

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121421\  
 Data File : VN070080.D  
 Acq On : 14 Dec 2021 19:15  
 Operator : JC/MD  
 Sample : M4989-04RE  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P23-2RE

Quant Time: Dec 15 05:21:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 08:46:47 2021  
 Response via : Initial Calibration

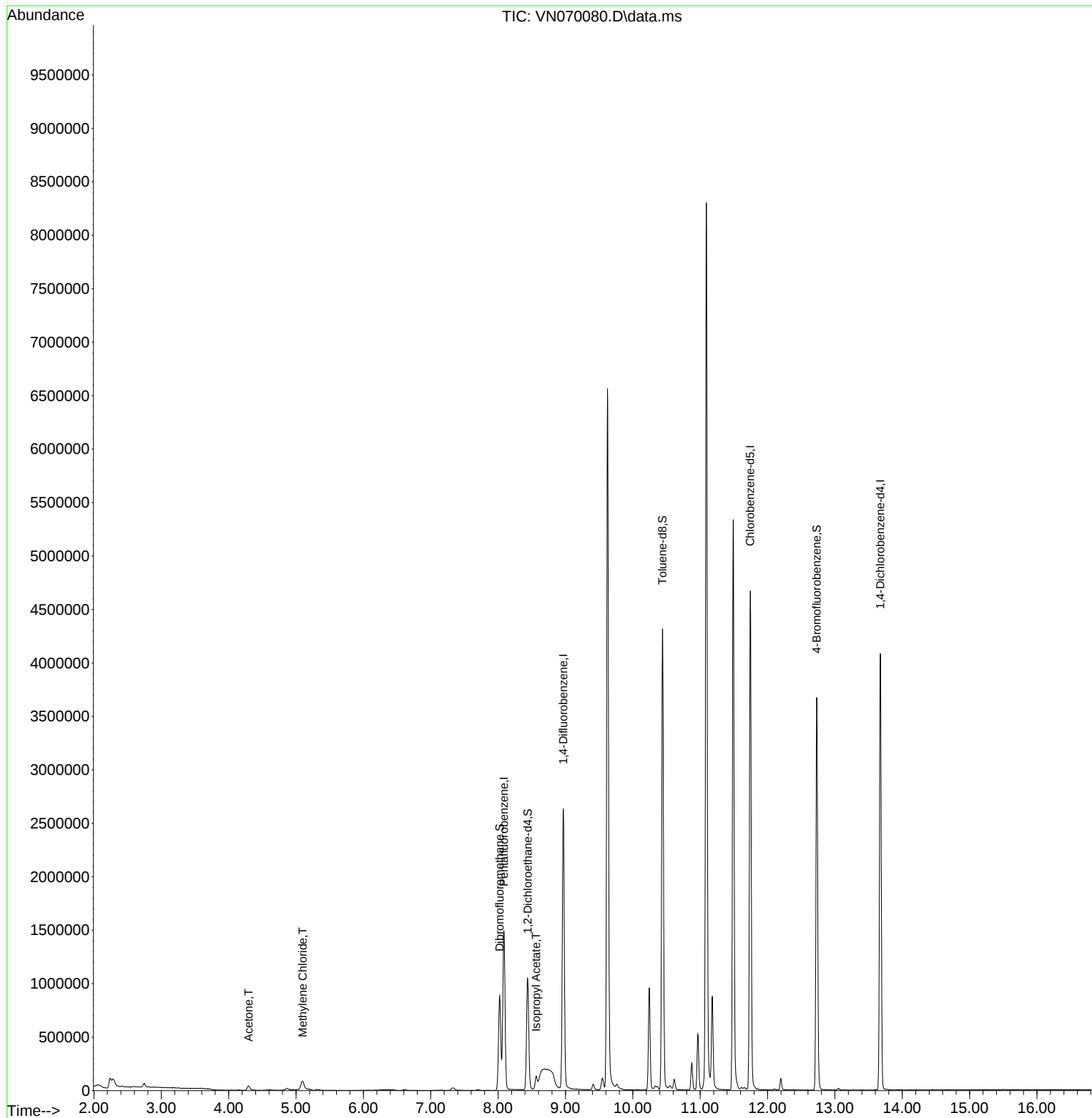
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.085     | 168   | 1120957  | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.968     | 114   | 2194183  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.744    | 117   | 2580583  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.675    | 152   | 1087117  | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.439     | 65    | 905687   | 52.329   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =      | 104.660% |
| 35) Dibromofluoromethane    | 8.024     | 113   | 635021   | 46.204   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =      | 92.400%  |
| 50) Toluene-d8              | 10.440    | 98    | 2914640  | 52.815   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =      | 105.620% |
| 62) 4-Bromofluorobenzene    | 12.731    | 95    | 1275937  | 63.820   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =      | 127.640% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 4.296     | 43    | 76038    | 7.303    | ug/l   | 90       |
| 20) Methylene Chloride      | 5.100     | 84    | 58122    | 4.199    | ug/l # | 81       |
| 43) Isopropyl Acetate       | 8.565     | 43    | 149688   | 3.254    | ug/l # | 82       |
| -----                       |           |       |          |          |        |          |

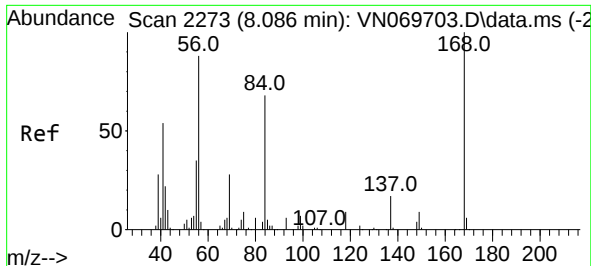
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121421\  
Data File : VN070080.D  
Acq On : 14 Dec 2021 19:15  
Operator : JC/MD  
Sample : M4989-04RE  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
P23-2RE

Quant Time: Dec 15 05:21:28 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 03 08:46:47 2021  
Response via : Initial Calibration

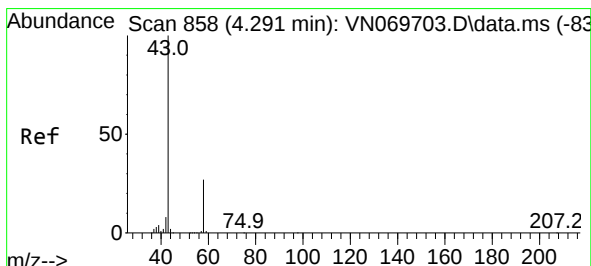
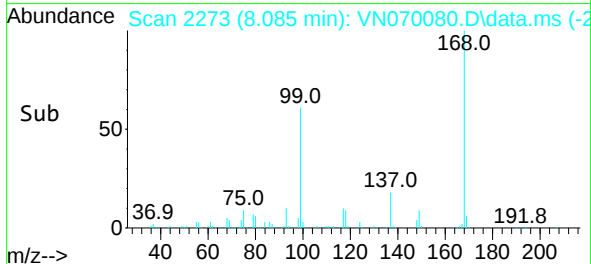
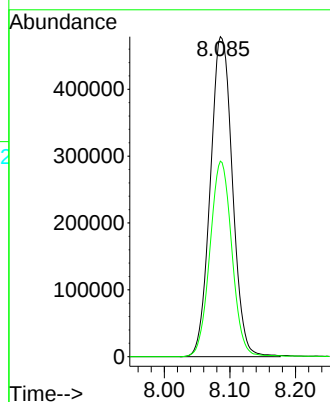
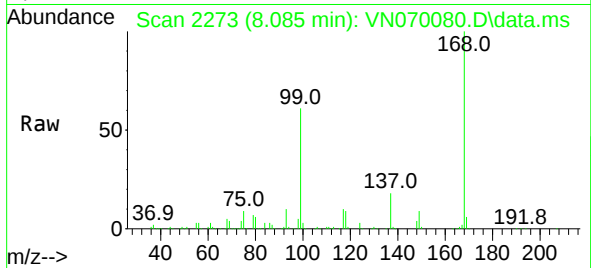




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.085 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: VN070080.D  
Acq: 14 Dec 2021 19:15

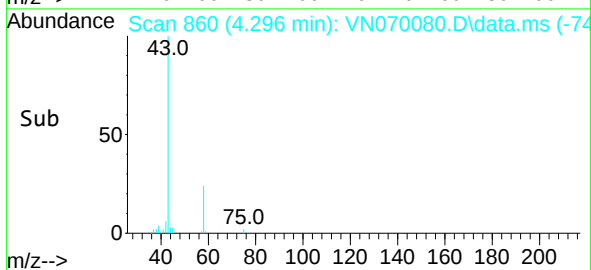
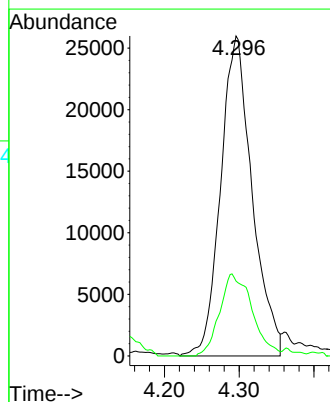
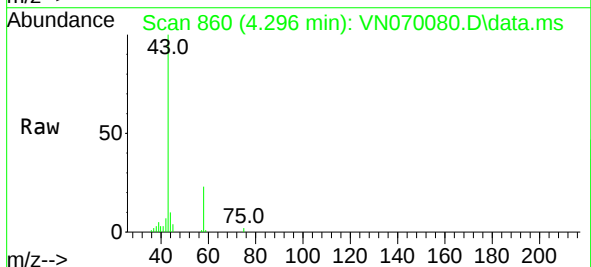
Instrument :  
MSVOA\_N  
ClientSampleId :  
P23-2RE

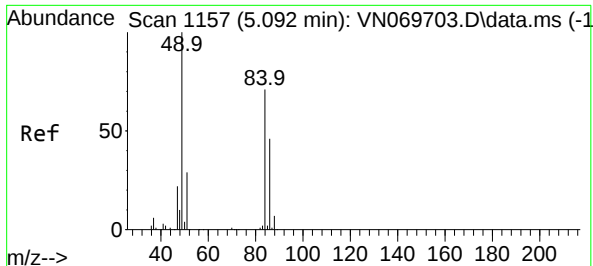
Tgt Ion:168 Resp: 1120957  
Ion Ratio Lower Upper  
168 100  
99 61.1 41.3 61.9



#16  
Acetone  
Concen: 7.303 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.005 min  
Lab File: VN070080.D  
Acq: 14 Dec 2021 19:15

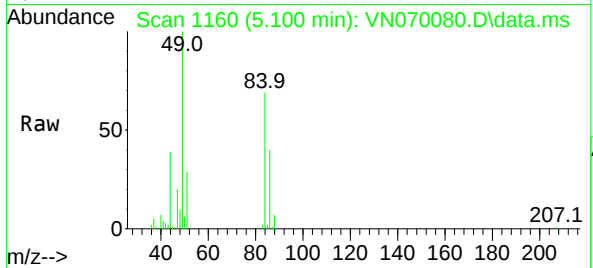
Tgt Ion: 43 Resp: 76038  
Ion Ratio Lower Upper  
43 100  
58 23.4 23.1 34.7



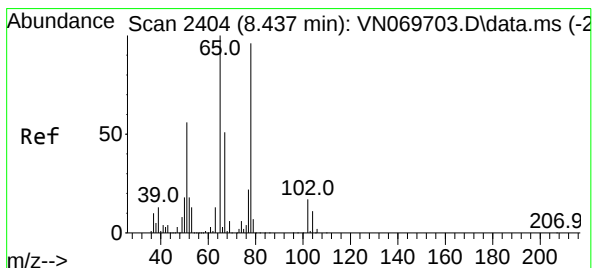
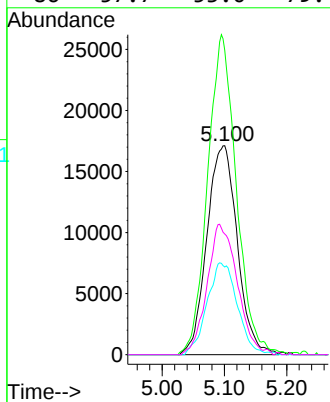
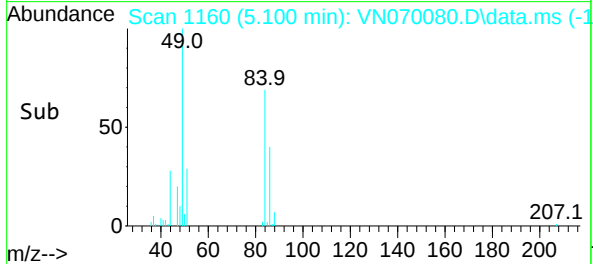


#20  
Methylene Chloride  
Concen: 4.199 ug/l  
RT: 5.100 min Scan# 1157  
Delta R.T. 0.008 min  
Lab File: VN070080.D  
Acq: 14 Dec 2021 19:15

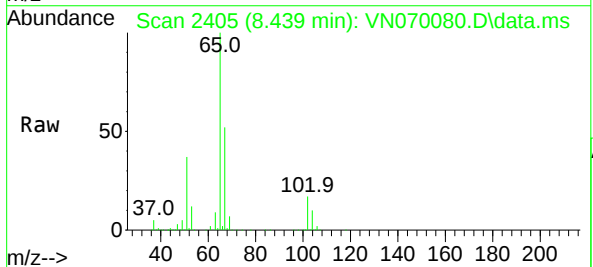
Instrument :  
MSVOA\_N  
ClientSampleId :  
P23-2RE



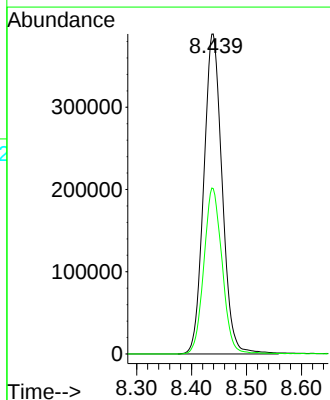
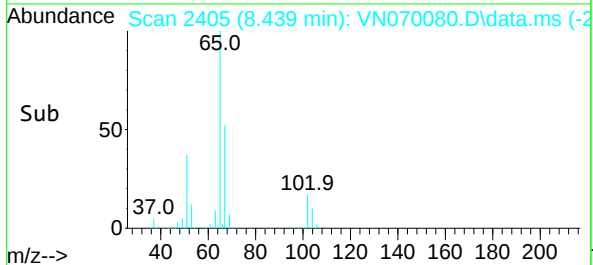
Tgt Ion: 84 Resp: 58122  
Ion Ratio Lower Upper  
84 100  
49 145.6 93.5 140.3#  
51 41.9 29.4 44.2  
86 57.7 53.0 79.4

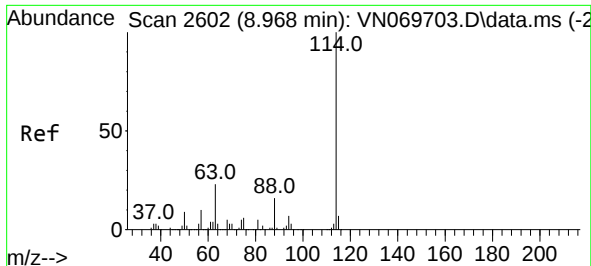


#33  
1,2-Dichloroethane-d4  
Concen: 52.329 ug/l  
RT: 8.439 min Scan# 2405  
Delta R.T. 0.003 min  
Lab File: VN070080.D  
Acq: 14 Dec 2021 19:15



Tgt Ion: 65 Resp: 905687  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 103.0

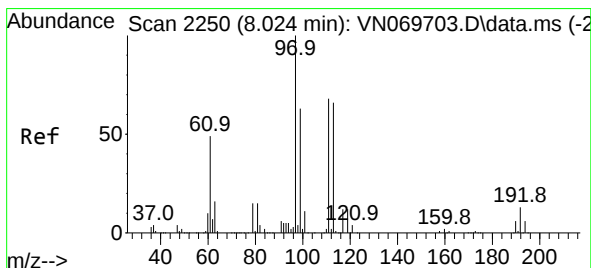
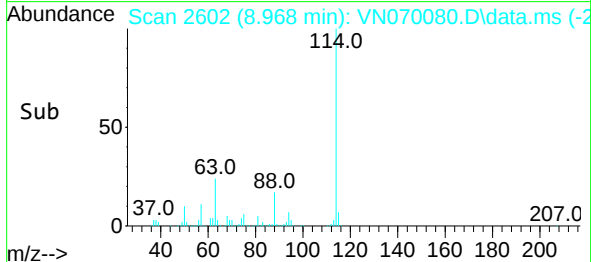
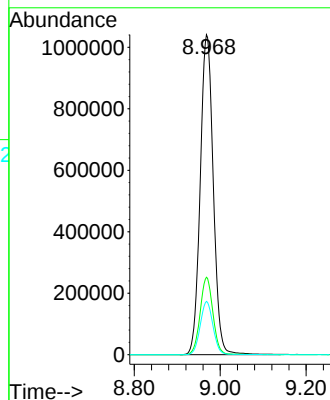
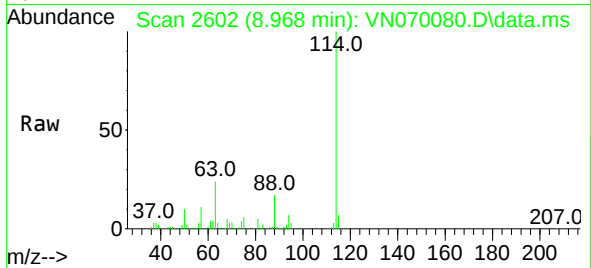




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.000 min  
Lab File: VN070080.D  
Acq: 14 Dec 2021 19:15

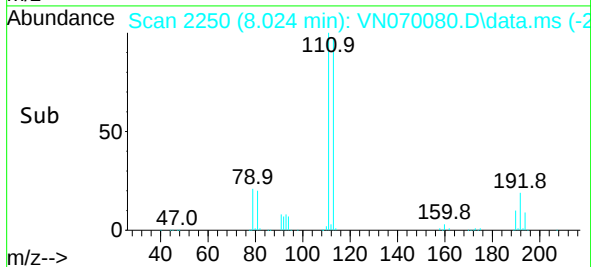
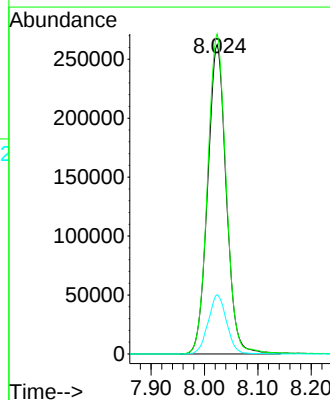
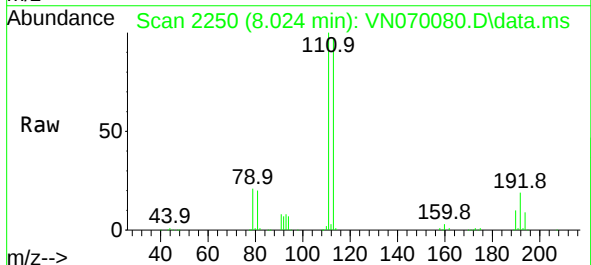
Instrument :  
MSVOA\_N  
ClientSampleId :  
P23-2RE

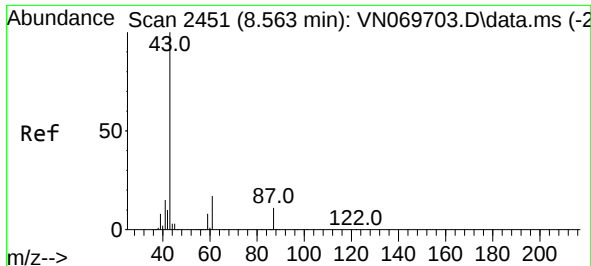
Tgt Ion:114 Resp: 2194183  
Ion Ratio Lower Upper  
114 100  
63 24.2 0.0 37.8  
88 16.7 0.0 27.4



#35  
Dibromofluoromethane  
Concen: 46.204 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. -0.000 min  
Lab File: VN070080.D  
Acq: 14 Dec 2021 19:15

Tgt Ion:113 Resp: 635021  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.2 123.2  
192 18.9 16.9 25.3

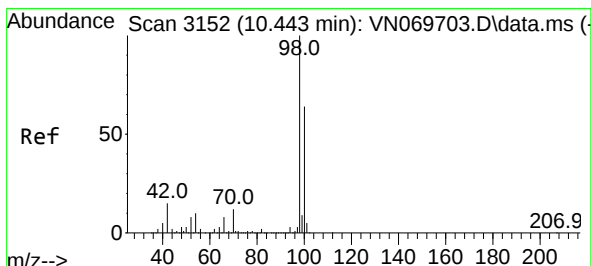
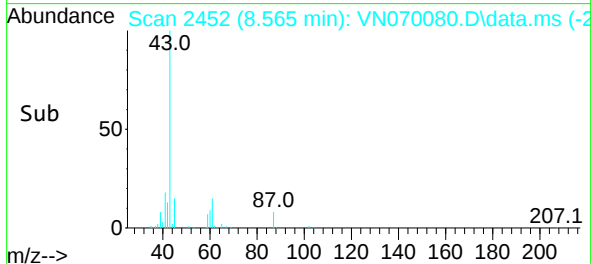
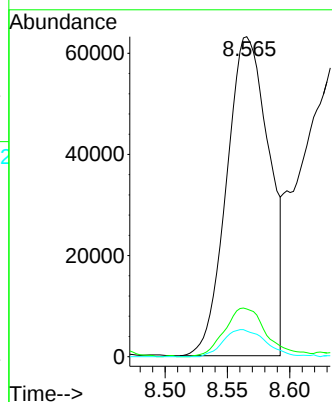
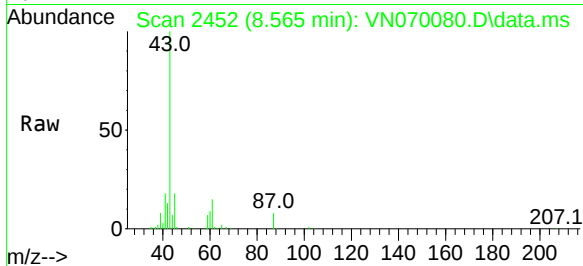




#43  
Isopropyl Acetate  
Concen: 3.254 ug/l  
RT: 8.565 min Scan# 2451  
Delta R.T. 0.003 min  
Lab File: VN070080.D  
Acq: 14 Dec 2021 19:15

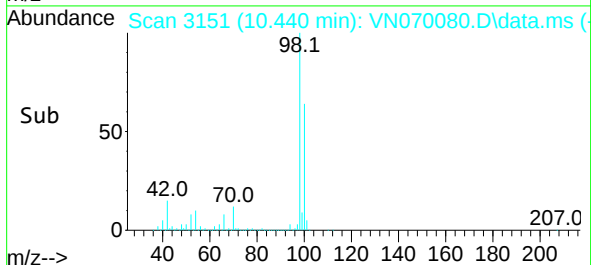
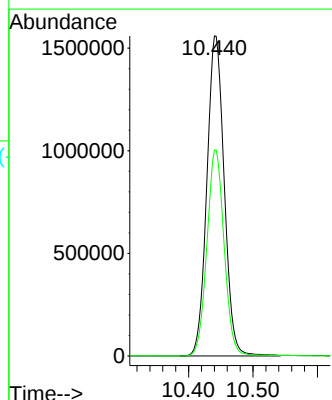
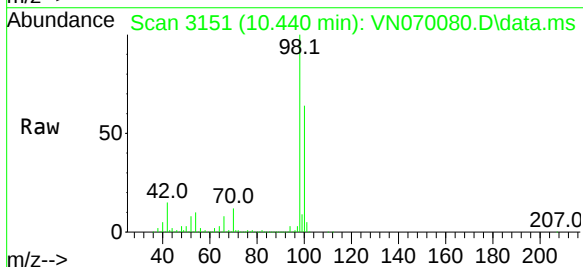
Instrument :  
MSVOA\_N  
ClientSampleId :  
P23-2RE

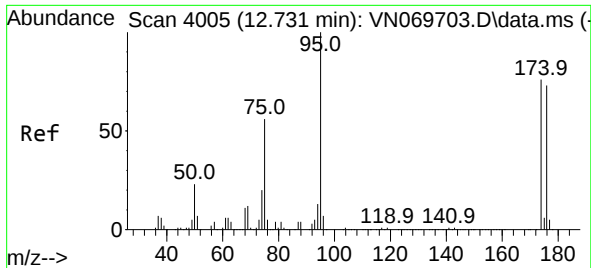
Tgt Ion: 43 Resp: 149688  
Ion Ratio Lower Upper  
43 100  
61 15.1 20.4 30.6#  
87 8.5 11.2 16.8#



#50  
Toluene-d8  
Concen: 52.815 ug/l  
RT: 10.440 min Scan# 3151  
Delta R.T. -0.003 min  
Lab File: VN070080.D  
Acq: 14 Dec 2021 19:15

Tgt Ion: 98 Resp: 2914640  
Ion Ratio Lower Upper  
98 100  
100 63.8 50.4 75.6

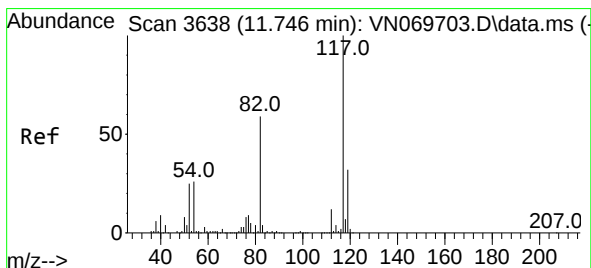
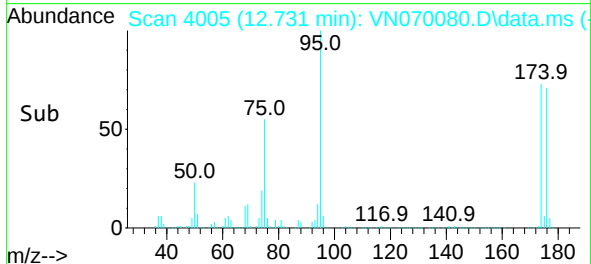
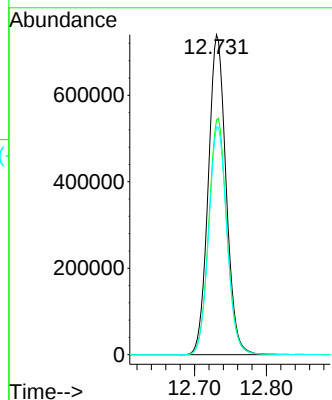
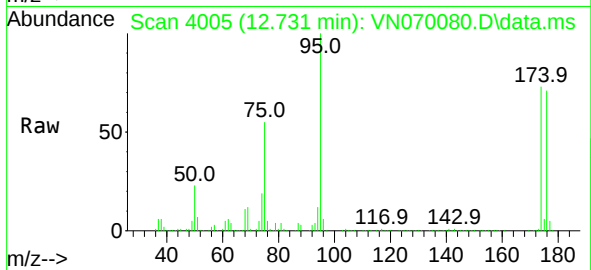




#62  
4-Bromofluorobenzene  
Concen: 63.820 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN070080.D  
Acq: 14 Dec 2021 19:15

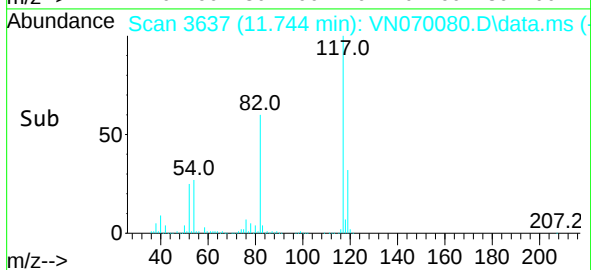
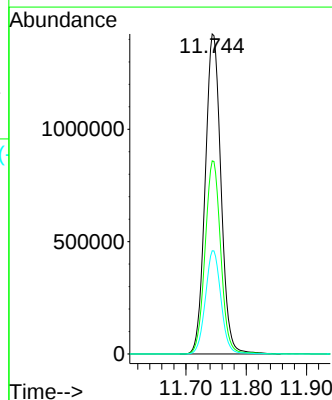
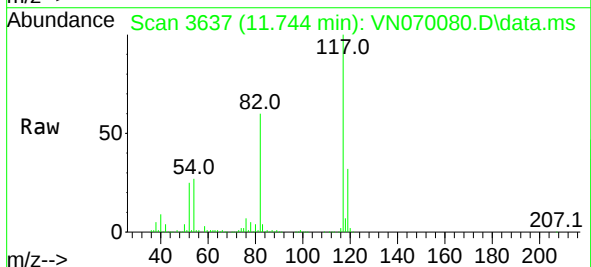
Instrument :  
MSVOA\_N  
ClientSampleId :  
P23-2RE

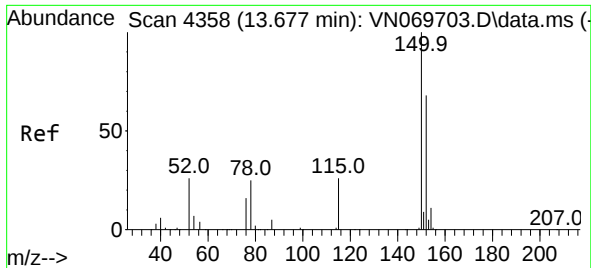
Tgt Ion: 95 Resp: 1275937  
Ion Ratio Lower Upper  
95 100  
174 75.3 0.0 187.2  
176 72.7 0.0 181.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3637  
Delta R.T. -0.002 min  
Lab File: VN070080.D  
Acq: 14 Dec 2021 19:15

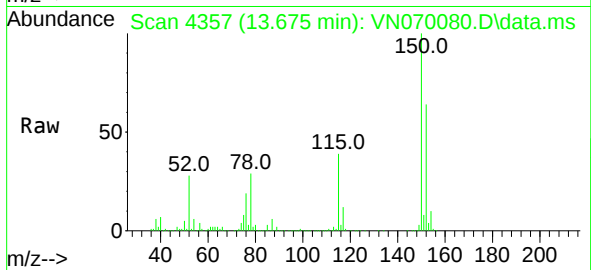
Tgt Ion: 117 Resp: 2580583  
Ion Ratio Lower Upper  
117 100  
82 60.3 42.4 63.6  
119 32.2 25.4 38.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.675 min Scan# 41  
 Delta R.T. -0.003 min  
 Lab File: VN070080.D  
 Acq: 14 Dec 2021 19:15

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P23-2RE



Tgt Ion:152 Resp: 1087117  
 Ion Ratio Lower Upper  
 152 100  
 115 61.4 27.5 82.5  
 150 157.7 0.0 344.4

