

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030124\  
 Data File : VN081282.D  
 Acq On : 01 Mar 2024 13:56  
 Operator : JC\MD  
 Sample : PB153949ZHE#04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB153949ZHE#04

Quant Time: Mar 01 22:17:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021624W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 16 23:45:20 2024  
 Response via : Initial Calibration

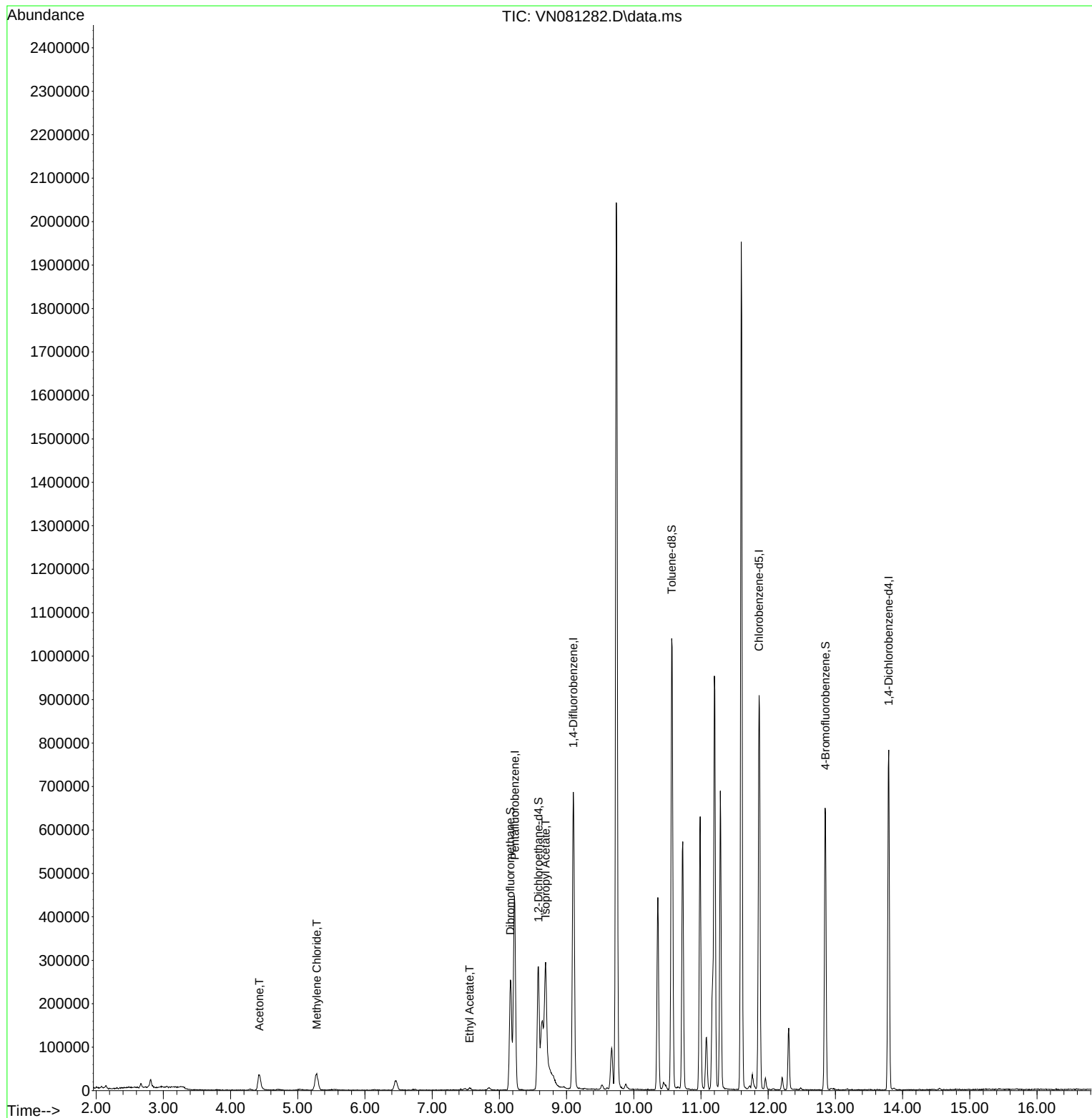
| Compound                    | R.T. QIon |                | Response | Conc        | Units  | Dev(Min) |
|-----------------------------|-----------|----------------|----------|-------------|--------|----------|
| -----                       |           |                |          |             |        |          |
| Internal Standards          |           |                |          |             |        |          |
| 1) Pentafluorobenzene       | 8.230     | 168            | 310766   | 50.000      | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100     | 114            | 585644   | 50.000      | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865    | 117            | 527408   | 50.000      | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152            | 200043   | 50.000      | ug/l   | 0.00     |
| System Monitoring Compounds |           |                |          |             |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.582     | 65             | 230578   | 60.533      | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 74 - 125 | Recovery | = 121.060%  |        |          |
| 35) Dibromofluoromethane    | 8.165     | 113            | 177052   | 53.464      | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | = 106.920%  |        |          |
| 50) Toluene-d8              | 10.565    | 98             | 710448   | 60.402      | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 86 - 113 | Recovery | = 120.800%# |        |          |
| 62) 4-Bromofluorobenzene    | 12.853    | 95             | 224404   | 50.774      | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range 83 - 123 | Recovery | = 101.540%  |        |          |
| Target Compounds            |           |                |          |             |        |          |
|                             |           |                |          |             |        | Qvalue   |
| 16) Acetone                 | 4.430     | 43             | 70204    | 46.840      | ug/l   | 96       |
| 20) Methylene Chloride      | 5.283     | 84             | 30287    | 7.012       | ug/l   | 87       |
| 37) Ethyl Acetate           | 7.559     | 43             | 7009     | 1.369       | ug/l   | 99       |
| 43) Isopropyl Acetate       | 8.688     | 43             | 432016   | 48.241      | ug/l # | 78       |
| -----                       |           |                |          |             |        |          |

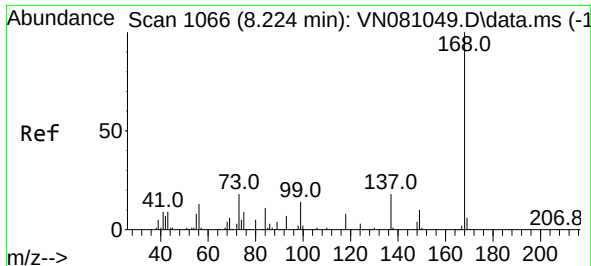
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Feb 16 23:45:20 2024  
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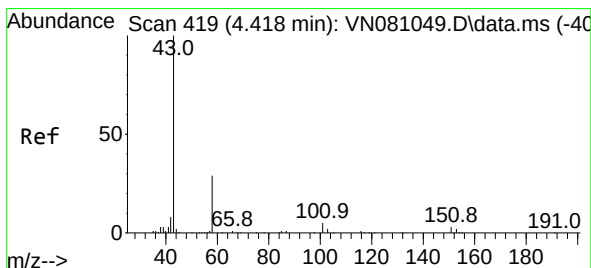
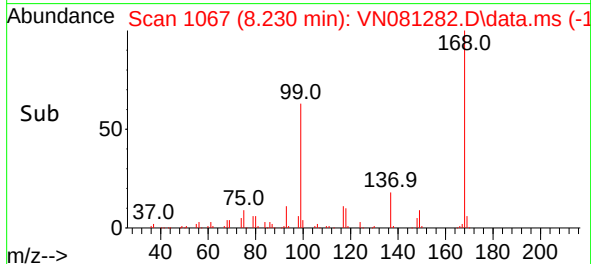
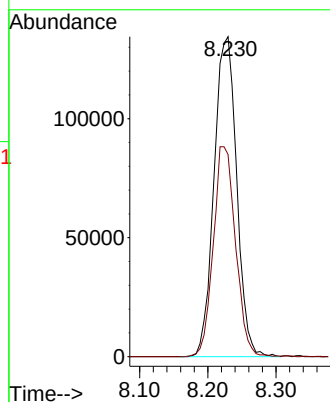
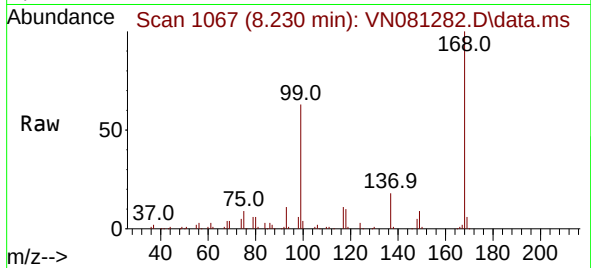




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN081282.D  
Acq: 01 Mar 2024 13:56

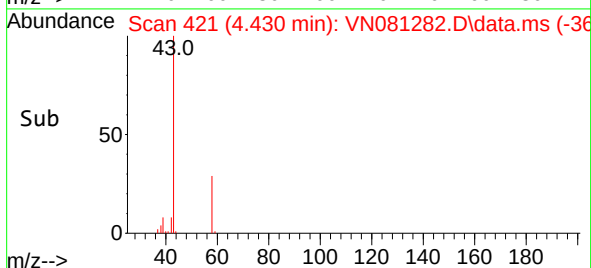
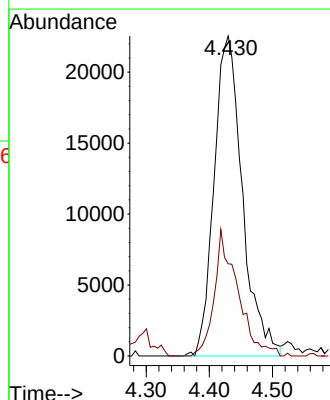
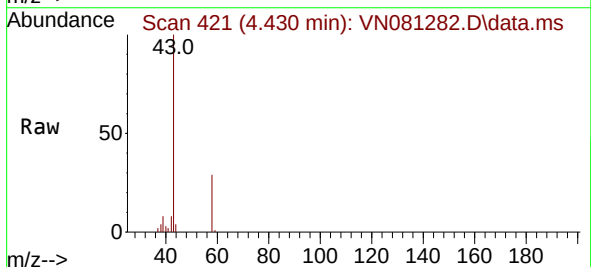
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153949ZHE#04

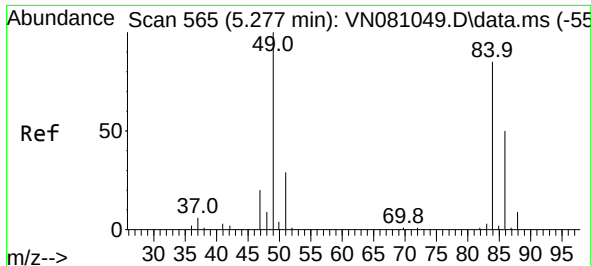
Tgt Ion:168 Resp: 310766  
Ion Ratio Lower Upper  
168 100  
99 63.2 59.9 89.9



#16  
Acetone  
Concen: 46.840 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.012 min  
Lab File: VN081282.D  
Acq: 01 Mar 2024 13:56

Tgt Ion: 43 Resp: 70204  
Ion Ratio Lower Upper  
43 100  
58 28.8 24.8 37.2



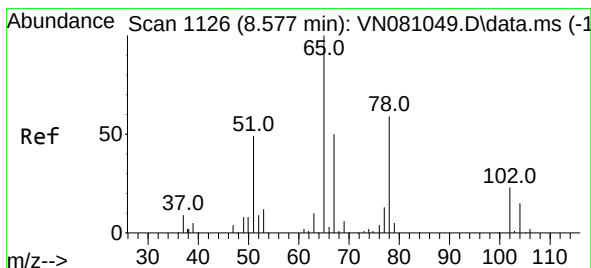
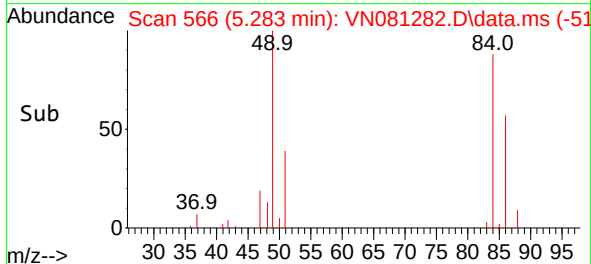
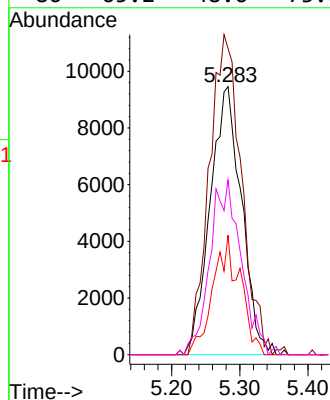
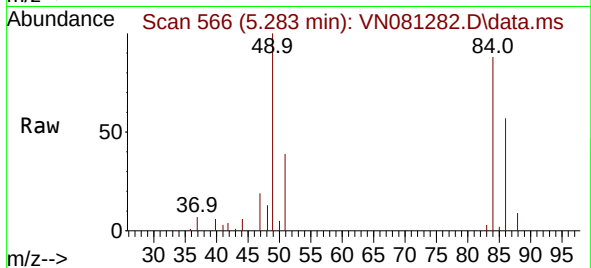


#20  
Methylene Chloride  
Concen: 7.012 ug/l  
RT: 5.283 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN081282.D  
Acq: 01 Mar 2024 13:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153949ZHE#04

Tgt Ion: 84 Resp: 30287

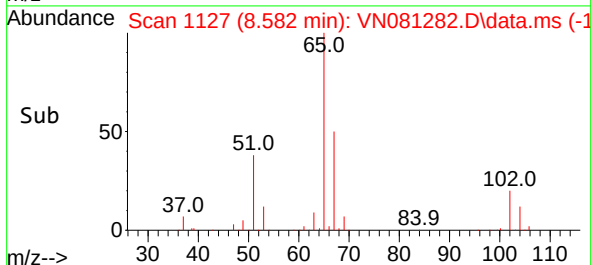
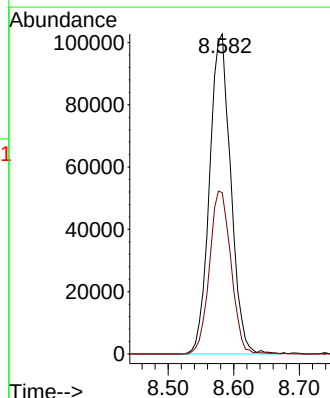
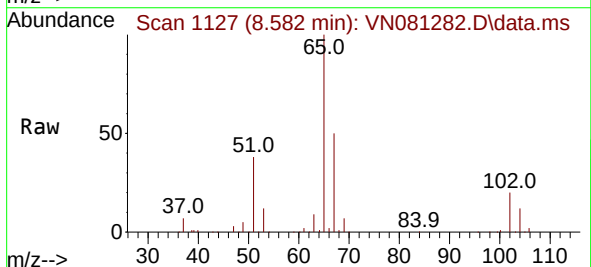
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 112.6 | 108.1 | 162.1 |
| 51  | 44.6  | 32.9  | 49.3  |
| 86  | 65.2  | 48.6  | 73.0  |

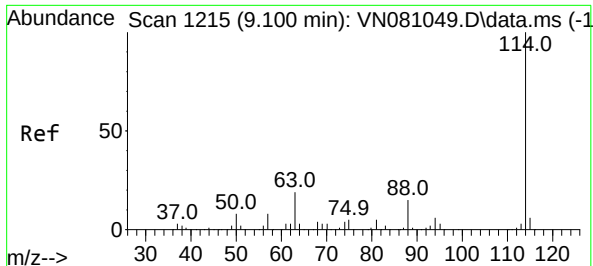


#33  
1,2-Dichloroethane-d4  
Concen: 60.533 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN081282.D  
Acq: 01 Mar 2024 13:56

Tgt Ion: 65 Resp: 230578

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.6  | 0.0   | 102.4 |

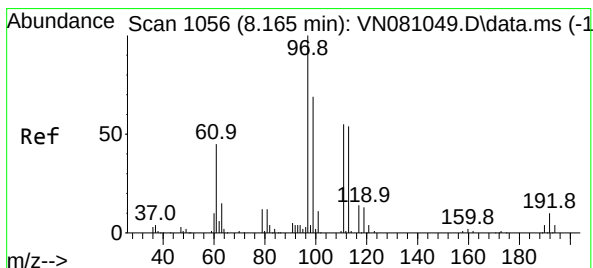
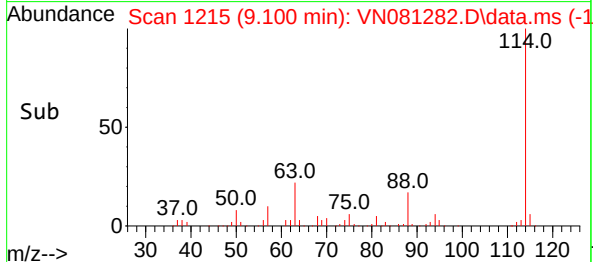
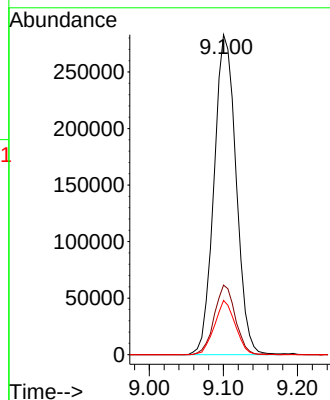
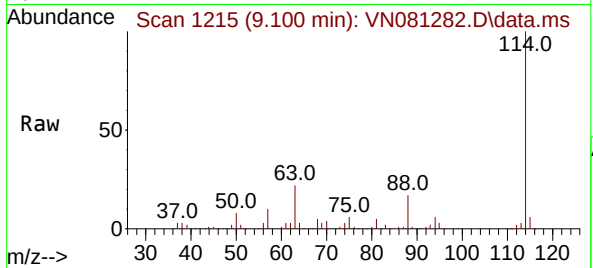




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN081282.D  
Acq: 01 Mar 2024 13:56

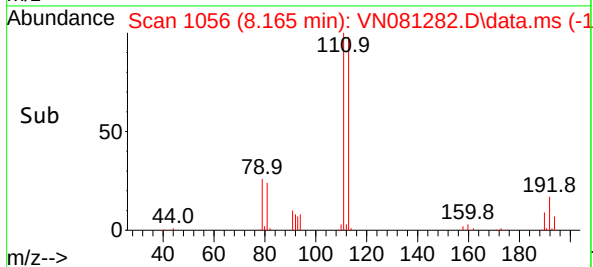
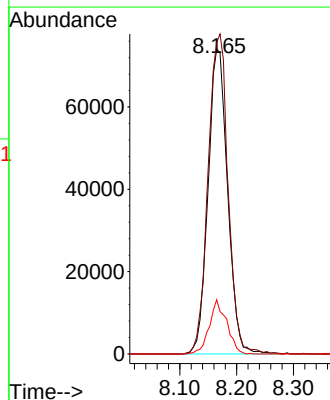
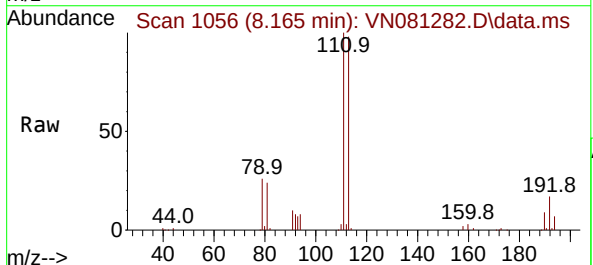
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153949ZHE#04

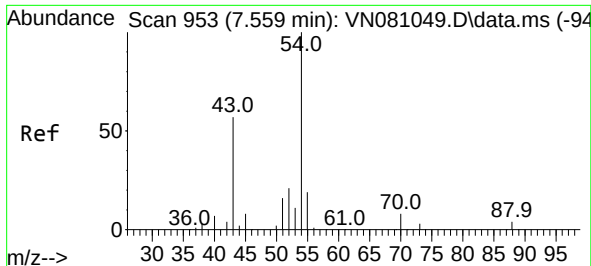
Tgt Ion:114 Resp: 585644  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 48.0  
88 17.0 0.0 34.8



#35  
Dibromofluoromethane  
Concen: 53.464 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN081282.D  
Acq: 01 Mar 2024 13:56

Tgt Ion:113 Resp: 177052  
Ion Ratio Lower Upper  
113 100  
111 107.1 82.2 123.4  
192 15.9 12.5 18.7

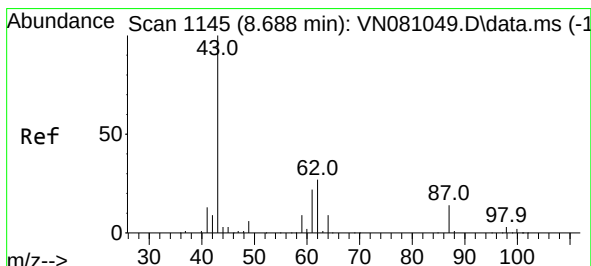
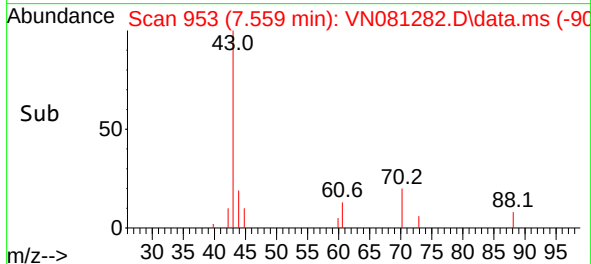
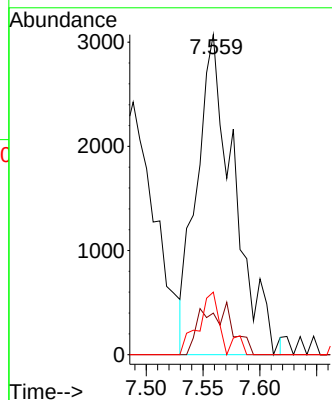
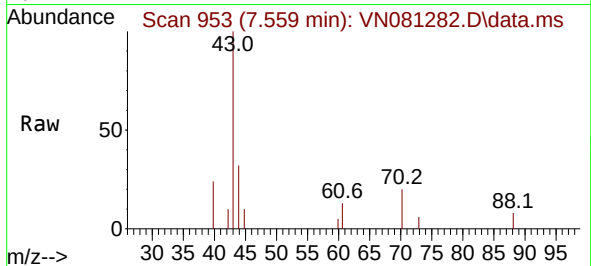




#37  
Ethyl Acetate  
Concen: 1.369 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN081282.D  
Acq: 01 Mar 2024 13:56

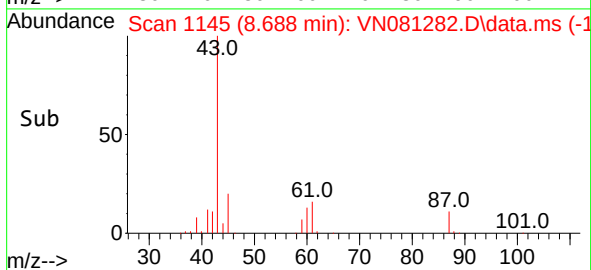
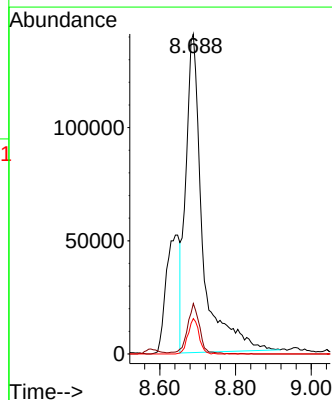
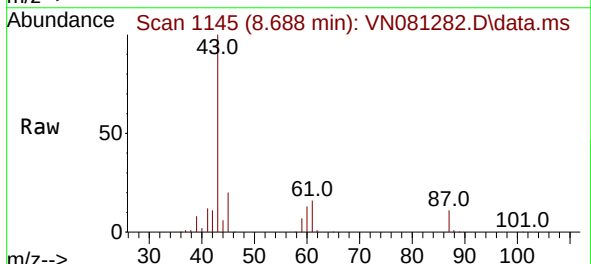
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153949ZHE#04

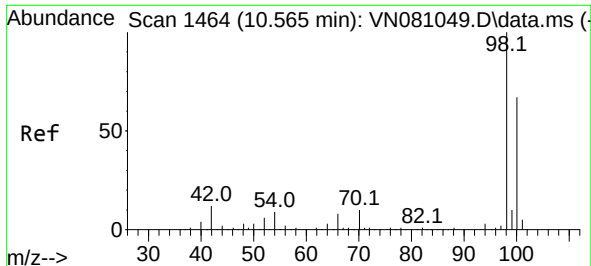
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 7009  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.4  | 10.6  | 15.8  |
| 70       | 10.5  | 8.0   | 12.0  |



#43  
Isopropyl Acetate  
Concen: 48.241 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN081282.D  
Acq: 01 Mar 2024 13:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 432016 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 11.6  | 19.9  | 29.9#  |
| 87       | 7.3   | 9.0   | 13.6#  |

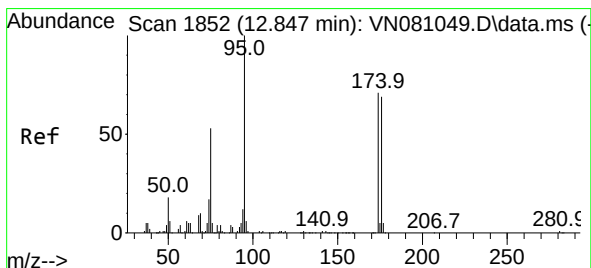
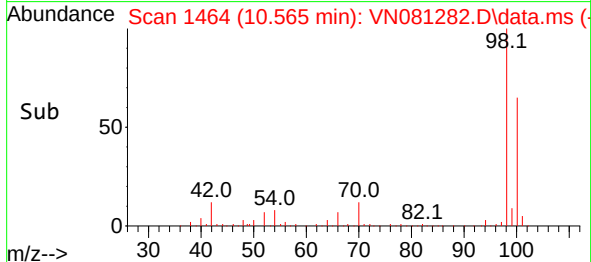
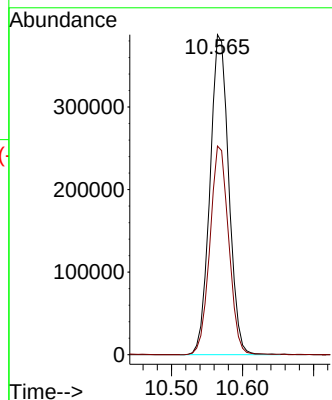
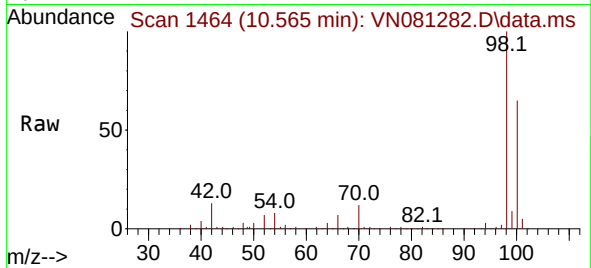




#50  
Toluene-d8  
Concen: 60.402 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN081282.D  
Acq: 01 Mar 2024 13:56

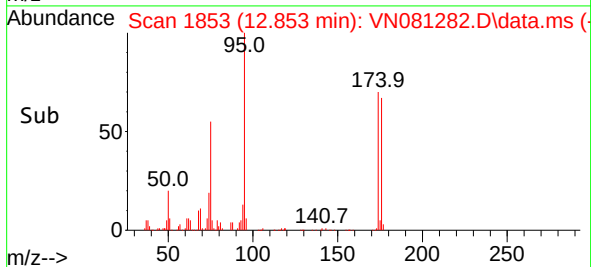
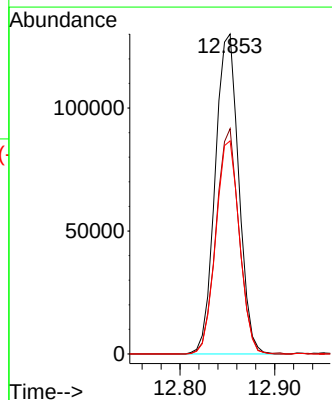
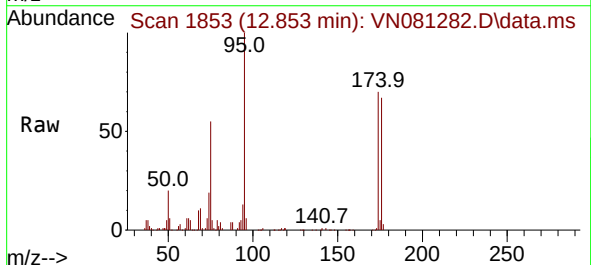
Instrument :  
MSVOA\_N  
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PB153949ZHE#04

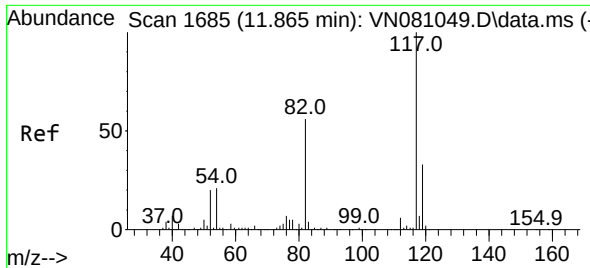
Tgt Ion: 98 Resp: 710448  
Ion Ratio Lower Upper  
98 100  
100 65.4 51.4 77.0



#62  
4-Bromofluorobenzene  
Concen: 50.774 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN081282.D  
Acq: 01 Mar 2024 13:56

Tgt Ion: 95 Resp: 224404  
Ion Ratio Lower Upper  
95 100  
174 68.9 0.0 120.4  
176 67.0 0.0 121.0

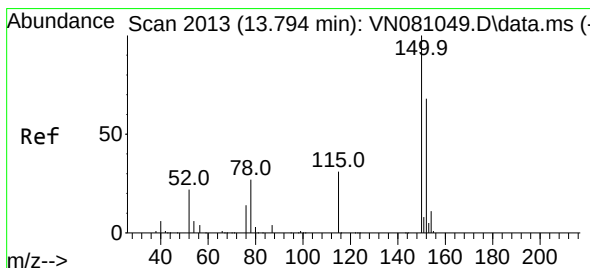
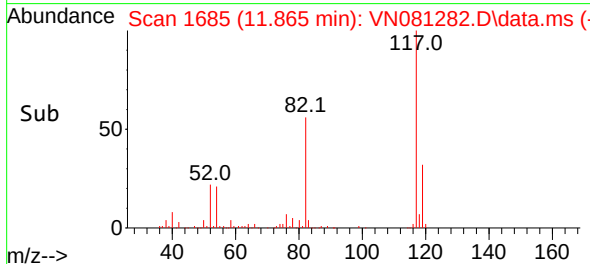
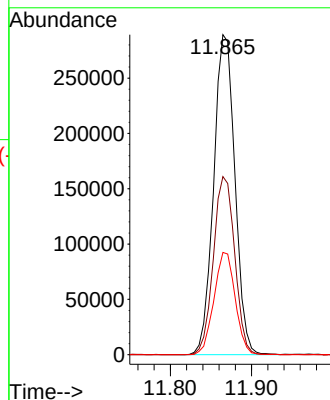
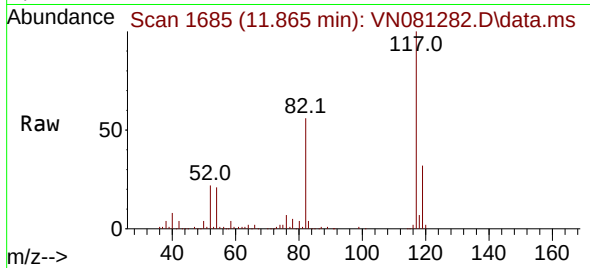




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN081282.D  
Acq: 01 Mar 2024 13:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB153949ZHE#04

Tgt Ion:117 Resp: 527408  
Ion Ratio Lower Upper  
117 100  
82 55.7 52.7 79.1  
119 31.9 25.3 37.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN081282.D  
Acq: 01 Mar 2024 13:56

Tgt Ion:152 Resp: 200043  
Ion Ratio Lower Upper  
152 100  
115 63.7 32.3 96.8  
150 156.1 0.0 339.8

