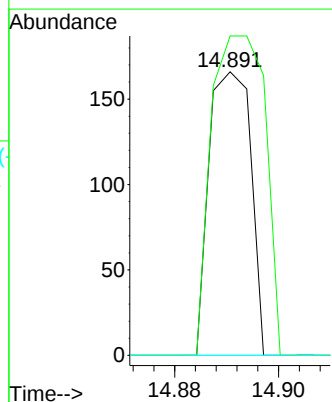
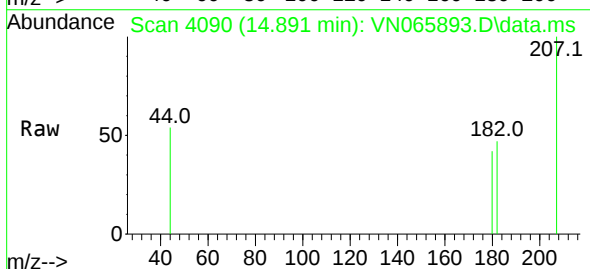


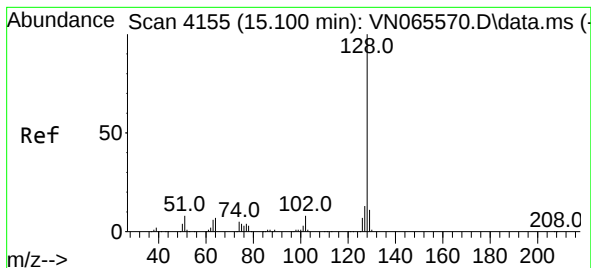
Tgt Ion: 75 Resp: 39865  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.6 111.8#  
89 0.0 35.8 53.8#



#93  
1,2,4-Trichlorobenzene  
Concen: 3.42 ug/l  
RT: 14.891 min Scan# 4090  
Delta R.T. 0.013 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

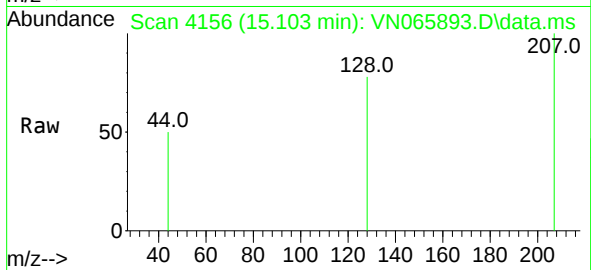
Tgt Ion: 180 Resp: 92  
Ion Ratio Lower Upper  
180 100  
182 145.7 47.3 142.0#  
145 0.0 15.6 46.8#



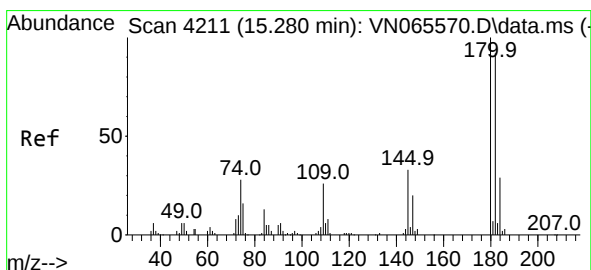
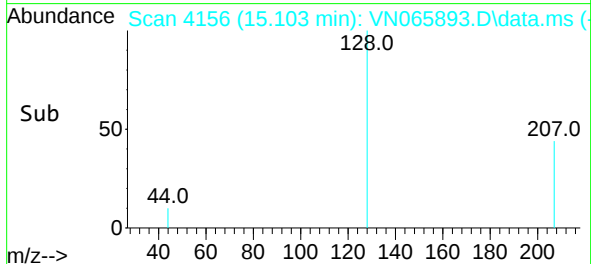
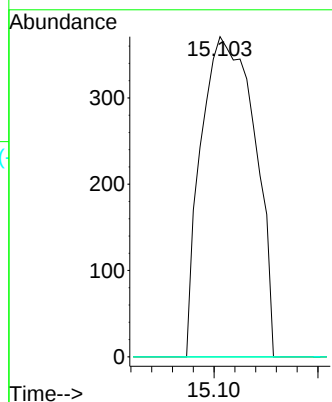


#95  
Naphthalene  
Concen: 3.57 ug/l  
RT: 15.103 min Scan# 4156  
Delta R.T. 0.003 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

Instrument :  
MSVOA\_N  
ClientSampled :  
41061



Tgt Ion:128 Resp: 663  
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: 2.92 ug/l  
RT: 15.276 min Scan# 4210  
Delta R.T. -0.004 min  
Lab File: VN065893.D  
Acq: 16 Feb 2021 23:29

Tgt Ion:180 Resp: 129  
Ion Ratio Lower Upper  
180 100  
182 0.0 47.4 142.3#  
145 0.0 16.5 49.5#

