

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041921\  
 Data File : VN066658.D  
 Acq On : 19 Apr 2021 13:31  
 Operator : JC/MD  
 Sample : M2075-05  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-1-D

Quant Time: Apr 20 04:55:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041521W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 15 19:16:35 2021  
 Response via : Initial Calibration

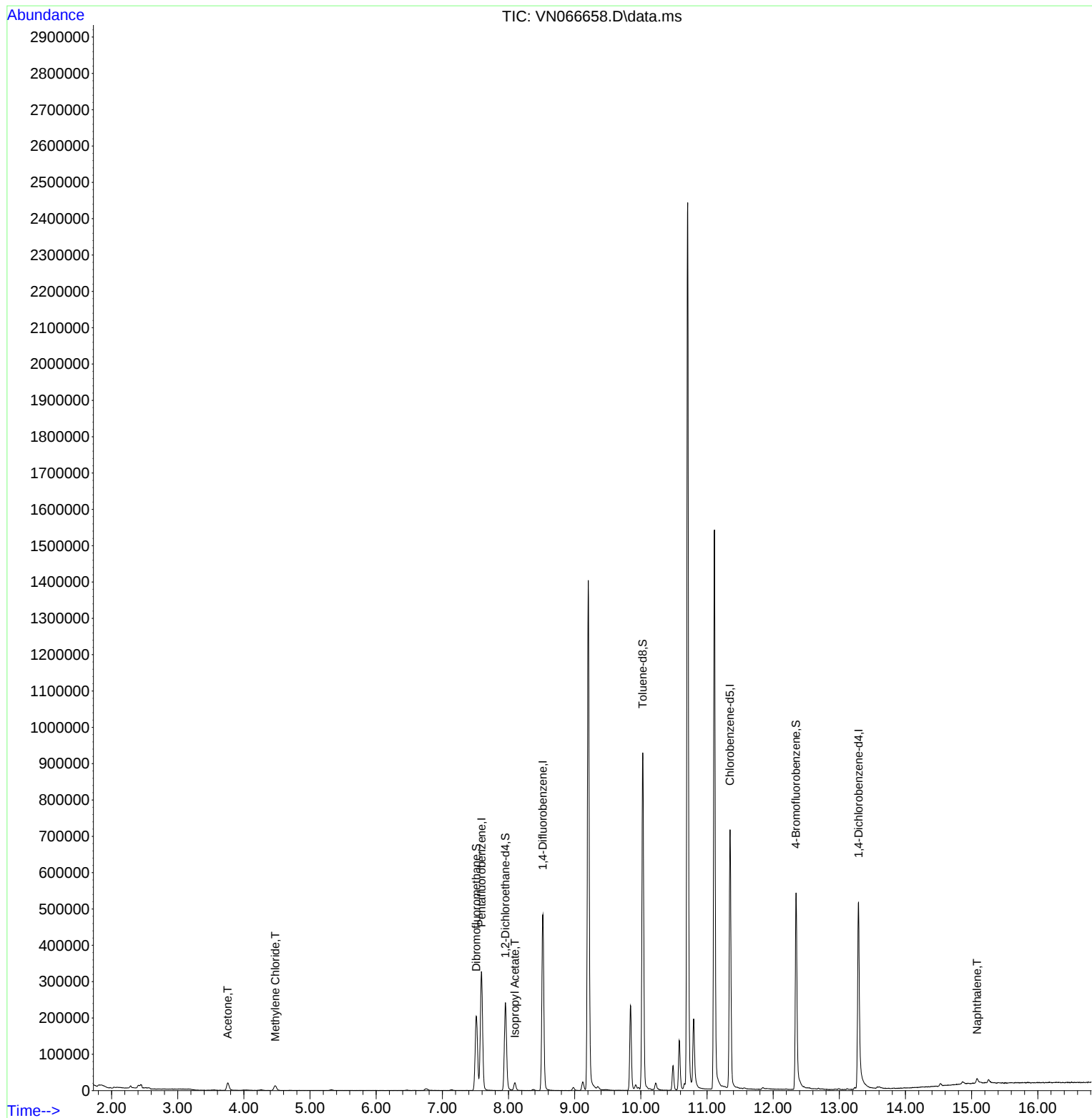
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.591  | 168   | 280471   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.519  | 114   | 443913   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.348 | 117   | 427470   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.290 | 152   | 178224   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.953  | 65    | 208042   | 49.17    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 98.34%   |
| 35) Dibromofluoromethane    | 7.513  | 113   | 162634   | 52.83    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 105.66%  |
| 50) Toluene-d8              | 10.029 | 98    | 651140   | 53.97    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 107.94%  |
| 62) 4-Bromofluorobenzene    | 12.346 | 95    | 212012   | 49.97    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 99.94%   |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 3.756  | 43    | 35862    | 15.75    | ug/l   | 97       |
| 20) Methylene Chloride      | 4.474  | 84    | 9878     | 2.47     | ug/l   | 97       |
| 43) Isopropyl Acetate       | 8.095  | 43    | 26902    | 3.17     | ug/l # | 86       |
| 95) Naphthalene             | 15.082 | 128   | 17625    | 1.94     | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

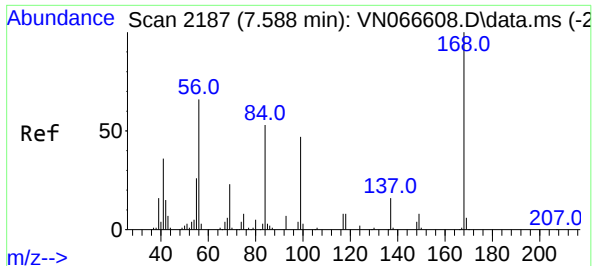
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041921\  
Data File : VN066658.D  
Acq On : 19 Apr 2021 13:31  
Operator : JC/MD  
Sample : M2075-05  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-1-D

Quant Time: Apr 20 04:55:35 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041521W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 15 19:16:35 2021  
Response via : Initial Calibration

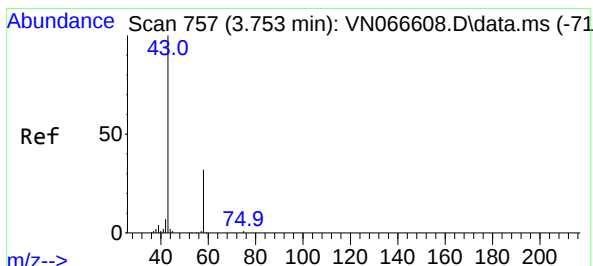
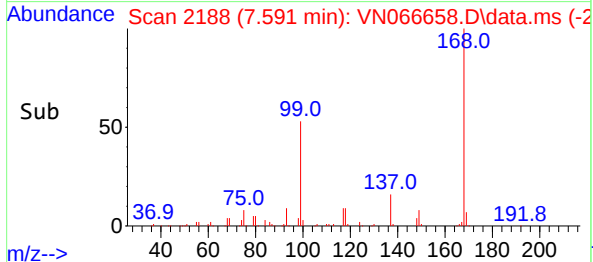
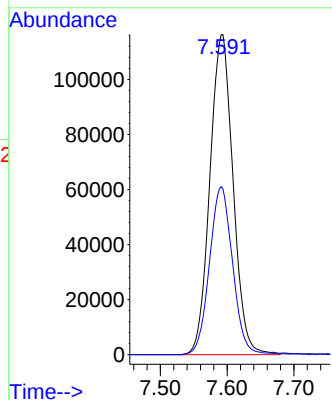
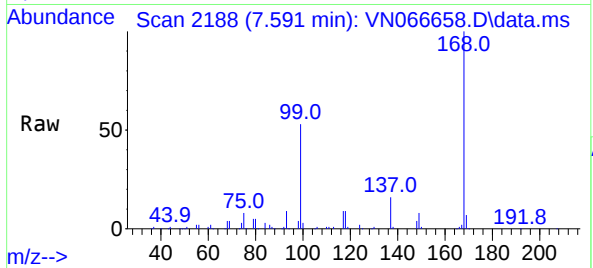




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.591 min Scan# 2188  
Delta R.T. 0.003 min  
Lab File: VN066658.D  
Acq: 19 Apr 2021 13:31

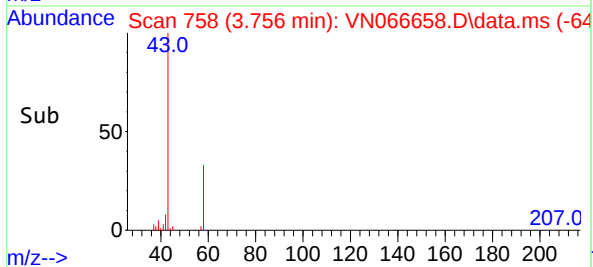
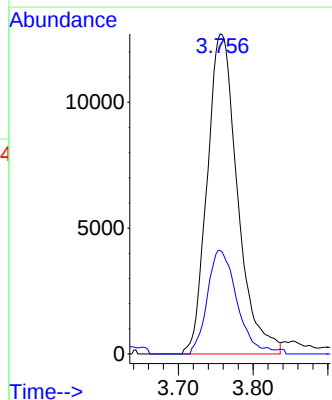
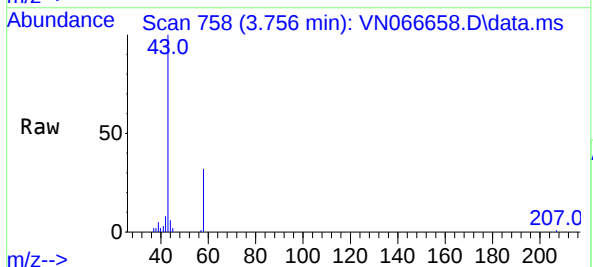
Instrument :  
MSVOA\_N  
ClientSampled :  
TP-1-D

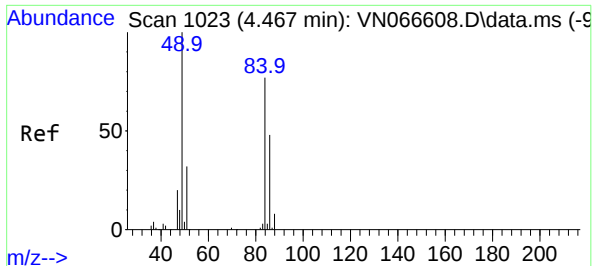
Tgt Ion:168 Resp: 280471  
Ion Ratio Lower Upper  
168 100  
99 52.6 42.6 63.8



#16  
Acetone  
Concen: 15.75 ug/l  
RT: 3.756 min Scan# 758  
Delta R.T. 0.003 min  
Lab File: VN066658.D  
Acq: 19 Apr 2021 13:31

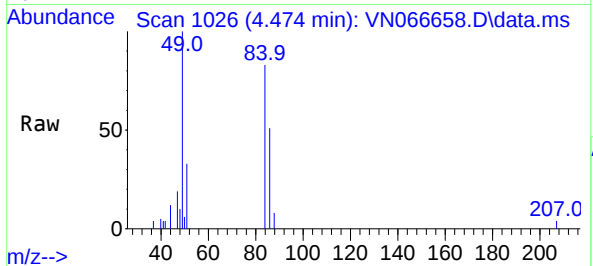
Tgt Ion: 43 Resp: 35862  
Ion Ratio Lower Upper  
43 100  
58 32.4 27.0 40.6



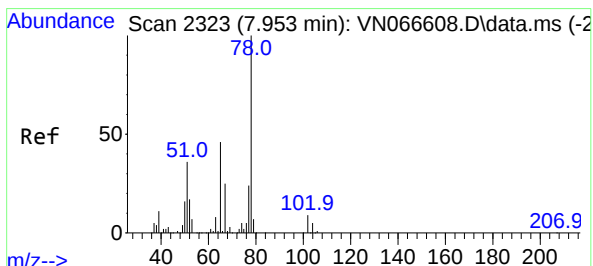
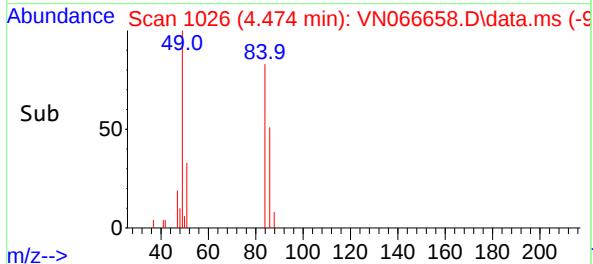
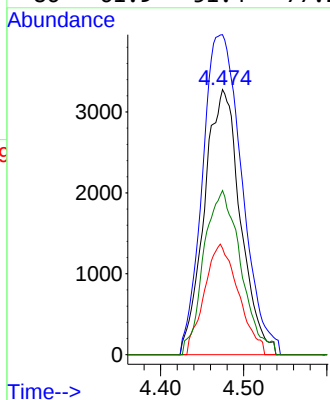


#20  
Methylene Chloride  
Concen: 2.47 ug/l  
RT: 4.474 min Scan# 1026  
Delta R.T. 0.007 min  
Lab File: VN066658.D  
Acq: 19 Apr 2021 13:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-1-D

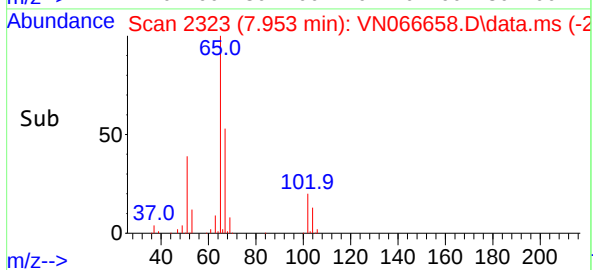
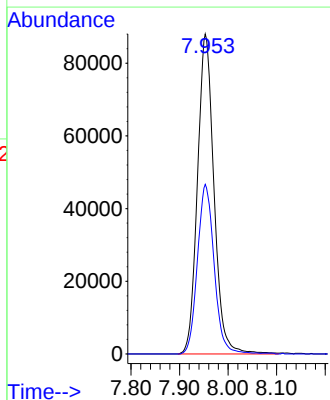
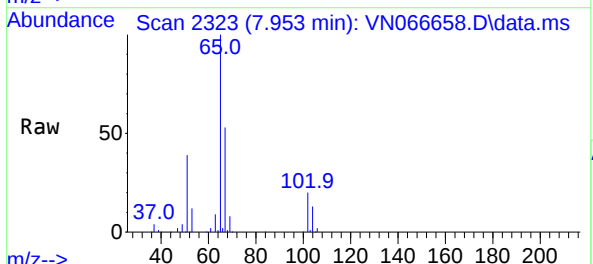


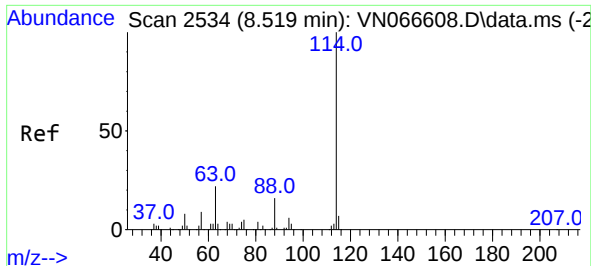
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 9878  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 120.7 | 94.6  | 141.8 |
| 51       | 40.2  | 29.9  | 44.9  |
| 86       | 61.9  | 51.4  | 77.2  |



#33  
1,2-Dichloroethane-d4  
Concen: 49.17 ug/l  
RT: 7.953 min Scan# 2323  
Delta R.T. -0.000 min  
Lab File: VN066658.D  
Acq: 19 Apr 2021 13:31

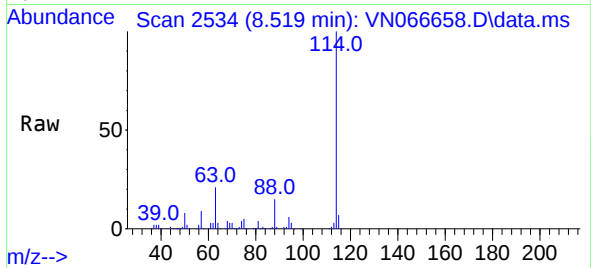
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 208042 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 53.6  | 0.0   | 107.2  |



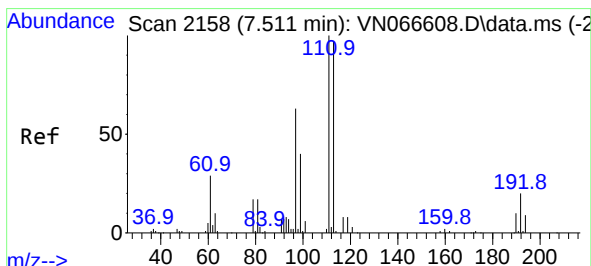
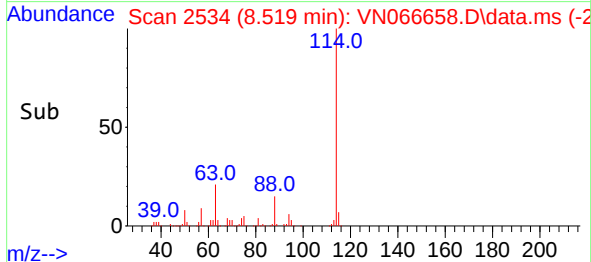
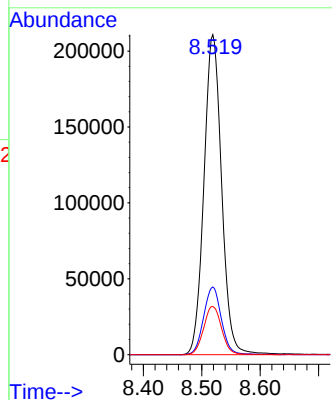


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.519 min Scan# 2534  
Delta R.T. -0.000 min  
Lab File: VN066658.D  
Acq: 19 Apr 2021 13:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-1-D

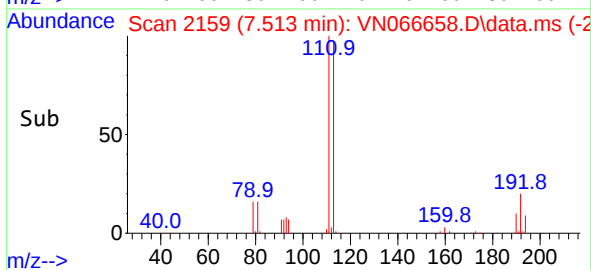
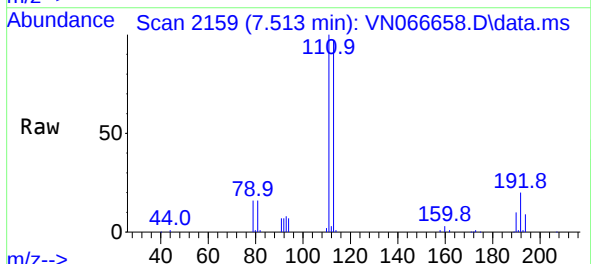
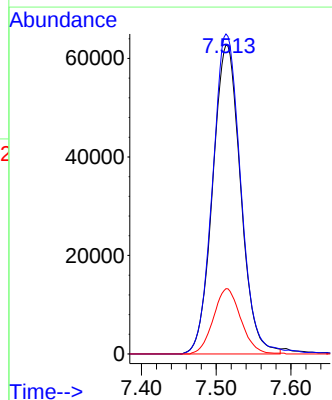


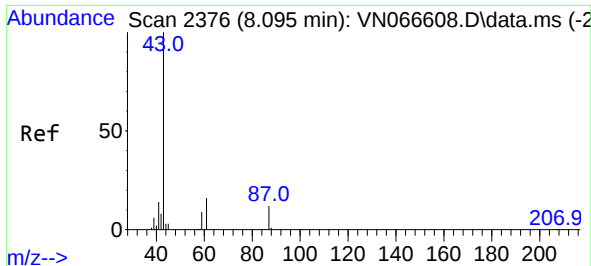
Tgt Ion:114 Resp: 443913  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 38.6  
88 15.0 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 52.83 ug/l  
RT: 7.513 min Scan# 2159  
Delta R.T. 0.002 min  
Lab File: VN066658.D  
Acq: 19 Apr 2021 13:31

Tgt Ion:113 Resp: 162634  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.2 123.2  
192 20.8 15.4 23.0

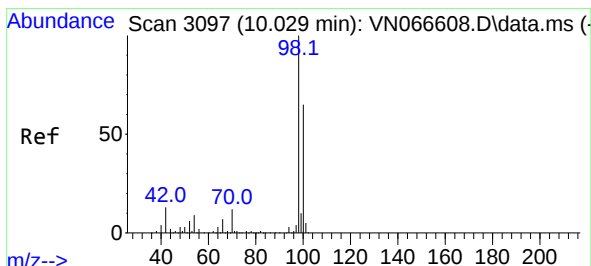
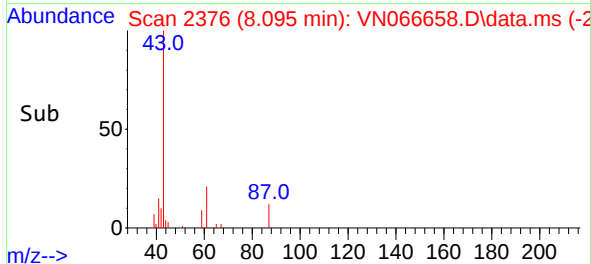
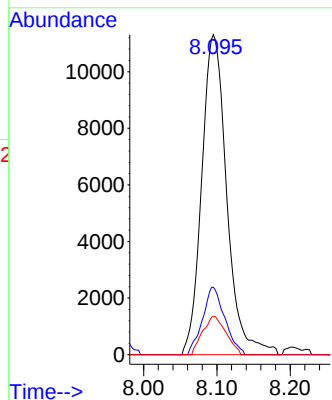
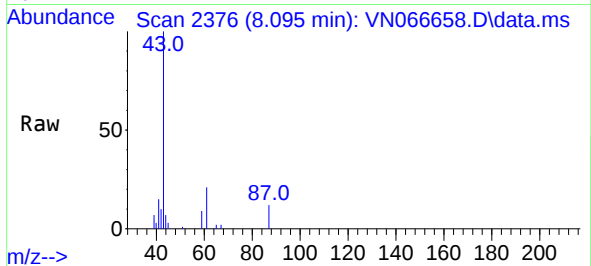




#43  
Isopropyl Acetate  
Concen: 3.17 ug/l  
RT: 8.095 min Scan# 2376  
Delta R.T. 0.000 min  
Lab File: VN066658.D  
Acq: 19 Apr 2021 13:31

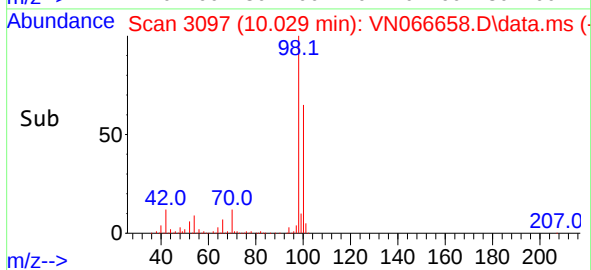
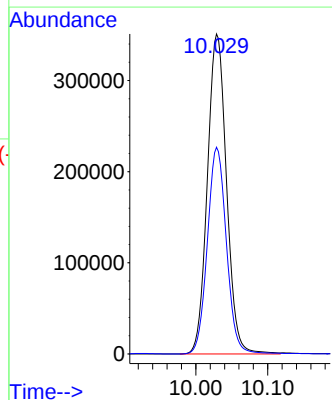
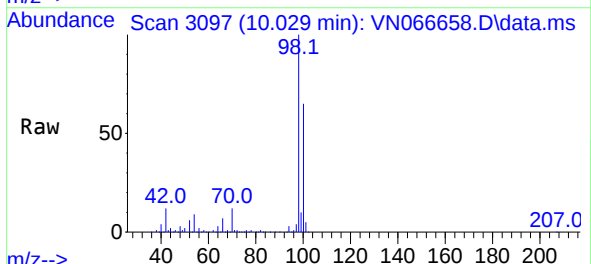
Instrument :  
MSVOA\_N  
ClientSampled :  
TP-1-D

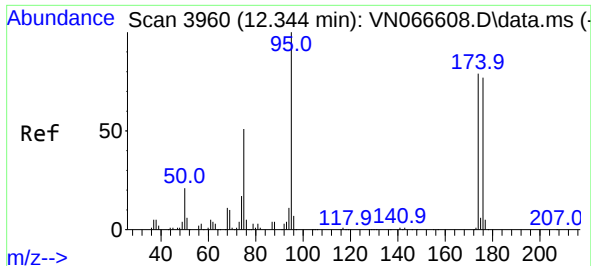
Tgt Ion: 43 Resp: 26902  
Ion Ratio Lower Upper  
43 100  
61 18.7 22.5 33.7#  
87 11.1 11.1 16.7



#50  
Toluene-d8  
Concen: 53.97 ug/l  
RT: 10.029 min Scan# 3097  
Delta R.T. -0.000 min  
Lab File: VN066658.D  
Acq: 19 Apr 2021 13:31

Tgt Ion: 98 Resp: 651140  
Ion Ratio Lower Upper  
98 100  
100 64.3 50.5 75.7

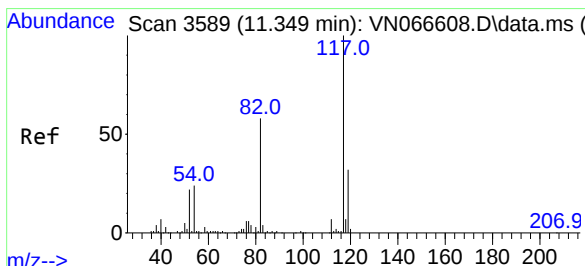
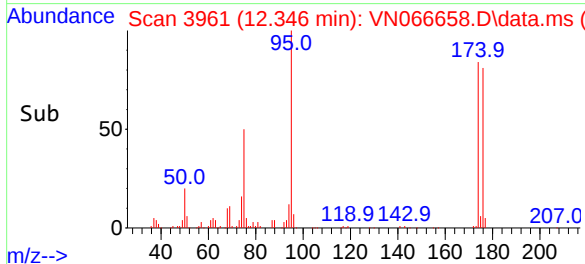
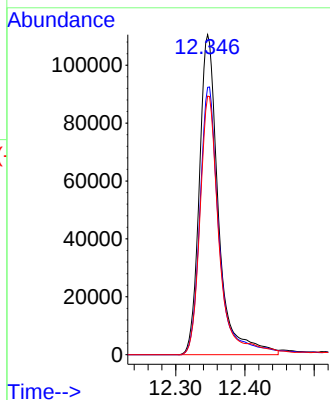
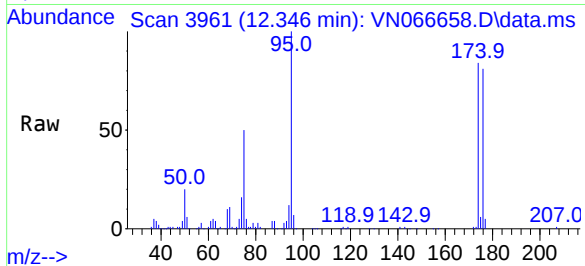




#62  
4-Bromofluorobenzene  
Concen: 49.97 ug/l  
RT: 12.346 min Scan# 3961  
Delta R.T. 0.002 min  
Lab File: VN066658.D  
Acq: 19 Apr 2021 13:31

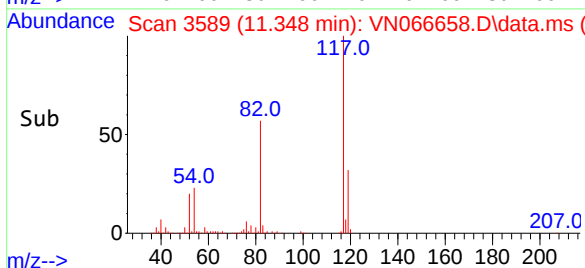
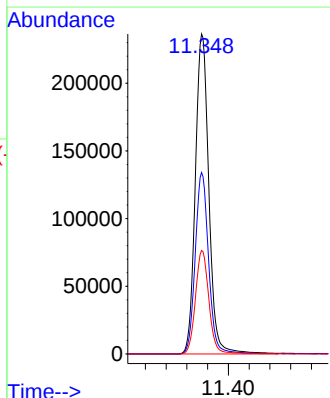
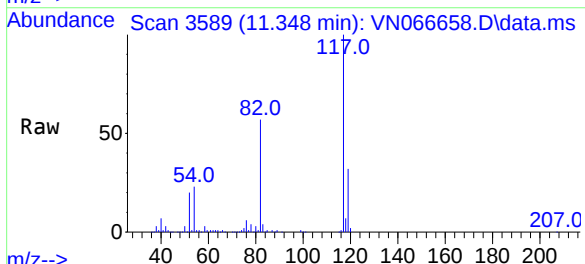
Instrument :  
MSVOA\_N  
ClientSampled :  
TP-1-D

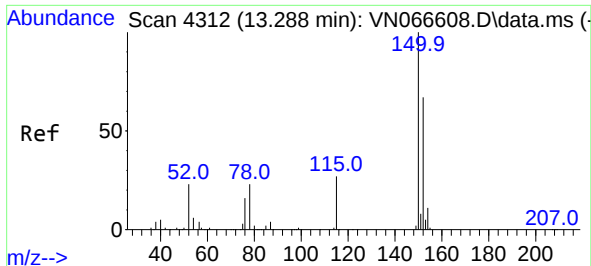
Tgt Ion: 95 Resp: 212012  
Ion Ratio Lower Upper  
95 100  
174 85.0 0.0 169.0  
176 81.5 0.0 162.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.348 min Scan# 3589  
Delta R.T. -0.001 min  
Lab File: VN066658.D  
Acq: 19 Apr 2021 13:31

Tgt Ion:117 Resp: 427470  
Ion Ratio Lower Upper  
117 100  
82 56.7 43.7 65.5  
119 32.3 26.1 39.1

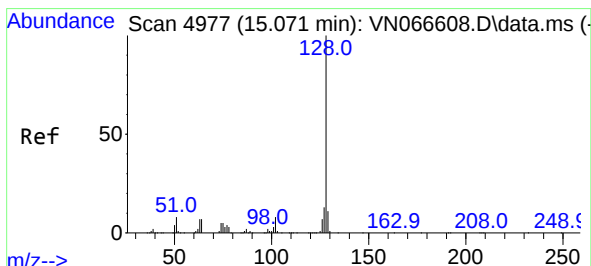
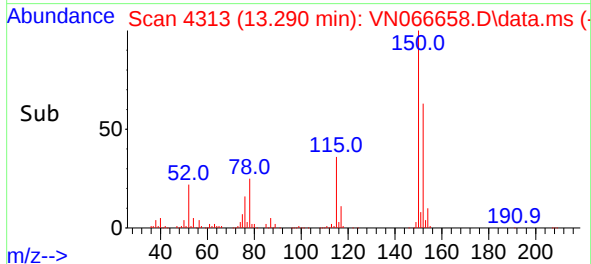
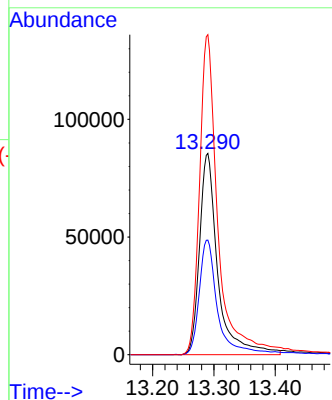
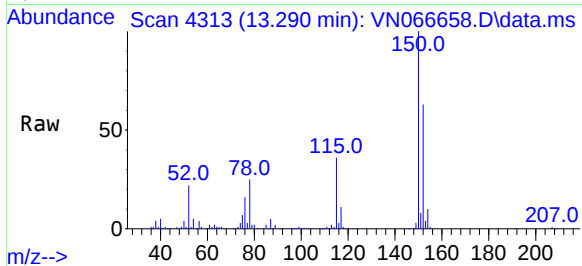




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.290 min Scan# 4313  
Delta R.T. 0.002 min  
Lab File: VN066658.D  
Acq: 19 Apr 2021 13:31

Instrument :  
MSVOA\_N  
ClientSampled :  
TP-1-D

Tgt Ion:152 Resp: 178224  
Ion Ratio Lower Upper  
152 100  
115 56.8 28.5 85.6  
150 163.4 0.0 347.6



#95  
Naphthalene  
Concen: 1.94 ug/l  
RT: 15.082 min Scan# 4981  
Delta R.T. 0.011 min  
Lab File: VN066658.D  
Acq: 19 Apr 2021 13:31

Tgt Ion:128 Resp: 17625  
Ion Ratio Lower Upper  
128 100  
127 10.4 10.2 15.2  
129 9.1 8.6 13.0

