

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021524\  
 Data File : VN081038.D  
 Acq On : 15 Feb 2024 14:24  
 Operator : JC\MD  
 Sample : VN0215MBL02  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0215MBL02

Quant Time: Feb 16 00:24:48 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021424W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 15 07:59:19 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 569423   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 1022830  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 922312   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 323474   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 336509   | 48.045   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 96.100% |
| 35) Dibromofluoromethane    | 8.165  | 113   | 281017   | 47.919   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 95.840% |
| 50) Toluene-d8              | 10.565 | 98    | 985208   | 47.635   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 95.280% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 341160   | 48.501   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 97.000% |

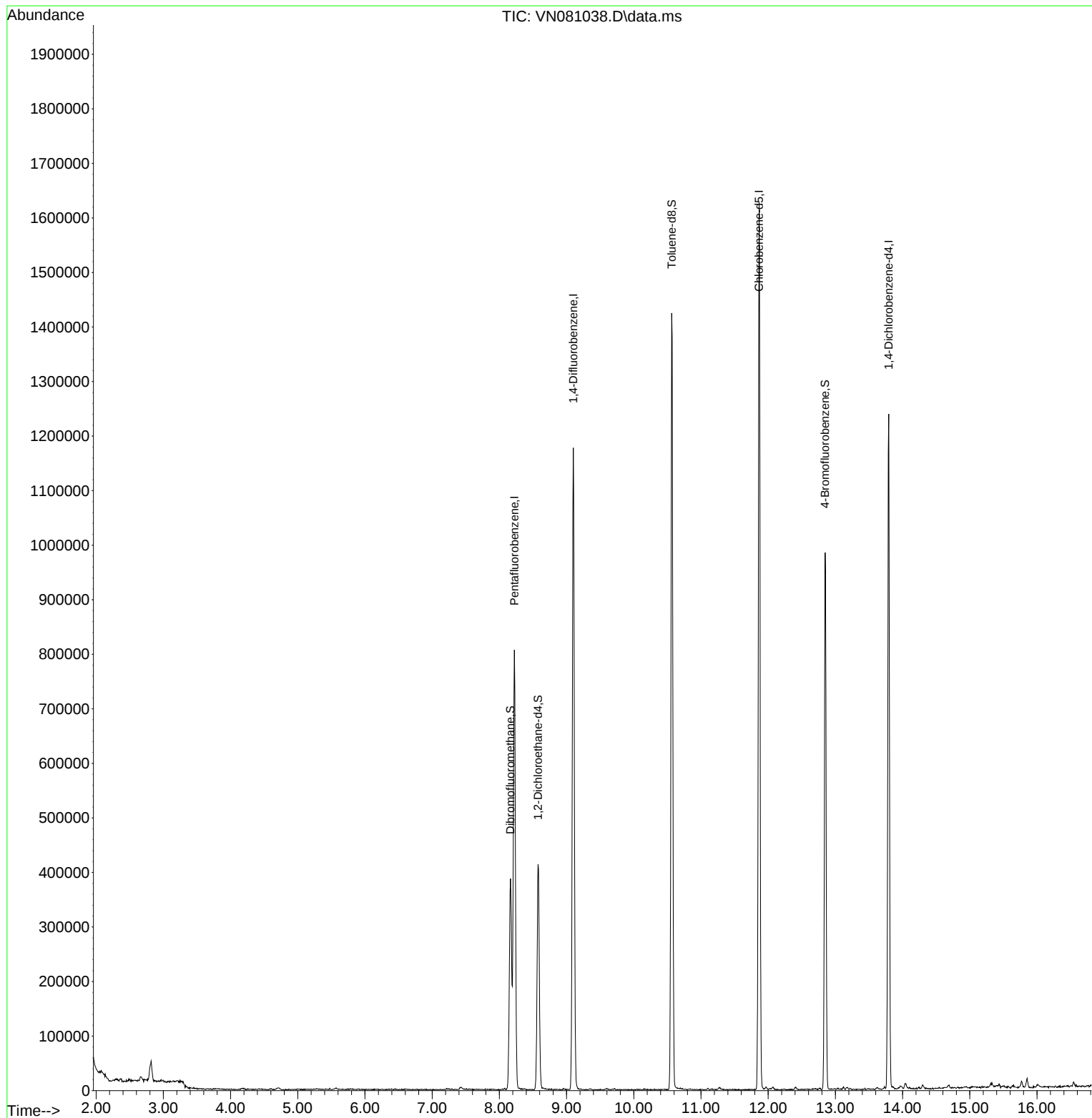
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

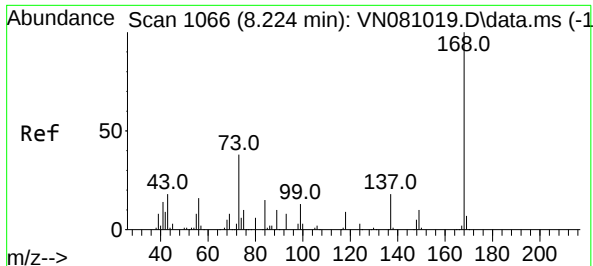
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0215MBL02

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021424W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 15 07:59:19 2024  
Response via : Initial Calibration

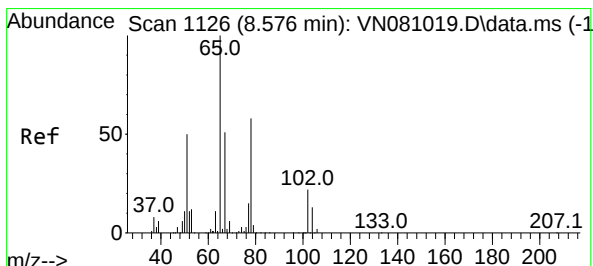
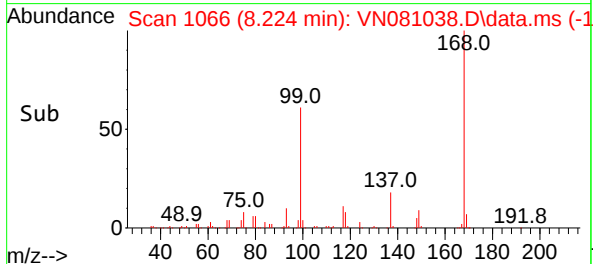
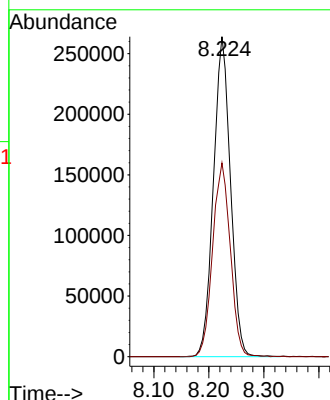
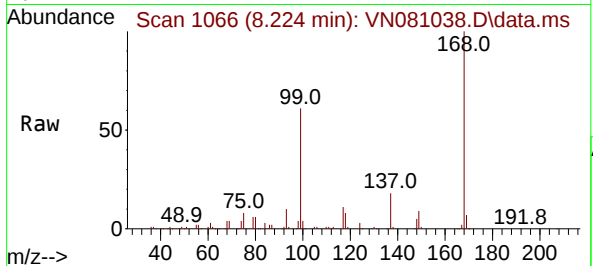




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN081038.D  
Acq: 15 Feb 2024 14:24

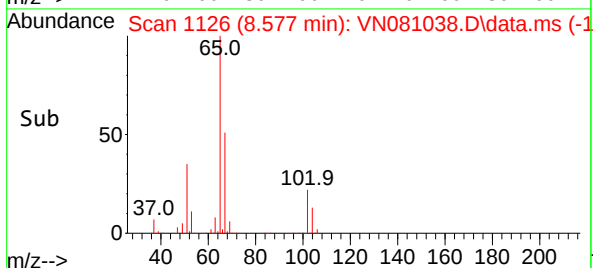
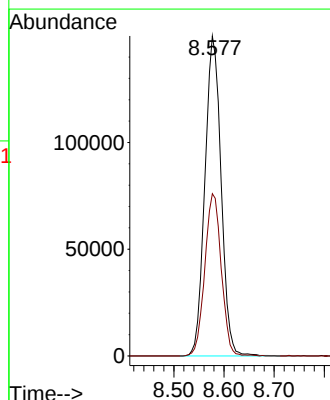
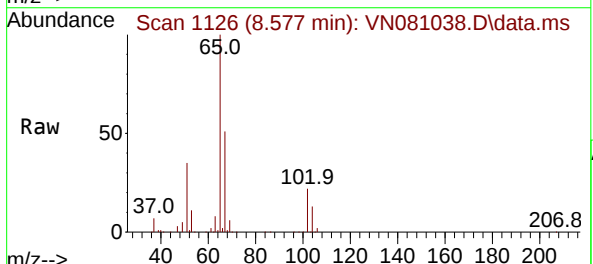
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0215MBL02

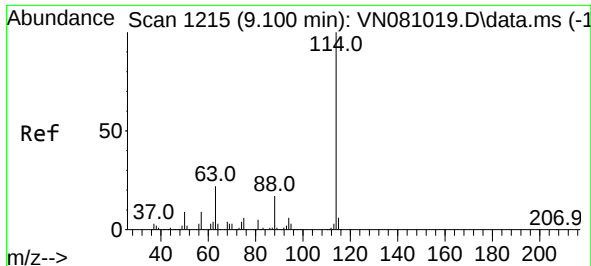
Tgt Ion:168 Resp: 569423  
Ion Ratio Lower Upper  
168 100  
99 60.6 59.9 89.9



#33  
1,2-Dichloroethane-d4  
Concen: 48.045 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN081038.D  
Acq: 15 Feb 2024 14:24

Tgt Ion: 65 Resp: 336509  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 102.4

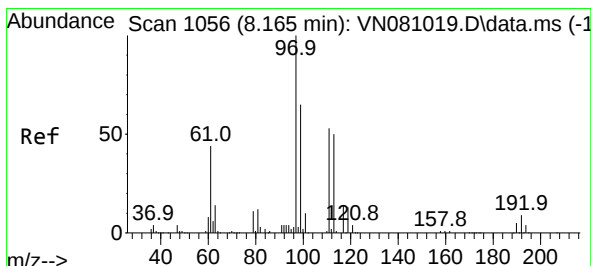
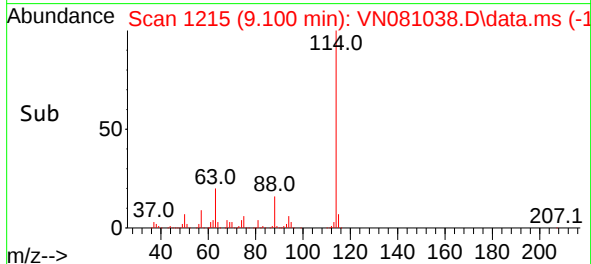
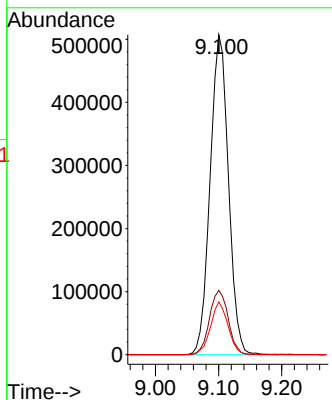
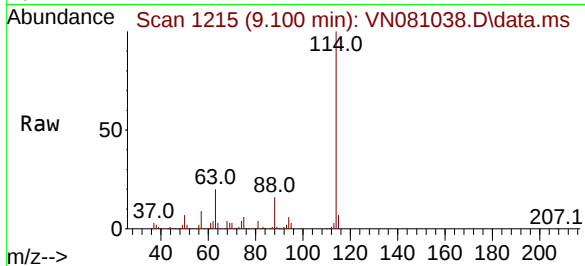




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081038.D  
Acq: 15 Feb 2024 14:24

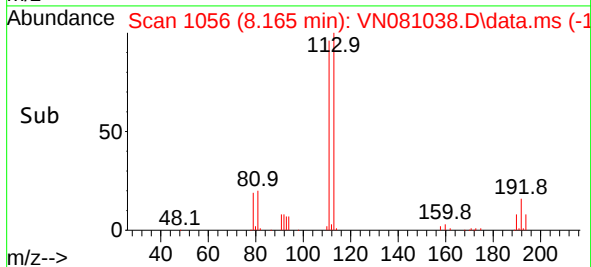
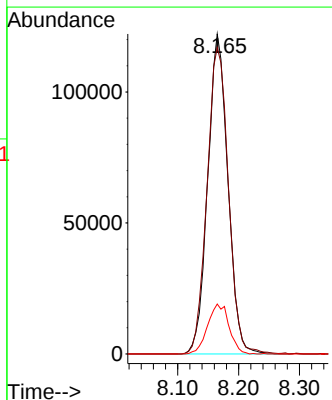
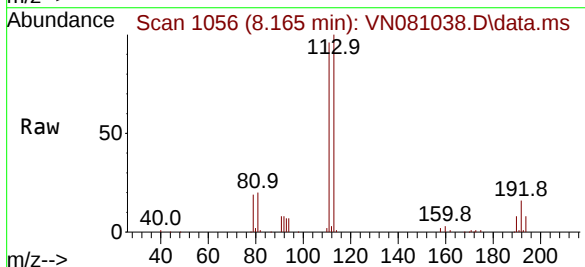
Instrument :  
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ClientSampleId :  
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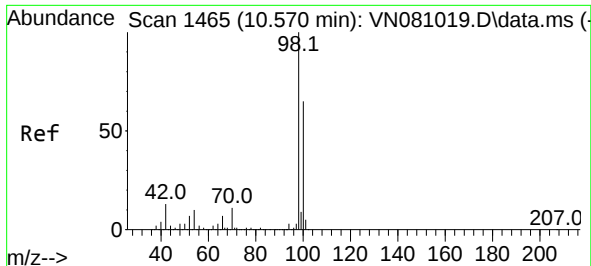
Tgt Ion:114 Resp: 1022830  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 48.0  
88 16.5 0.0 34.8



#35  
Dibromofluoromethane  
Concen: 47.919 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN081038.D  
Acq: 15 Feb 2024 14:24

Tgt Ion:113 Resp: 281017  
Ion Ratio Lower Upper  
113 100  
111 101.2 82.2 123.4  
192 16.6 12.5 18.7

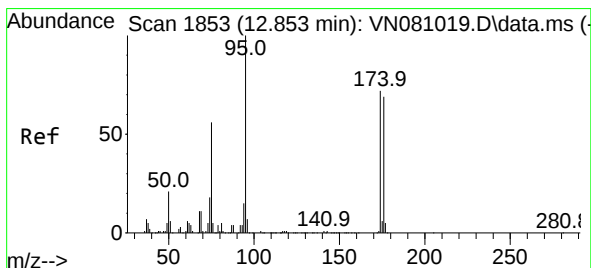
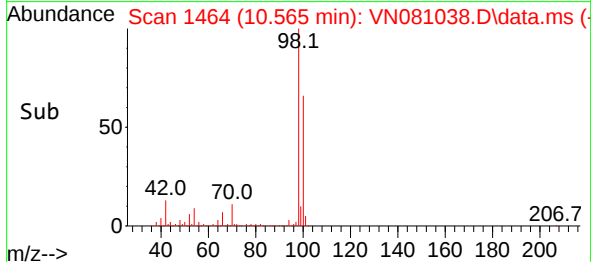
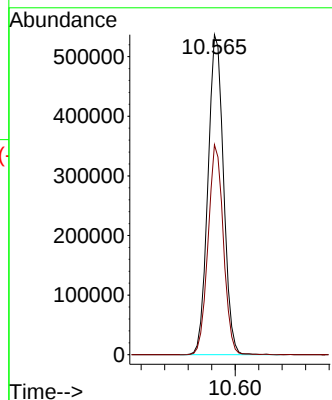
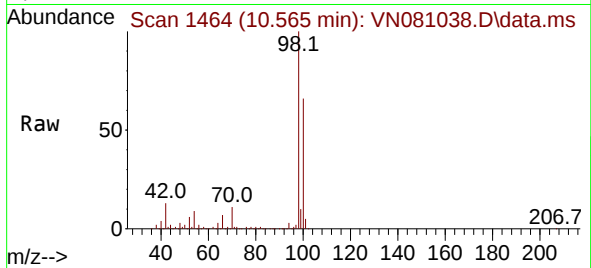




#50  
Toluene-d8  
Concen: 47.635 ug/l  
RT: 10.565 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: VN081038.D  
Acq: 15 Feb 2024 14:24

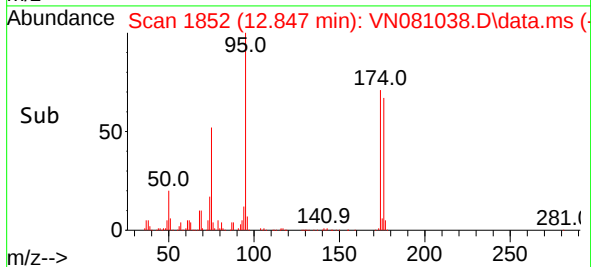
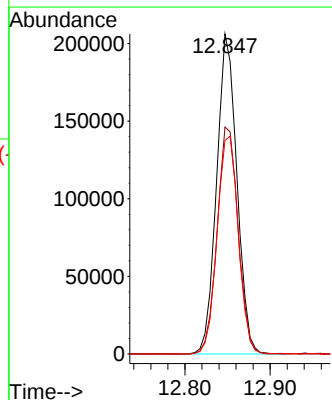
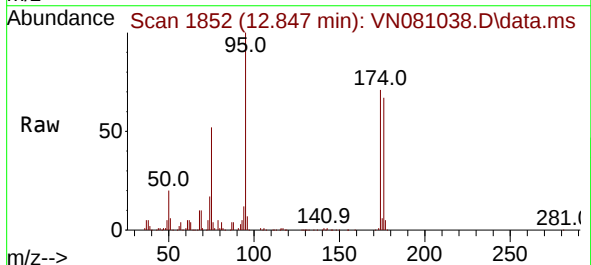
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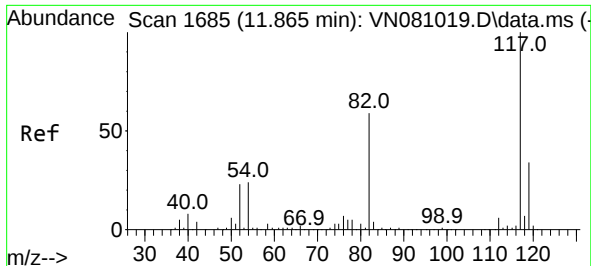
Tgt Ion: 98 Resp: 985208  
Ion Ratio Lower Upper  
98 100  
100 64.6 51.4 77.0



#62  
4-Bromofluorobenzene  
Concen: 48.501 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.006 min  
Lab File: VN081038.D  
Acq: 15 Feb 2024 14:24

Tgt Ion: 95 Resp: 341160  
Ion Ratio Lower Upper  
95 100  
174 73.1 0.0 120.4  
176 71.2 0.0 121.0

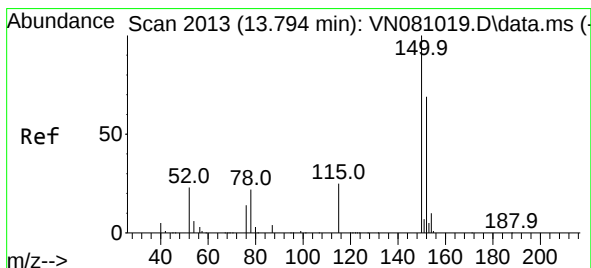
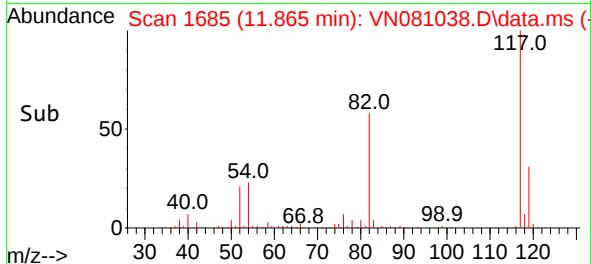
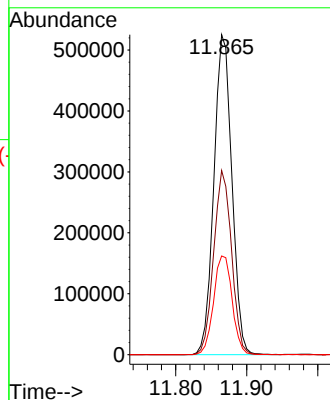
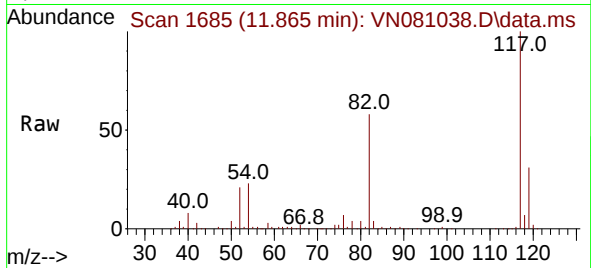




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN081038.D  
Acq: 15 Feb 2024 14:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0215MBL02

Tgt Ion:117 Resp: 922312  
Ion Ratio Lower Upper  
117 100  
82 57.5 52.7 79.1  
119 30.8 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: VN081038.D  
Acq: 15 Feb 2024 14:24

Tgt Ion:152 Resp: 323474  
Ion Ratio Lower Upper  
152 100  
115 63.0 32.3 96.8  
150 158.3 0.0 339.8

