

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078255.D
 Acq On : 16 Jun 2023 13:14
 Operator : JC\MD
 Sample : 03231-11DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 17 02:22:26 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)

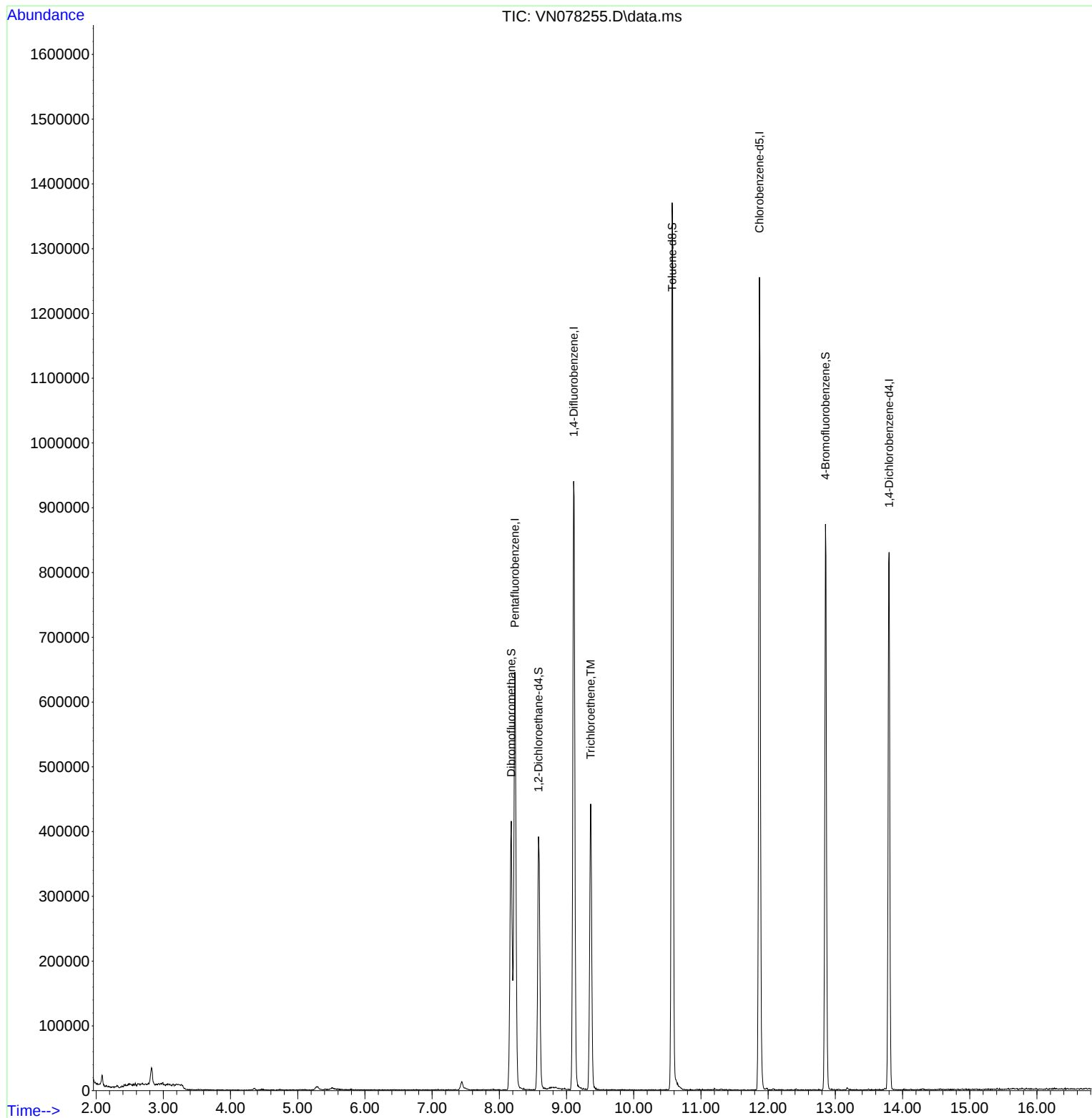
Internal Standards						
1) Pentafluorobenzene	8.230	168	457041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	838351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	734421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	228796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	324731	53.289	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.580%
35) Dibromofluoromethane	8.177	113	290015	54.712	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.420%
50) Toluene-d8	10.571	98	984846	48.194	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.380%
62) 4-Bromofluorobenzene	12.853	95	301537	47.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.940%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.359	130	158411	26.426	ug/l	89

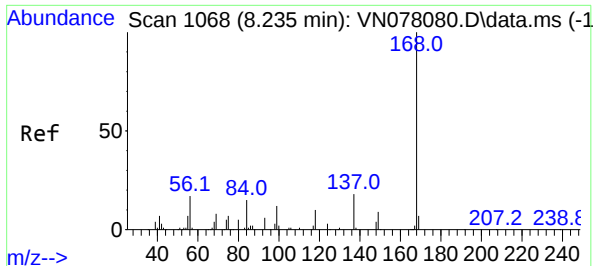
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1068

Delta R.T. -0.005 min

Lab File: VN078255.D

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MSVOA_N

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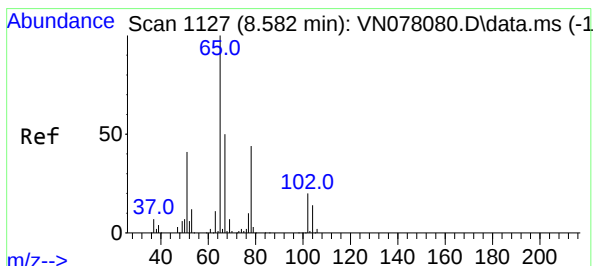
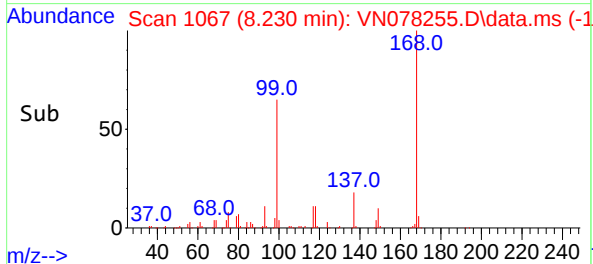
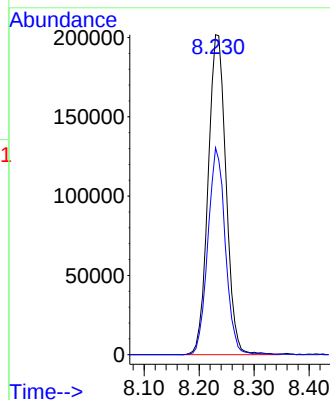
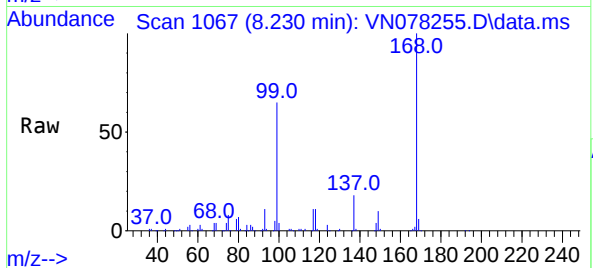
FSND-MW-EVAL-3D-06122023DL

Tgt Ion:168 Resp: 457041

Ion Ratio Lower Upper

168 100

99 64.6 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 53.289 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078255.D

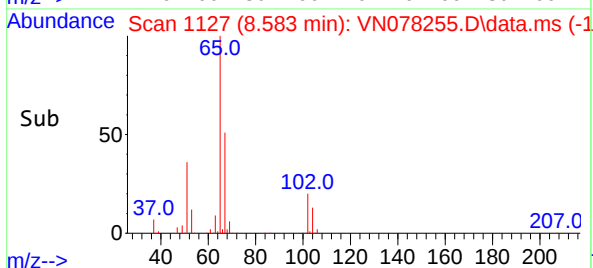
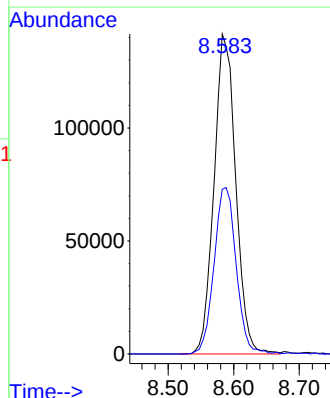
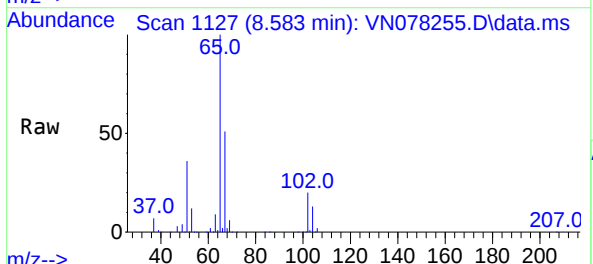
Acq: 16 Jun 2023 13:14

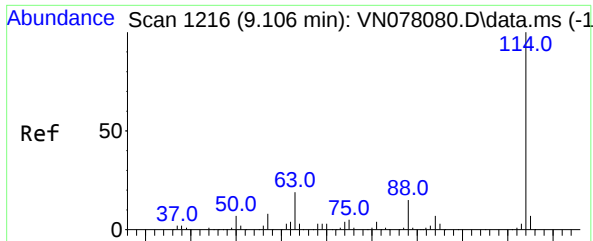
Tgt Ion: 65 Resp: 324731

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6

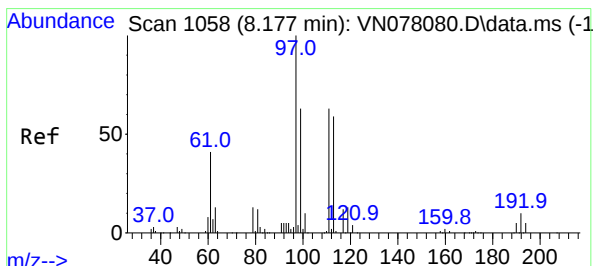
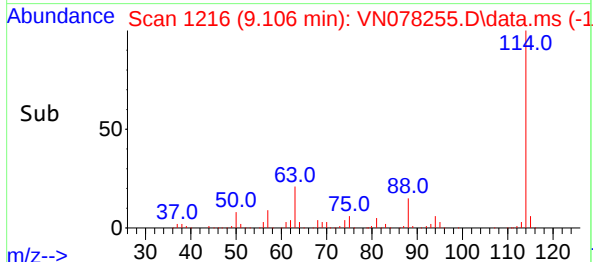
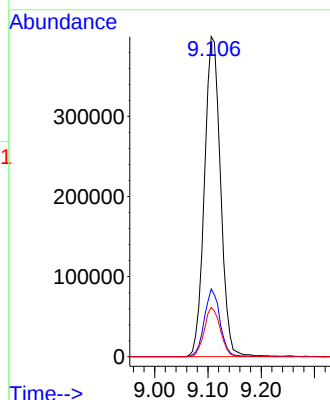
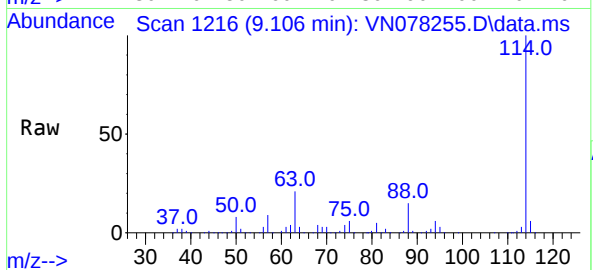




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078255.D
Acq: 16 Jun 2023 13:14

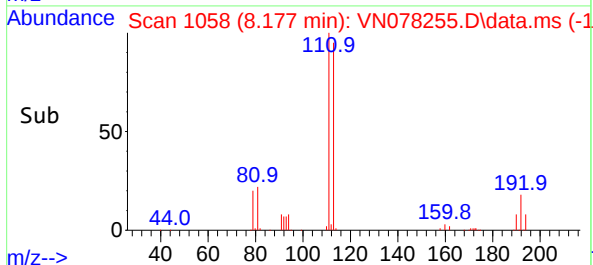
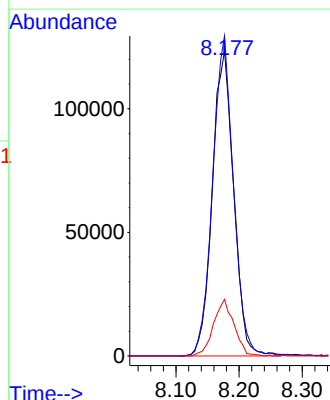
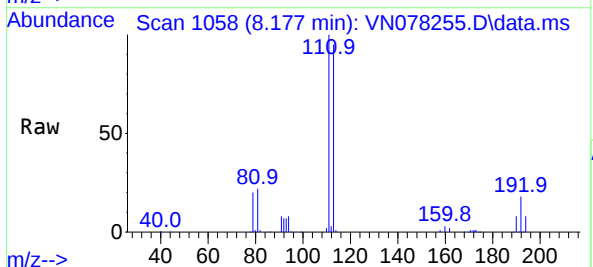
Instrument :
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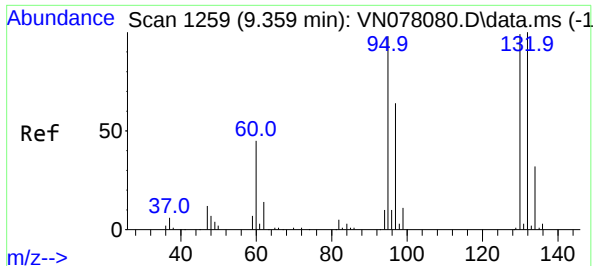
Tgt Ion:114 Resp: 838351
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.712 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078255.D
Acq: 16 Jun 2023 13:14

Tgt Ion:113 Resp: 290015
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 17.7 12.7 19.1

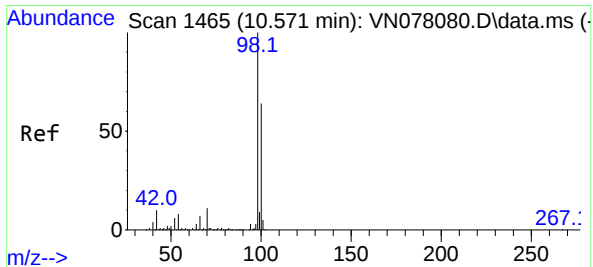
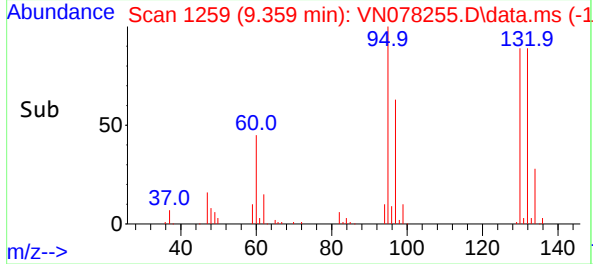
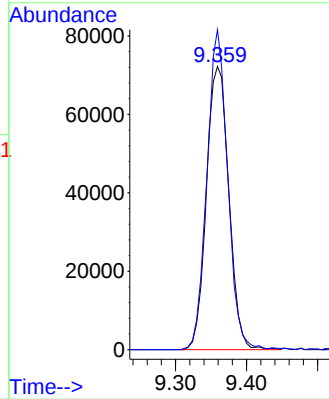
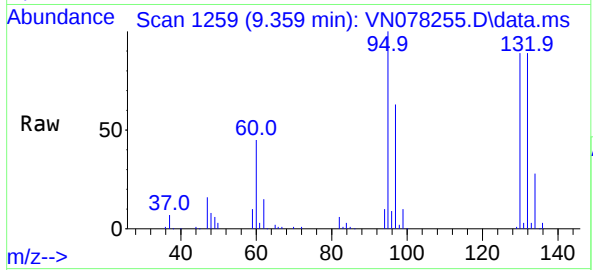




#44
Trichloroethene
Concen: 26.426 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078255.D
Acq: 16 Jun 2023 13:14

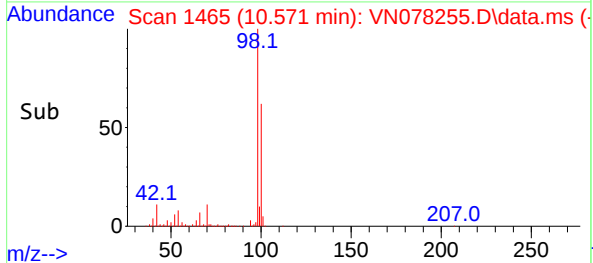
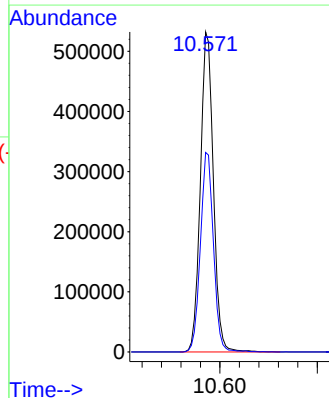
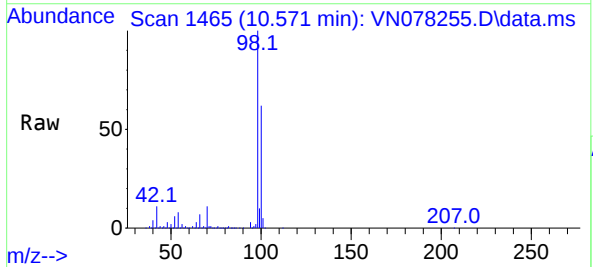
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-3D-06122023DL

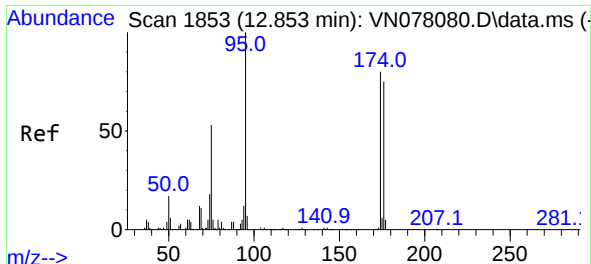
Tgt Ion:130 Resp: 158411
Ion Ratio Lower Upper
130 100
95 113.0 0.0 204.6



#50
Toluene-d8
Concen: 48.194 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078255.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 98 Resp: 984846
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



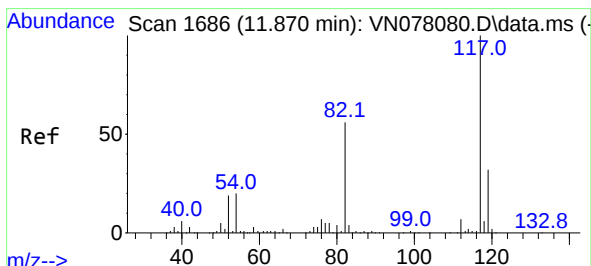
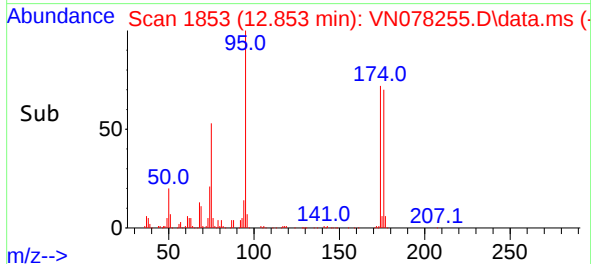
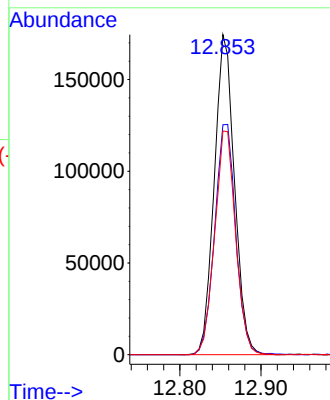
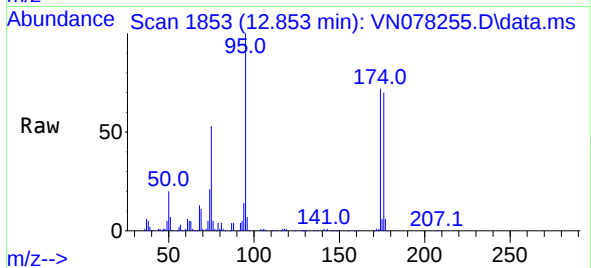


#62
4-Bromofluorobenzene
Concen: 47.466 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078255.D
Acq: 16 Jun 2023 13:14

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

Tgt Ion: 95 Resp: 301537

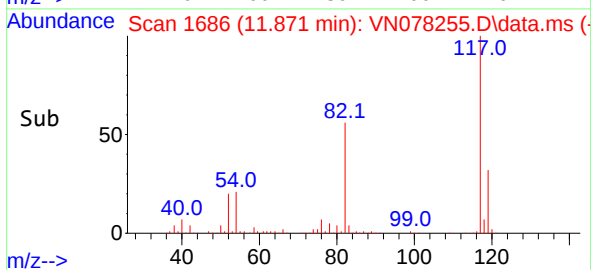
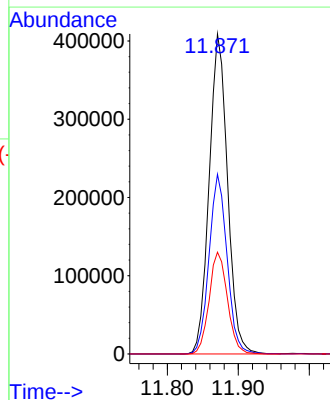
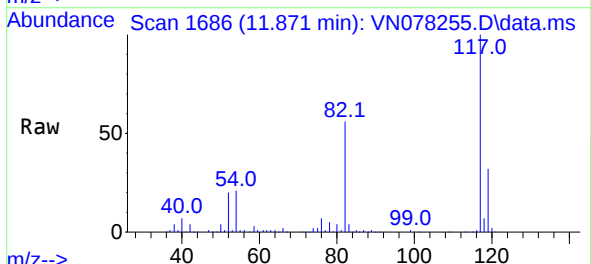
Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	143.8
176	72.3	0.0	135.8

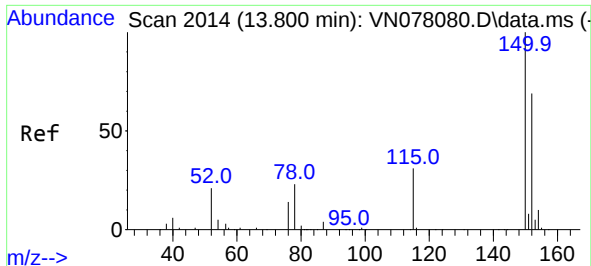


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078255.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 117 Resp: 734421

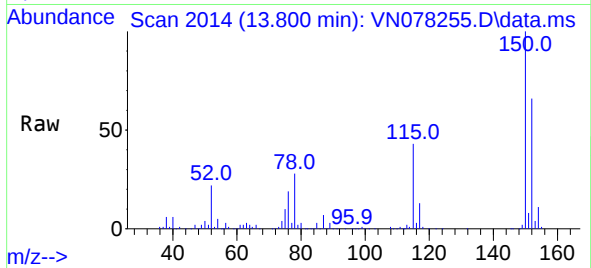
Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.0	66.0
119	31.8	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078255.D
 Acq: 16 Jun 2023 13:14

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



Tgt Ion:152 Resp: 228796
 Ion Ratio Lower Upper
 152 100
 115 60.2 32.3 96.8
 150 154.2 0.0 355.8

