

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111822\  
 Data File : VN075330.D  
 Acq On : 18 Nov 2022 22:16  
 Operator : JC\MD  
 Sample : PB149142ZHE#05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB149142ZHE#05

Quant Time: Nov 19 05:15:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 09:48:49 2022  
 Response via : Initial Calibration

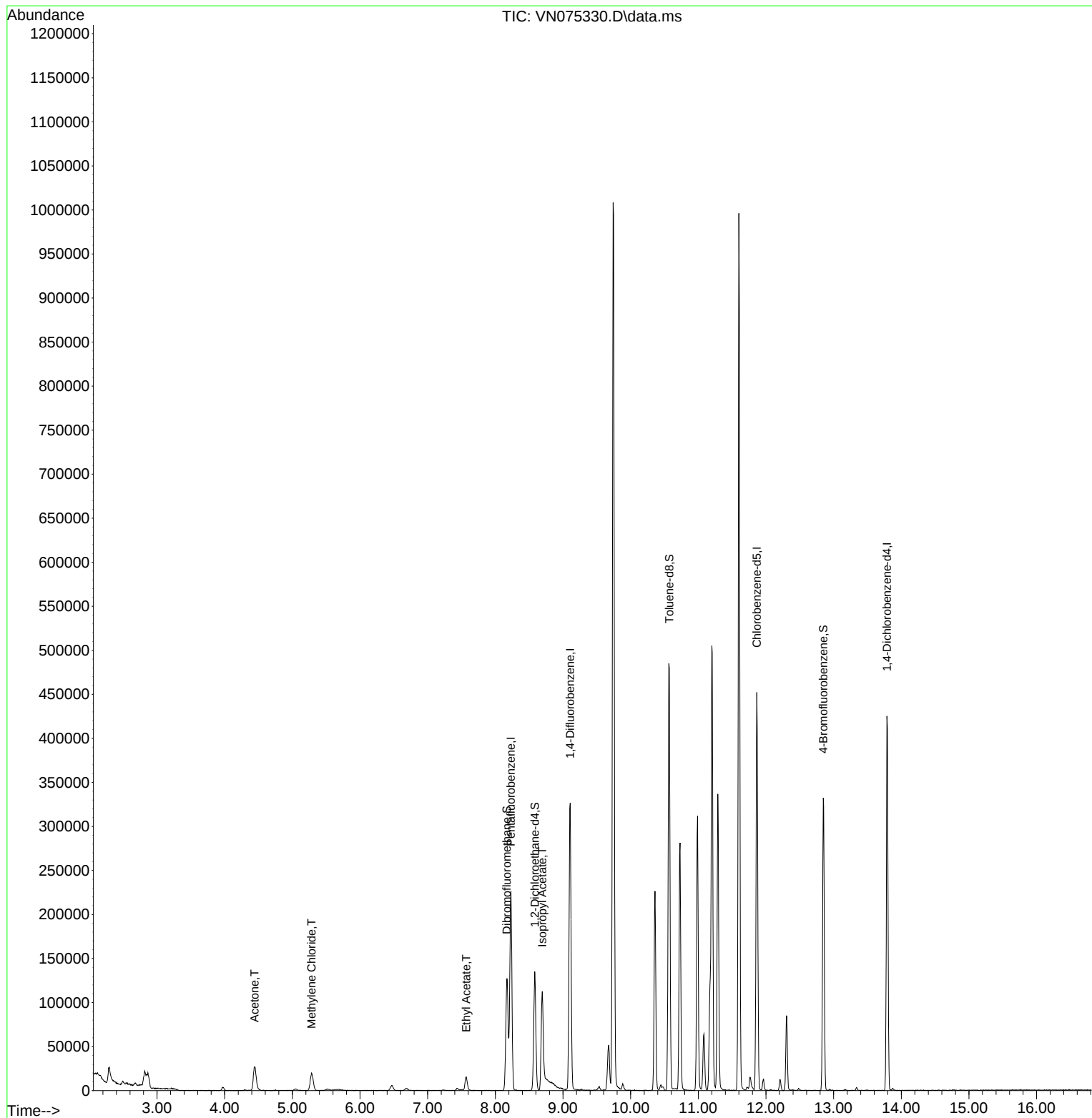
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.229  | 168   | 172365   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 301832   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 275307   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.788 | 152   | 120364   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 105332   | 45.355   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 90.700%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 92678    | 52.304   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 104.600% |
| 50) Toluene-d8              | 10.570 | 98    | 350189   | 50.940   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 101.880% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 116482   | 48.235   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 96.460%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.441  | 43    | 53112    | 54.010   | ug/l   | 91       |
| 20) Methylene Chloride      | 5.283  | 84    | 16429    | 7.493    | ug/l   | 94       |
| 37) Ethyl Acetate           | 7.571  | 43    | 23494    | 7.809    | ug/l   | 98       |
| 43) Isopropyl Acetate       | 8.694  | 43    | 140410   | 30.089   | ug/l # | 83       |
| -----                       |        |       |          |          |        |          |

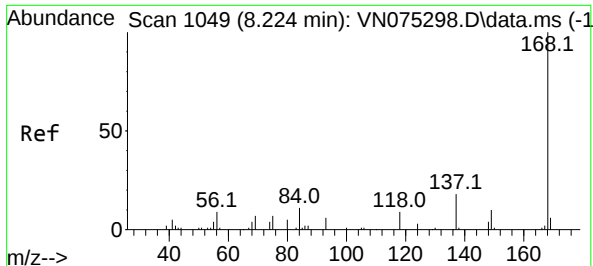
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111822\  
Data File : VN075330.D  
Acq On : 18 Nov 2022 22:16  
Operator : JC\MD  
Sample : PB149142ZHE#05  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149142ZHE#05

Quant Time: Nov 19 05:15:44 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 27 09:48:49 2022  
Response via : Initial Calibration

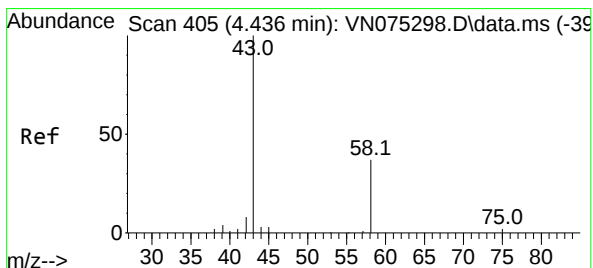
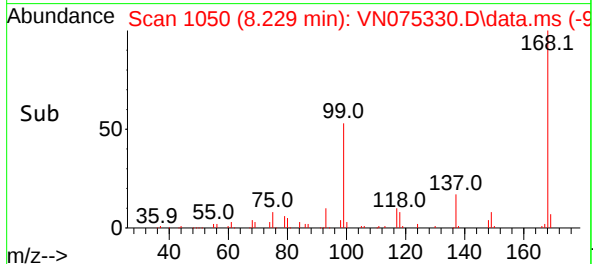
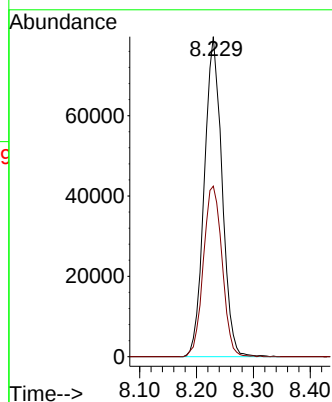
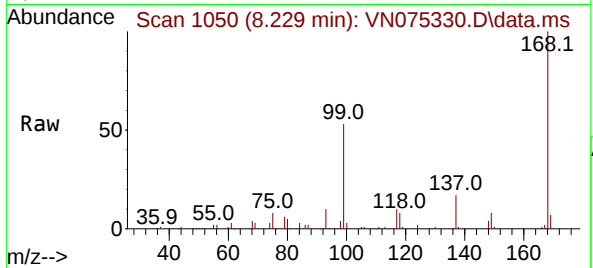




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1050  
Delta R.T. -0.001 min  
Lab File: VN075330.D  
Acq: 18 Nov 2022 22:16

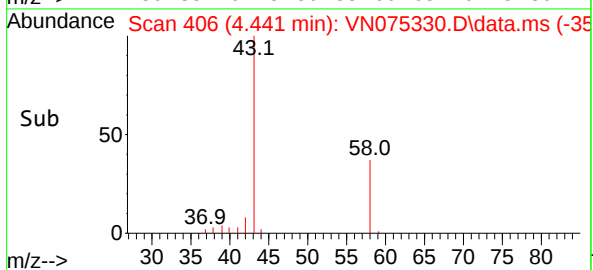
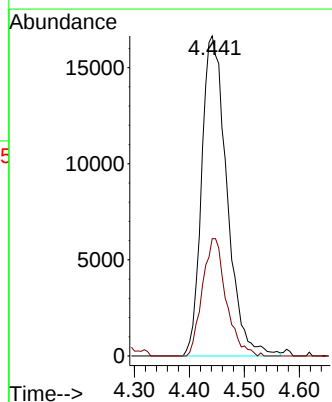
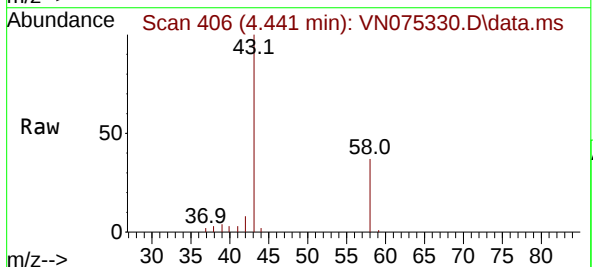
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149142ZHE#05

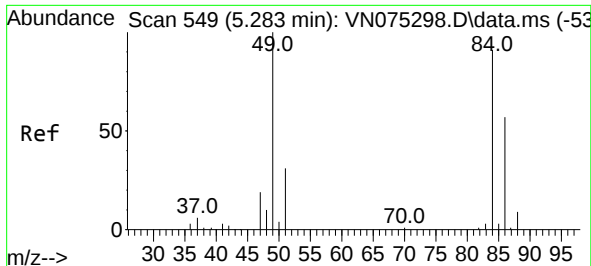
Tgt Ion:168 Resp: 172365  
Ion Ratio Lower Upper  
168 100  
99 53.3 51.6 77.4



#16  
Acetone  
Concen: 54.010 ug/l  
RT: 4.441 min Scan# 406  
Delta R.T. -0.001 min  
Lab File: VN075330.D  
Acq: 18 Nov 2022 22:16

Tgt Ion: 43 Resp: 53112  
Ion Ratio Lower Upper  
43 100  
58 36.6 25.5 38.3

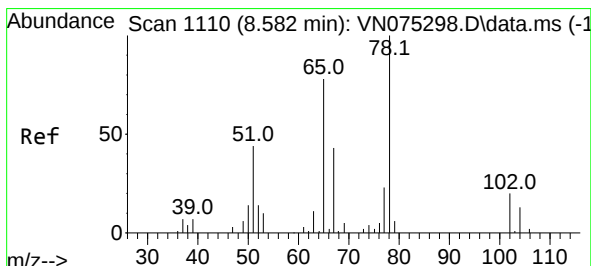
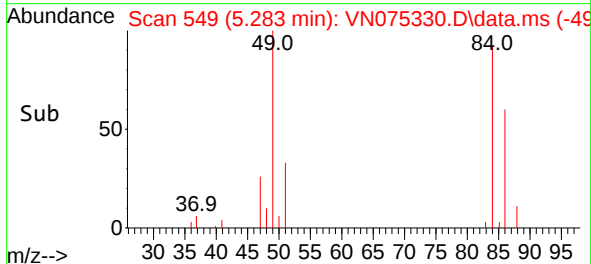
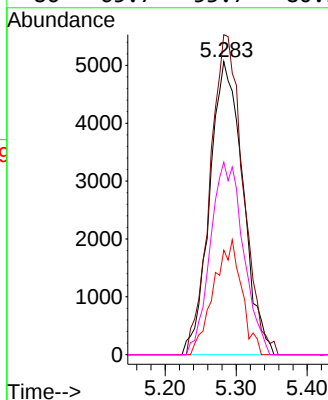
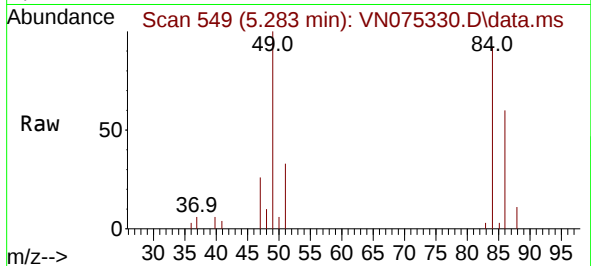




#20  
Methylene Chloride  
Concen: 7.493 ug/l  
RT: 5.283 min Scan# 549  
Delta R.T. -0.000 min  
Lab File: VN075330.D  
Acq: 18 Nov 2022 22:16

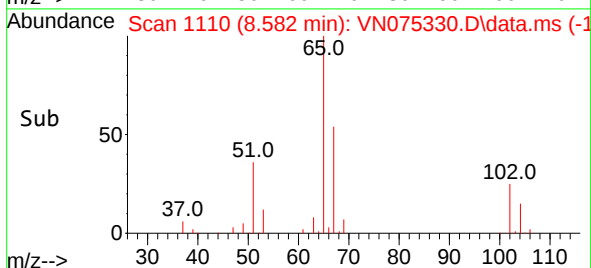
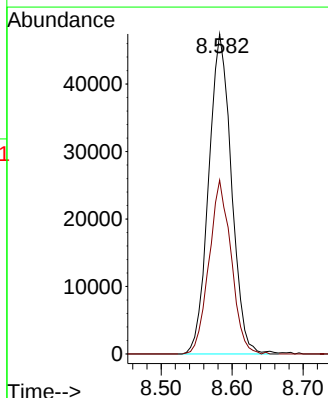
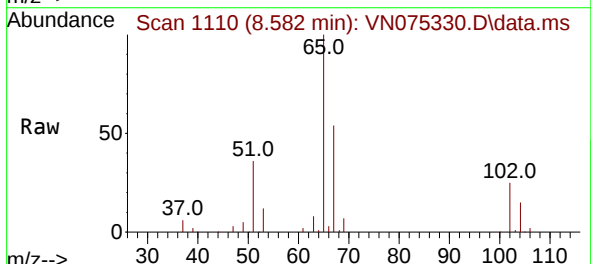
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149142ZHE#05

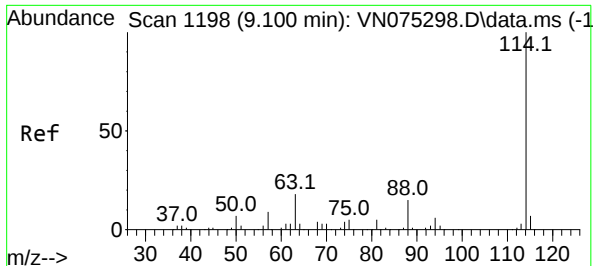
|             |             |       |       |
|-------------|-------------|-------|-------|
| Tgt Ion: 84 | Resp: 16429 |       |       |
| Ion         | Ratio       | Lower | Upper |
| 84          | 100         |       |       |
| 49          | 109.2       | 94.9  | 142.3 |
| 51          | 35.6        | 26.8  | 40.2  |
| 86          | 65.7        | 53.7  | 80.5  |



#33  
1,2-Dichloroethane-d4  
Concen: 45.355 ug/l  
RT: 8.582 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: VN075330.D  
Acq: 18 Nov 2022 22:16

|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 105332 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 67 52.8     | 0.0 102.0    |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1198

Delta R.T. -0.000 min

Lab File: VN075330.D

Acq: 18 Nov 2022 22:16

Instrument :

MSVOA\_N

ClientSampleId :

PB149142ZHE#05

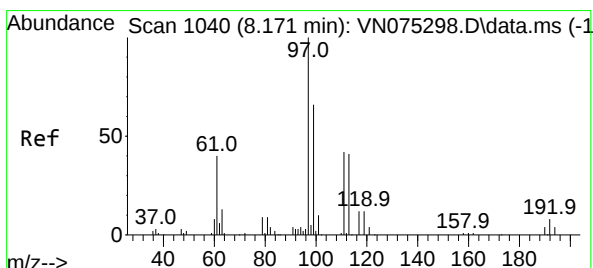
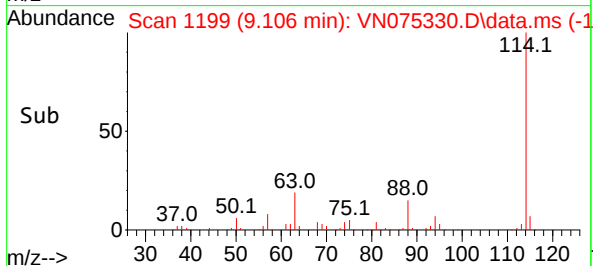
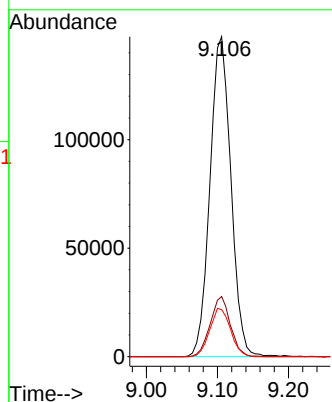
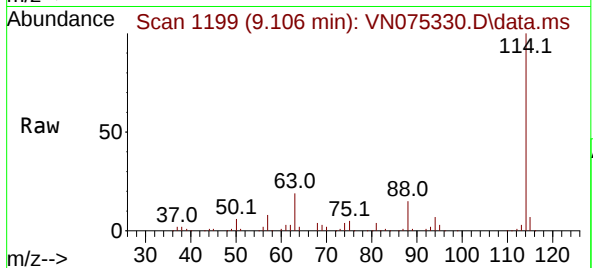
Tgt Ion:114 Resp: 301832

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.304 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075330.D

Acq: 18 Nov 2022 22:16

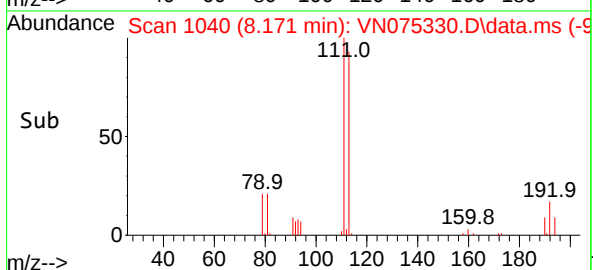
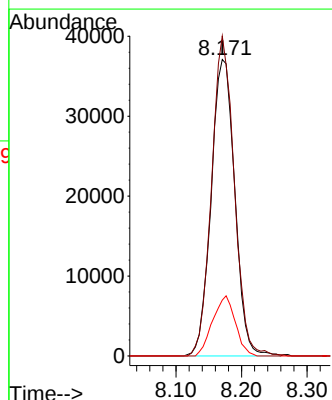
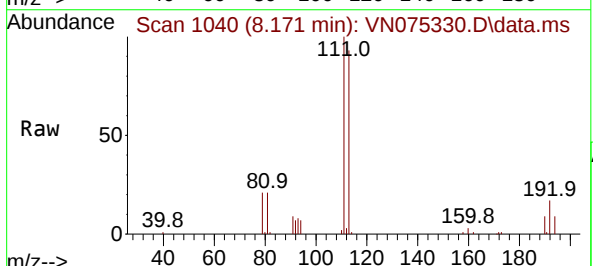
Tgt Ion:113 Resp: 92678

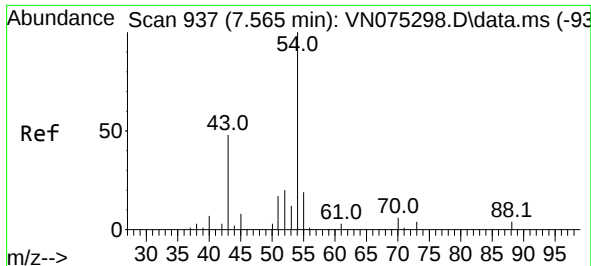
Ion Ratio Lower Upper

113 100

111 103.4 80.5 120.7

192 19.5 13.2 19.8

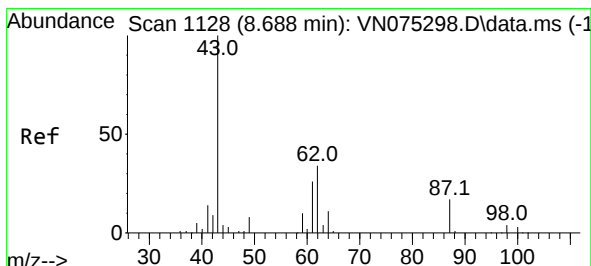
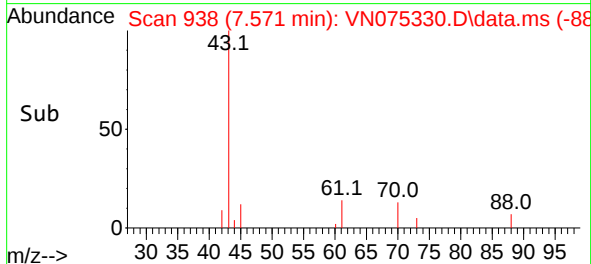
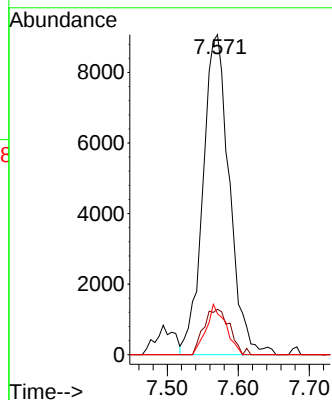
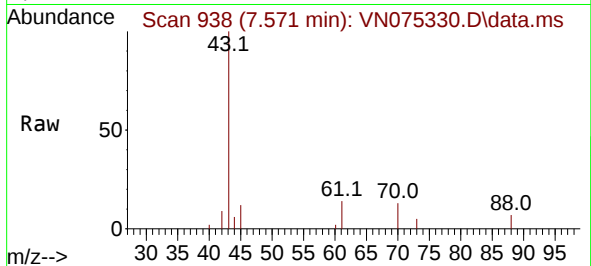




#37  
Ethyl Acetate  
Concen: 7.809 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN075330.D  
Acq: 18 Nov 2022 22:16

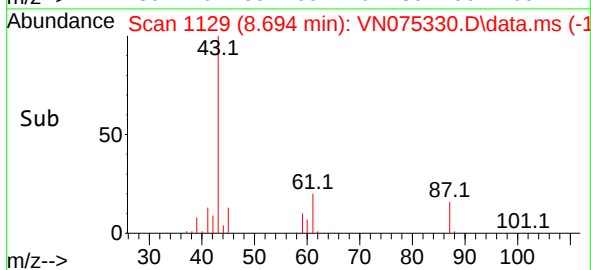
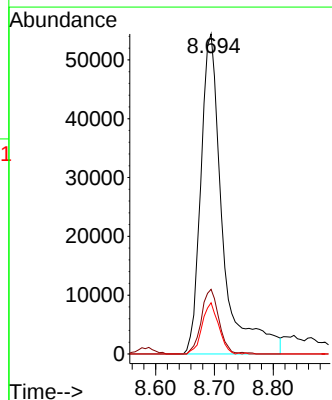
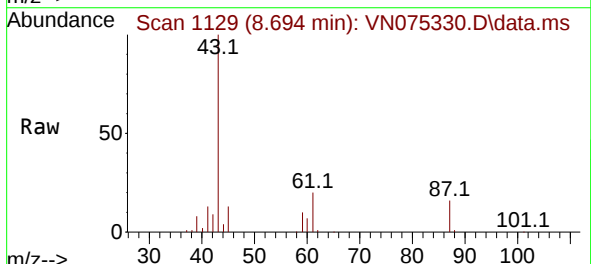
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149142ZHE#05

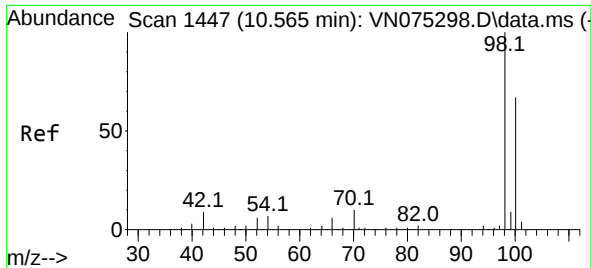
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 23494 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.0  | 12.2  | 18.4  |
| 70       | 11.6  | 9.4   | 14.2  |



#43  
Isopropyl Acetate  
Concen: 30.089 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VN075330.D  
Acq: 18 Nov 2022 22:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 140410 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 16.2  | 22.4  | 33.6#  |
| 87       | 12.2  | 12.5  | 18.7#  |

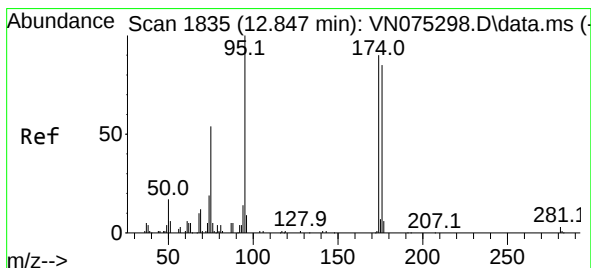
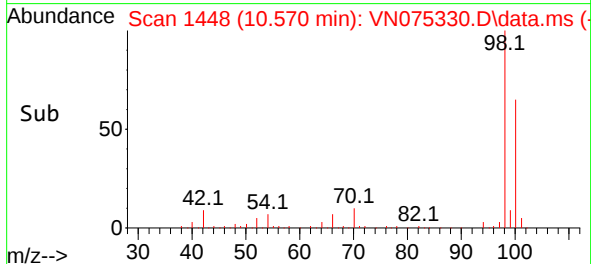
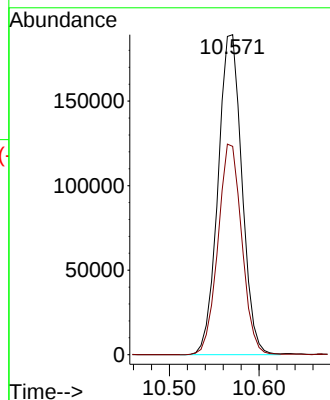
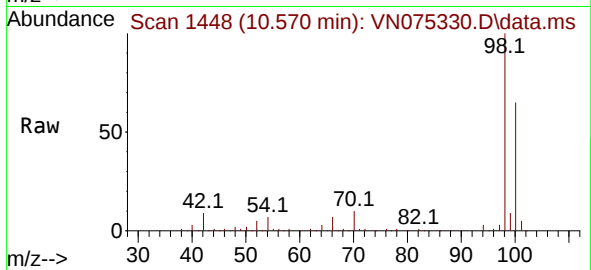




#50  
Toluene-d8  
Concen: 50.940 ug/l  
RT: 10.570 min Scan# 1447  
Delta R.T. -0.001 min  
Lab File: VN075330.D  
Acq: 18 Nov 2022 22:16

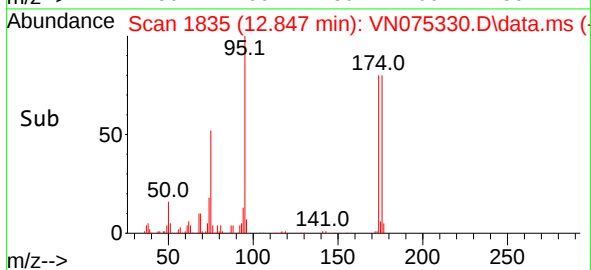
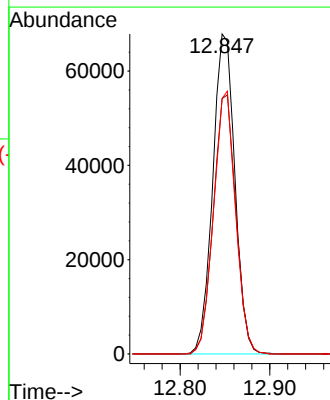
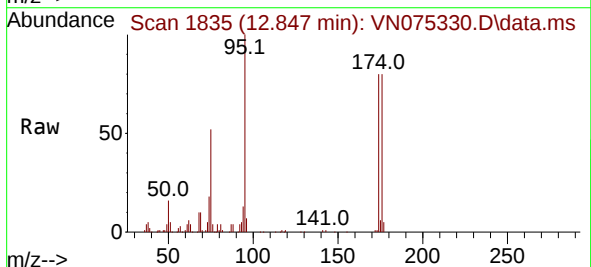
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149142ZHE#05

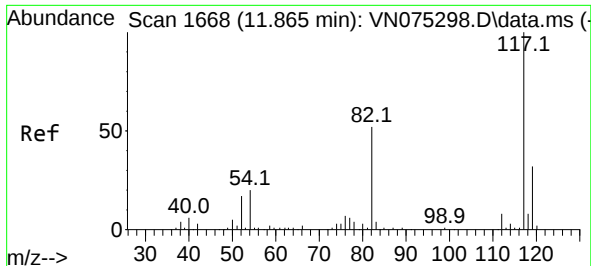
Tgt Ion: 98 Resp: 350189  
Ion Ratio Lower Upper  
98 100  
100 65.6 53.0 79.6



#62  
4-Bromofluorobenzene  
Concen: 48.235 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. -0.006 min  
Lab File: VN075330.D  
Acq: 18 Nov 2022 22:16

Tgt Ion: 95 Resp: 116482  
Ion Ratio Lower Upper  
95 100  
174 82.1 0.0 147.4  
176 81.2 0.0 142.2

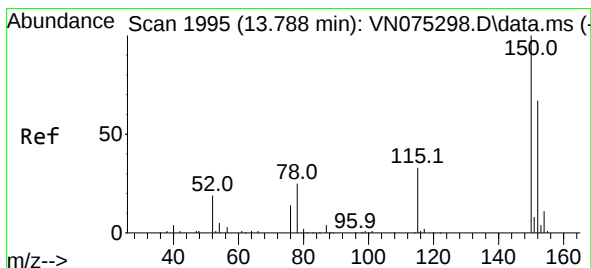
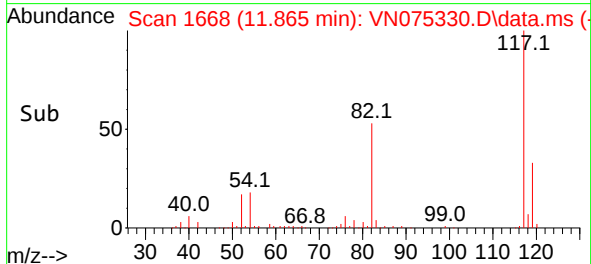
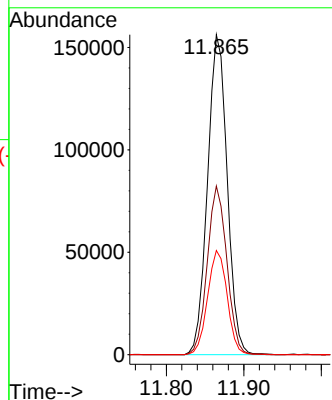
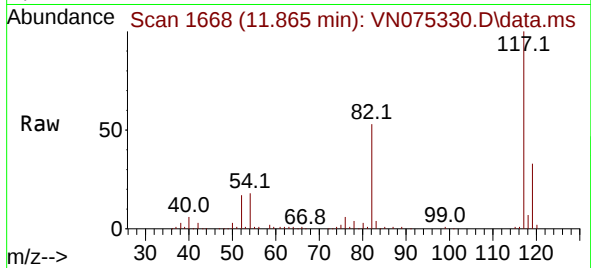




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VN075330.D  
Acq: 18 Nov 2022 22:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149142ZHE#05

Tgt Ion:117 Resp: 275307  
Ion Ratio Lower Upper  
117 100  
82 52.7 43.1 64.7  
119 32.6 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 1995  
Delta R.T. -0.006 min  
Lab File: VN075330.D  
Acq: 18 Nov 2022 22:16

Tgt Ion:152 Resp: 120364  
Ion Ratio Lower Upper  
152 100  
115 59.3 30.2 90.6  
150 158.0 0.0 348.4

