

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082422\  
 Data File : VN074091.D  
 Acq On : 24 Aug 2022 15:01  
 Operator : JC\MD  
 Sample : N4244-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-104I

Quant Time: Aug 25 07:54:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081522W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 16 00:45:21 2022  
 Response via : Initial Calibration

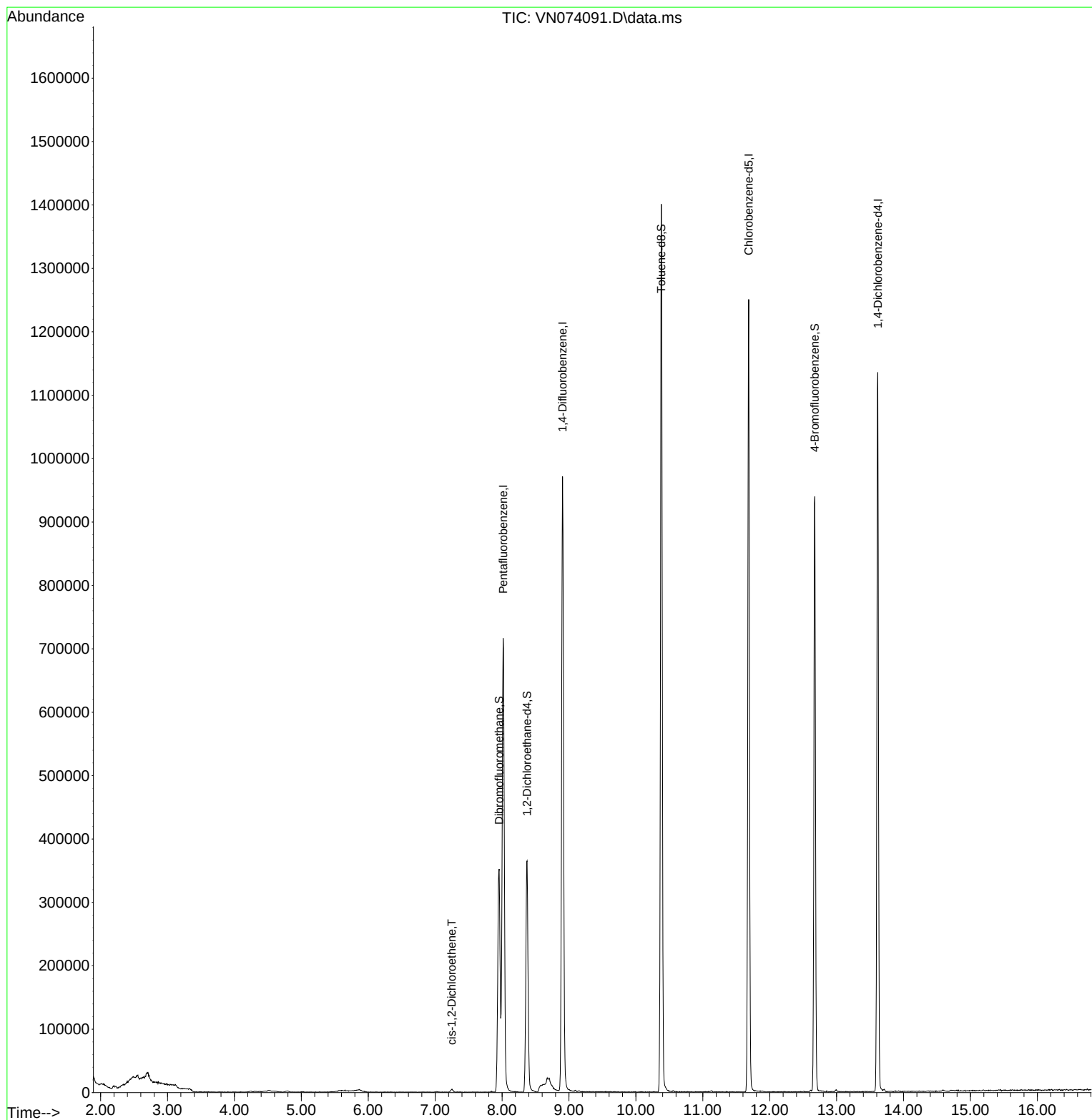
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 8.016  | 168   | 598302   | 50.000   | ug/l       | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 907249   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 11.686 | 117   | 762938   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.615 | 152   | 334371   | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 8.375  | 65    | 305120   | 52.359   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 104.720% |           |
| 35) Dibromofluoromethane    | 7.957  | 113   | 269499   | 50.229   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.460% |           |
| 50) Toluene-d8              | 10.380 | 98    | 1008416  | 48.529   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 97.060%  |           |
| 62) 4-Bromofluorobenzene    | 12.674 | 95    | 313294   | 45.429   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 90.860%  |           |
| Target Compounds            |        |       |          |          |            |           |
| 27) cis-1,2-Dichloroethene  | 7.245  | 96    | 2606     | 0.406    | ug/l       | Qvalue 91 |
| -----                       |        |       |          |          |            |           |

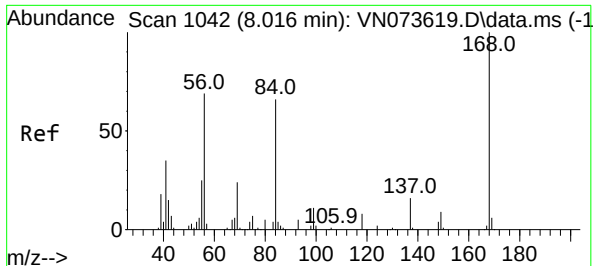
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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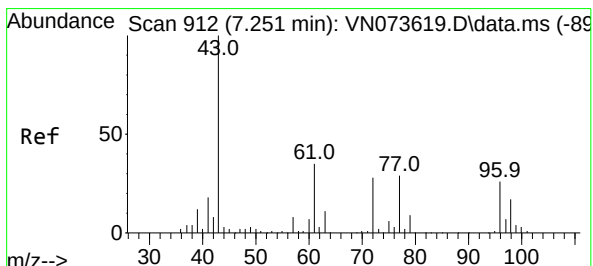
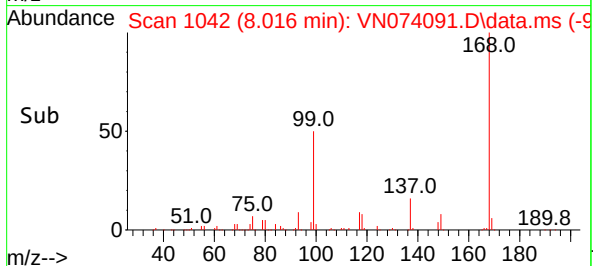
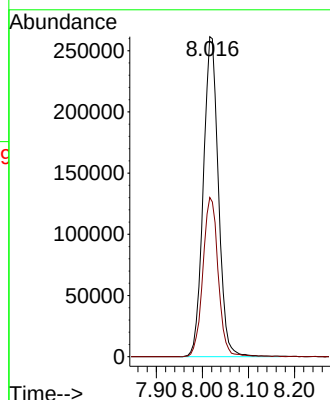
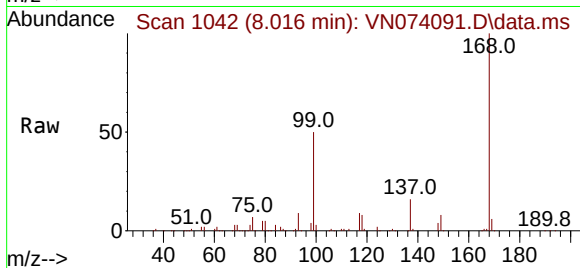




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN074091.D  
Acq: 24 Aug 2022 15:01

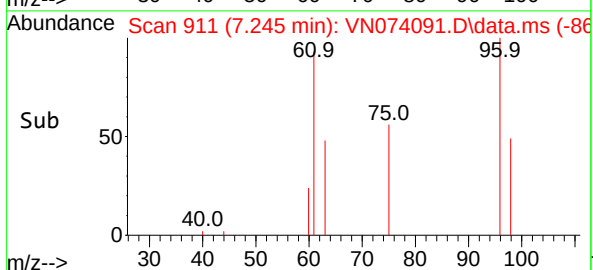
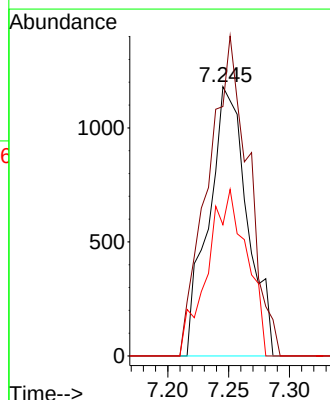
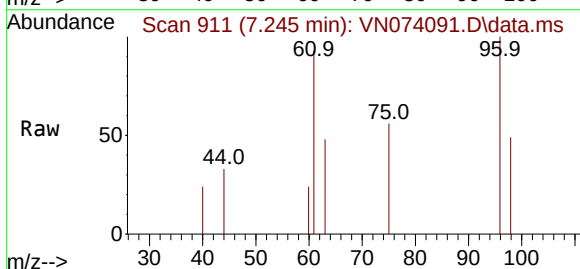
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-104I

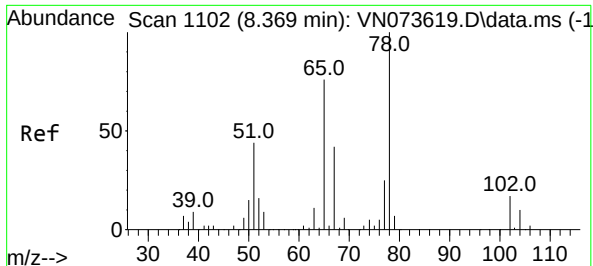
Tgt Ion:168 Resp: 598302  
Ion Ratio Lower Upper  
168 100  
99 49.8 42.3 63.5



#27  
cis-1,2-Dichloroethene  
Concen: 0.406 ug/l  
RT: 7.245 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VN074091.D  
Acq: 24 Aug 2022 15:01

Tgt Ion: 96 Resp: 2606  
Ion Ratio Lower Upper  
96 100  
61 124.9 0.0 280.6  
98 63.6 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 52.359 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074091.D

Acq: 24 Aug 2022 15:01

Instrument :

MSVOA\_N

ClientSampleId :

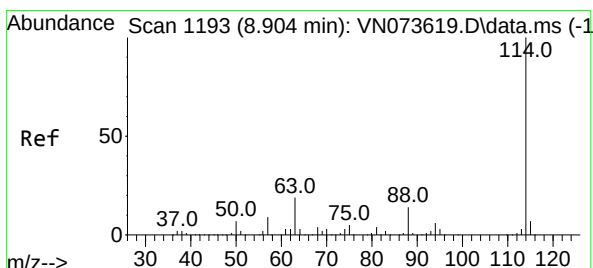
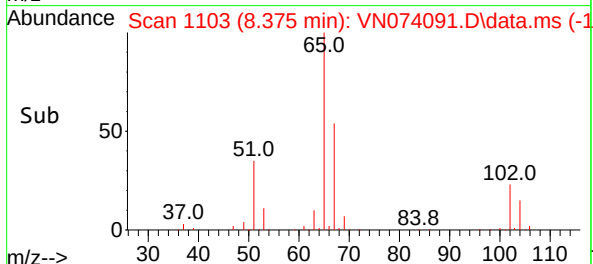
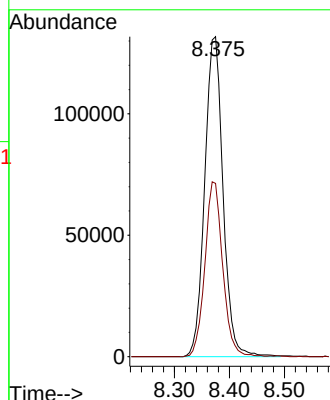
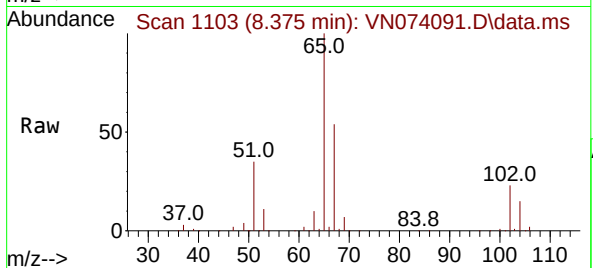
MW-104I

Tgt Ion: 65 Resp: 305120

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074091.D

Acq: 24 Aug 2022 15:01

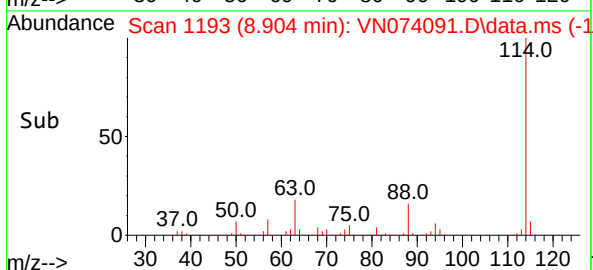
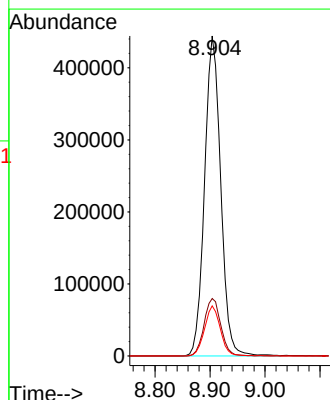
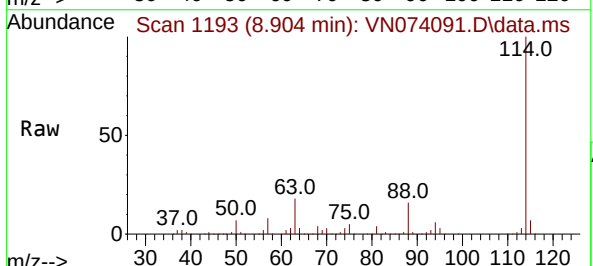
Tgt Ion: 114 Resp: 907249

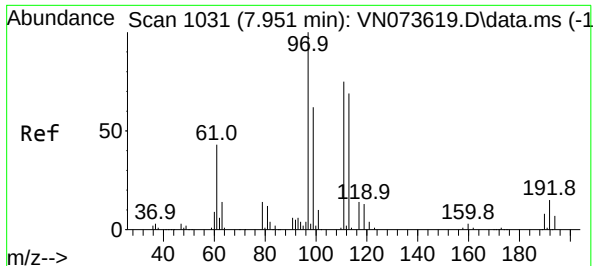
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.229 ug/l

RT: 7.957 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN074091.D

Acq: 24 Aug 2022 15:01

Instrument :

MSVOA\_N

ClientSampleId :

MW-104I

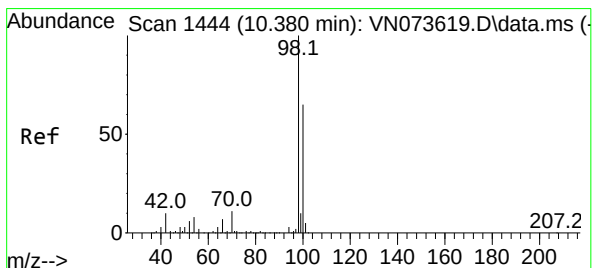
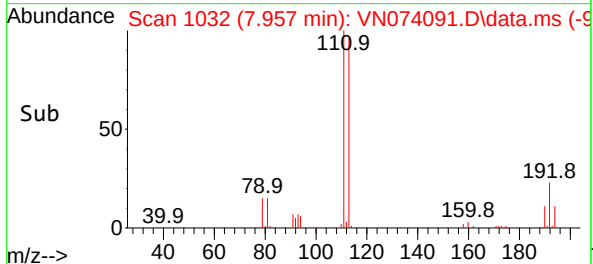
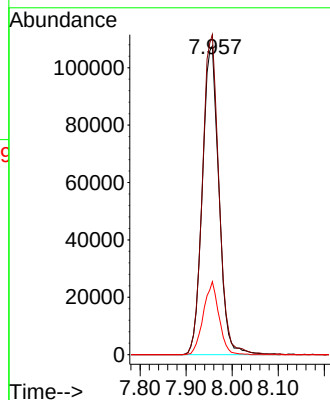
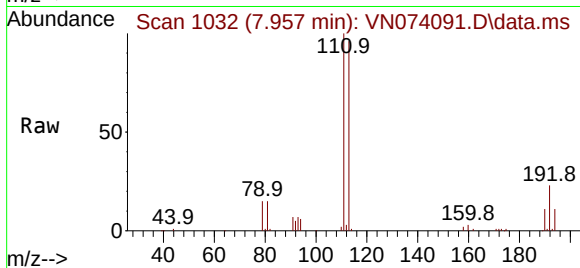
Tgt Ion:113 Resp: 269499

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 22.4 17.0 25.6



#50

Toluene-d8

Concen: 48.529 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074091.D

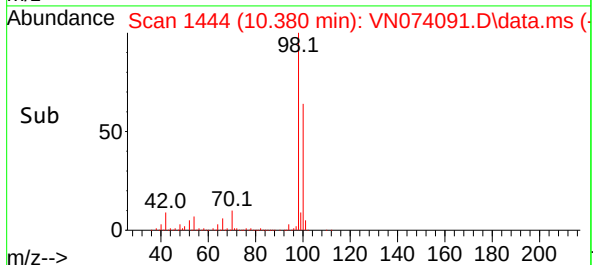
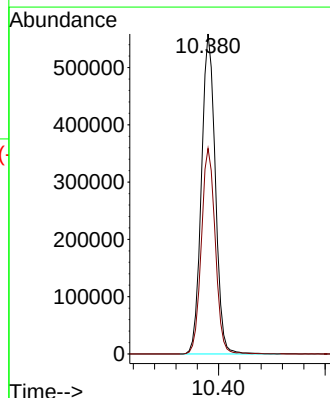
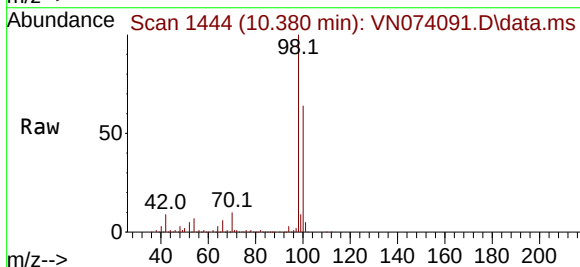
Acq: 24 Aug 2022 15:01

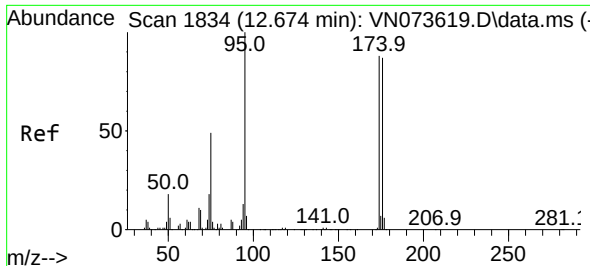
Tgt Ion: 98 Resp: 1008416

Ion Ratio Lower Upper

98 100

100 64.4 52.6 78.8

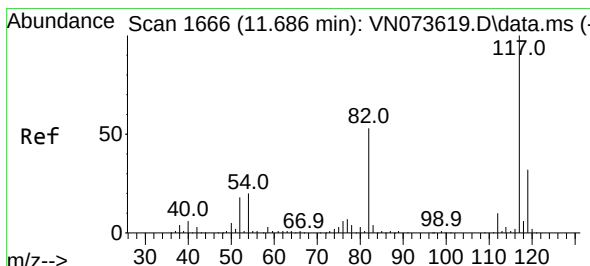
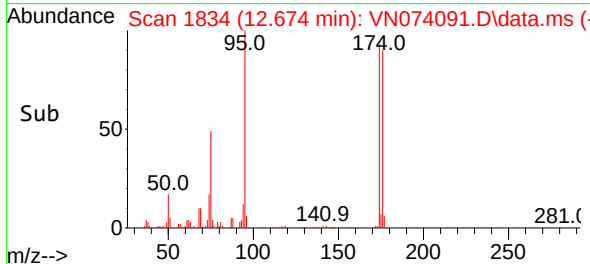
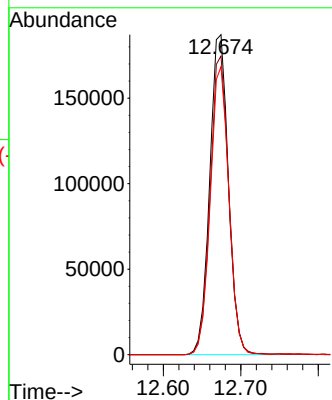
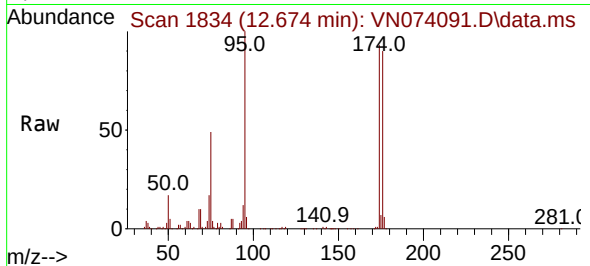




#62  
4-Bromofluorobenzene  
Concen: 45.429 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN074091.D  
Acq: 24 Aug 2022 15:01

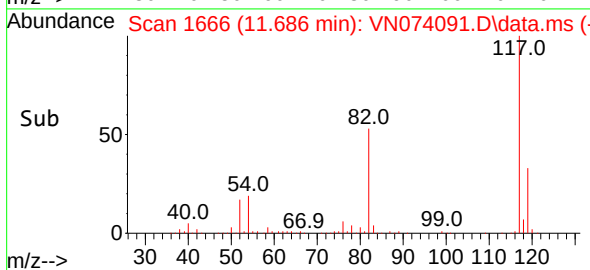
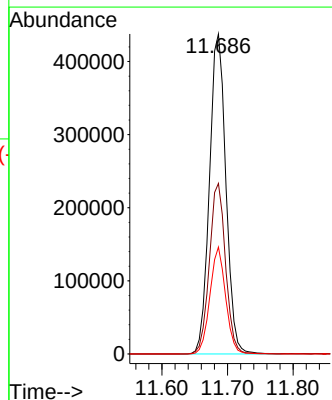
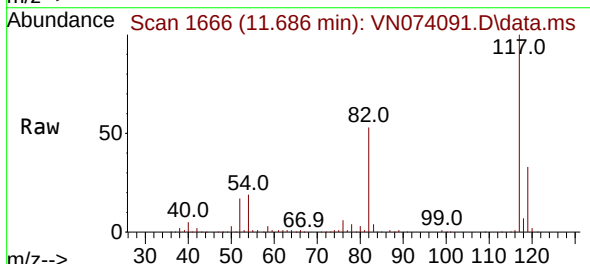
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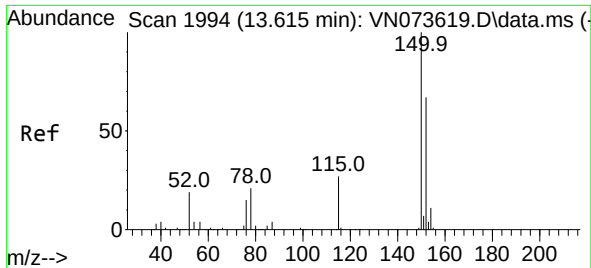
Tgt Ion: 95 Resp: 313294  
Ion Ratio Lower Upper  
95 100  
174 93.2 0.0 167.6  
176 89.5 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: VN074091.D  
Acq: 24 Aug 2022 15:01

Tgt Ion: 117 Resp: 762938  
Ion Ratio Lower Upper  
117 100  
82 53.3 44.2 66.2  
119 33.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN074091.D

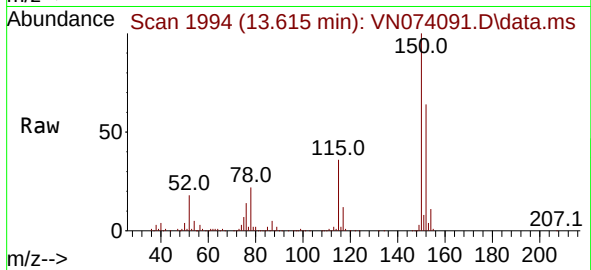
Acq: 24 Aug 2022 15:01

Instrument :

MSVOA\_N

ClientSampleId :

MW-104I



Tgt Ion:152 Resp: 334371

Ion Ratio Lower Upper

152 100

115 55.1 28.9 86.7

150 156.4 0.0 356.2

