

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101022\  
 Data File : VN074835.D  
 Acq On : 10 Oct 2022 16:36  
 Operator : JC\MD  
 Sample : N5042-02 50X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EOR-0614

Quant Time: Oct 11 06:26:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 05:37:50 2022  
 Response via : Initial Calibration

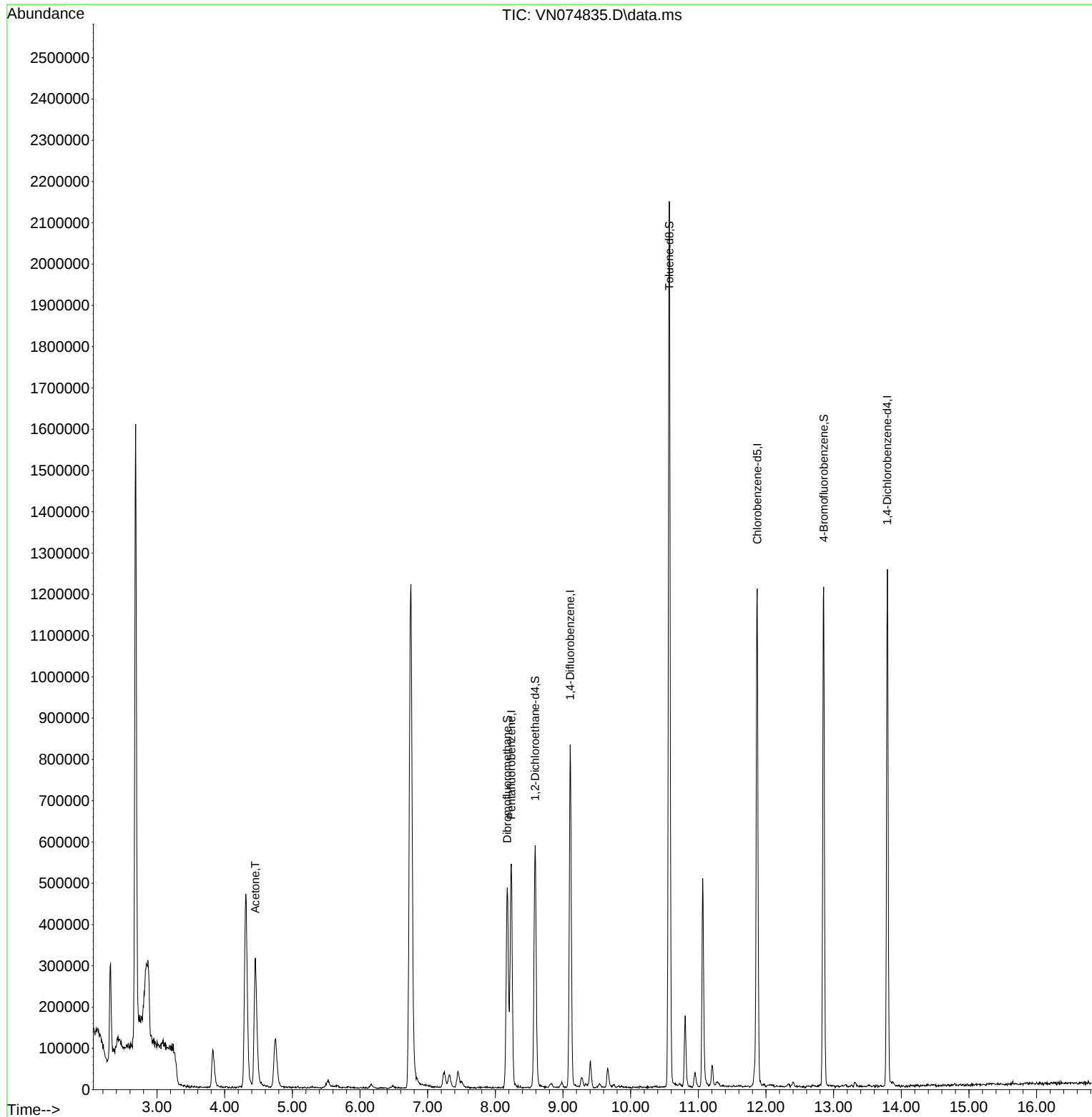
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 8.236  | 168   | 378325   | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 665006   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 669030   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 312941   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 436657   | 48.712   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 97.420%   |
| 35) Dibromofluoromethane    | 8.177  | 113   | 343856   | 51.177   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 102.360%  |
| 50) Toluene-d8              | 10.571 | 98    | 1469337  | 50.965   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 101.940%  |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 374284   | 42.707   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 85.420%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 4.453  | 43    | 561192   | 110.472  | ug/l  | Qvalue 90 |
| -----                       |        |       |          |          |       |           |

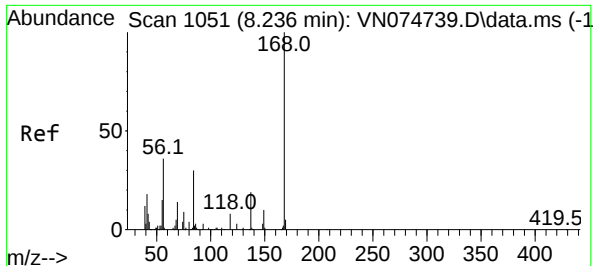
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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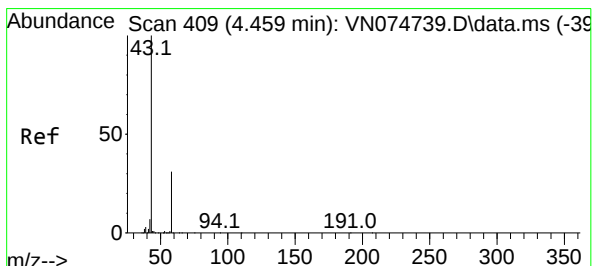
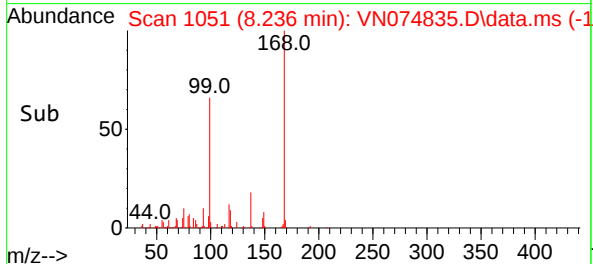
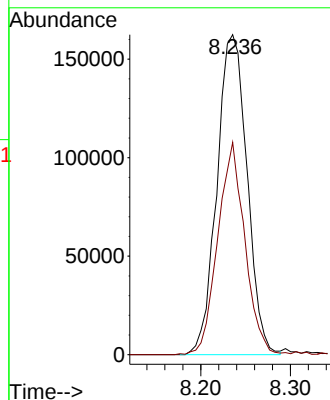
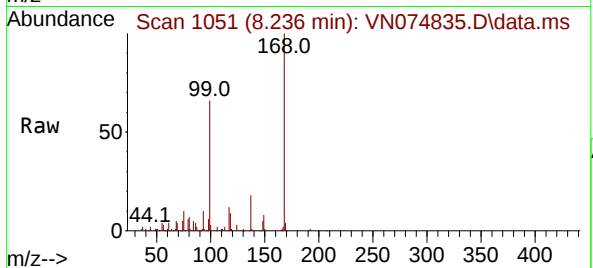




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.236 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: VN074835.D  
Acq: 10 Oct 2022 16:36

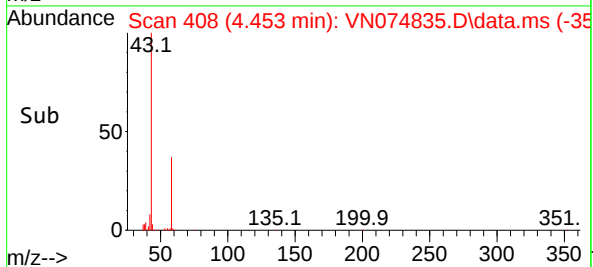
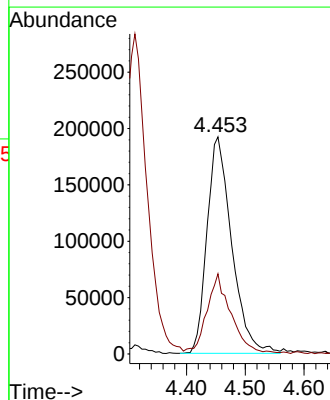
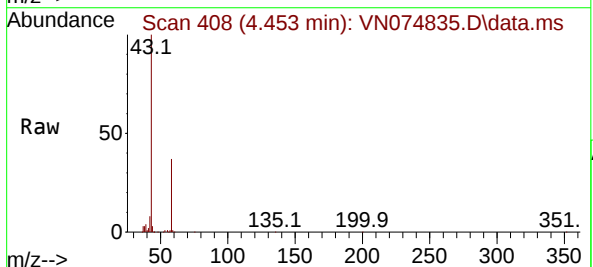
Instrument :  
MSVOA\_N  
ClientSampleId :  
EOR-0614

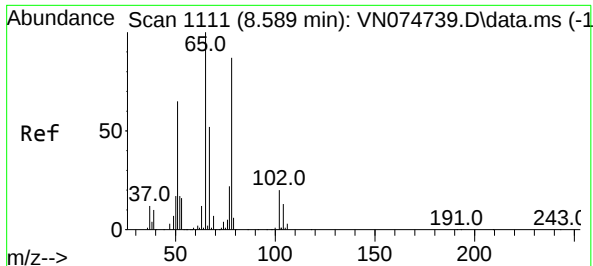
Tgt Ion:168 Resp: 378325  
Ion Ratio Lower Upper  
168 100  
99 66.0 42.8 64.2#



#16  
Acetone  
Concen: 110.472 ug/l  
RT: 4.453 min Scan# 408  
Delta R.T. -0.006 min  
Lab File: VN074835.D  
Acq: 10 Oct 2022 16:36

Tgt Ion: 43 Resp: 561192  
Ion Ratio Lower Upper  
43 100  
58 36.4 24.9 37.3





#33

1,2-Dichloroethane-d4

Concen: 48.712 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074835.D

Acq: 10 Oct 2022 16:36

Instrument :

MSVOA\_N

ClientSampleId :

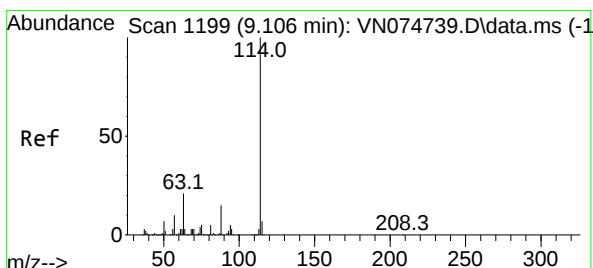
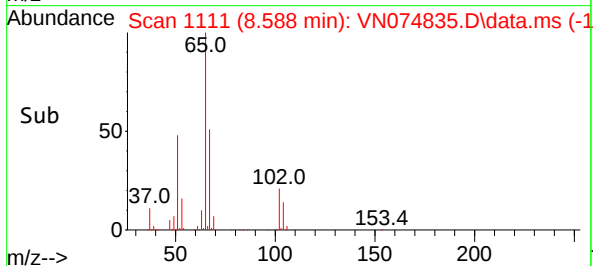
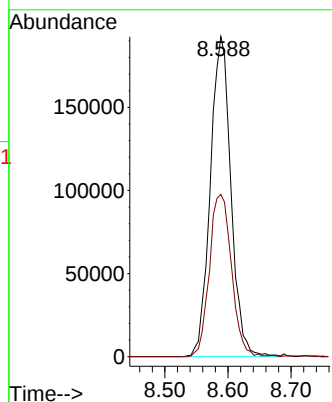
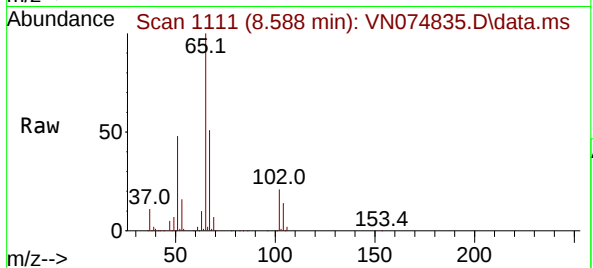
EOR-0614

Tgt Ion: 65 Resp: 436657

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074835.D

Acq: 10 Oct 2022 16:36

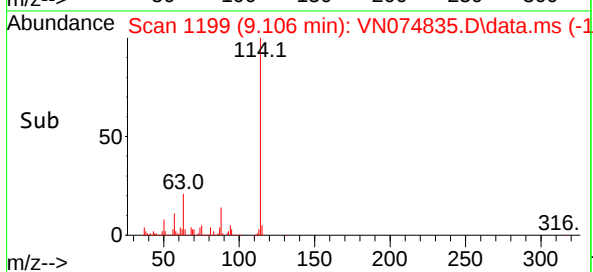
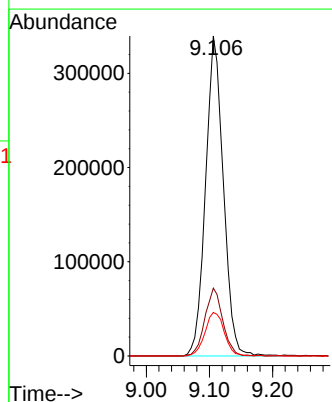
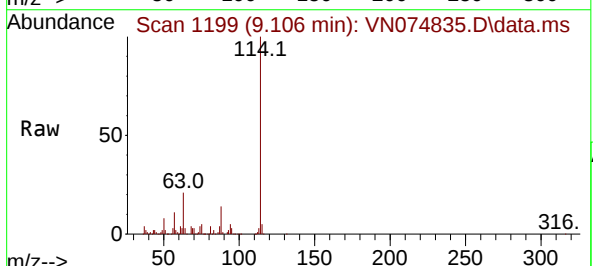
Tgt Ion: 114 Resp: 665006

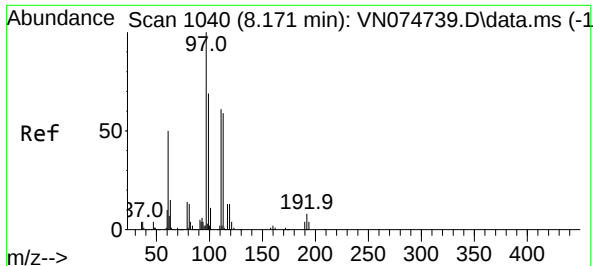
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.2

88 13.6 0.0 30.2

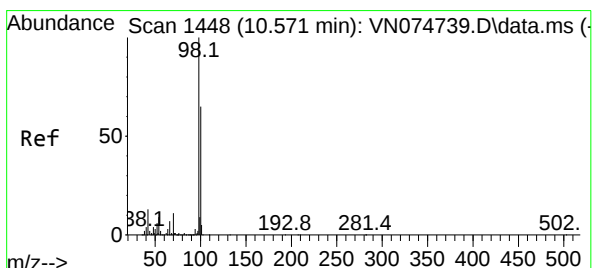
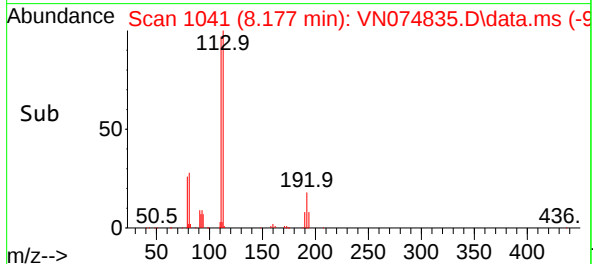
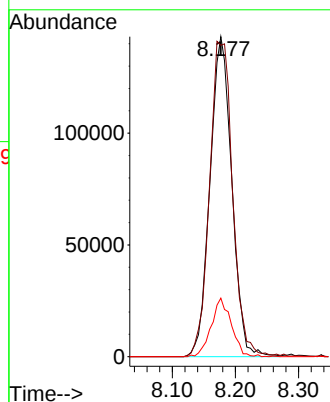
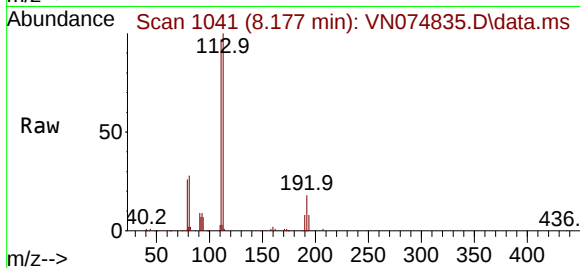




#35  
Dibromofluoromethane  
Concen: 51.177 ug/l  
RT: 8.177 min Scan# 1040  
Delta R.T. 0.006 min  
Lab File: VN074835.D  
Acq: 10 Oct 2022 16:36

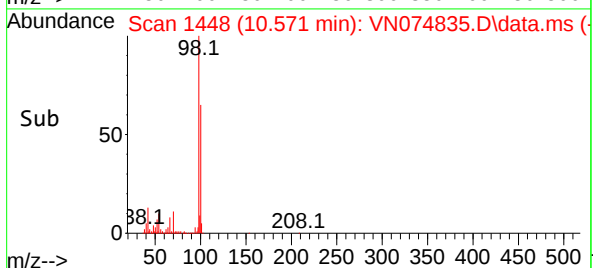
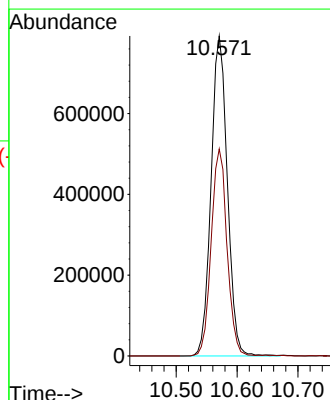
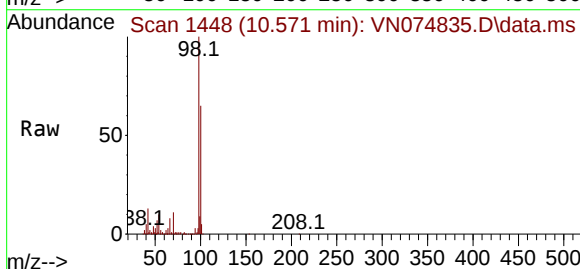
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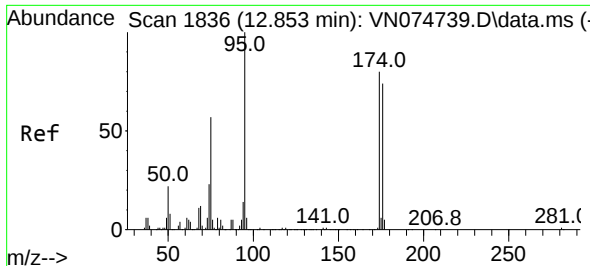
Tgt Ion:113 Resp: 343856  
Ion Ratio Lower Upper  
113 100  
111 103.9 83.0 124.6  
192 16.9 12.6 18.8



#50  
Toluene-d8  
Concen: 50.965 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN074835.D  
Acq: 10 Oct 2022 16:36

Tgt Ion: 98 Resp: 1469337  
Ion Ratio Lower Upper  
98 100  
100 62.9 50.7 76.1

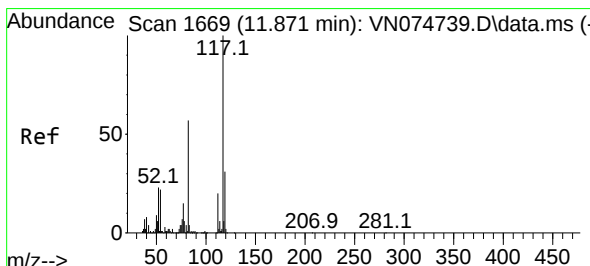
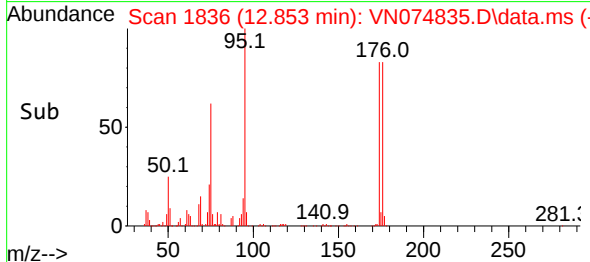
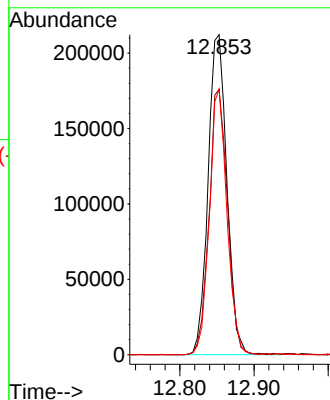
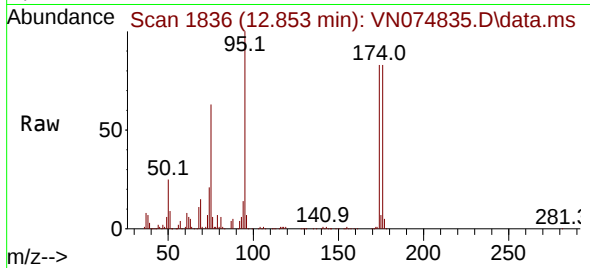




#62  
4-Bromofluorobenzene  
Concen: 42.707 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN074835.D  
Acq: 10 Oct 2022 16:36

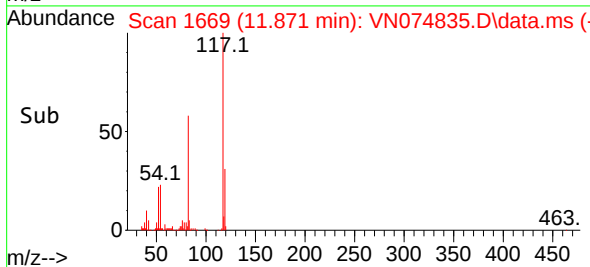
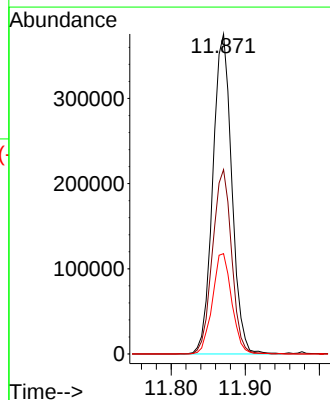
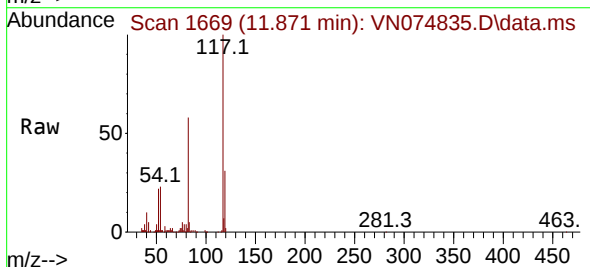
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ClientSampleId :  
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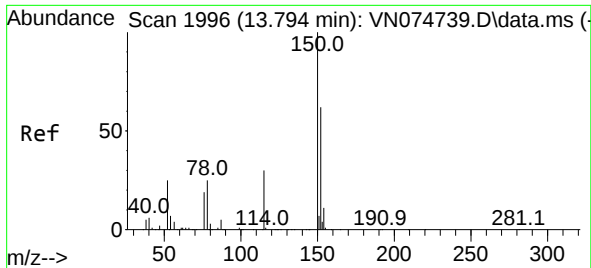
Tgt Ion: 95 Resp: 374284  
Ion Ratio Lower Upper  
95 100  
174 81.4 0.0 149.4  
176 77.5 0.0 142.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VN074835.D  
Acq: 10 Oct 2022 16:36

Tgt Ion: 117 Resp: 669030  
Ion Ratio Lower Upper  
117 100  
82 57.6 45.4 68.2  
119 31.4 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN074835.D

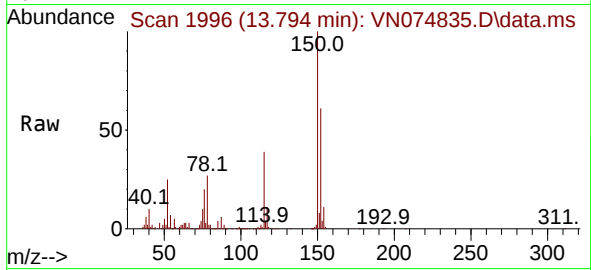
Acq: 10 Oct 2022 16:36

Instrument :

MSVOA\_N

ClientSampleId :

EOR-0614



Tgt Ion:152 Resp: 312941

Ion Ratio Lower Upper

152 100

115 61.0 30.0 90.0

150 160.0 0.0 356.4

