

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079875.D
 Acq On : 04 Nov 2023 04:21
 Operator : JC\MD
 Sample : 05223-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-5-20231031

Quant Time: Nov 04 06:13:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

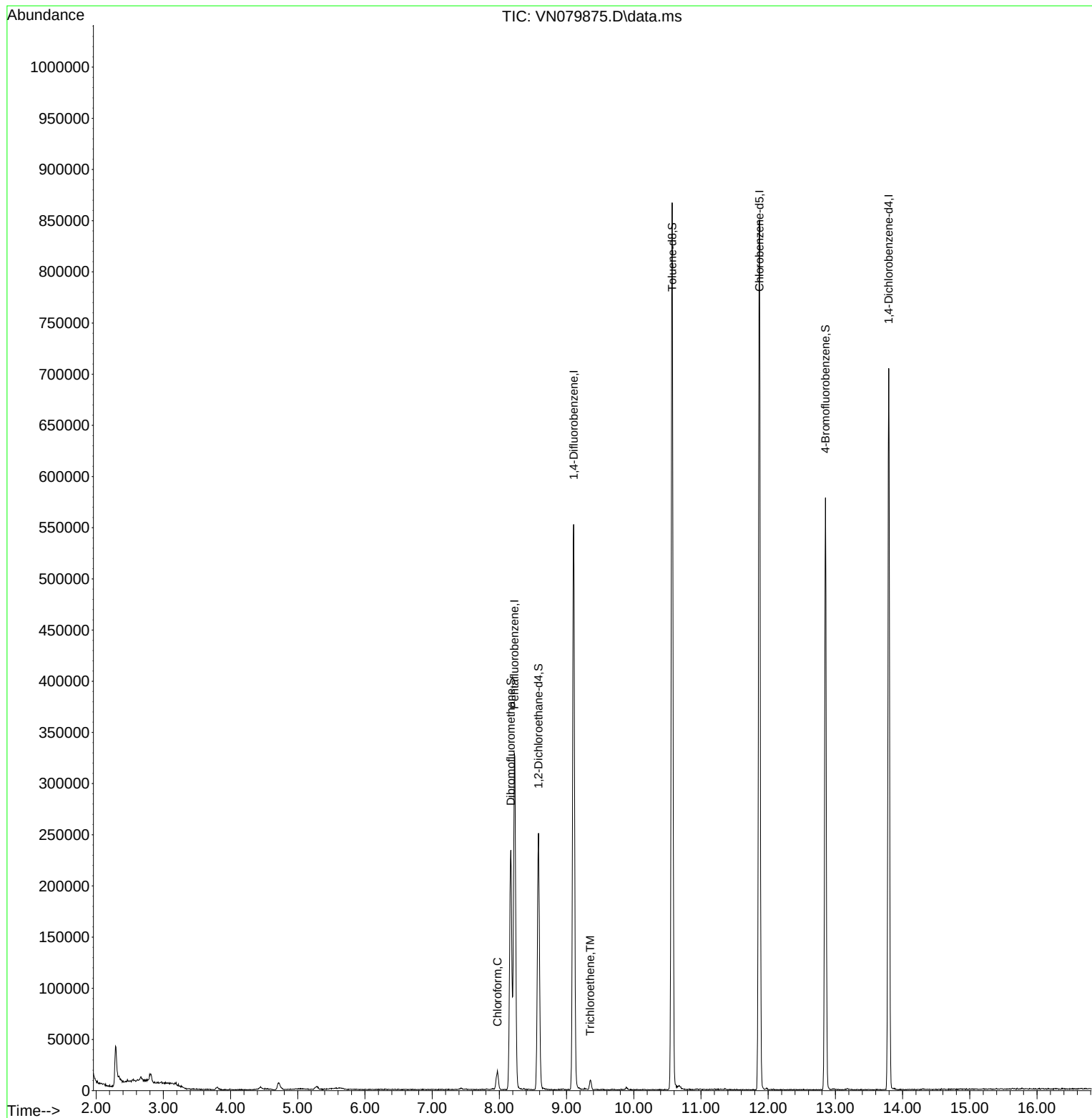
Internal Standards						
1) Pentafluorobenzene	8.224	168	229633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	464377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	477333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	202704	57.940	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.880%
35) Dibromofluoromethane	8.171	113	167175	50.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	10.571	98	568844	47.014	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.020%
62) 4-Bromofluorobenzene	12.853	95	189942	47.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.660%
Target Compounds						
					Qvalue	
30) Chloroform	7.971	83	17605	3.039	ug/l	96
44) Trichloroethene	9.353	130	3535	1.014	ug/l	75

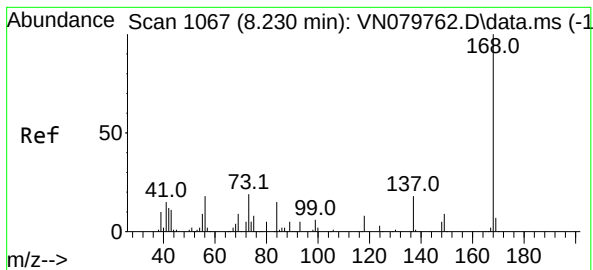
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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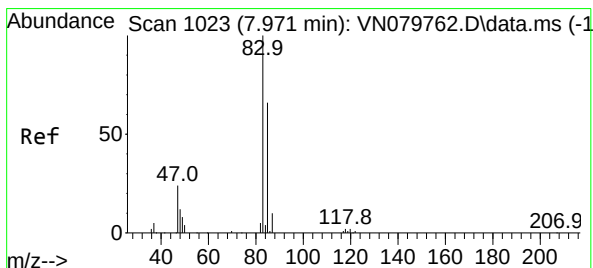
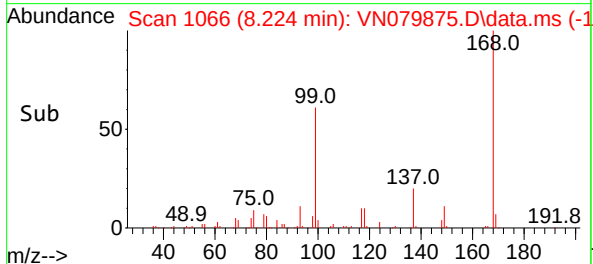
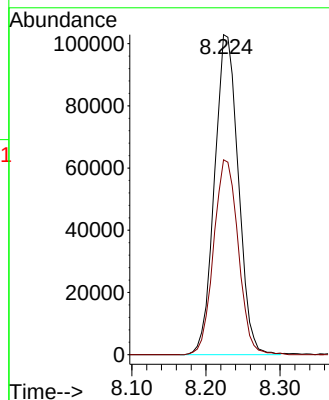
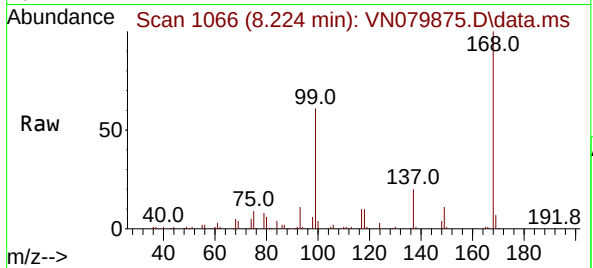




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN079875.D
Acq: 04 Nov 2023 04:21

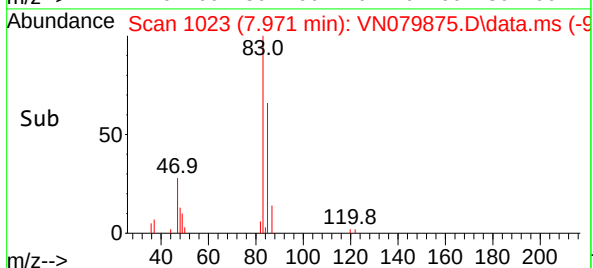
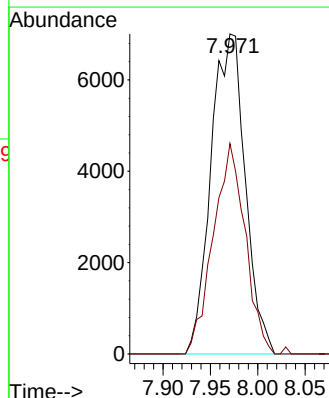
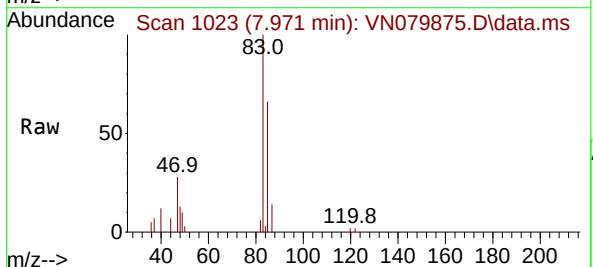
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-5-20231031

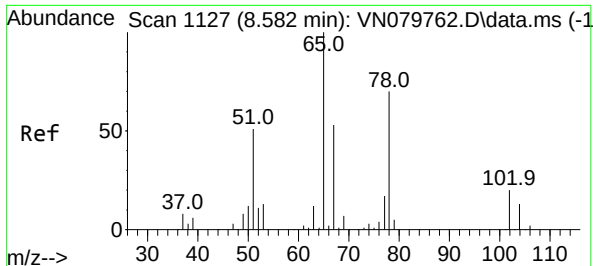
Tgt Ion:168 Resp: 229633
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#30
Chloroform
Concen: 3.039 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079875.D
Acq: 04 Nov 2023 04:21

Tgt Ion: 83 Resp: 17605
Ion Ratio Lower Upper
83 100
85 65.8 55.4 83.0

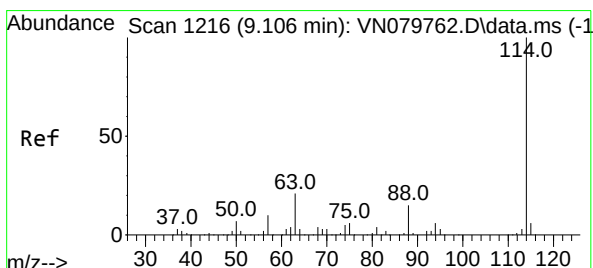
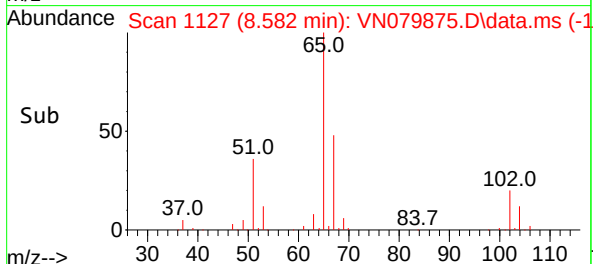
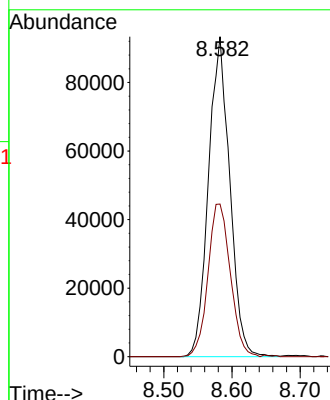
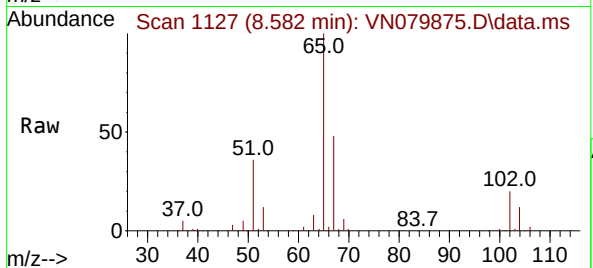




#33
 1,2-Dichloroethane-d4
 Concen: 57.940 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079875.D
 Acq: 04 Nov 2023 04:21

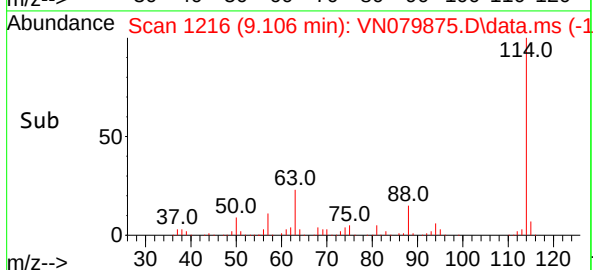
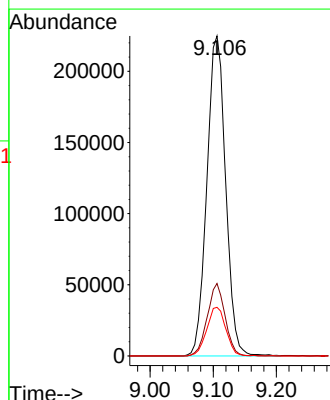
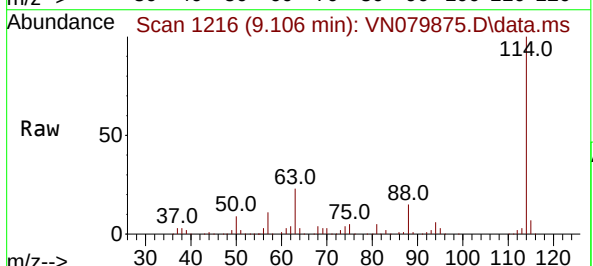
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-5-20231031

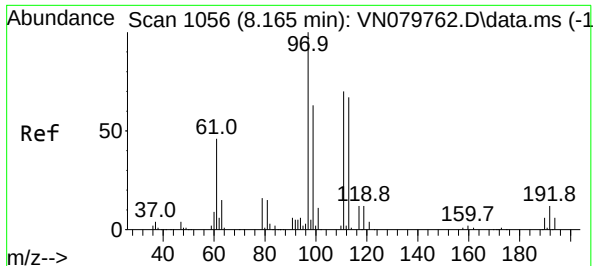
Tgt Ion: 65 Resp: 202704
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079875.D
 Acq: 04 Nov 2023 04:21

Tgt Ion: 114 Resp: 464377
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 36.4
 88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.865 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079875.D

Acq: 04 Nov 2023 04:21

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-5-20231031

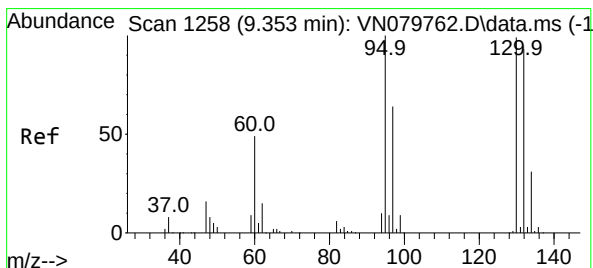
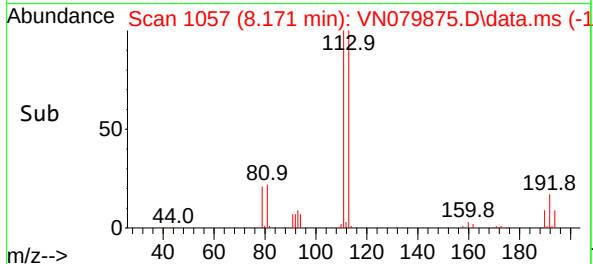
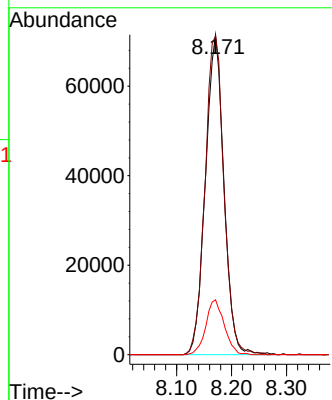
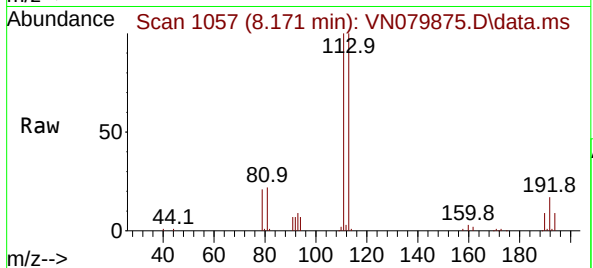
Tgt Ion:113 Resp: 167175

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 17.1 12.7 19.1



#44

Trichloroethene

Concen: 1.014 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079875.D

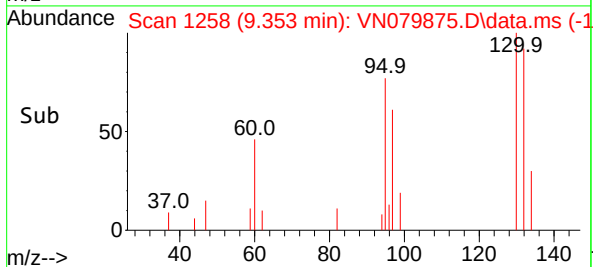
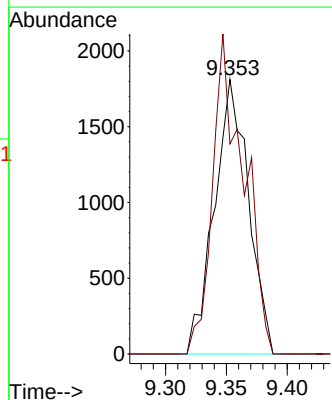
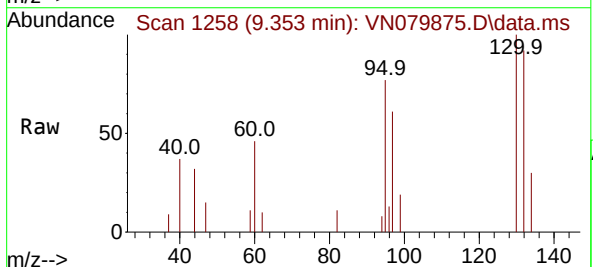
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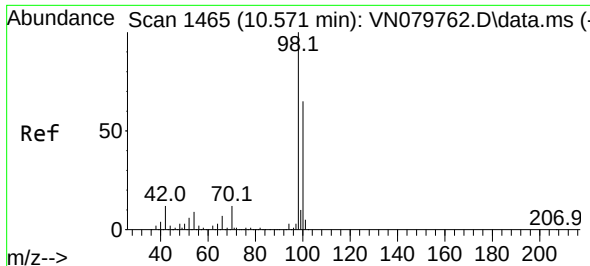
Tgt Ion:130 Resp: 3535

Ion Ratio Lower Upper

130 100

95 76.5 0.0 204.6

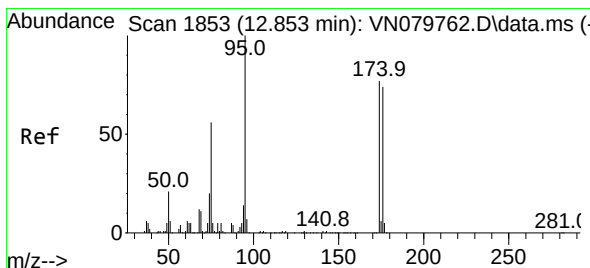
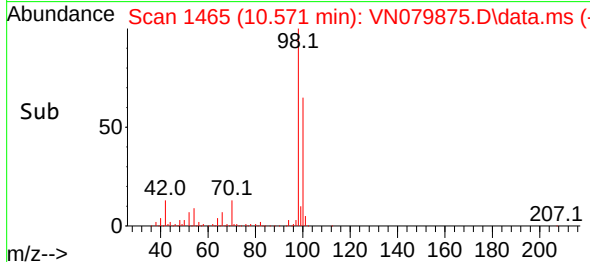
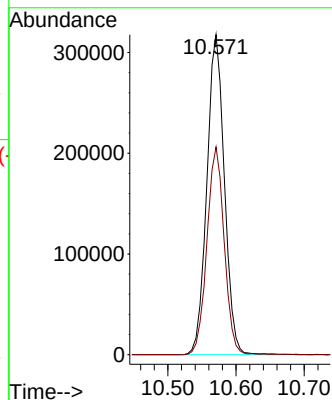
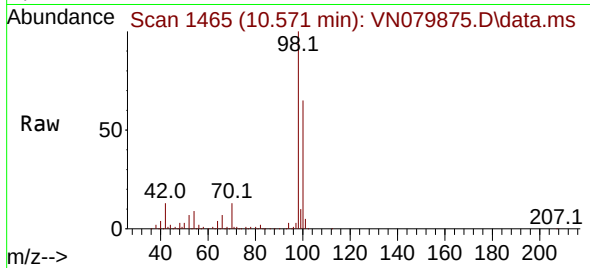




#50
Toluene-d8
Concen: 47.014 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079875.D
Acq: 04 Nov 2023 04:21

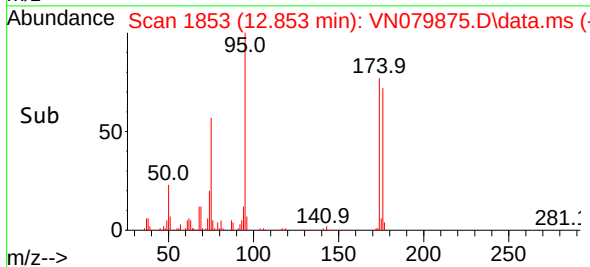
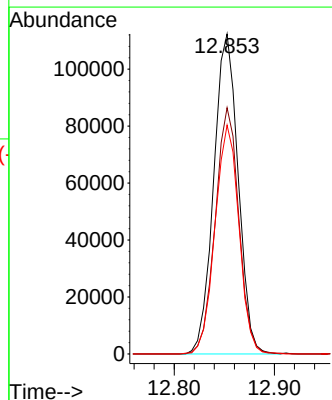
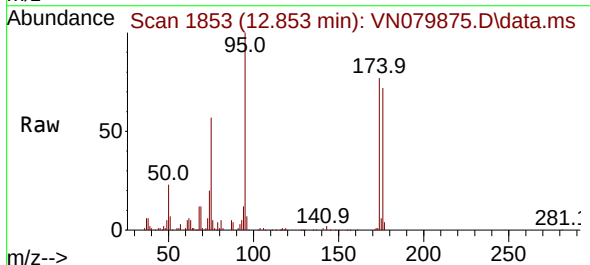
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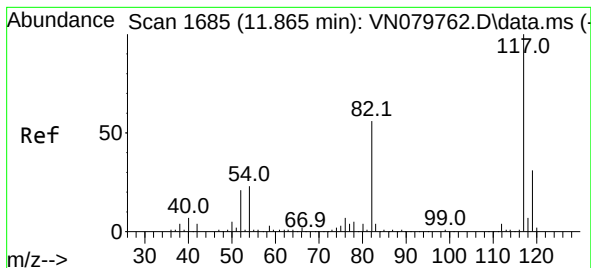
Tgt Ion: 98 Resp: 568844
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.334 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079875.D
Acq: 04 Nov 2023 04:21

Tgt Ion: 95 Resp: 189942
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 70.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079875.D

Acq: 04 Nov 2023 04:21

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-5-20231031

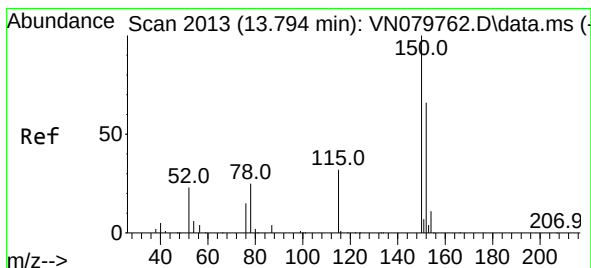
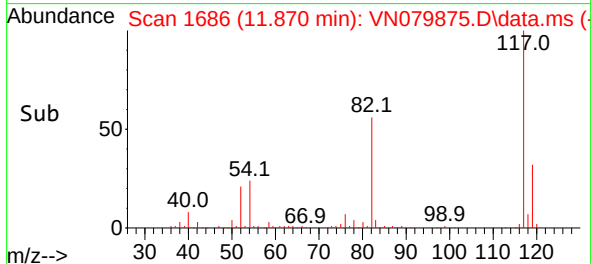
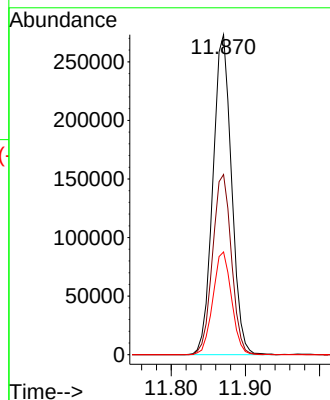
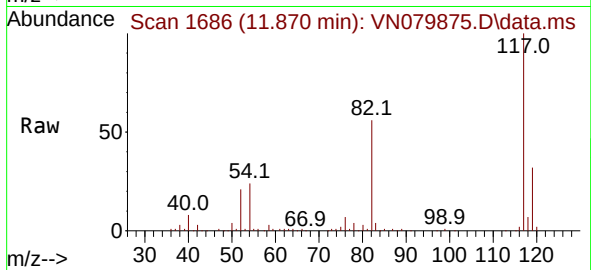
Tgt Ion:117 Resp: 477333

Ion Ratio Lower Upper

117 100

82 56.3 44.0 66.0

119 32.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079875.D

Acq: 04 Nov 2023 04:21

Tgt Ion:152 Resp: 182807

Ion Ratio Lower Upper

152 100

115 62.9 32.3 96.8

150 156.4 0.0 355.8

