

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042023\  
 Data File : VN077405.D  
 Acq On : 20 Apr 2023 17:11  
 Operator : JC\MD  
 Sample : 02390-06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SPC-2WC-23-04-17

Quant Time: Apr 21 02:40:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N040523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 06 08:27:03 2023  
 Response via : Initial Calibration

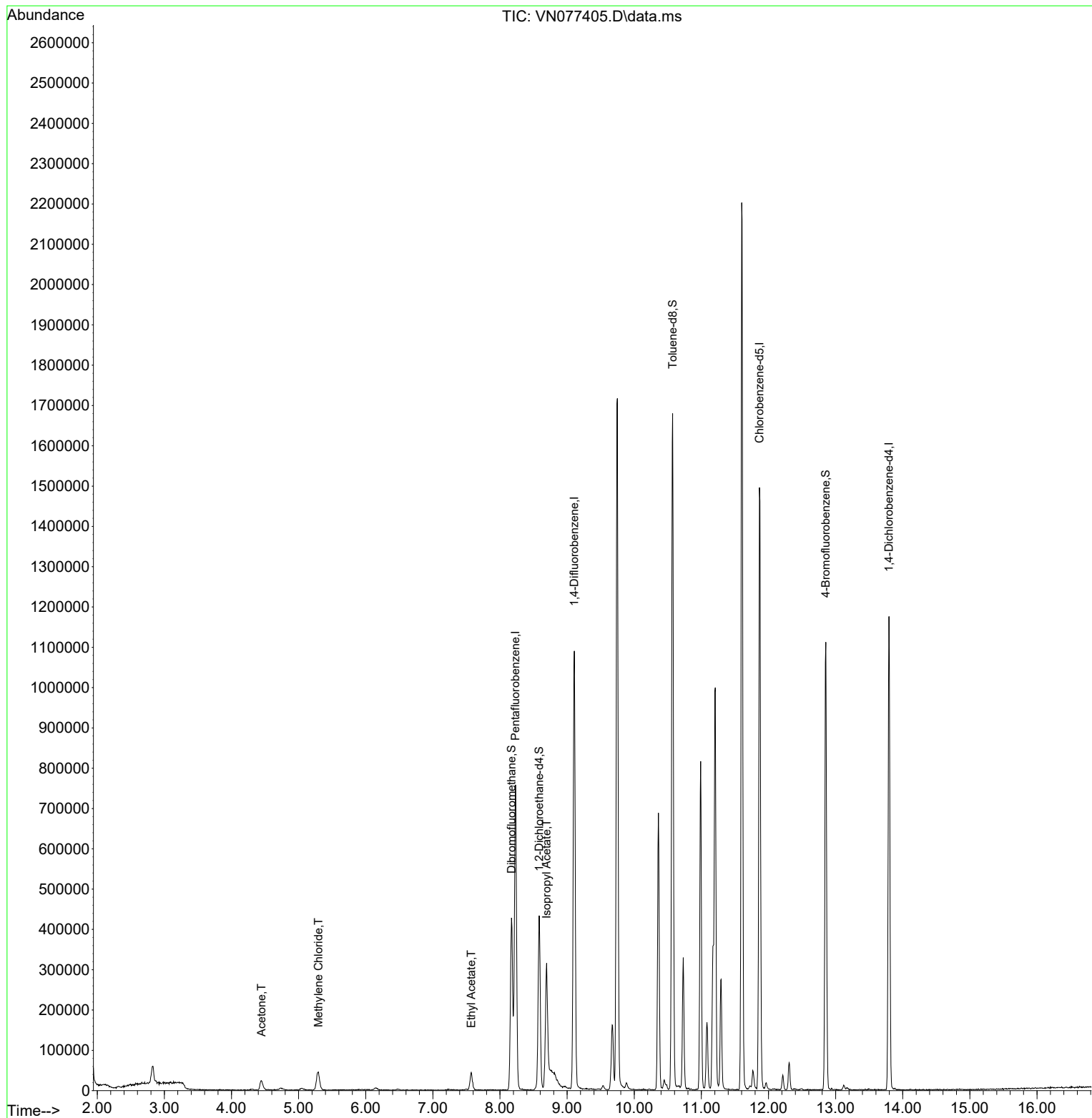
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.231  | 168   | 536526   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.107  | 114   | 991502   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.866 | 117   | 902543   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.795 | 152   | 329986   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.584  | 65    | 337482   | 46.023   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 92.040%  |
| 35) Dibromofluoromethane    | 8.172  | 113   | 303669   | 47.842   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.680%  |
| 50) Toluene-d8              | 10.572 | 98    | 1228682  | 48.085   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 96.180%  |
| 62) 4-Bromofluorobenzene    | 12.854 | 95    | 397085   | 46.725   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 93.460%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.449  | 43    | 44686    | 16.528   | ug/l   | 96       |
| 20) Methylene Chloride      | 5.296  | 84    | 39309    | 5.148    | ug/l   | 94       |
| 37) Ethyl Acetate           | 7.572  | 43    | 61048    | 7.268    | ug/l   | 94       |
| 43) Isopropyl Acetate       | 8.695  | 43    | 380123   | 24.526   | ug/l # | 85       |
| -----                       |        |       |          |          |        |          |

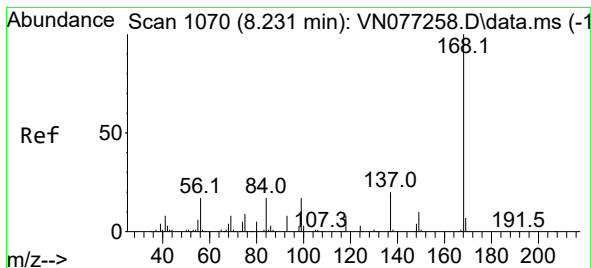
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042023\  
Data File : VN077405.D  
Acq On : 20 Apr 2023 17:11  
Operator : JC\MD  
Sample : 02390-06  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SPC-2WC-23-04-17

Quant Time: Apr 21 02:40:59 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N040523W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 06 08:27:03 2023  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077405.D

Acq: 20 Apr 2023 17:11

Instrument :

MSVOA\_N

ClientSampleId :

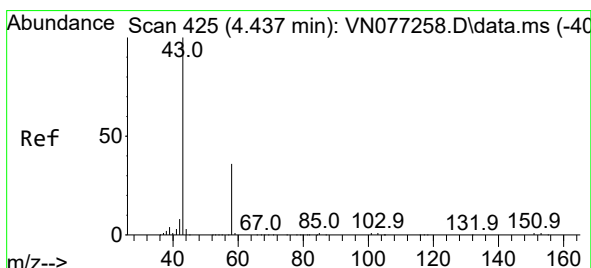
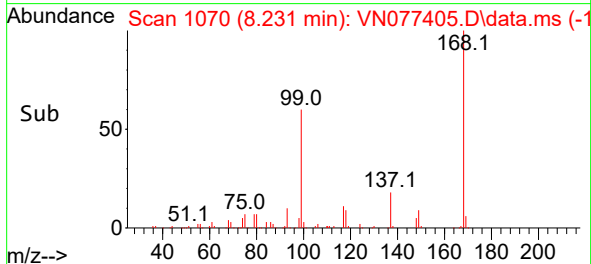
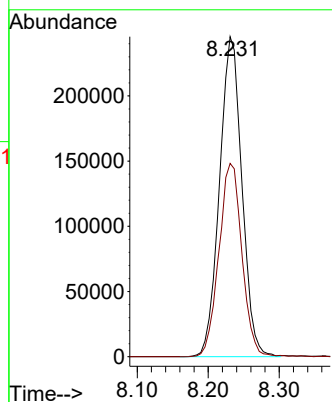
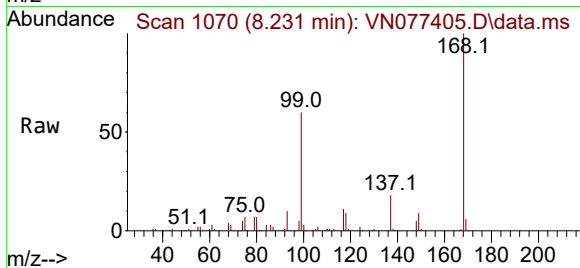
SPC-2WC-23-04-17

Tgt Ion:168 Resp: 536526

Ion Ratio Lower Upper

168 100

99 60.4 50.6 75.8



#16

Acetone

Concen: 16.528 ug/l

RT: 4.449 min Scan# 427

Delta R.T. 0.012 min

Lab File: VN077405.D

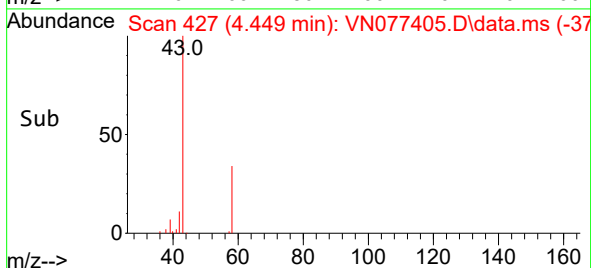
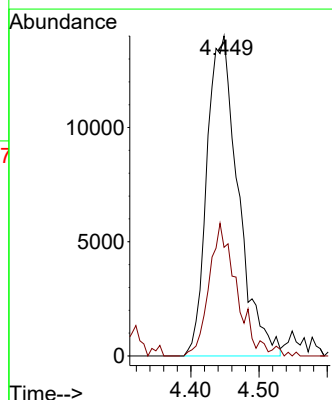
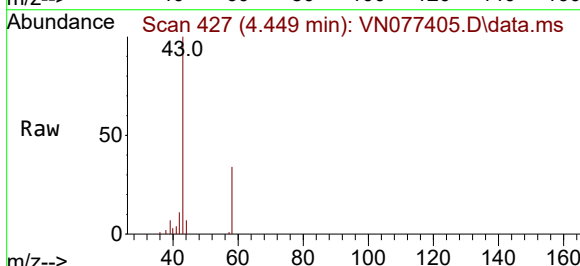
Acq: 20 Apr 2023 17:11

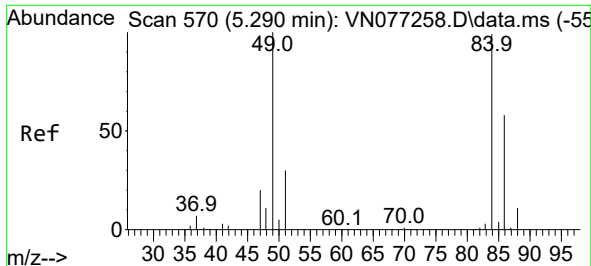
Tgt Ion: 43 Resp: 44686

Ion Ratio Lower Upper

43 100

58 34.0 29.0 43.6

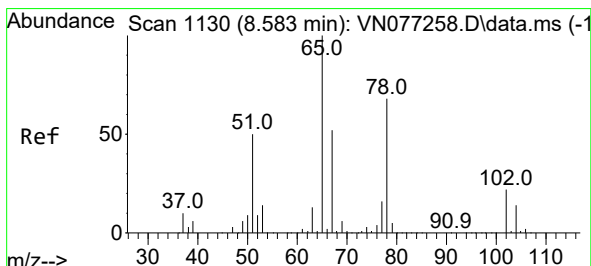
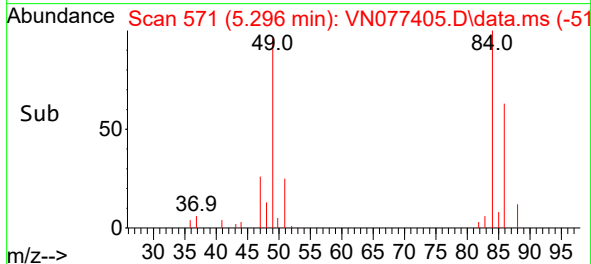
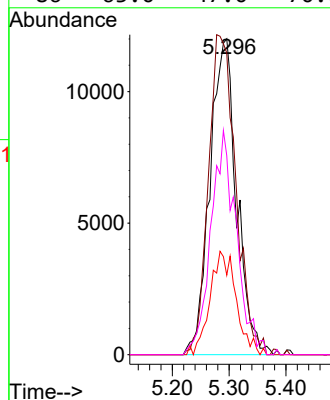
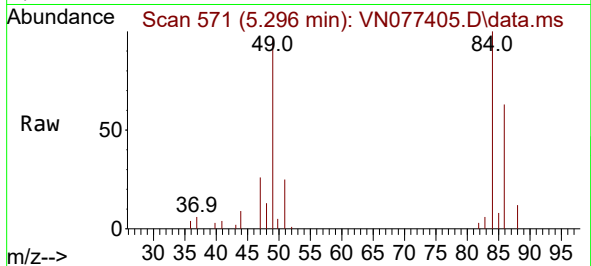




#20  
Methylene Chloride  
Concen: 5.148 ug/l  
RT: 5.296 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN077405.D  
Acq: 20 Apr 2023 17:11

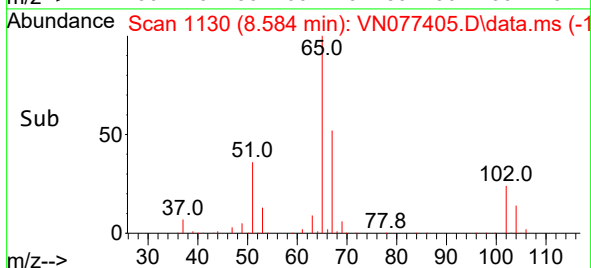
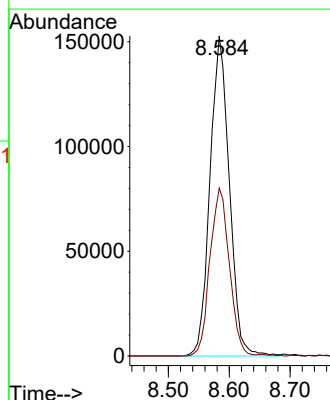
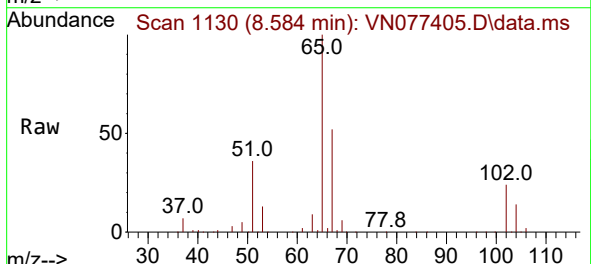
Instrument :  
MSVOA\_N  
ClientSampleId :  
SPC-2WC-23-04-17

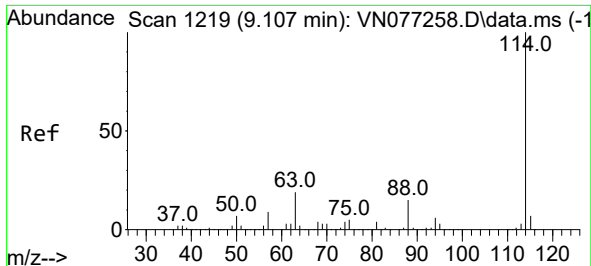
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 39309 |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 95.5     | 80.6 121.0  |
| 51 25.2     | 24.4 36.6   |
| 86 63.0     | 47.0 70.6   |



#33  
1,2-Dichloroethane-d4  
Concen: 46.023 ug/l  
RT: 8.584 min Scan# 1130  
Delta R.T. 0.001 min  
Lab File: VN077405.D  
Acq: 20 Apr 2023 17:11

|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 337482 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 67 52.5     | 0.0 108.8    |

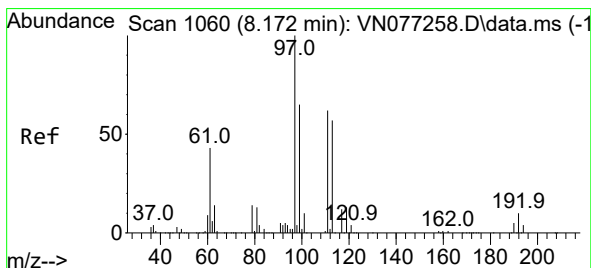
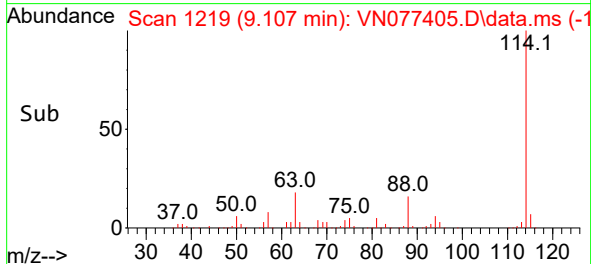
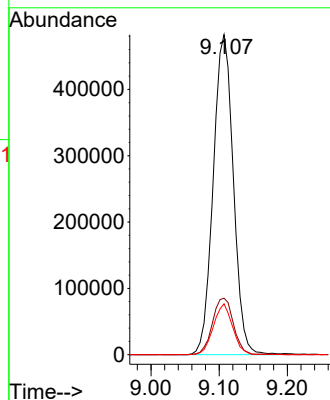
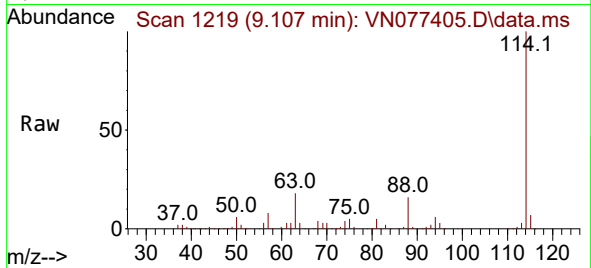




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.107 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN077405.D  
Acq: 20 Apr 2023 17:11

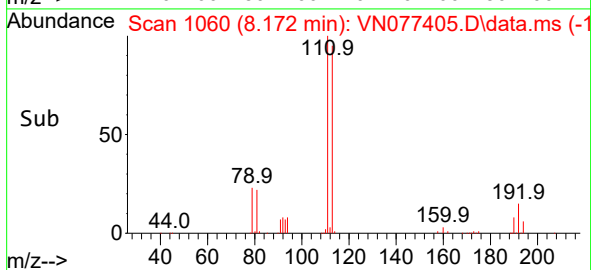
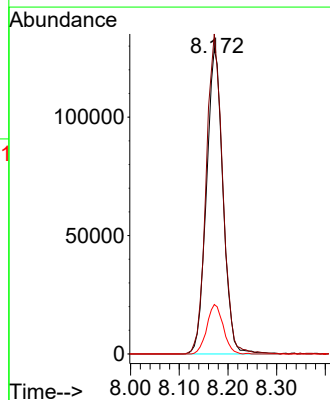
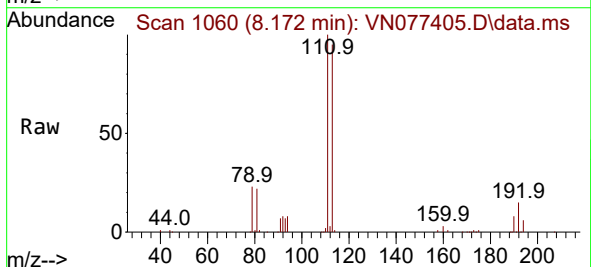
Instrument :  
MSVOA\_N  
ClientSampleId :  
SPC-2WC-23-04-17

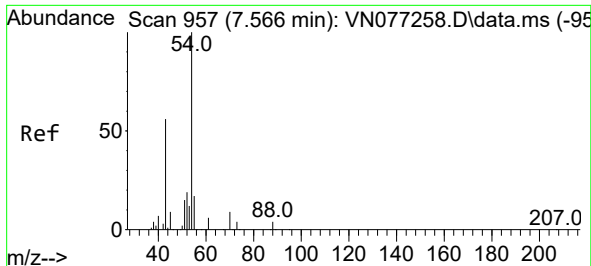
Tgt Ion:114 Resp: 991502  
Ion Ratio Lower Upper  
114 100  
63 17.6 0.0 37.8  
88 15.9 0.0 29.4



#35  
Dibromofluoromethane  
Concen: 47.842 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN077405.D  
Acq: 20 Apr 2023 17:11

Tgt Ion:113 Resp: 303669  
Ion Ratio Lower Upper  
113 100  
111 104.9 83.4 125.0  
192 16.0 13.5 20.3

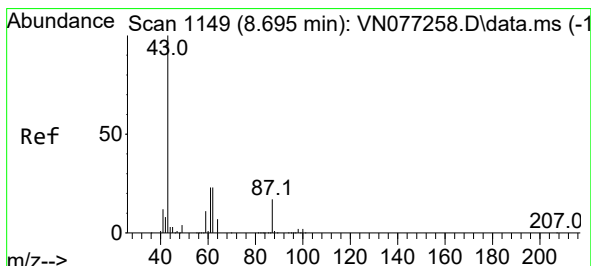
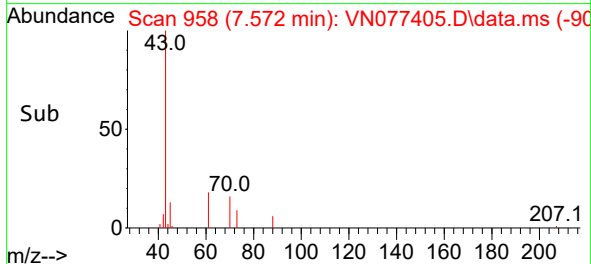
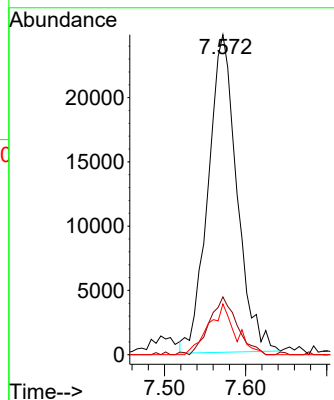
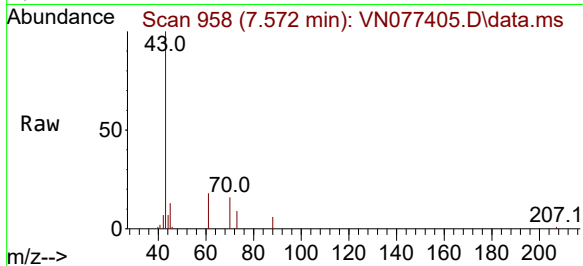




#37  
Ethyl Acetate  
Concen: 7.268 ug/l  
RT: 7.572 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN077405.D  
Acq: 20 Apr 2023 17:11

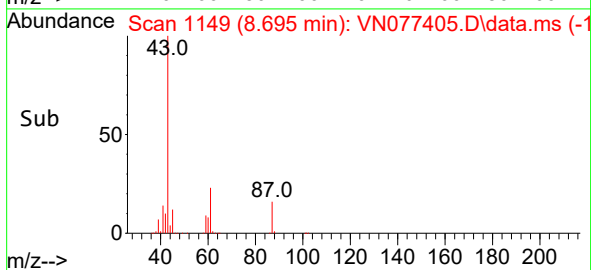
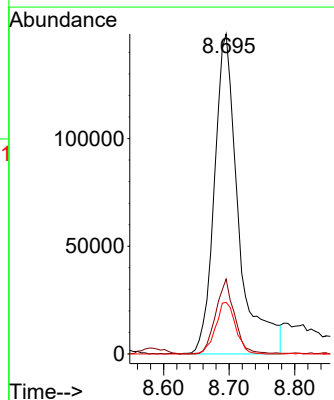
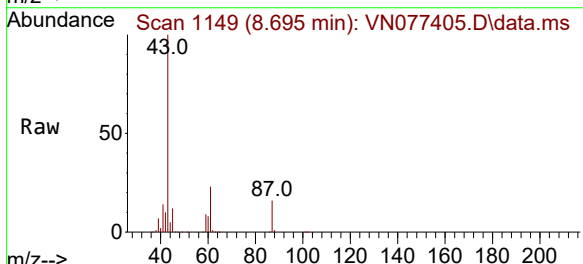
Instrument :  
MSVOA\_N  
ClientSampleId :  
SPC-2WC-23-04-17

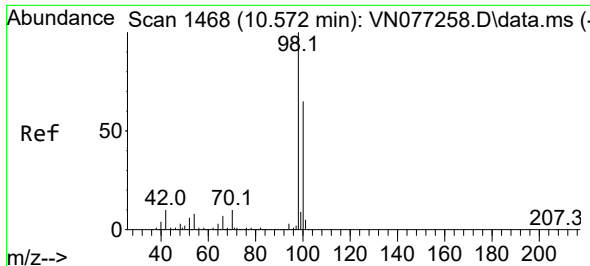
Tgt Ion: 43 Resp: 61048  
Ion Ratio Lower Upper  
43 100  
61 17.5 12.2 18.2  
70 14.8 10.0 15.0



#43  
Isopropyl Acetate  
Concen: 24.526 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: VN077405.D  
Acq: 20 Apr 2023 17:11

Tgt Ion: 43 Resp: 380123  
Ion Ratio Lower Upper  
43 100  
61 18.2 22.7 34.1#  
87 13.3 13.6 20.4#

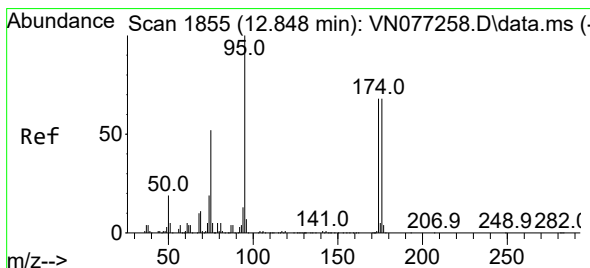
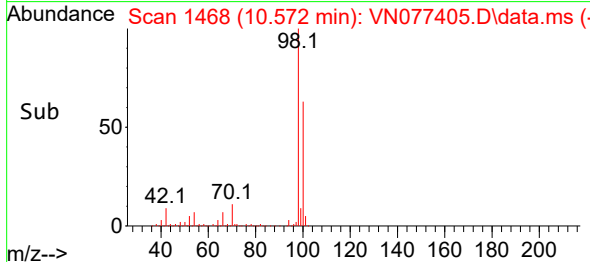
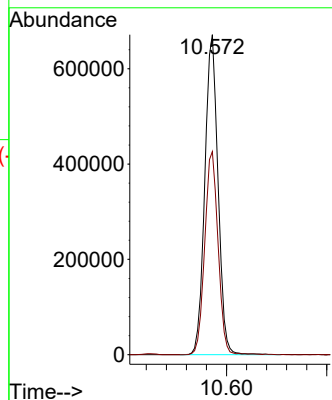
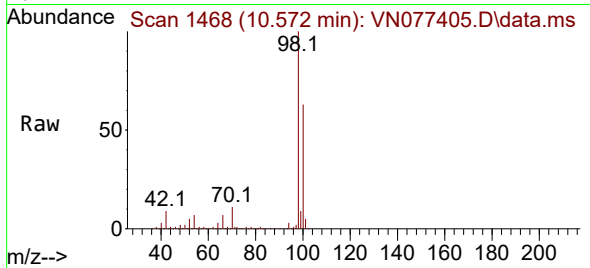




#50  
Toluene-d8  
Concen: 48.085 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VN077405.D  
Acq: 20 Apr 2023 17:11

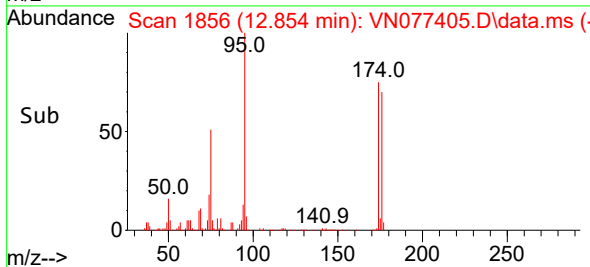
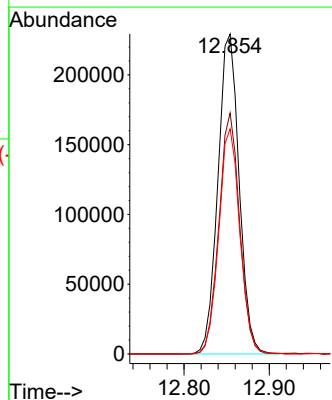
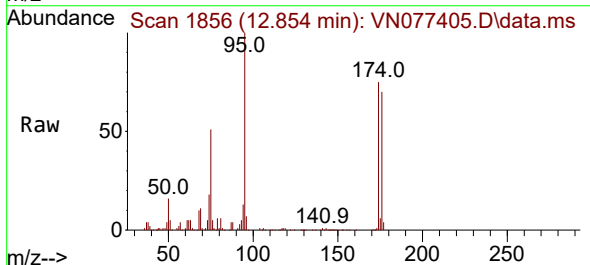
Instrument :  
MSVOA\_N  
ClientSampleId :  
SPC-2WC-23-04-17

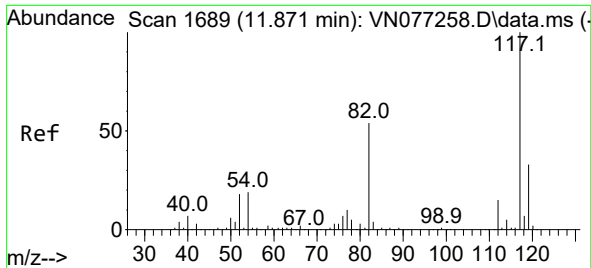
Tgt Ion: 98 Resp: 1228682  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.3 76.9



#62  
4-Bromofluorobenzene  
Concen: 46.725 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN077405.D  
Acq: 20 Apr 2023 17:11

Tgt Ion: 95 Resp: 397085  
Ion Ratio Lower Upper  
95 100  
174 73.3 0.0 146.8  
176 69.9 0.0 139.6

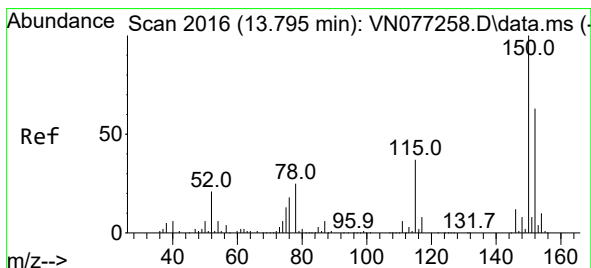
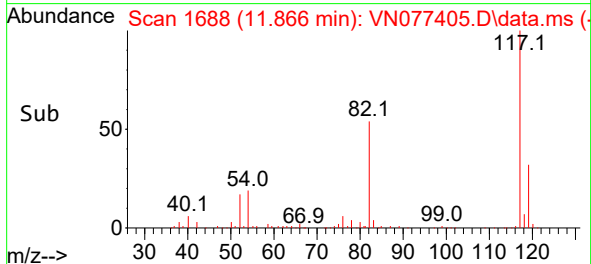
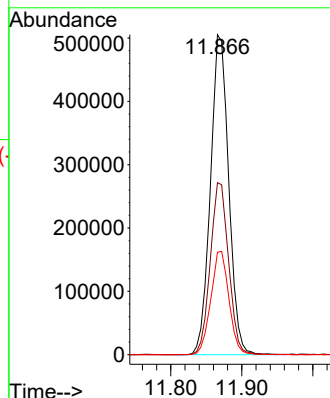
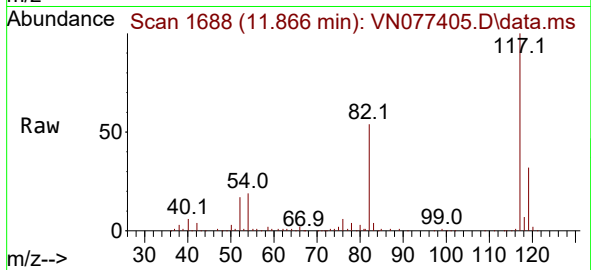




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VN077405.D  
Acq: 20 Apr 2023 17:11

Instrument :  
MSVOA\_N  
ClientSampleId :  
SPC-2WC-23-04-17

Tgt Ion:117 Resp: 902543  
Ion Ratio Lower Upper  
117 100  
82 53.8 42.9 64.3  
119 32.0 26.2 39.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN077405.D  
Acq: 20 Apr 2023 17:11

Tgt Ion:152 Resp: 329986  
Ion Ratio Lower Upper  
152 100  
115 61.4 32.1 96.3  
150 155.5 0.0 354.8

