

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079901.D
 Acq On : 04 Nov 2023 18:29
 Operator : JC\MD
 Sample : 05223-01DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-27-20231101DL

Quant Time: Nov 06 02:17:41 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)

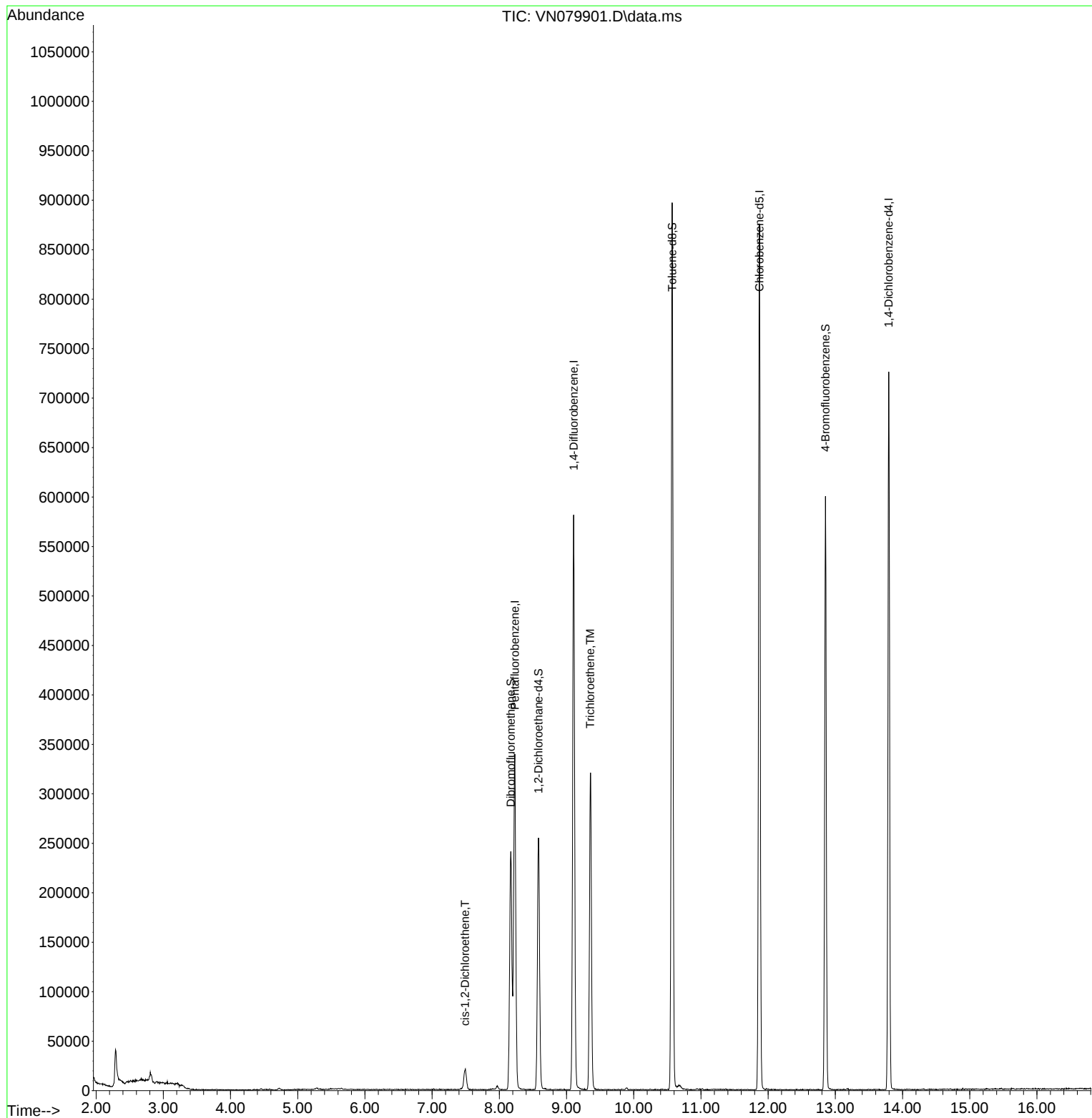
Internal Standards						
1) Pentafluorobenzene	8.230	168	233644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	472903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	481425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	210643	59.175	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.360%
35) Dibromofluoromethane	8.171	113	173245	51.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.520%
50) Toluene-d8	10.571	98	593581	48.174	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.340%
62) 4-Bromofluorobenzene	12.853	95	200288	49.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.020%
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	7.489	96	12645	3.769	ug/l	95
44) Trichloroethene	9.353	130	111780	31.471	ug/l	98

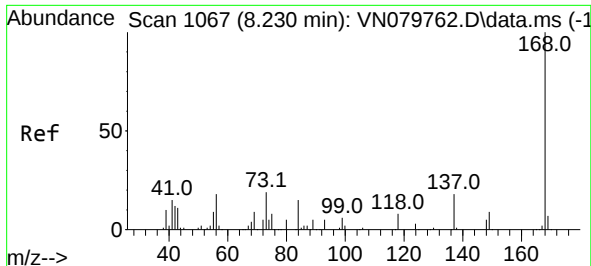
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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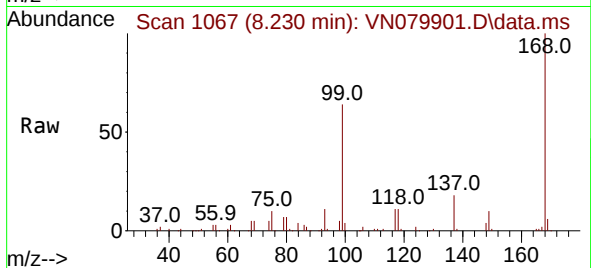
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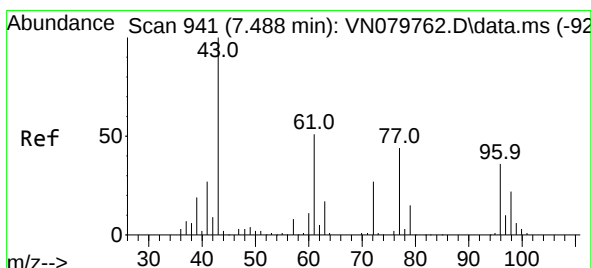
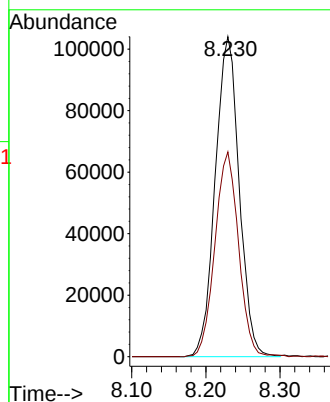
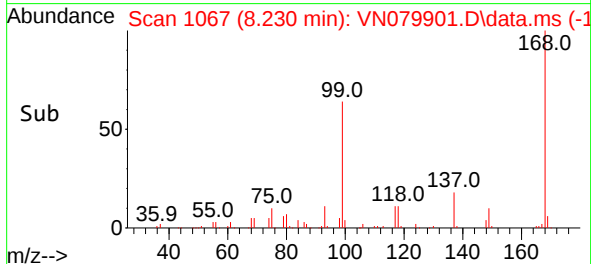


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079901.D
Acq: 04 Nov 2023 18:29

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-27-20231101DL

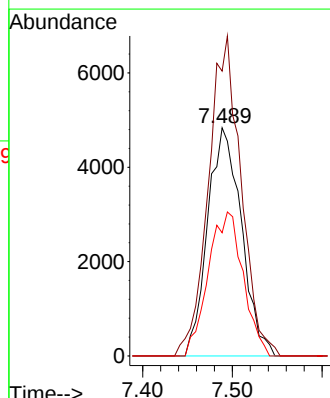
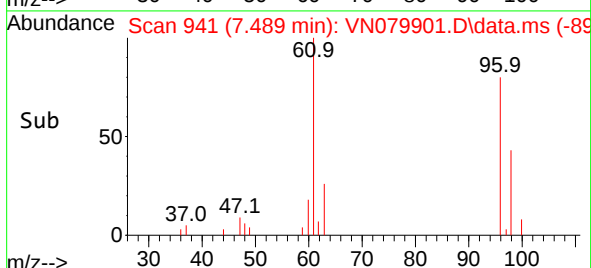
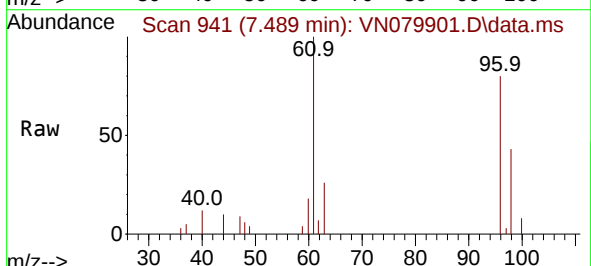


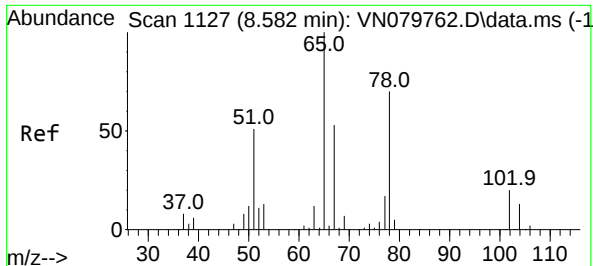
Tgt Ion:168 Resp: 233644
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#27
cis-1,2-Dichloroethene
Concen: 3.769 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079901.D
Acq: 04 Nov 2023 18:29

Tgt Ion: 96 Resp: 12645
Ion Ratio Lower Upper
96 100
61 135.2 0.0 255.2
98 65.0 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 59.175 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079901.D

Acq: 04 Nov 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

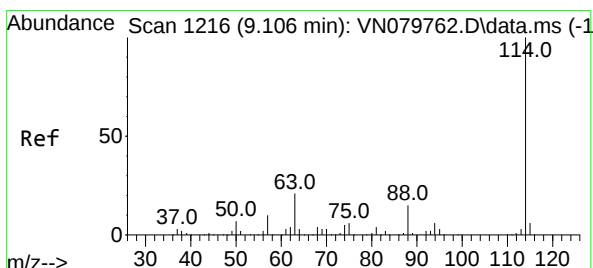
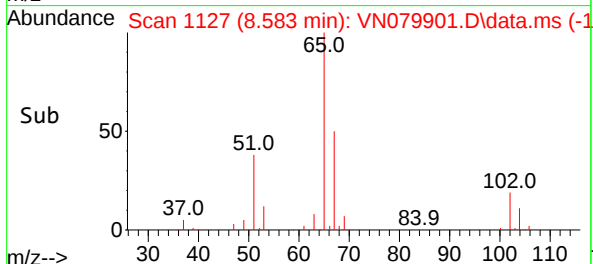
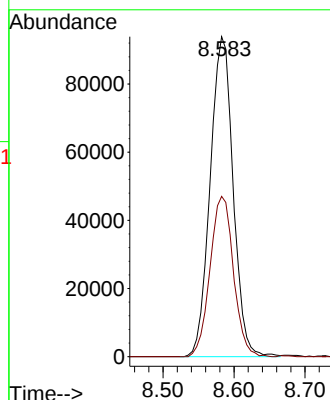
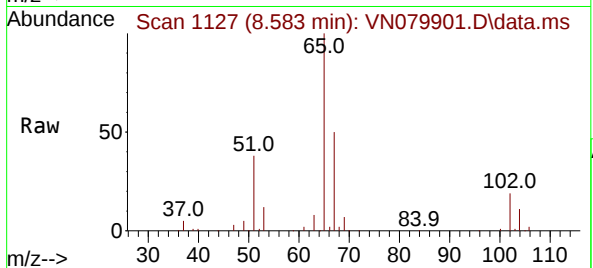
FSND-MW-27-20231101DL

Tgt Ion: 65 Resp: 210643

Ion Ratio Lower Upper

65 100

67 51.0 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: VN079901.D

Acq: 04 Nov 2023 18:29

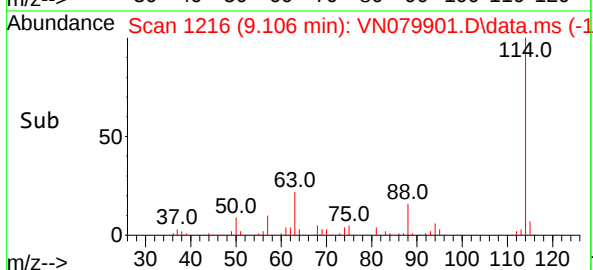
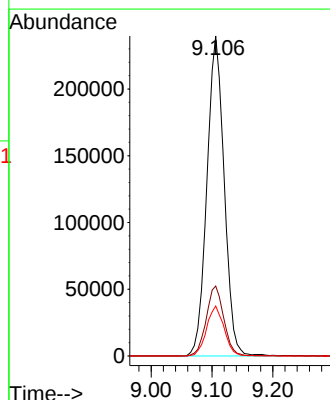
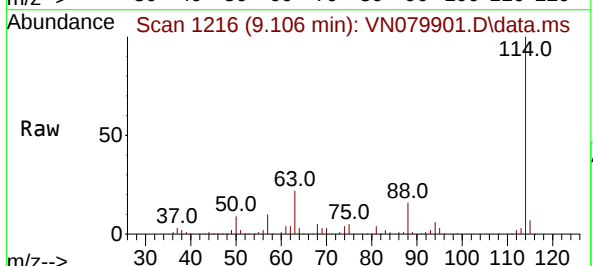
Tgt Ion: 114 Resp: 472903

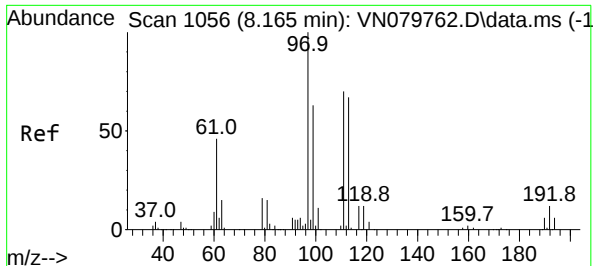
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.761 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079901.D

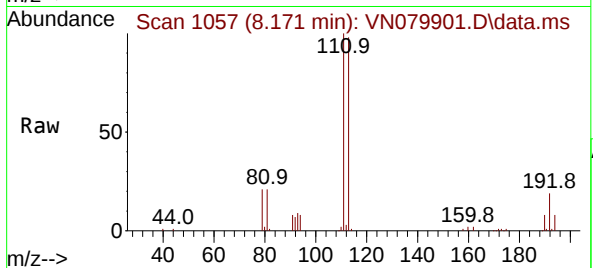
Acq: 04 Nov 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-27-20231101DL



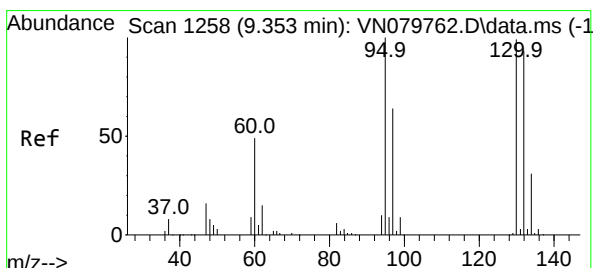
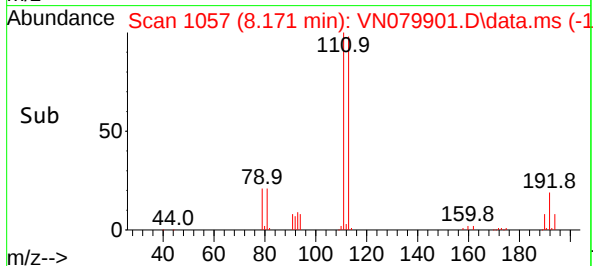
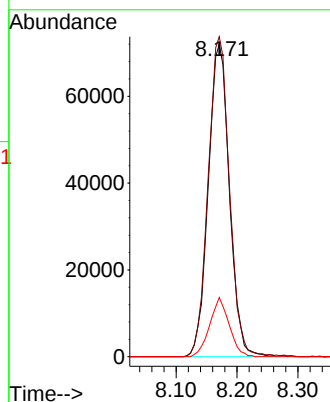
Tgt Ion:113 Resp: 173245

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 17.5 12.7 19.1



#44

Trichloroethene

Concen: 31.471 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN079901.D

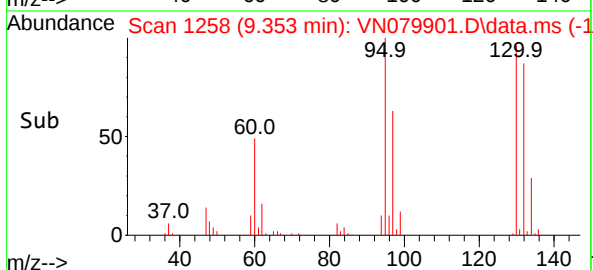
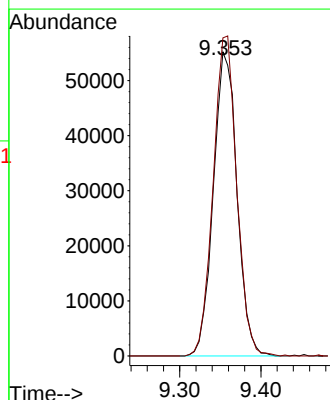
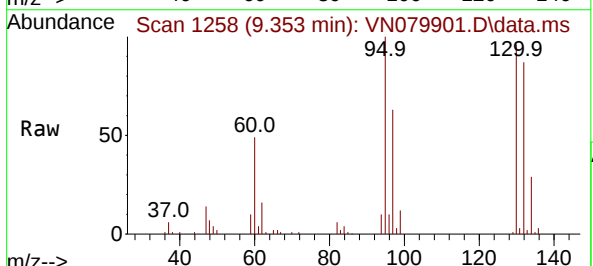
Acq: 04 Nov 2023 18:29

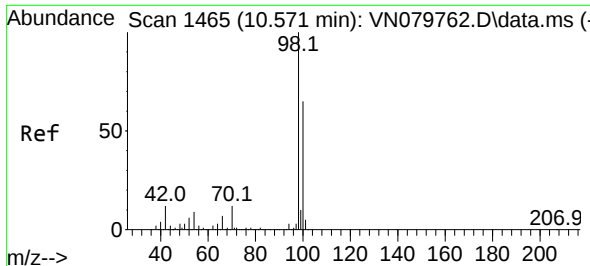
Tgt Ion:130 Resp: 111780

Ion Ratio Lower Upper

130 100

95 104.6 0.0 204.6

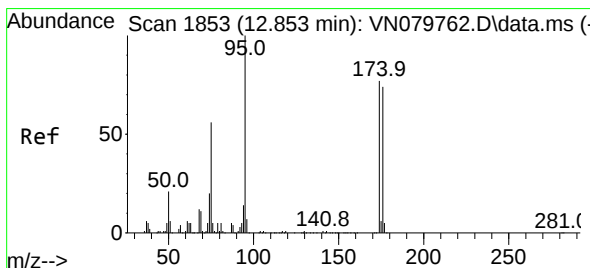
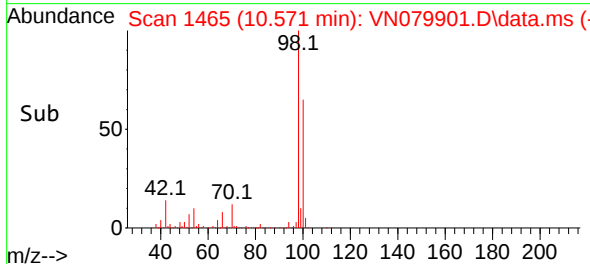
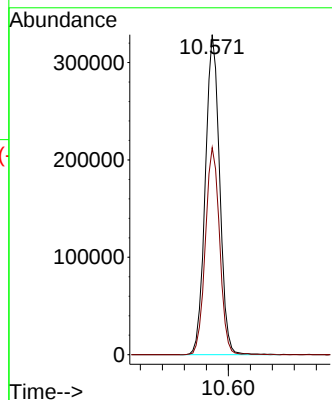
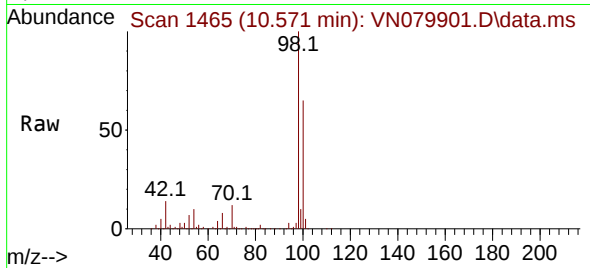




#50
Toluene-d8
Concen: 48.174 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079901.D
Acq: 04 Nov 2023 18:29

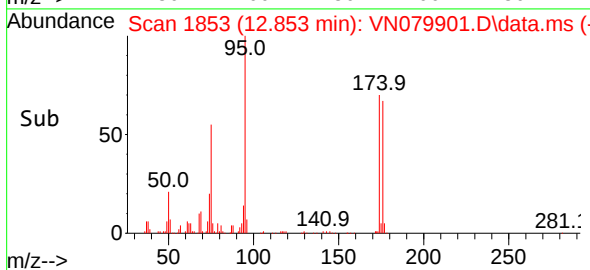
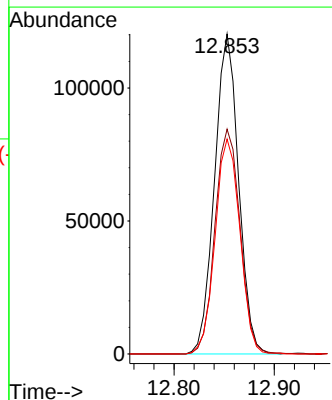
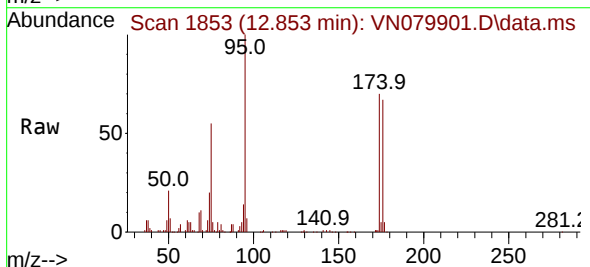
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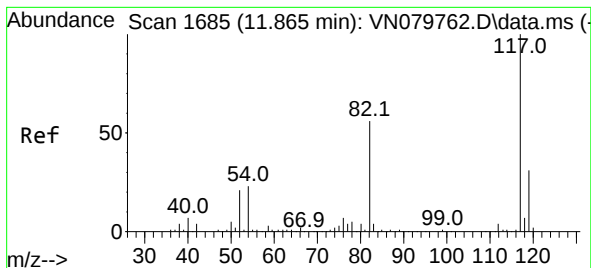
Tgt Ion: 98 Resp: 593581
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.013 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079901.D
Acq: 04 Nov 2023 18:29

Tgt Ion: 95 Resp: 200288
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 69.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079901.D

Acq: 04 Nov 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-27-20231101DL

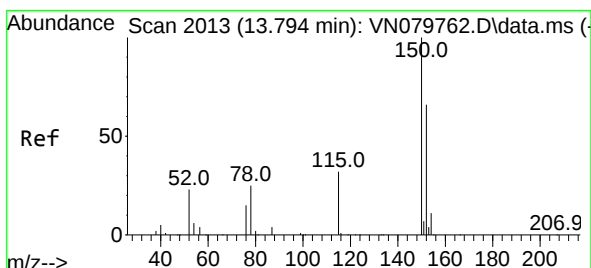
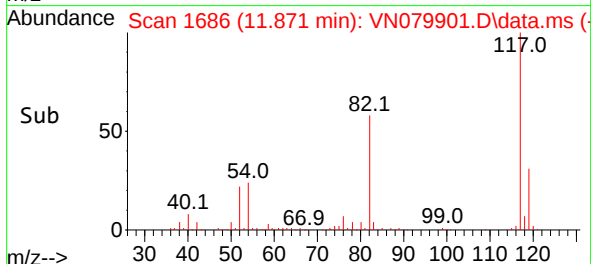
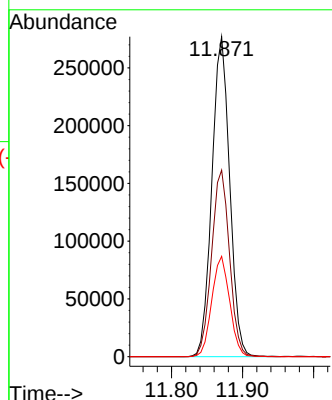
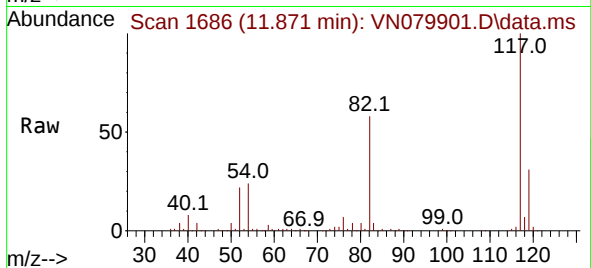
Tgt Ion:117 Resp: 481425

Ion Ratio Lower Upper

117 100

82 58.3 44.0 66.0

119 31.4 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: VN079901.D

Acq: 04 Nov 2023 18:29

Tgt Ion:152 Resp: 186485

Ion Ratio Lower Upper

152 100

115 62.6 32.3 96.8

150 158.4 0.0 355.8

