

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081624\  
 Data File : VN083355.D  
 Acq On : 16 Aug 2024 15:39  
 Operator : JC\MD  
 Sample : P3628-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 371

Quant Time: Aug 17 01:47:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 08 06:30:41 2024  
 Response via : Initial Calibration

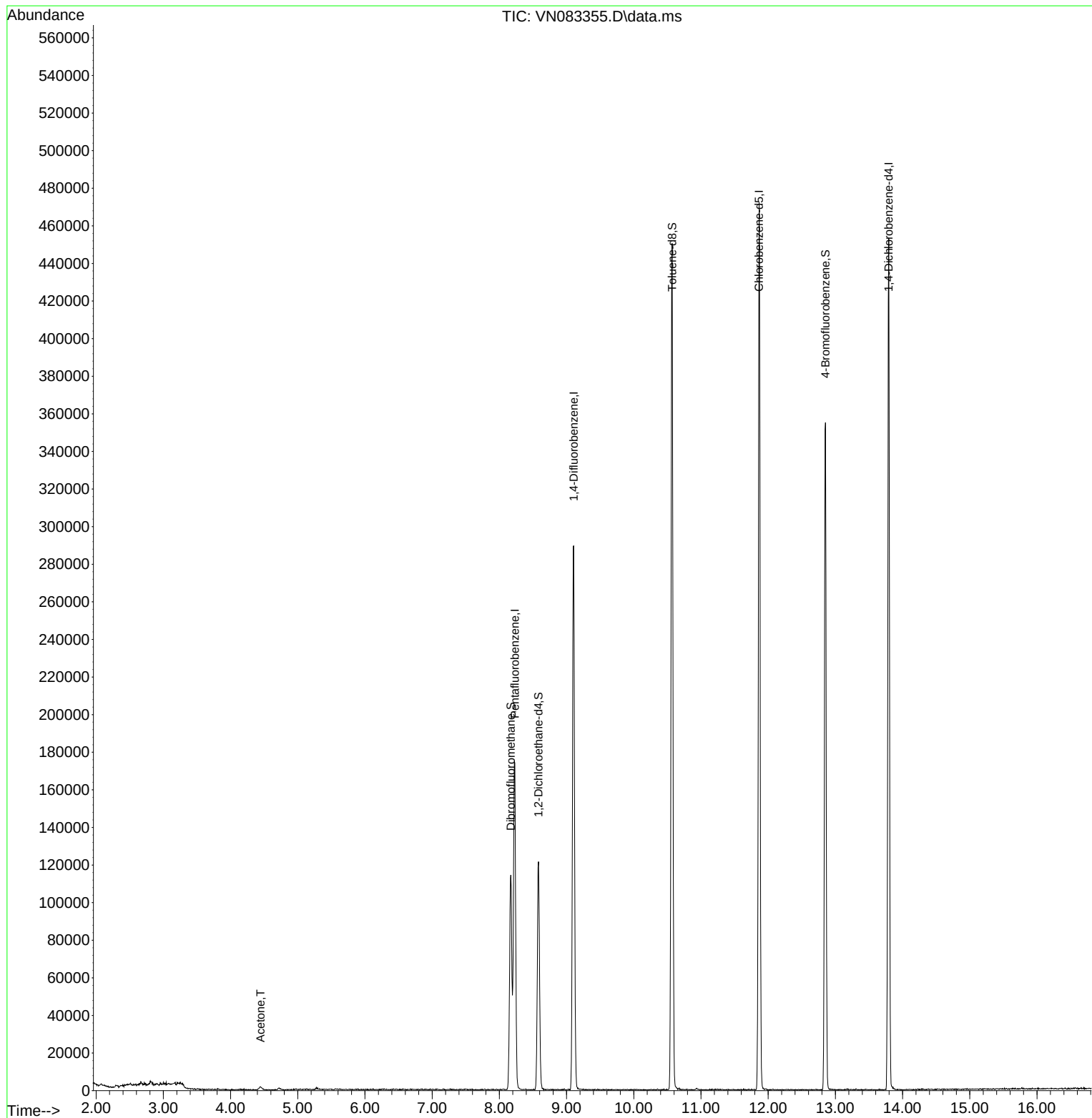
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 8.230  | 168   | 122959   | 50.000   | ug/l       | 0.00      |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 247851   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 261085   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 116794   | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 104683   | 59.813   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 119.620% |           |
| 35) Dibromofluoromethane    | 8.171  | 113   | 83099    | 53.715   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 107.440% |           |
| 50) Toluene-d8              | 10.571 | 98    | 314727   | 54.538   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 109.080% |           |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 129417   | 57.524   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 115.040% |           |
| Target Compounds            |        |       |          |          |            |           |
| 16) Acetone                 | 4.447  | 43    | 3370     | 4.921    | ug/l       | Qvalue 96 |
| -----                       |        |       |          |          |            |           |

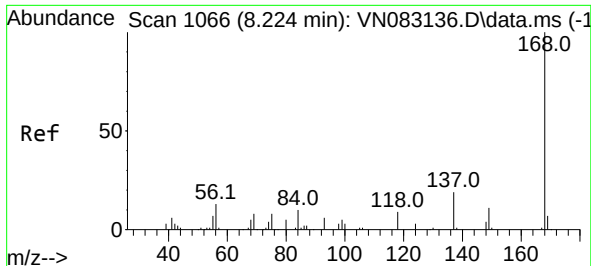
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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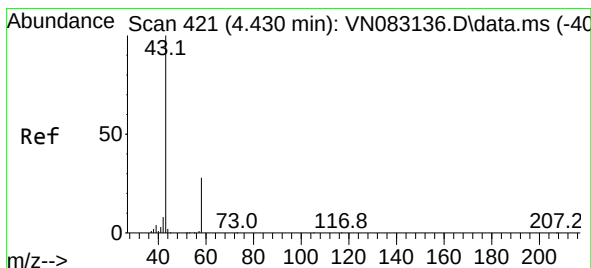
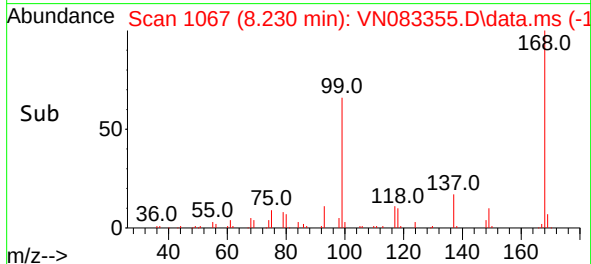
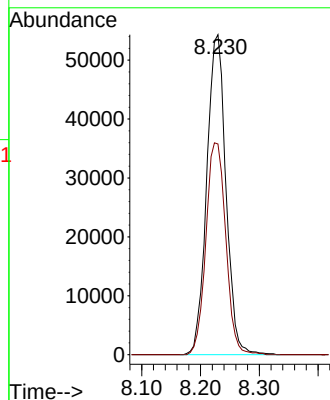
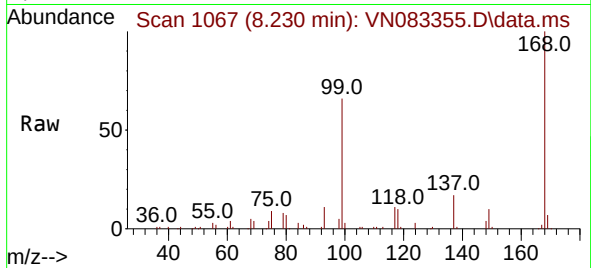




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN083355.D  
Acq: 16 Aug 2024 15:39

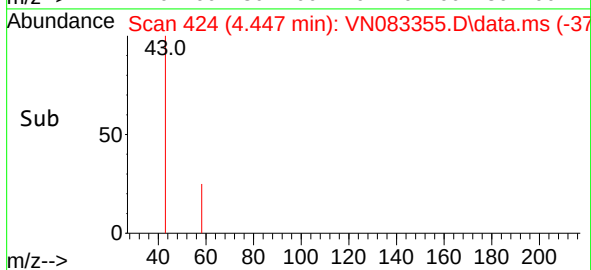
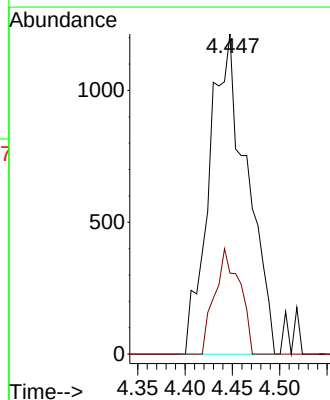
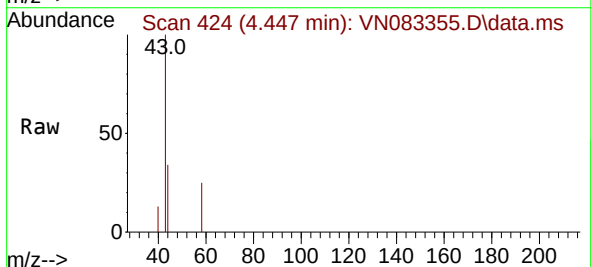
Instrument :  
MSVOA\_N  
ClientSampleId :  
371

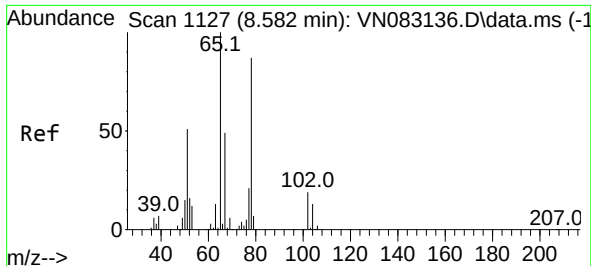
Tgt Ion:168 Resp: 122959  
Ion Ratio Lower Upper  
168 100  
99 65.9 48.2 72.4



#16  
Acetone  
Concen: 4.921 ug/l  
RT: 4.447 min Scan# 424  
Delta R.T. 0.018 min  
Lab File: VN083355.D  
Acq: 16 Aug 2024 15:39

Tgt Ion: 43 Resp: 3370  
Ion Ratio Lower Upper  
43 100  
58 25.3 21.8 32.6





#33

1,2-Dichloroethane-d4

Concen: 59.813 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083355.D

Acq: 16 Aug 2024 15:39

Instrument :

MSVOA\_N

ClientSampleId :

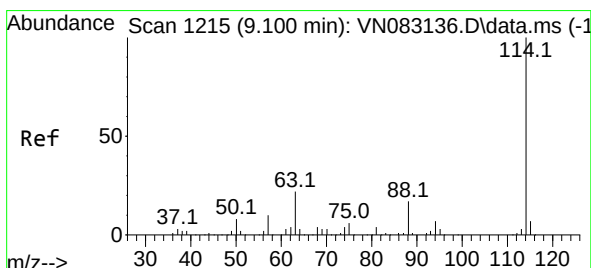
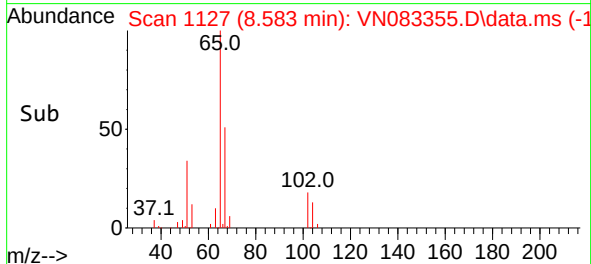
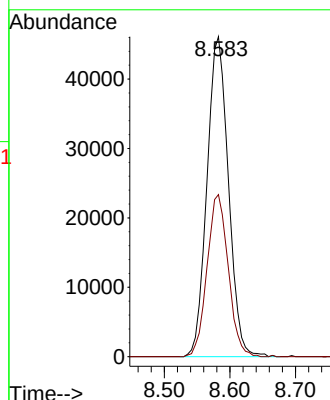
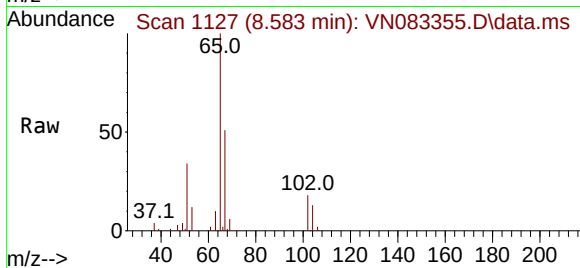
371

Tgt Ion: 65 Resp: 104683

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN083355.D

Acq: 16 Aug 2024 15:39

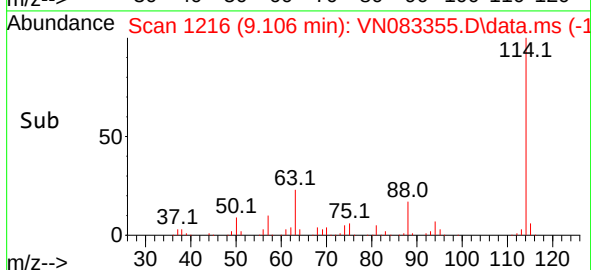
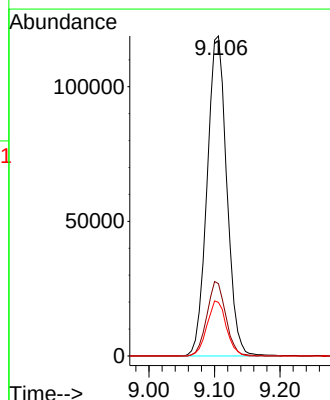
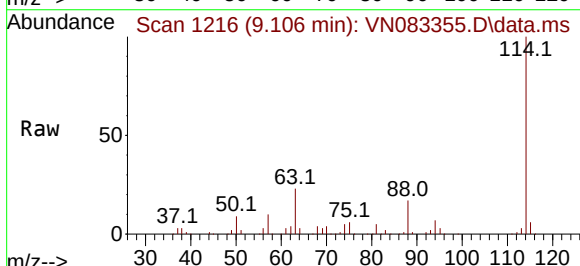
Tgt Ion: 114 Resp: 247851

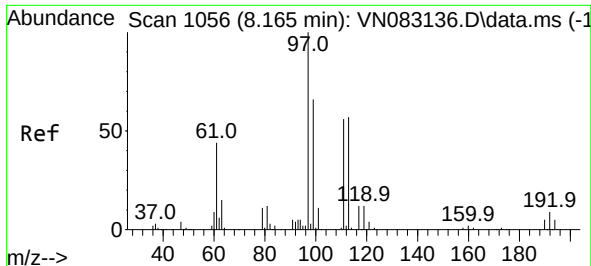
Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 16.8 0.0 31.4

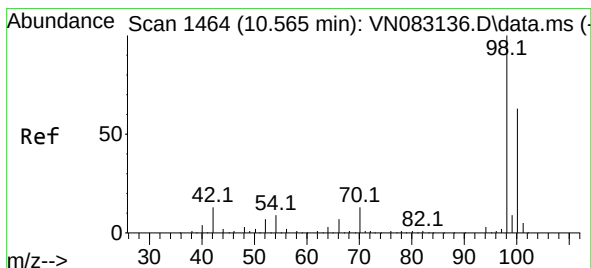
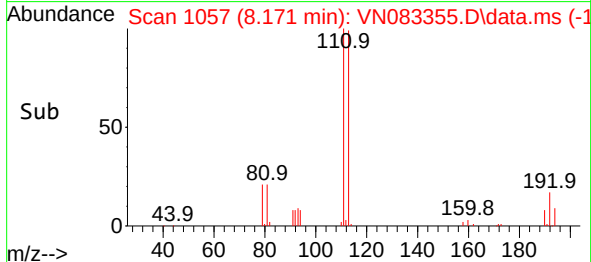
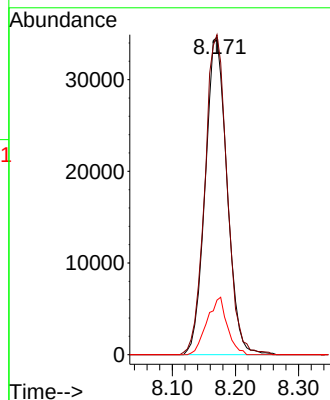
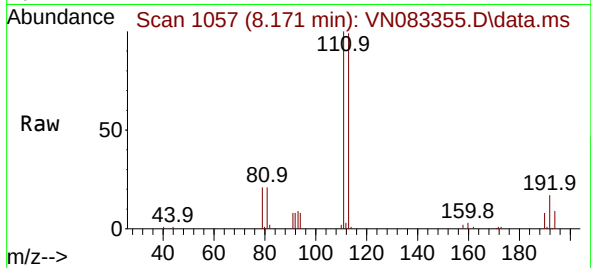




#35  
 Dibromofluoromethane  
 Concen: 53.715 ug/l  
 RT: 8.171 min Scan# 1056  
 Delta R.T. 0.006 min  
 Lab File: VN083355.D  
 Acq: 16 Aug 2024 15:39

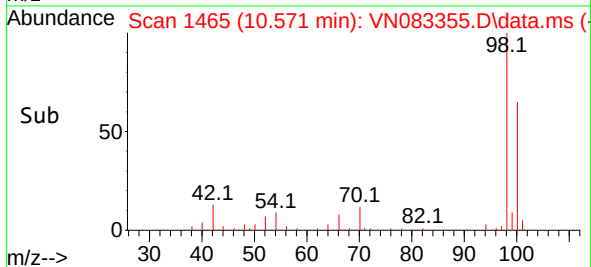
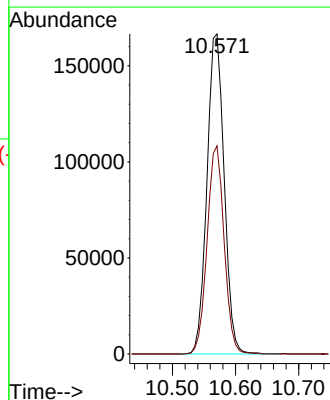
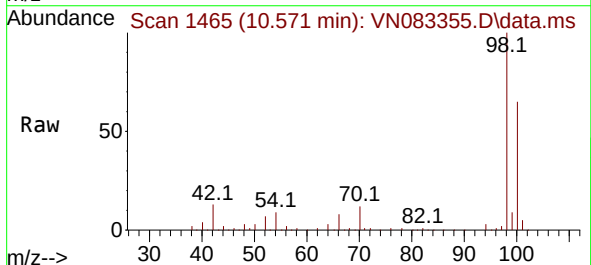
Instrument :  
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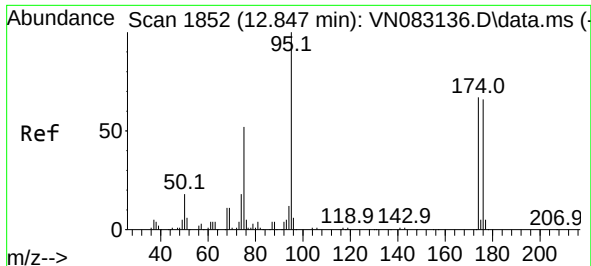
Tgt Ion:113 Resp: 83099  
 Ion Ratio Lower Upper  
 113 100  
 111 102.9 82.4 123.6  
 192 16.8 14.9 22.3



#50  
 Toluene-d8  
 Concen: 54.538 ug/l  
 RT: 10.571 min Scan# 1465  
 Delta R.T. 0.006 min  
 Lab File: VN083355.D  
 Acq: 16 Aug 2024 15:39

Tgt Ion: 98 Resp: 314727  
 Ion Ratio Lower Upper  
 98 100  
 100 64.3 51.5 77.3

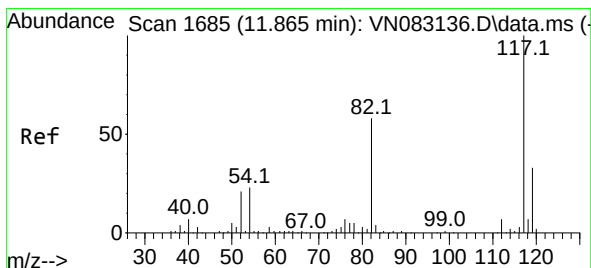
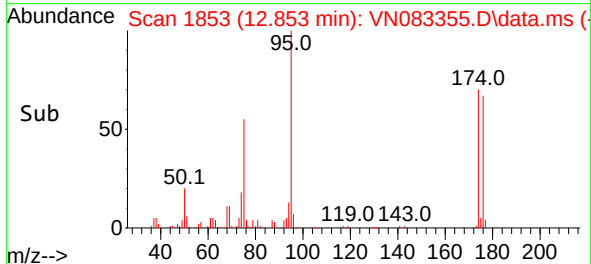
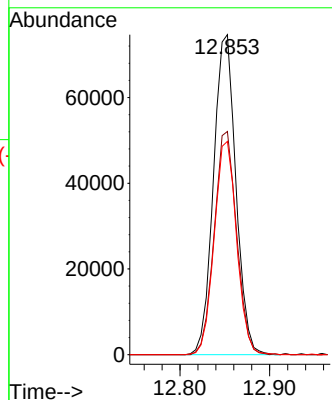
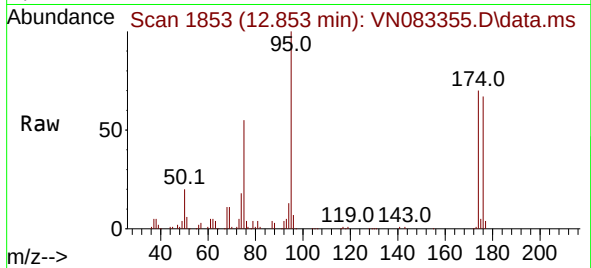




#62  
4-Bromofluorobenzene  
Concen: 57.524 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN083355.D  
Acq: 16 Aug 2024 15:39

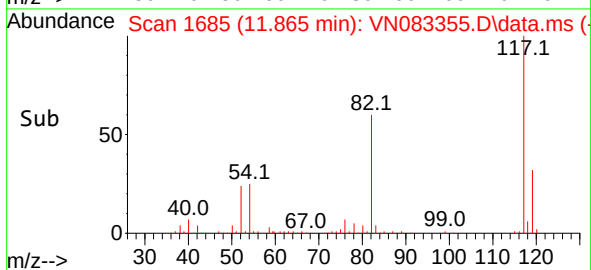
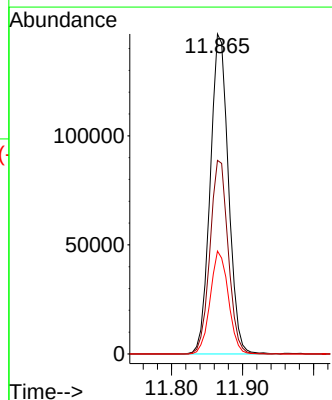
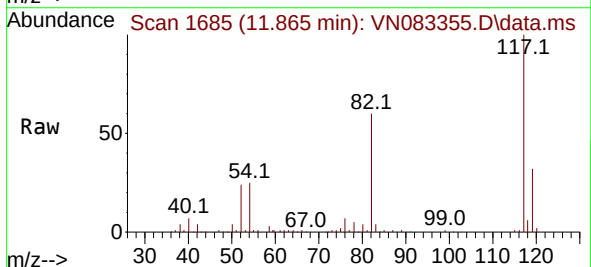
Instrument :  
MSVOA\_N  
ClientSampleId :  
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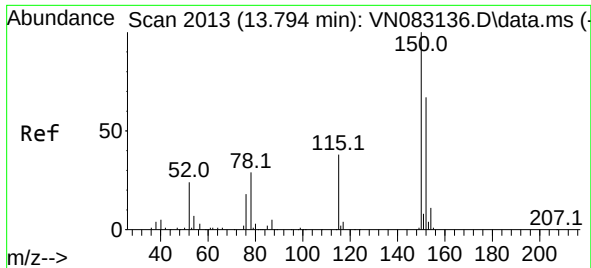
Tgt Ion: 95 Resp: 129417  
Ion Ratio Lower Upper  
95 100  
174 69.7 0.0 159.2  
176 66.7 0.0 147.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN083355.D  
Acq: 16 Aug 2024 15:39

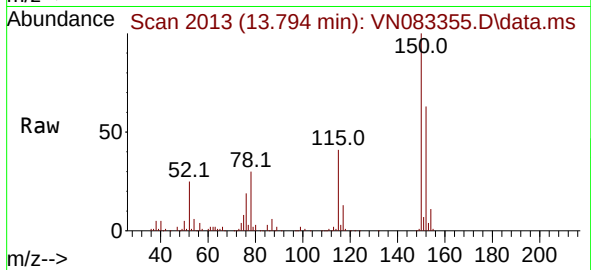
Tgt Ion: 117 Resp: 261085  
Ion Ratio Lower Upper  
117 100  
82 60.5 47.5 71.3  
119 32.1 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN083355.D  
 Acq: 16 Aug 2024 15:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 371



Tgt Ion:152 Resp: 116794  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 64.5  | 30.6  | 91.6  |
| 150 | 157.9 | 0.0   | 348.6 |

