

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078242.D
 Acq On : 15 Jun 2023 20:46
 Operator : JC\MD
 Sample : 03231-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-3D-06122023

Quant Time: Jun 16 06:13:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

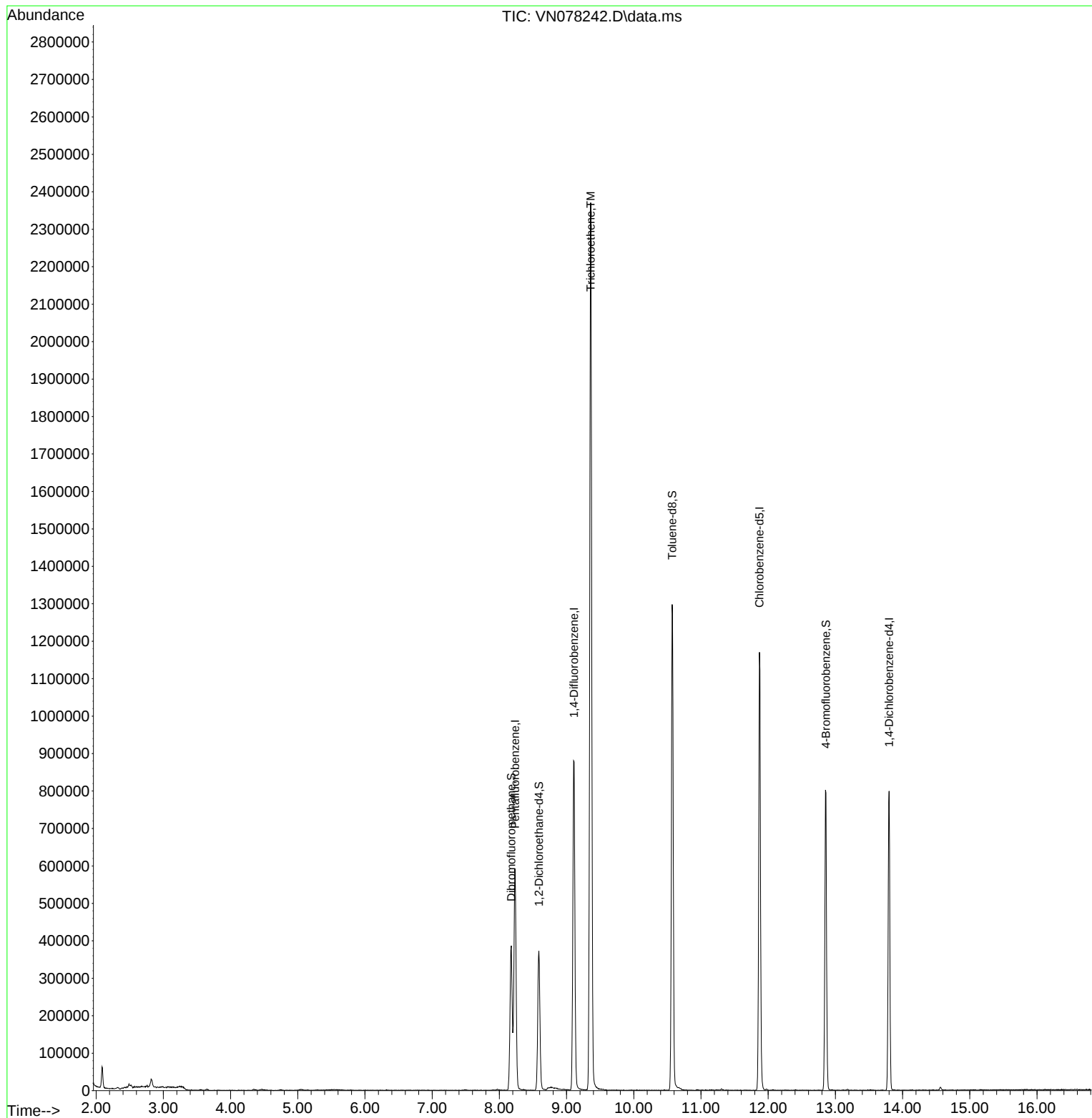
Internal Standards						
1) Pentafluorobenzene	8.235	168	421490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	792751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	699138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	222807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	308898	54.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.940%	
35) Dibromofluoromethane	8.177	113	272708	54.406	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.820%	
50) Toluene-d8	10.571	98	941100	48.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.400%	
62) 4-Bromofluorobenzene	12.859	95	276861	46.088	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.180%	
Target Compounds						
					Qvalue	
44) Trichloroethene	9.359	130	846026	149.249	ug/l	100

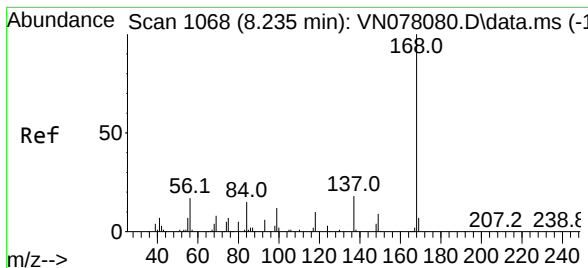
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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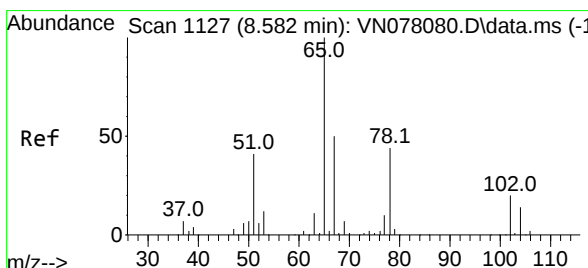
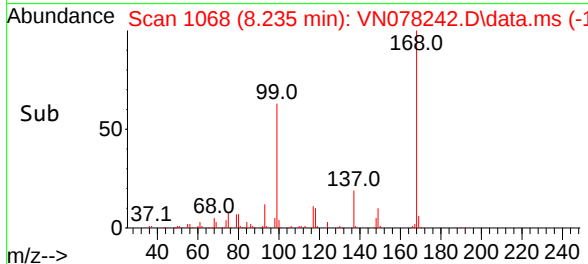
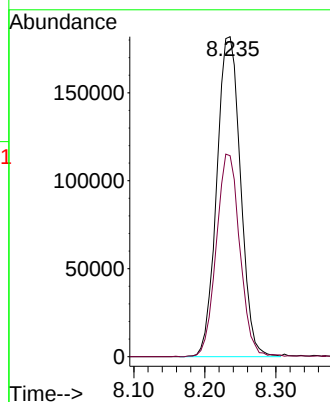
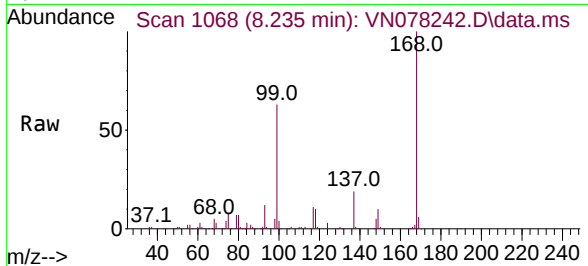




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN078242.D
Acq: 15 Jun 2023 20:46

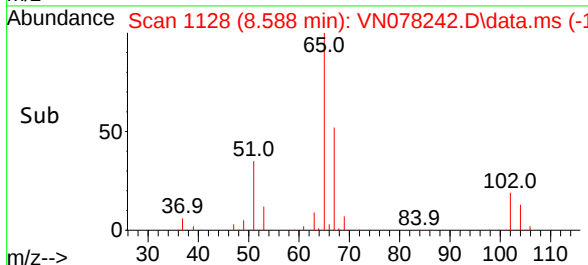
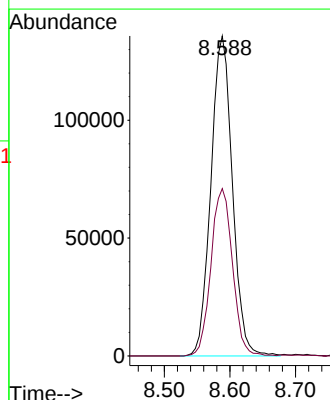
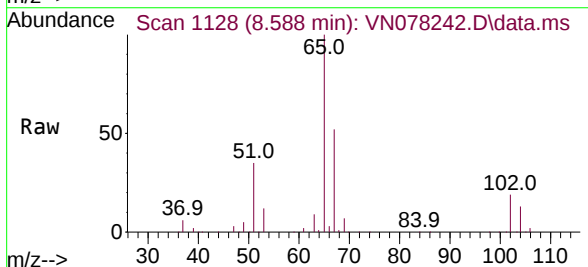
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-3D-06122023

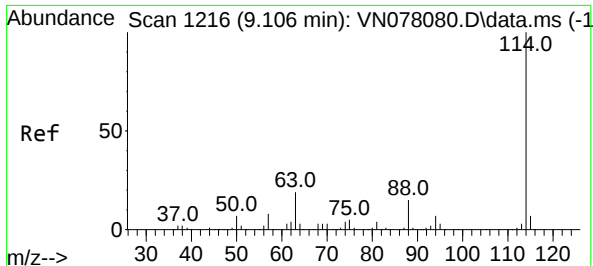
Tgt Ion:168 Resp: 421490
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.967 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078242.D
Acq: 15 Jun 2023 20:46

Tgt Ion: 65 Resp: 308898
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078242.D

Acq: 15 Jun 2023 20:46

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-3D-06122023

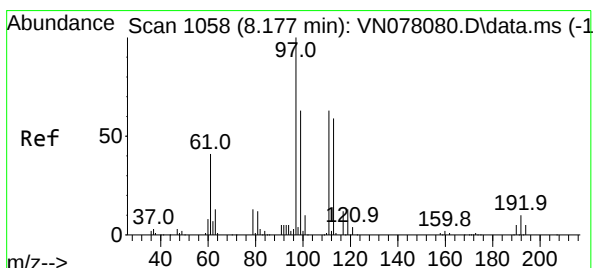
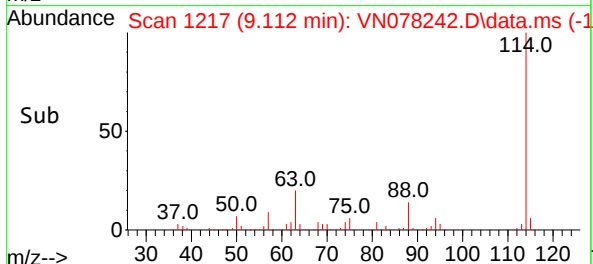
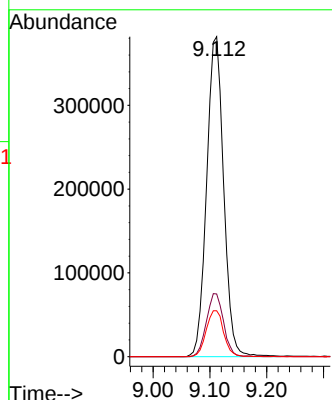
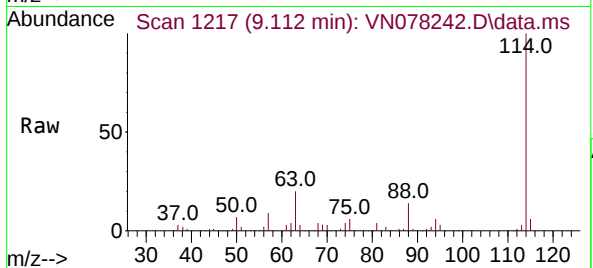
Tgt Ion:114 Resp: 792751

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.406 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078242.D

Acq: 15 Jun 2023 20:46

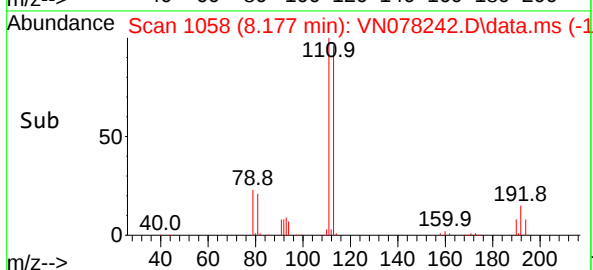
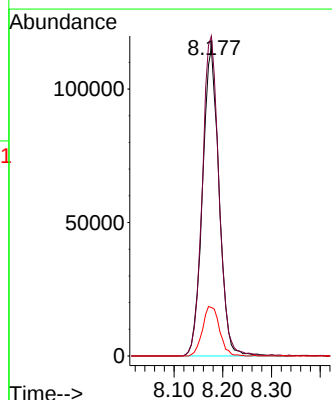
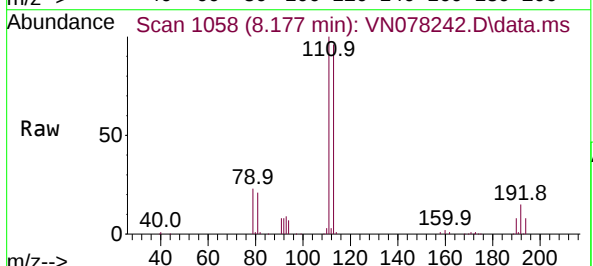
Tgt Ion:113 Resp: 272708

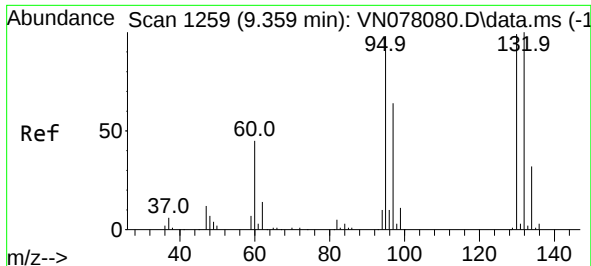
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 16.5 12.7 19.1

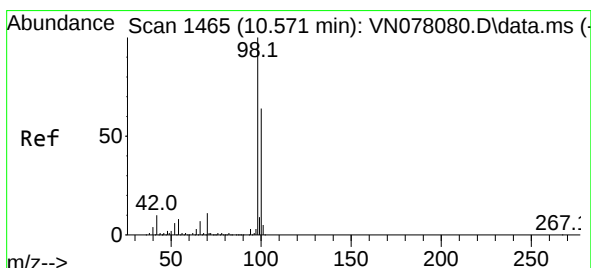
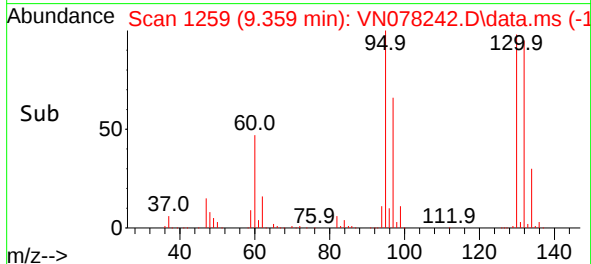
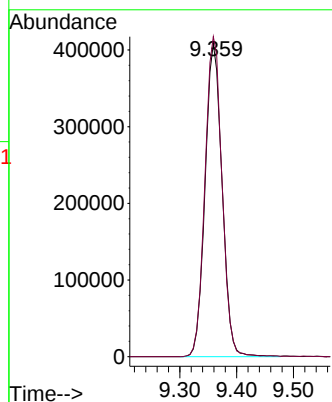
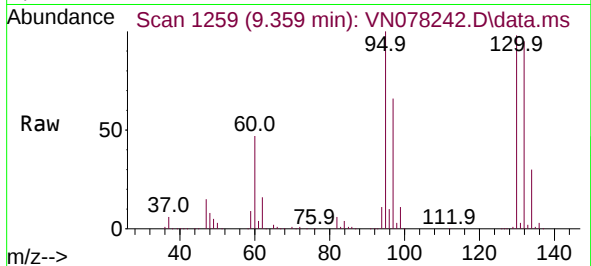




#44
Trichloroethene
Concen: 149.249 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078242.D
Acq: 15 Jun 2023 20:46

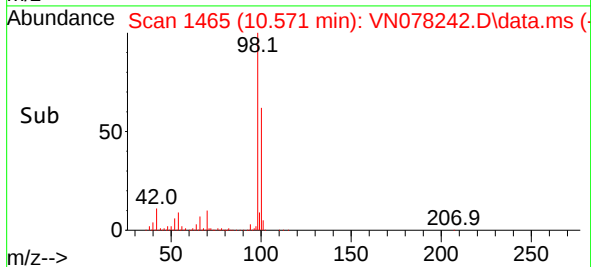
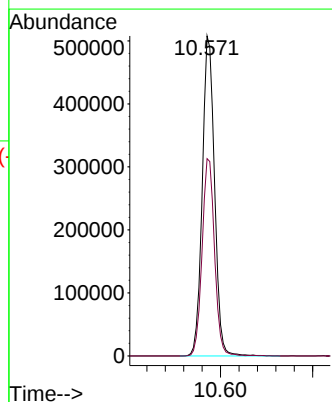
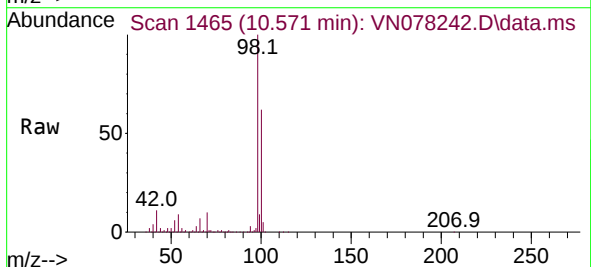
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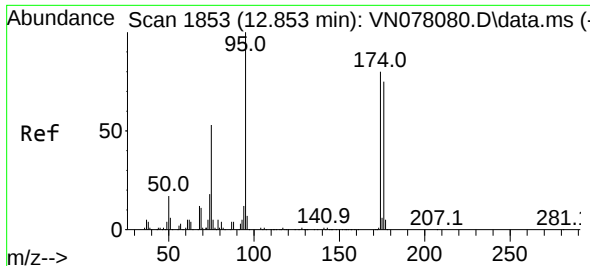
Tgt Ion:130 Resp: 846026
Ion Ratio Lower Upper
130 100
95 102.2 0.0 204.6



#50
Toluene-d8
Concen: 48.702 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078242.D
Acq: 15 Jun 2023 20:46

Tgt Ion: 98 Resp: 941100
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0

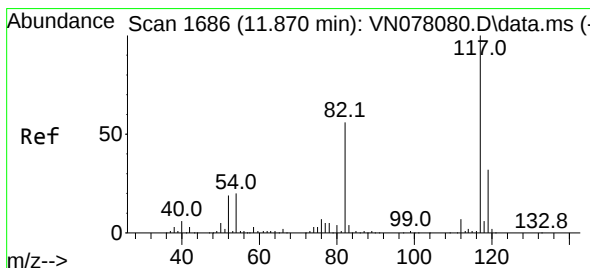
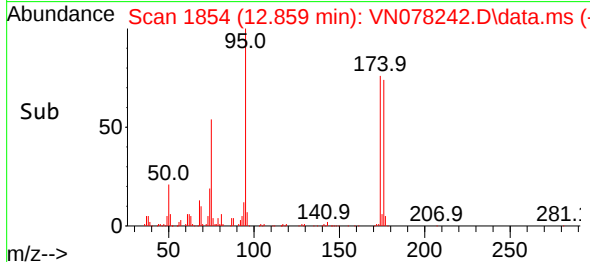
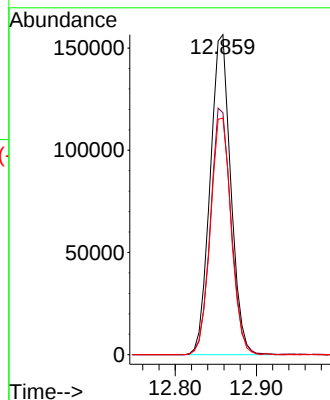
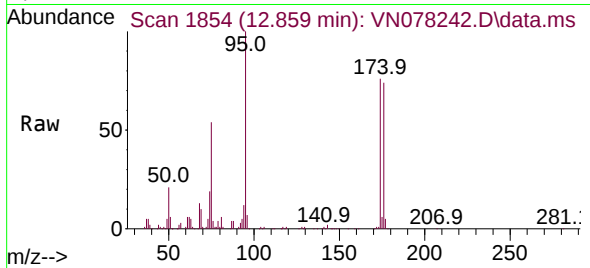




#62
4-Bromofluorobenzene
Concen: 46.088 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078242.D
Acq: 15 Jun 2023 20:46

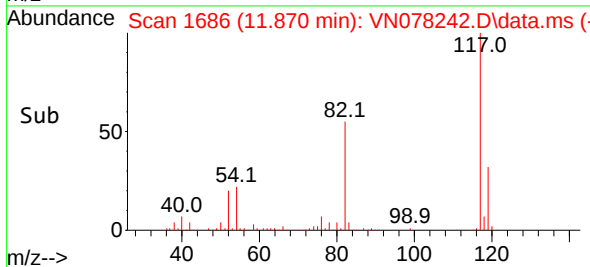
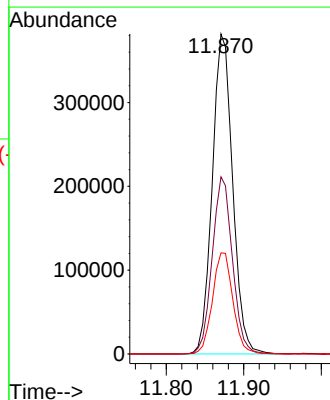
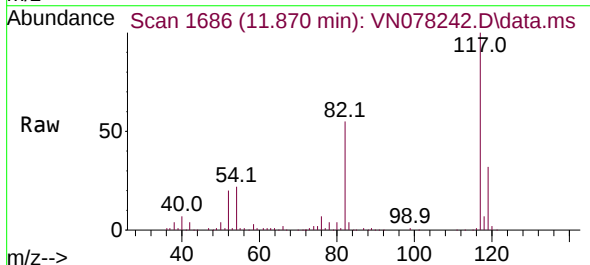
Instrument :
MSVOA_N
ClientSampleId :
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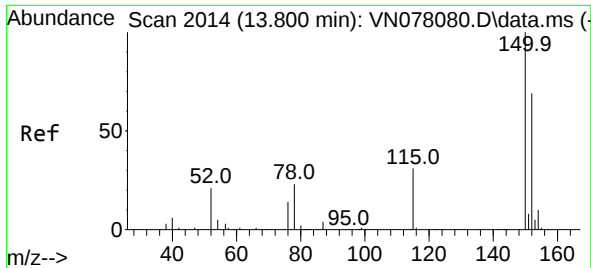
Tgt Ion: 95 Resp: 276861
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 74.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078242.D
Acq: 15 Jun 2023 20:46

Tgt Ion: 117 Resp: 699138
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 31.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN078242.D

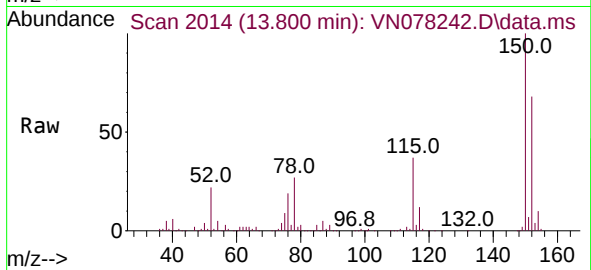
Acq: 15 Jun 2023 20:46

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-3D-06122023



Tgt Ion:152 Resp: 222807

Ion Ratio Lower Upper

152 100

115 59.6 32.3 96.8

150 153.0 0.0 355.8

