

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077812.D
 Acq On : 23 May 2023 13:31
 Operator : JC\MD
 Sample : 02880-19DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20230519DL

Quant Time: May 24 02:54:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

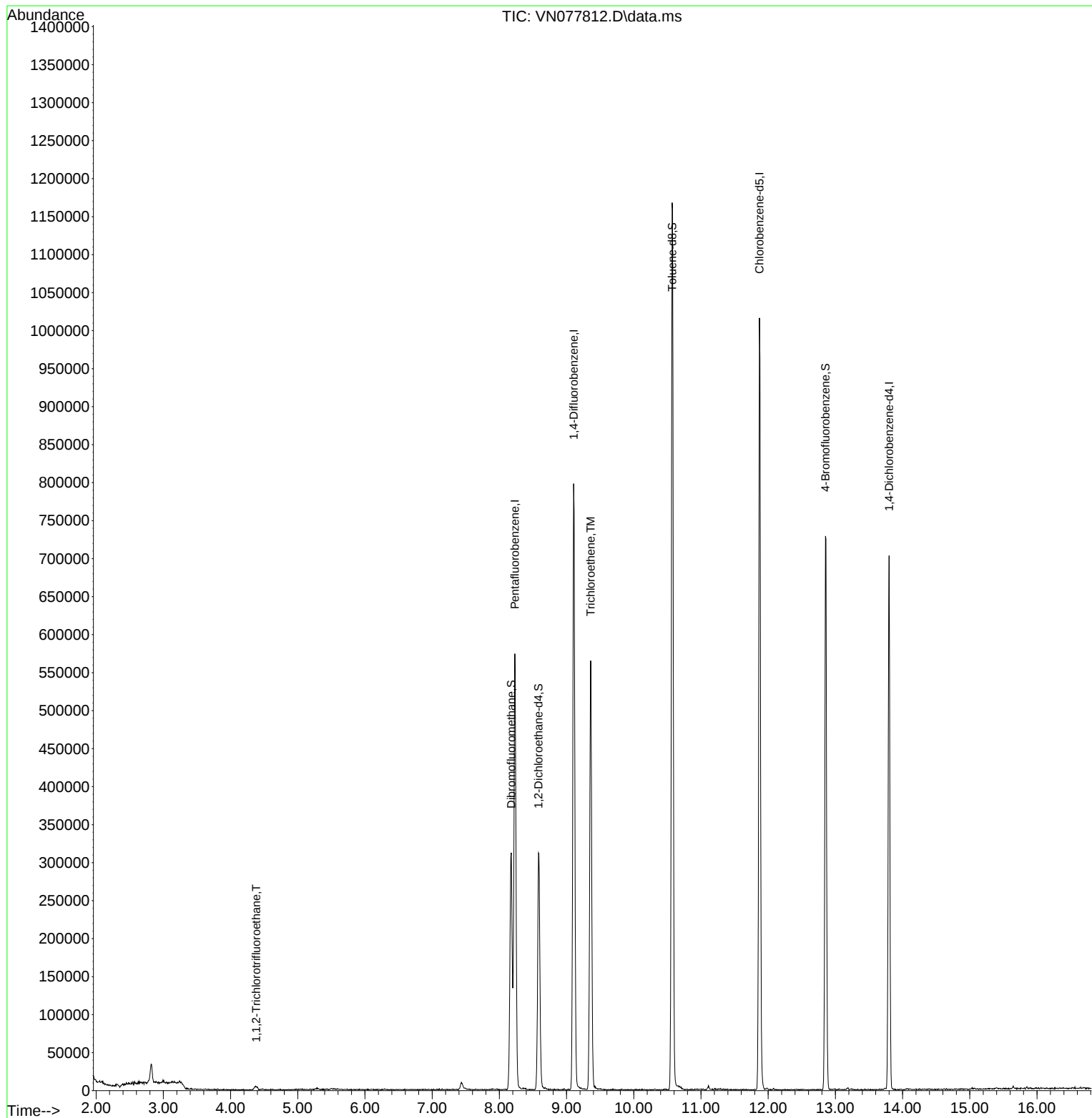
Internal Standards						
1) Pentafluorobenzene	8.230	168	403058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	711482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	611491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	185509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	263009	43.611	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.220%
35) Dibromofluoromethane	8.177	113	229701	49.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.020%
50) Toluene-d8	10.571	98	878801	49.211	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.853	95	271873	43.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.220%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.383	101	3358	0.753	ug/l #	81
44) Trichloroethene	9.359	130	203604	40.154	ug/l	99

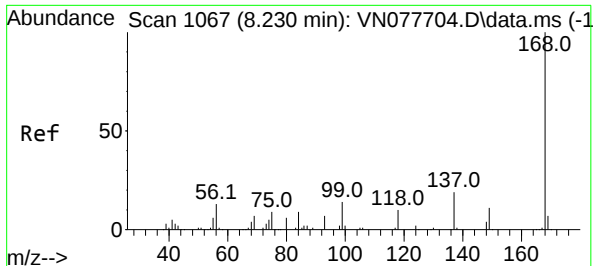
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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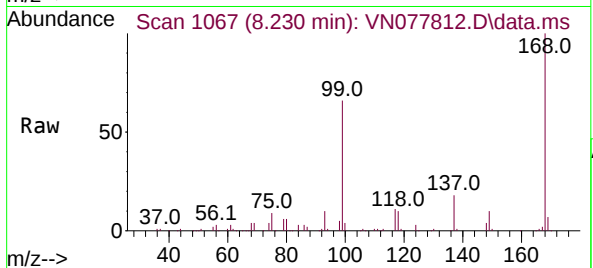
Quant Time: May 24 02:54:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
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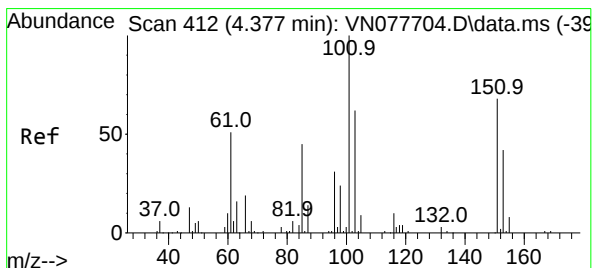
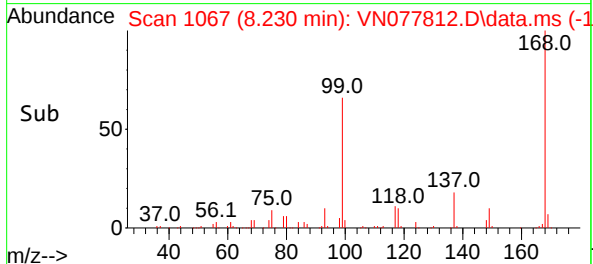
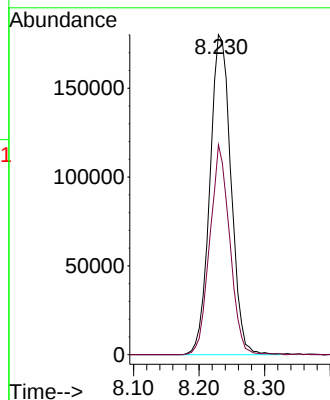


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077812.D
Acq: 23 May 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
RE137-20230519DL

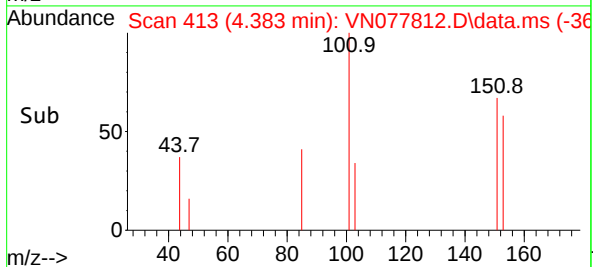
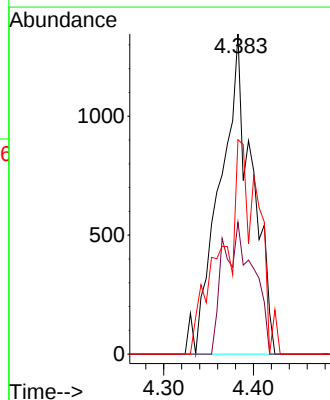
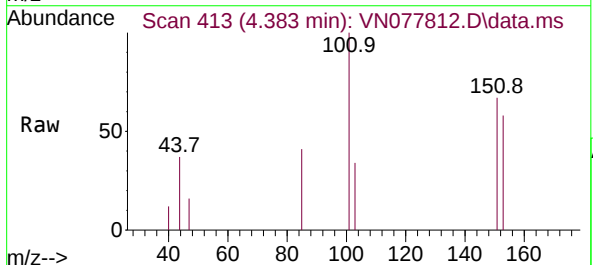


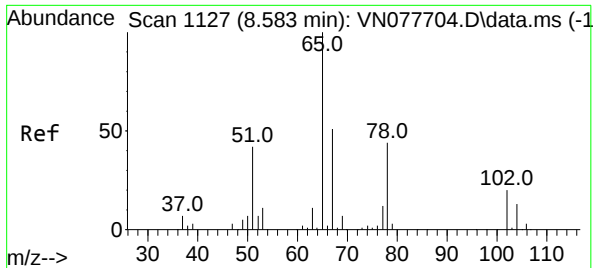
Tgt Ion:168 Resp: 403058
Ion Ratio Lower Upper
168 100
99 65.6 53.0 79.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.753 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN077812.D
Acq: 23 May 2023 13:31

Tgt Ion:101 Resp: 3358
Ion Ratio Lower Upper
101 100
85 38.3 36.6 55.0
151 52.1 57.6 86.4#





#33

1,2-Dichloroethane-d4

Concen: 43.611 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077812.D

Acq: 23 May 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

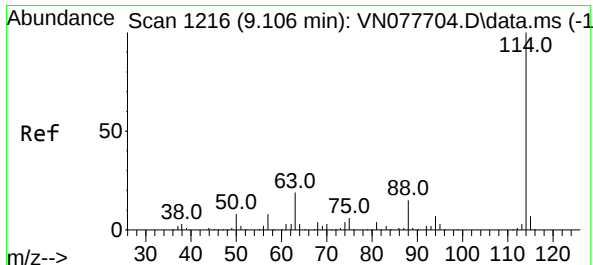
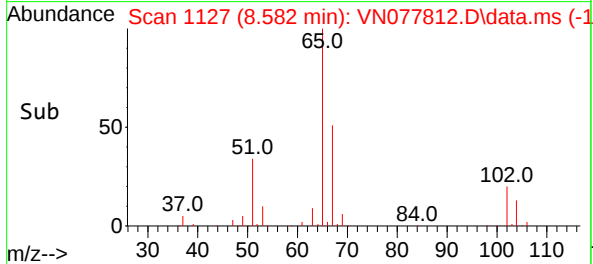
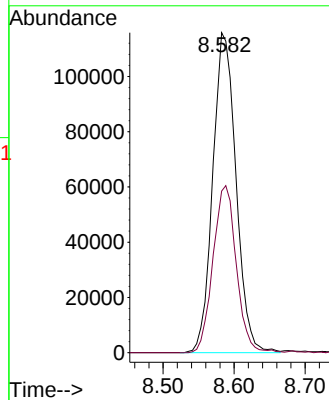
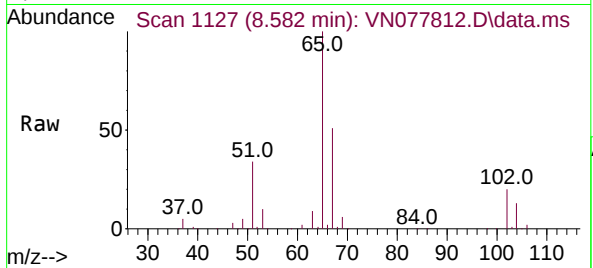
RE137-20230519DL

Tgt Ion: 65 Resp: 263009

Ion Ratio Lower Upper

65 100

67 52.3 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: VN077812.D

Acq: 23 May 2023 13:31

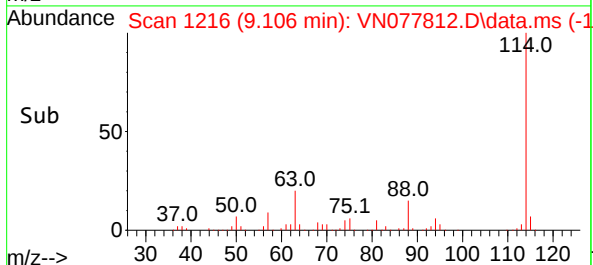
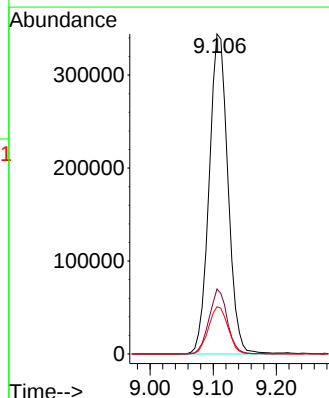
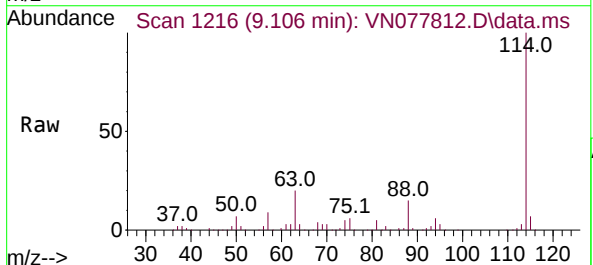
Tgt Ion: 114 Resp: 711482

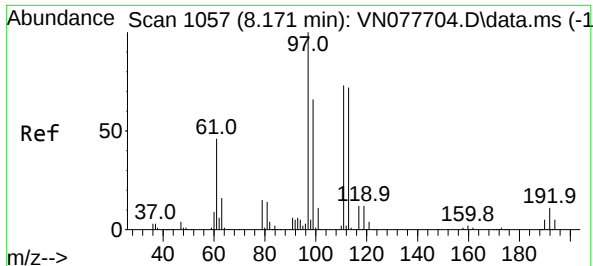
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.510 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077812.D

Acq: 23 May 2023 13:31

Instrument :

MSVOA_N

ClientSampleId :

RE137-20230519DL

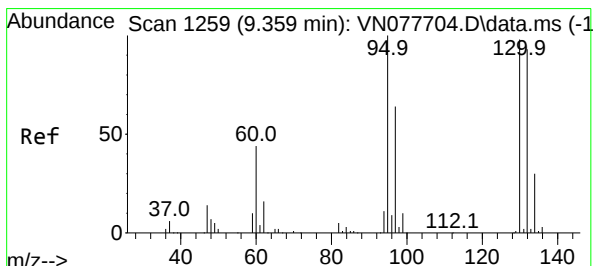
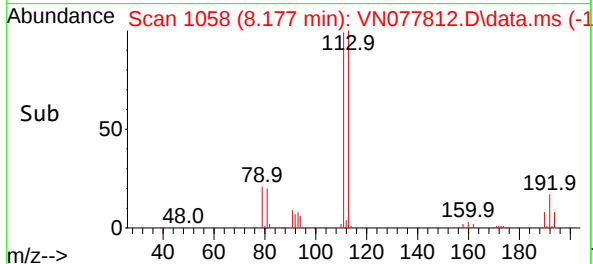
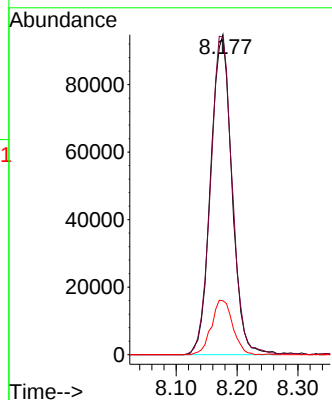
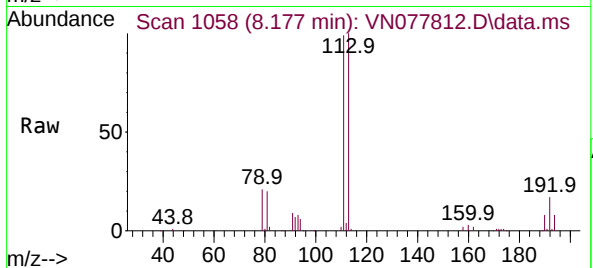
Tgt Ion:113 Resp: 229701

Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

192 17.0 12.7 19.1



#44

Trichloroethene

Concen: 40.154 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN077812.D

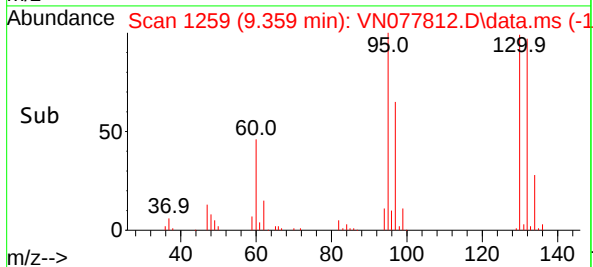
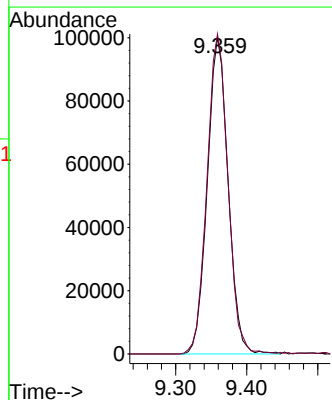
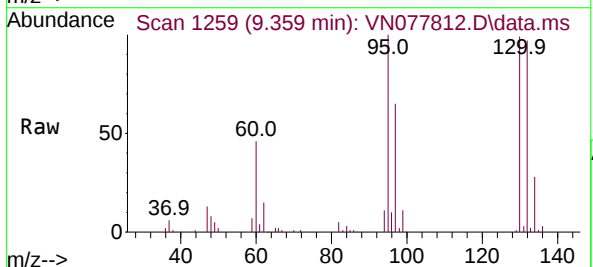
Acq: 23 May 2023 13:31

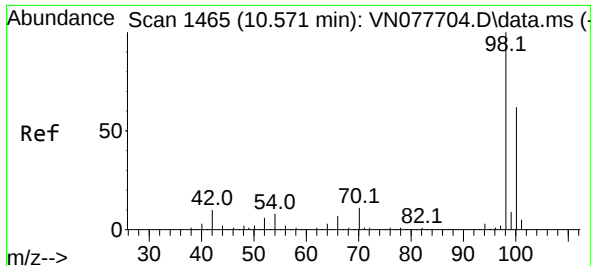
Tgt Ion:130 Resp: 203604

Ion Ratio Lower Upper

130 100

95 101.1 0.0 204.6

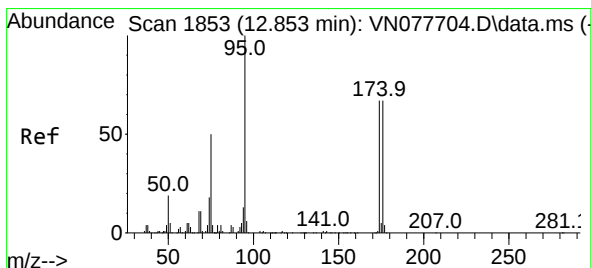
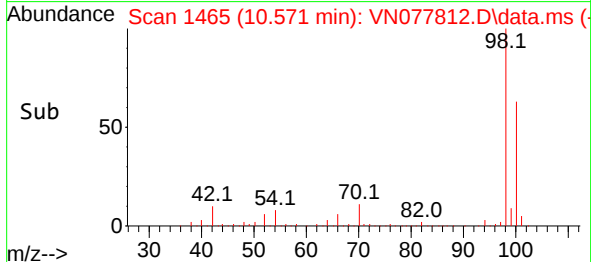
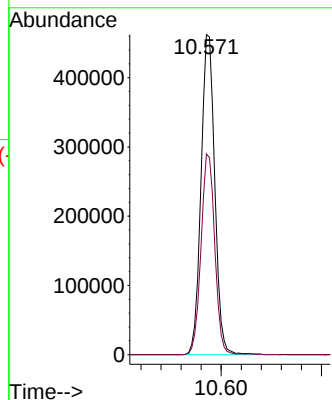
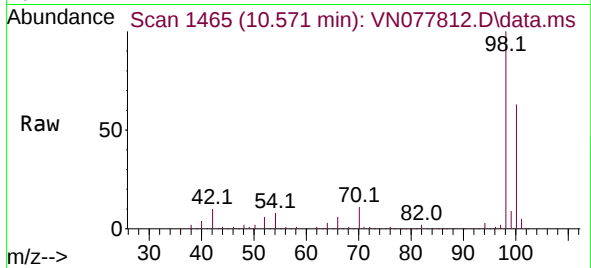




#50
Toluene-d8
Concen: 49.211 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077812.D
Acq: 23 May 2023 13:31

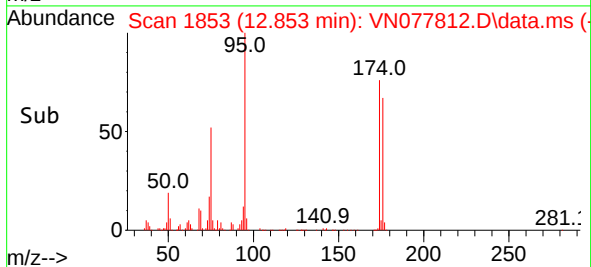
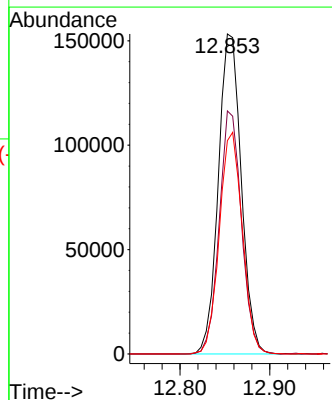
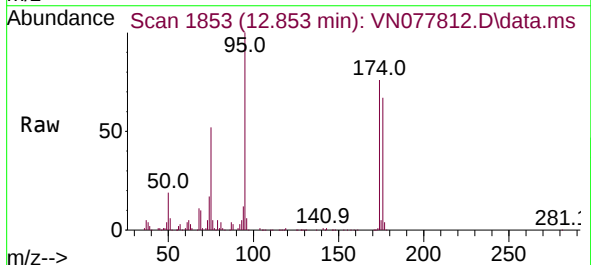
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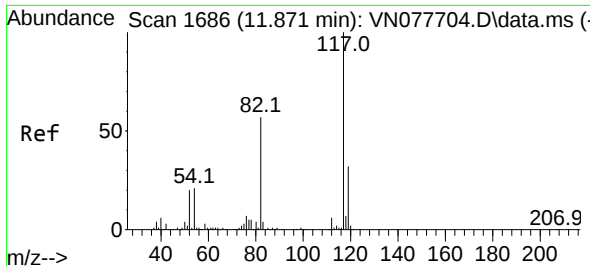
Tgt Ion: 98 Resp: 878801
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.107 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077812.D
Acq: 23 May 2023 13:31

Tgt Ion: 95 Resp: 271873
Ion Ratio Lower Upper
95 100
174 73.7 0.0 143.8
176 69.5 0.0 135.8

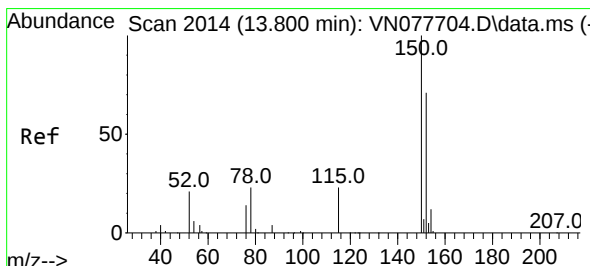
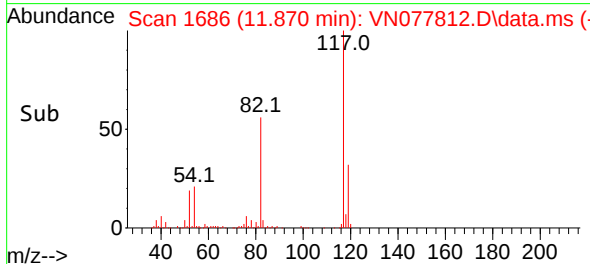
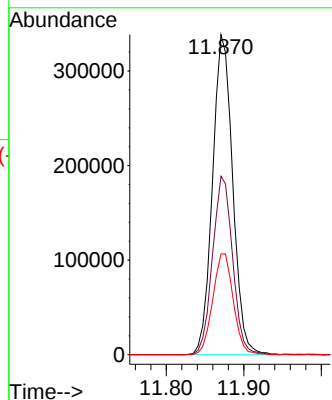
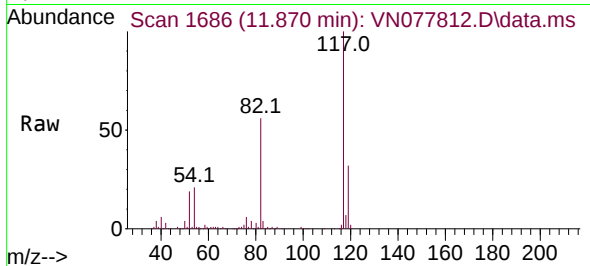




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077812.D
Acq: 23 May 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
RE137-20230519DL

Tgt Ion:117 Resp: 611491
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077812.D
Acq: 23 May 2023 13:31

Tgt Ion:152 Resp: 185509
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 163.3 0.0 355.8

