

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012721\  
 Data File : VN065635.D  
 Acq On : 27 Jan 2021 17:26  
 Operator : JC/MD  
 Sample : M1213-02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IDW-BR2-SO-012121

Quant Time: Jan 28 02:17:07 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

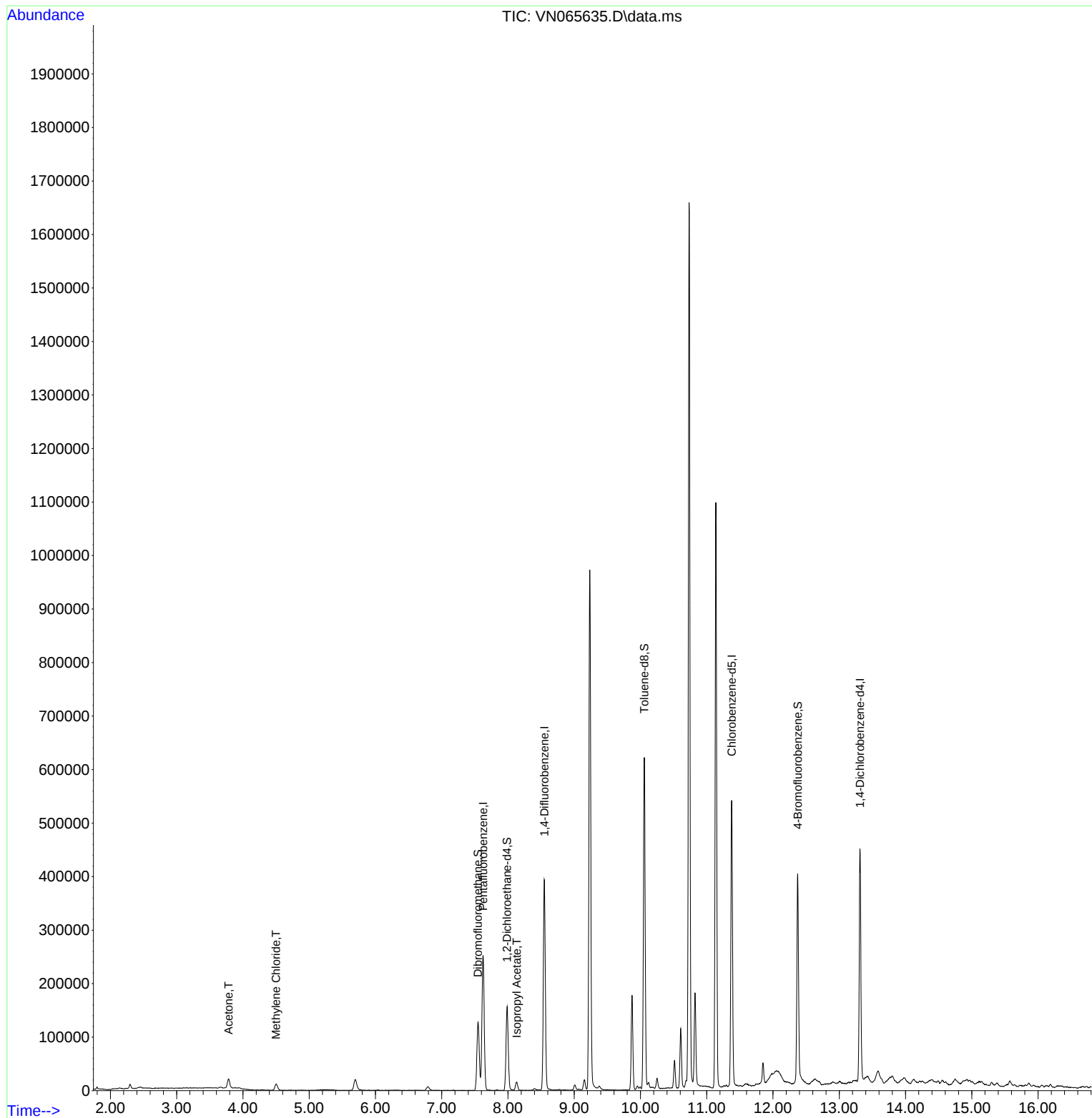
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.624  | 168   | 206932   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.550  | 114   | 358615   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.376 | 117   | 318822   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.315 | 152   | 122725   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.987  | 65    | 131872   | 48.44    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 96.88%   |
| 35) Dibromofluoromethane    | 7.547  | 113   | 105738   | 49.76    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 99.52%   |
| 50) Toluene-d8              | 10.058 | 98    | 447314   | 53.55    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 107.10%  |
| 62) 4-Bromofluorobenzene    | 12.373 | 95    | 151878   | 50.49    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 100.98%  |
| Target Compounds            |        |       |          |          |        |          |
| 16) Acetone                 | 3.782  | 43    | 27131    | 25.60    | ug/l   | 93       |
| 20) Methylene Chloride      | 4.499  | 84    | 8520     | 2.90     | ug/l   | 98       |
| 43) Isopropyl Acetate       | 8.132  | 43    | 20293    | 3.31     | ug/l # | 89       |
| -----                       |        |       |          |          |        |          |

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

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Sample : M1213-02  
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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
IDW-BR2-SO-012121

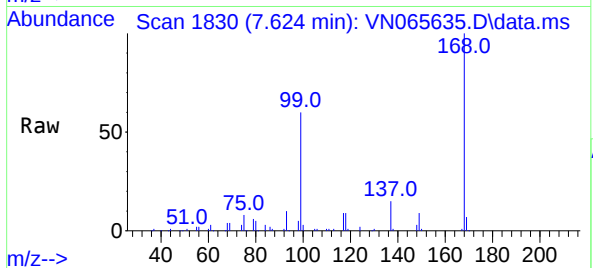
Quant Time: Jan 28 02:17:07 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012521W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jan 25 13:47:28 2021  
Response via : Initial Calibration



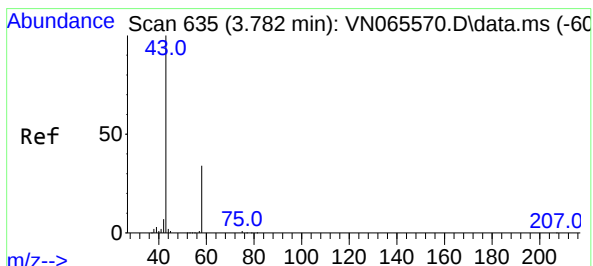
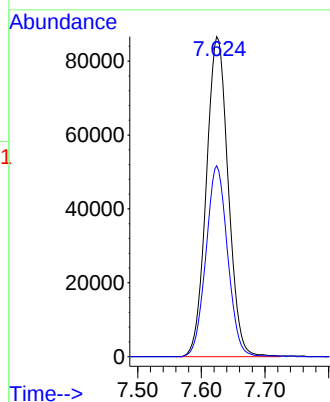
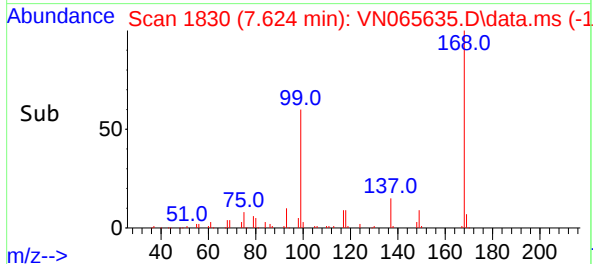


#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: VN065635.D  
Acq: 27 Jan 2021 17:26

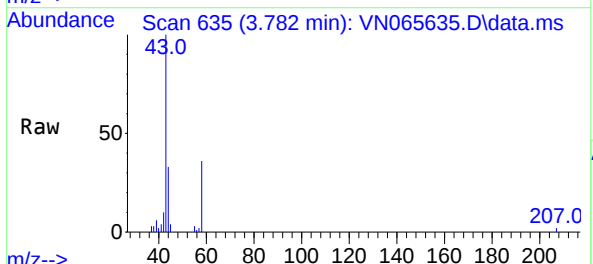
Instrument :  
MSVOA\_N  
ClientSampleId :  
IDW-BR2-SO-012121



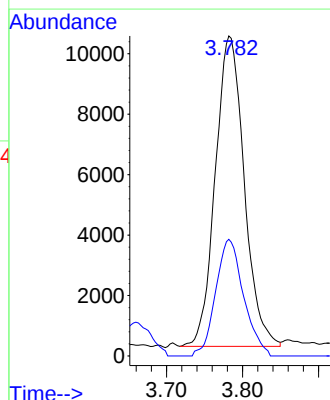
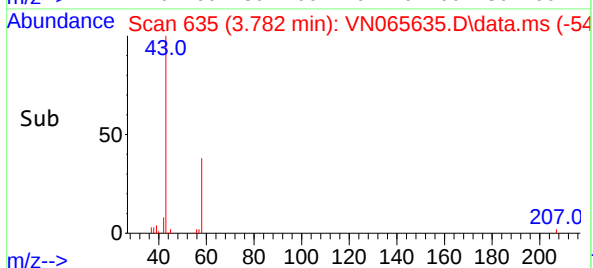
Tgt Ion:168 Resp: 206932  
Ion Ratio Lower Upper  
168 100  
99 59.7 42.6 63.8

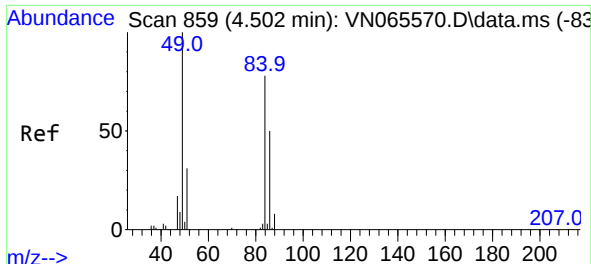


#16  
Acetone  
Concen: 25.60 ug/l  
RT: 3.782 min Scan# 635  
Delta R.T. -0.000 min  
Lab File: VN065635.D  
Acq: 27 Jan 2021 17:26



Tgt Ion: 43 Resp: 27131  
Ion Ratio Lower Upper  
43 100  
58 37.6 27.0 40.6





#20

Methylene Chloride

Concen: 2.90 ug/l

RT: 4.499 min Scan# 858

Delta R.T. -0.003 min

Lab File: VN065635.D

Acq: 27 Jan 2021 17:26

Instrument :

MSVOA\_N

ClientSampleId :

IDW-BR2-SO-012121

Tgt Ion: 84 Resp: 8520

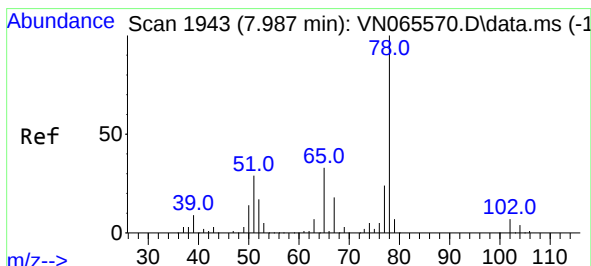
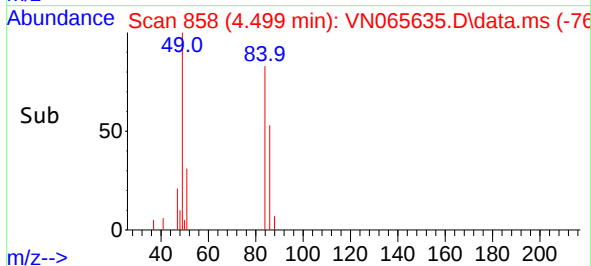
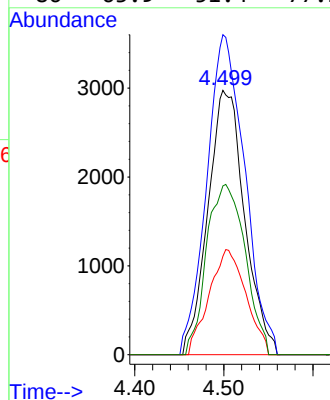
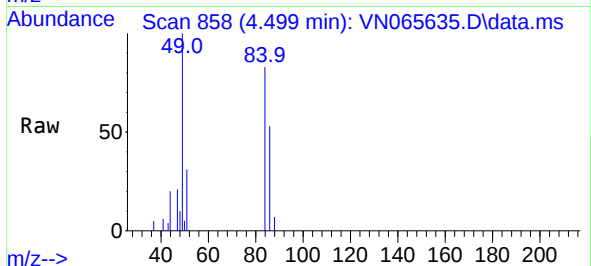
Ion Ratio Lower Upper

84 100

49 121.0 94.6 141.8

51 37.2 29.9 44.9

86 63.9 51.4 77.2



#33

1,2-Dichloroethane-d4

Concen: 48.44 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065635.D

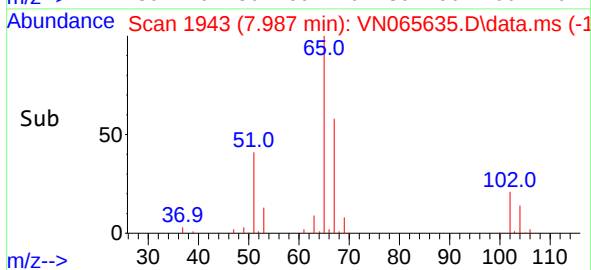
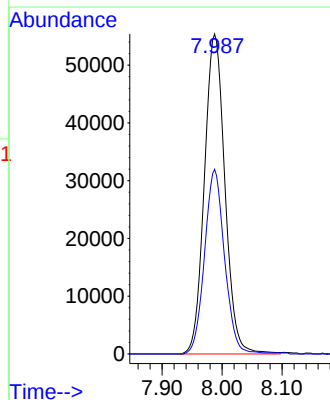
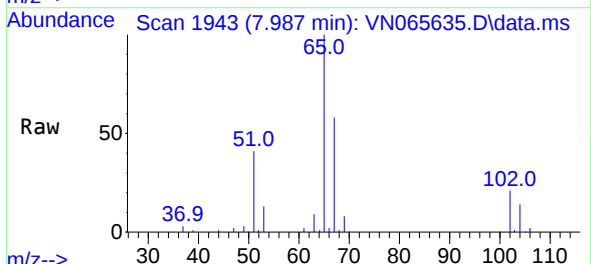
Acq: 27 Jan 2021 17:26

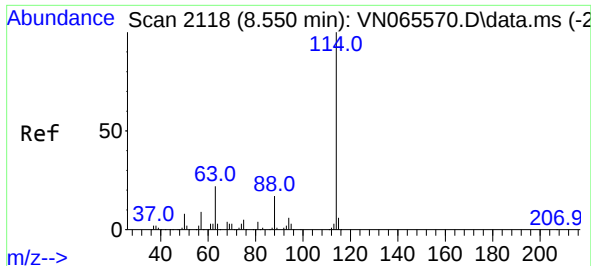
Tgt Ion: 65 Resp: 131872

Ion Ratio Lower Upper

65 100

67 56.3 0.0 107.2



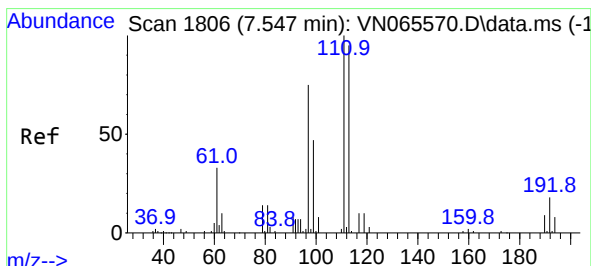
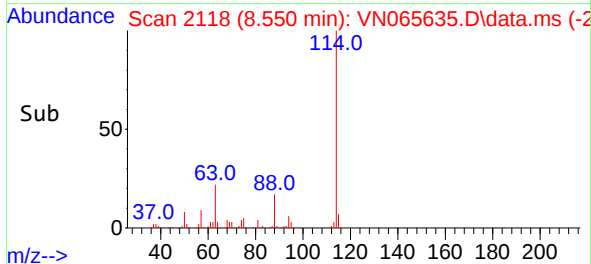
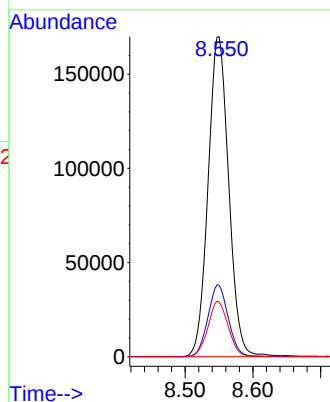
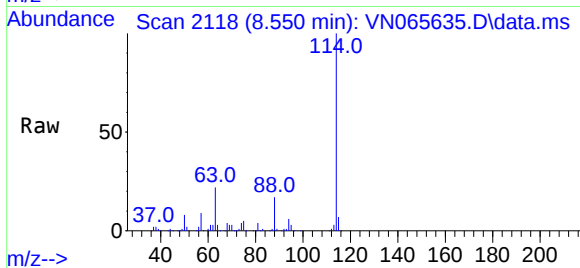


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.550 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: VN065635.D  
Acq: 27 Jan 2021 17:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
IDW-BR2-SO-012121

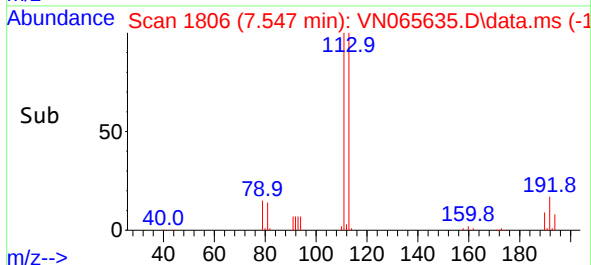
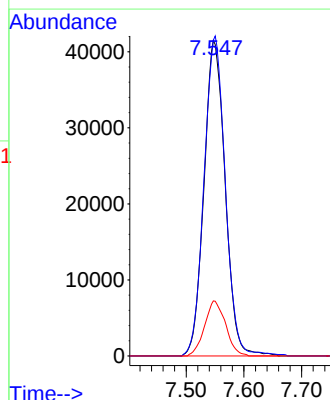
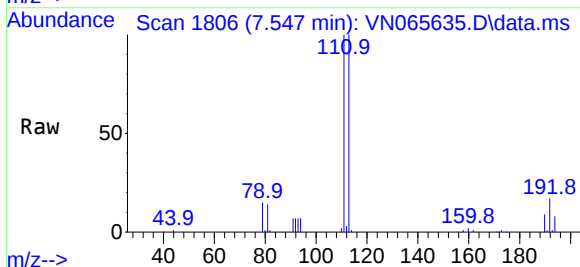
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 358615 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 22.3  | 0.0   | 38.6   |
| 88       | 17.1  | 0.0   | 30.6   |

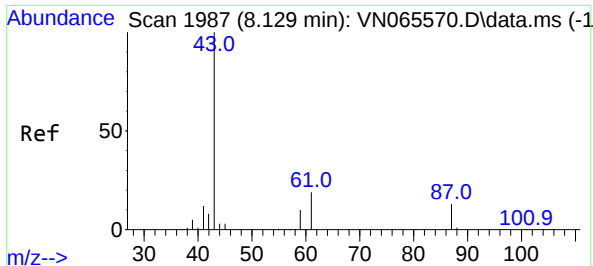


#35

Dibromofluoromethane  
Concen: 49.76 ug/l  
RT: 7.547 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN065635.D  
Acq: 27 Jan 2021 17:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 105738 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 101.7 | 82.2  | 123.2  |
| 192      | 17.3  | 15.4  | 23.0   |

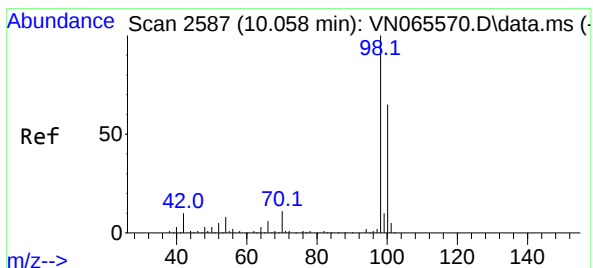
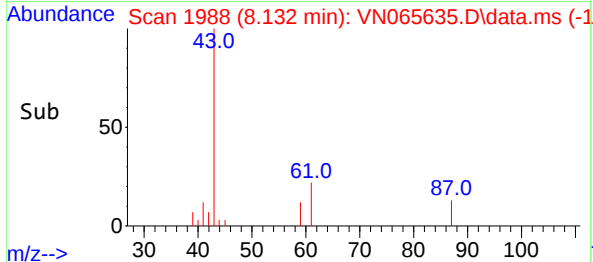
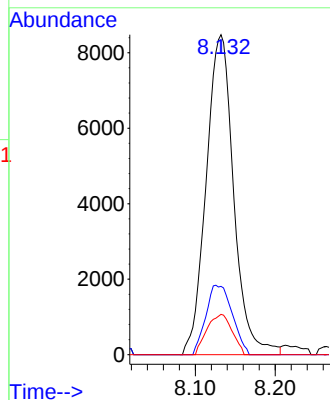
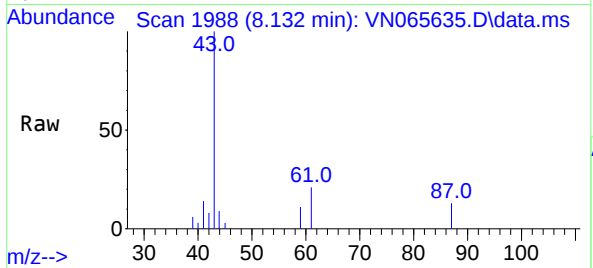




#43  
Isopropyl Acetate  
Concen: 3.31 ug/l  
RT: 8.132 min Scan# 1988  
Delta R.T. 0.003 min  
Lab File: VN065635.D  
Acq: 27 Jan 2021 17:26

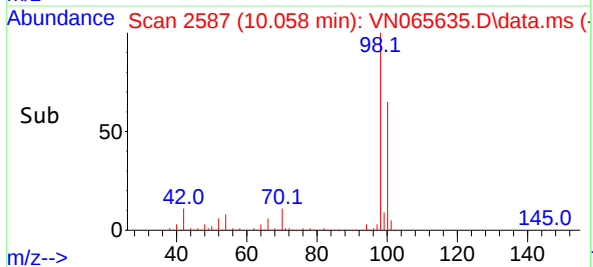
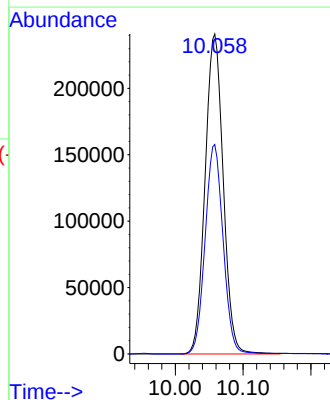
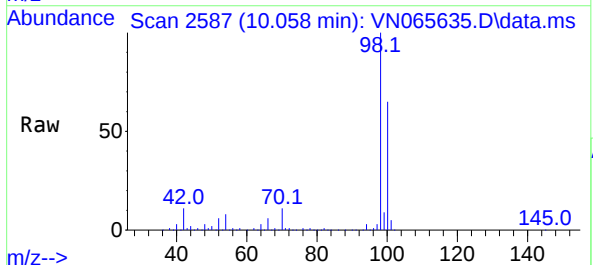
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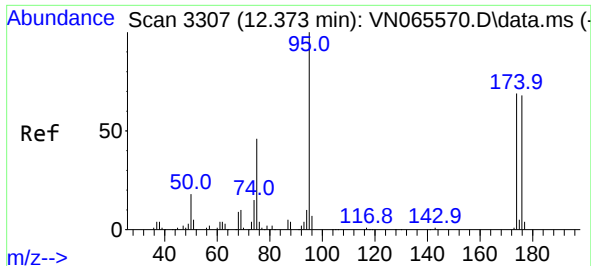
Tgt Ion: 43 Resp: 20293  
Ion Ratio Lower Upper  
43 100  
61 20.8 22.5 33.7#  
87 11.5 11.1 16.7



#50  
Toluene-d8  
Concen: 53.55 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN065635.D  
Acq: 27 Jan 2021 17:26

Tgt Ion: 98 Resp: 447314  
Ion Ratio Lower Upper  
98 100  
100 64.9 50.5 75.7

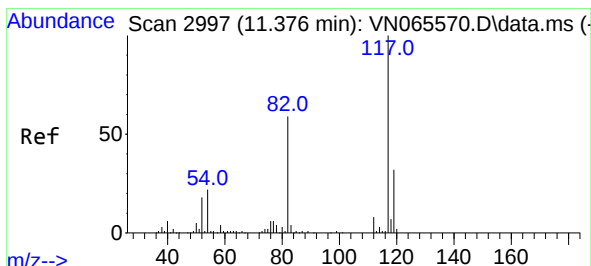
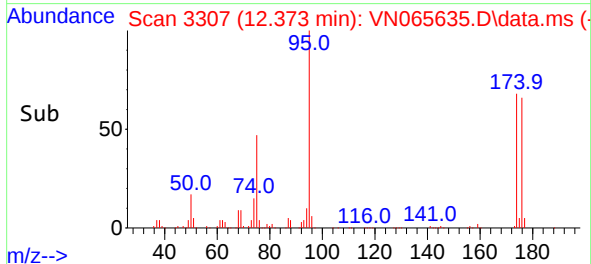
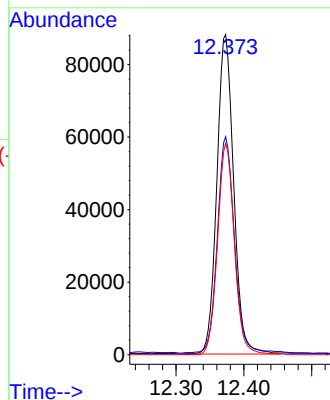
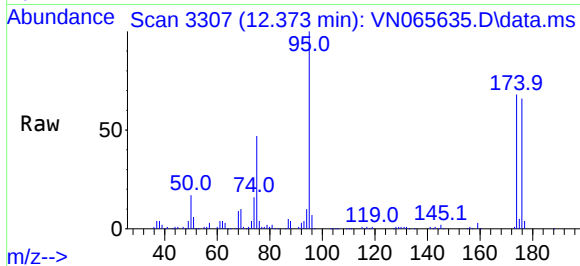




#62  
4-Bromofluorobenzene  
Concen: 50.49 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.000 min  
Lab File: VN065635.D  
Acq: 27 Jan 2021 17:26

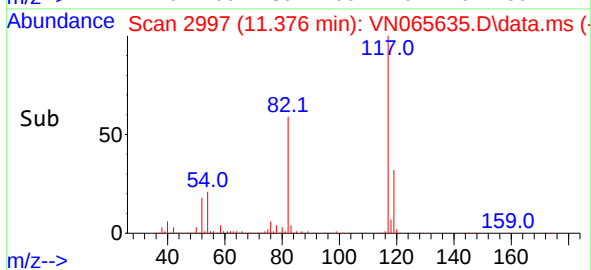
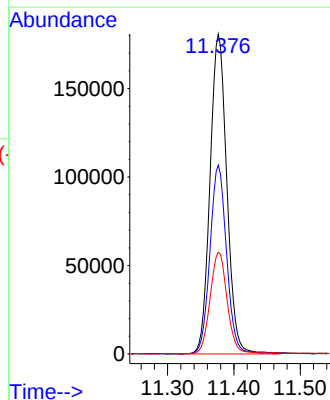
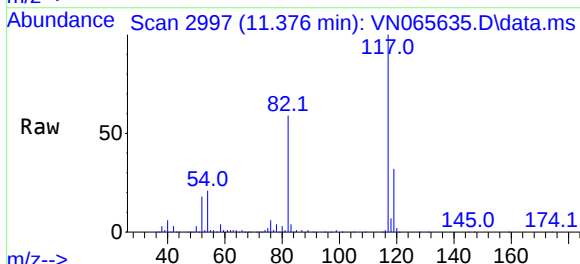
Instrument :  
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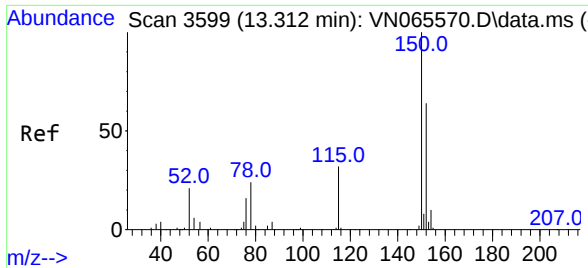
Tgt Ion: 95 Resp: 151878  
Ion Ratio Lower Upper  
95 100  
174 68.4 0.0 169.0  
176 66.1 0.0 162.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065635.D  
Acq: 27 Jan 2021 17:26

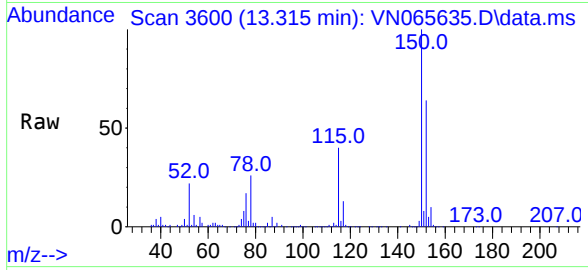
Tgt Ion: 117 Resp: 318822  
Ion Ratio Lower Upper  
117 100  
82 59.0 43.7 65.5  
119 31.7 26.1 39.1





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.315 min Scan# 3600  
 Delta R.T. 0.003 min  
 Lab File: VN065635.D  
 Acq: 27 Jan 2021 17:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IDW-BR2-SO-012121



Tgt Ion:152 Resp: 122725  
 Ion Ratio Lower Upper  
 152 100  
 115 61.4 28.5 85.6  
 150 157.7 0.0 347.6

