

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077784.D
 Acq On : 22 May 2023 13:06
 Operator : JC\MD
 Sample : 02880-04 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D7-20230517

Quant Time: May 23 04:19:06 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)

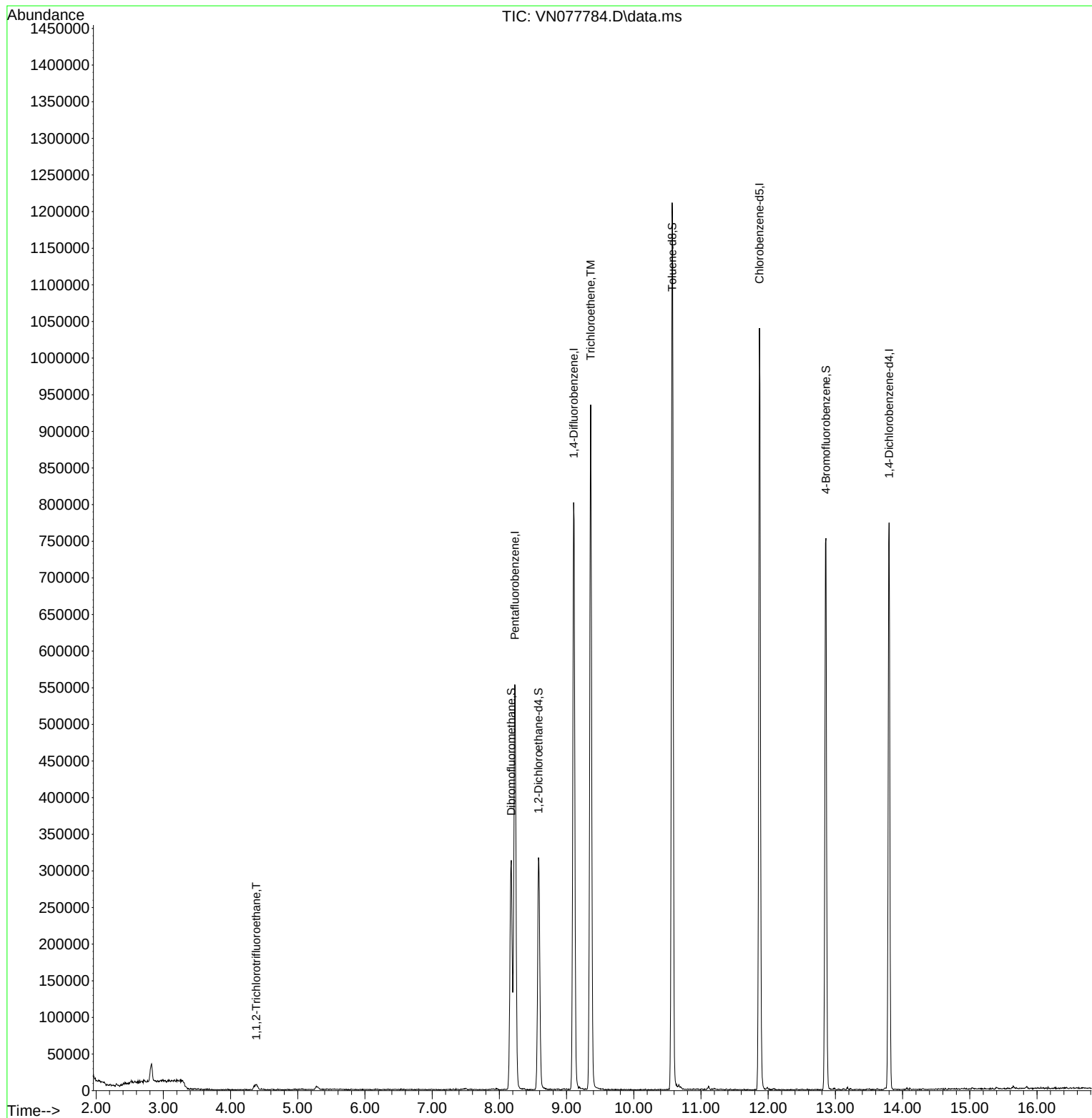
Internal Standards						
1) Pentafluorobenzene	8.230	168	404834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	717958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	625057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	215776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	262221	43.290	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.580%
35) Dibromofluoromethane	8.177	113	229117	48.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	10.571	98	883259	49.015	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.859	95	277787	43.647	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.300%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.383	101	5009	1.118	ug/l #	33
44) Trichloroethene	9.359	130	331024	64.695	ug/l	99

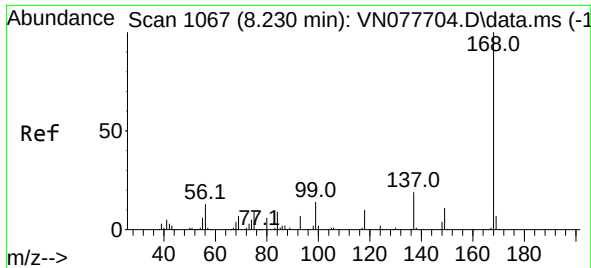
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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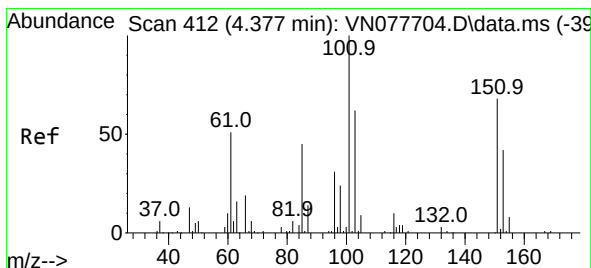
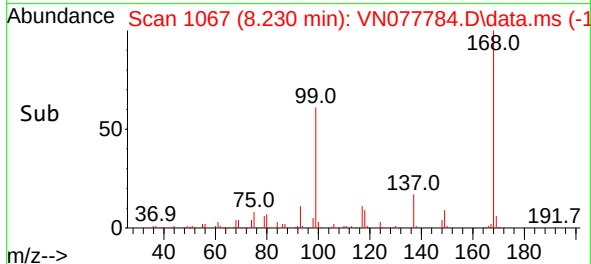
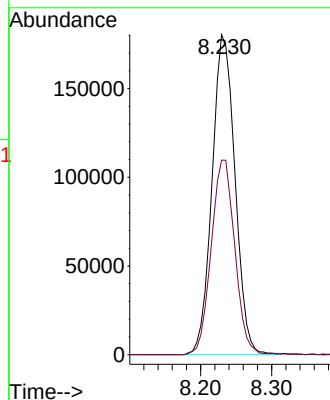
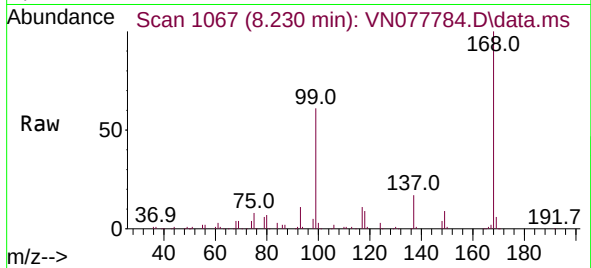




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077784.D
Acq: 22 May 2023 13:06

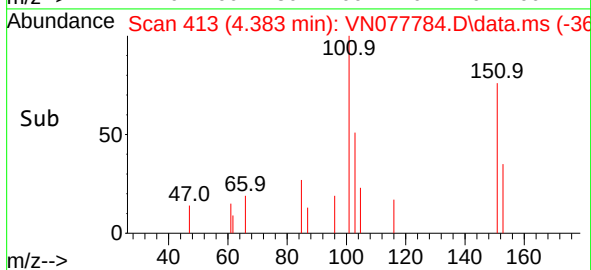
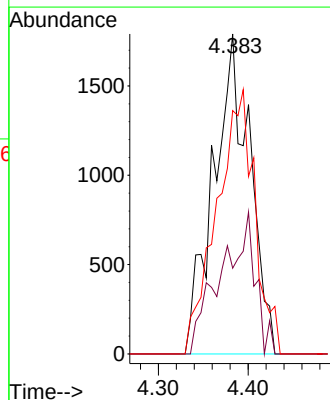
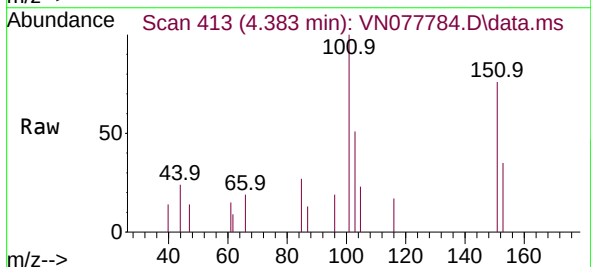
Instrument :
MSVOA_N
ClientSampleId :
RE132D7-20230517

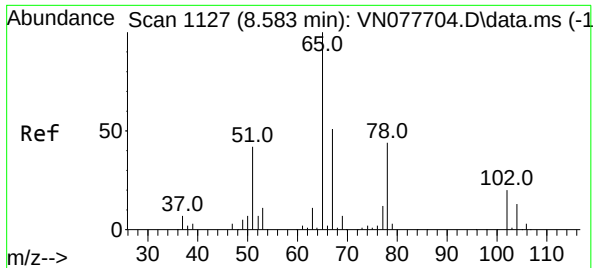
Tgt Ion:168 Resp: 404834
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.118 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN077784.D
Acq: 22 May 2023 13:06

Tgt Ion:101 Resp: 5009
Ion Ratio Lower Upper
101 100
85 21.6 36.6 55.0#
151 0.0 57.6 86.4#





#33

1,2-Dichloroethane-d4

Concen: 43.290 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077784.D

Acq: 22 May 2023 13:06

Instrument :

MSVOA_N

ClientSampleId :

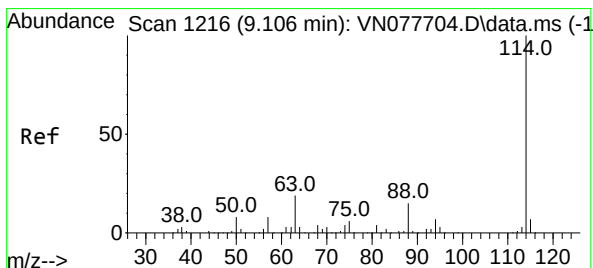
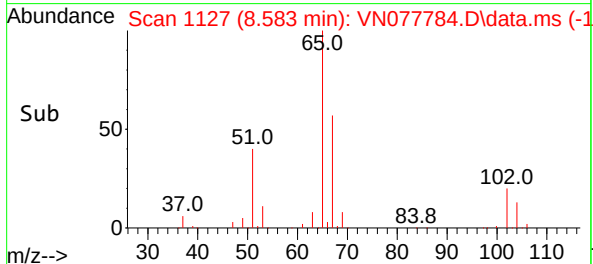
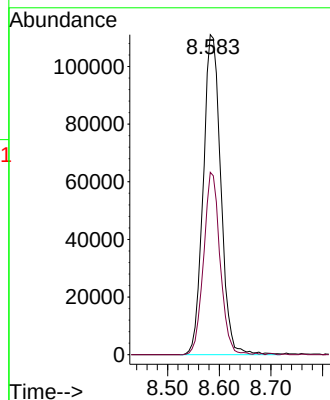
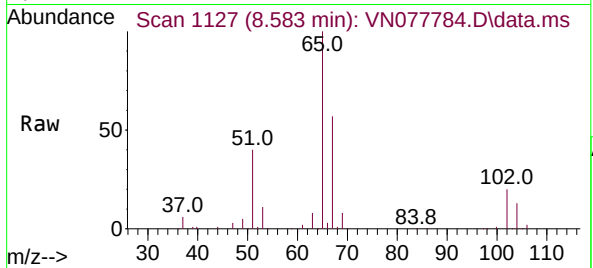
RE132D7-20230517

Tgt Ion: 65 Resp: 262221

Ion Ratio Lower Upper

65 100

67 53.3 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: VN077784.D

Acq: 22 May 2023 13:06

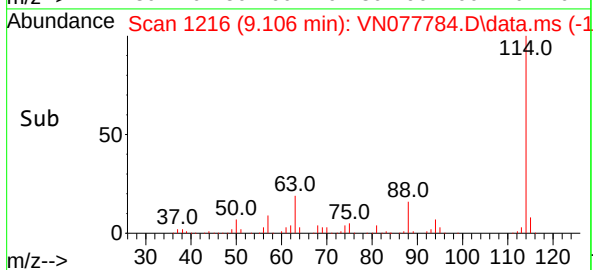
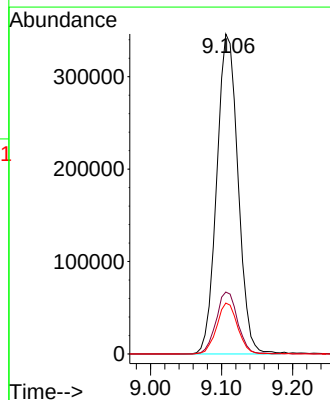
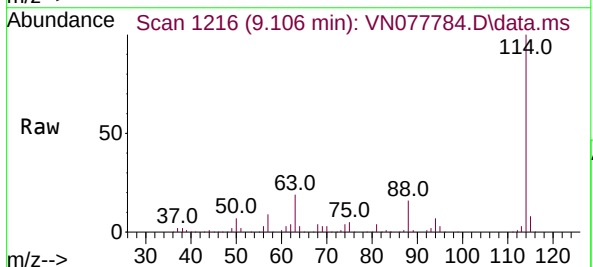
Tgt Ion: 114 Resp: 717958

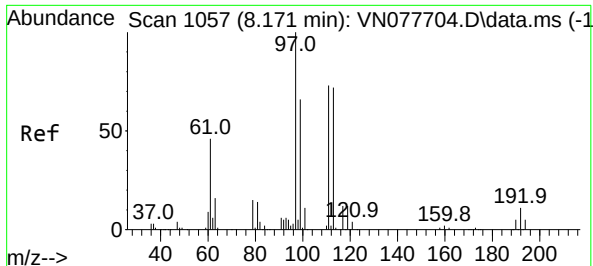
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.939 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077784.D

Acq: 22 May 2023 13:06

Instrument :

MSVOA_N

ClientSampleId :

RE132D7-20230517

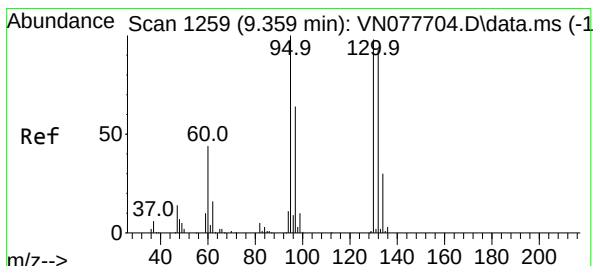
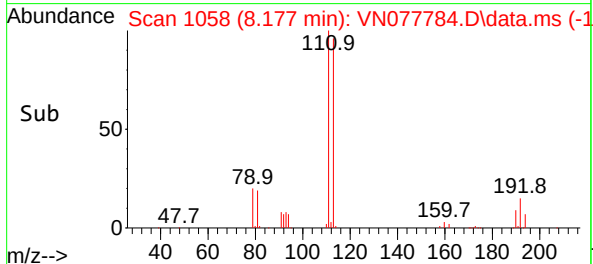
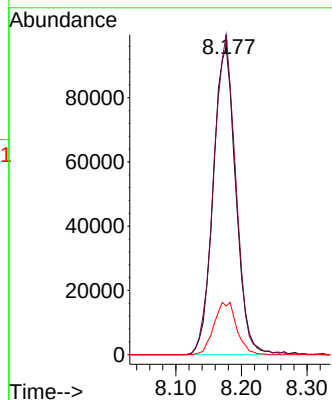
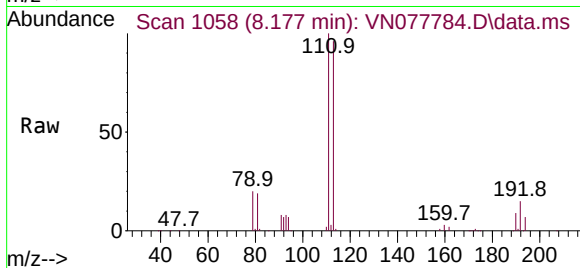
Tgt Ion:113 Resp: 229117

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 17.2 12.7 19.1



#44

Trichloroethene

Concen: 64.695 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN077784.D

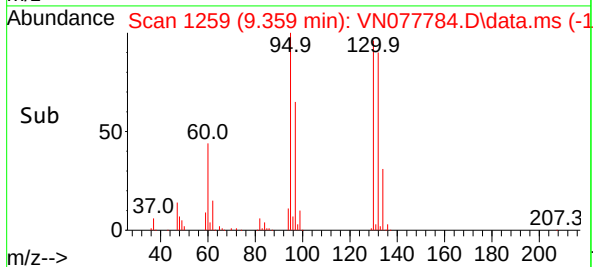
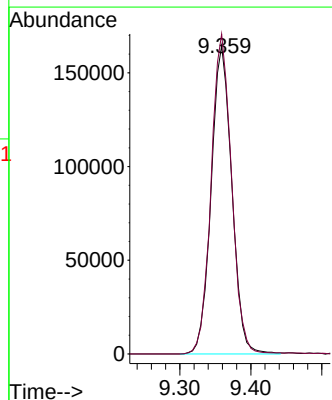
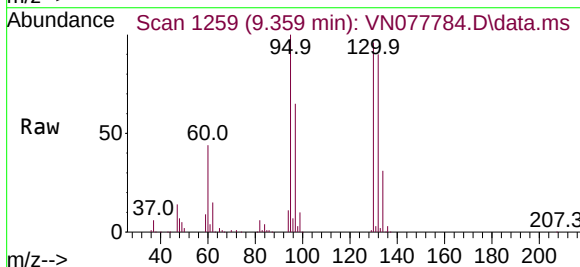
Acq: 22 May 2023 13:06

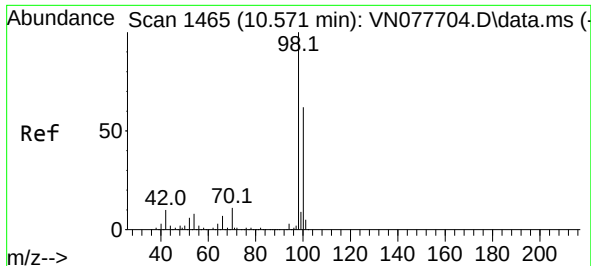
Tgt Ion:130 Resp: 331024

Ion Ratio Lower Upper

130 100

95 103.8 0.0 204.6

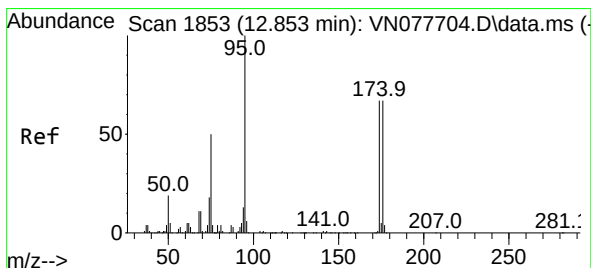
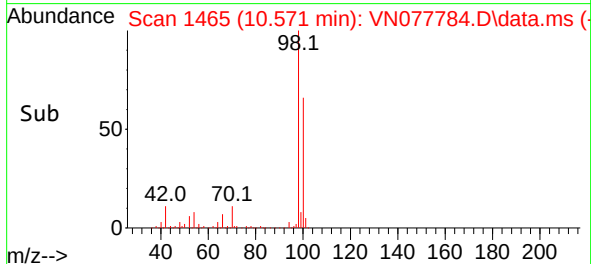
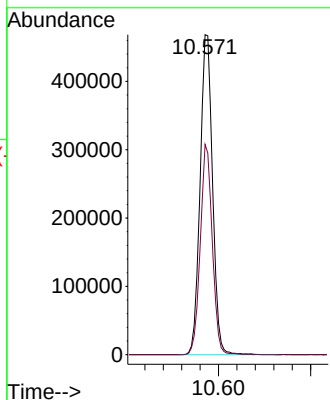
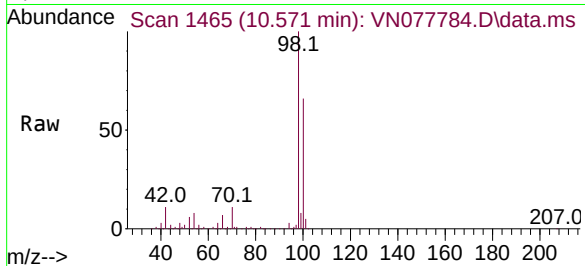




#50
Toluene-d8
Concen: 49.015 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077784.D
Acq: 22 May 2023 13:06

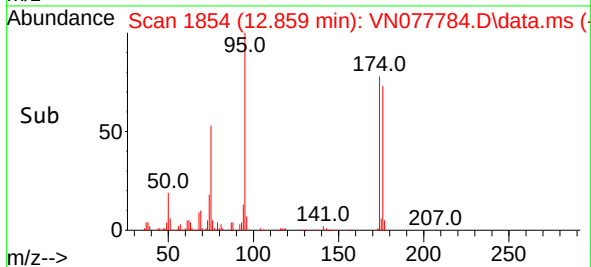
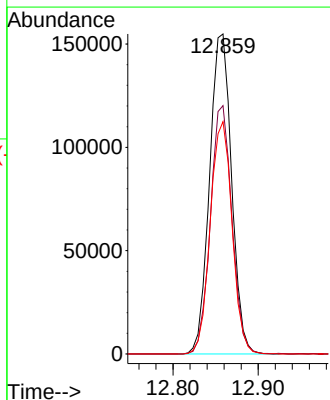
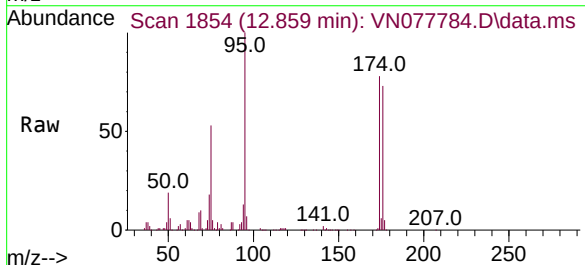
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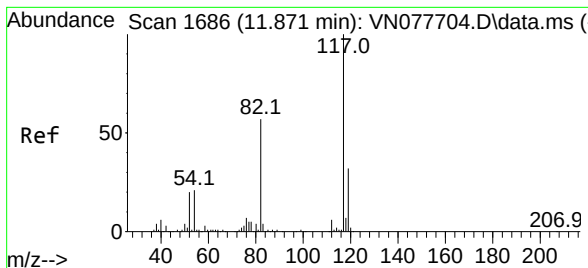
Tgt Ion: 98 Resp: 883259
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.647 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077784.D
Acq: 22 May 2023 13:06

Tgt Ion: 95 Resp: 277787
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 72.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077784.D

Acq: 22 May 2023 13:06

Instrument :

MSVOA_N

ClientSampleId :

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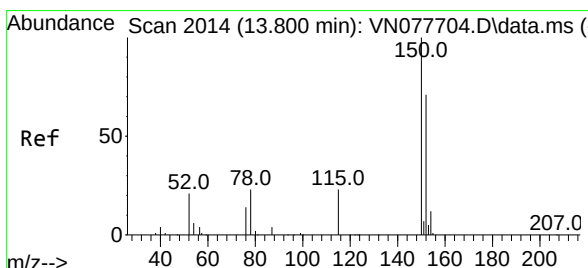
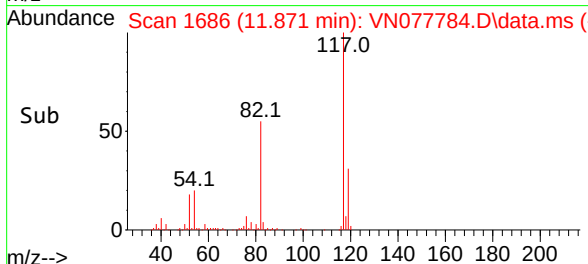
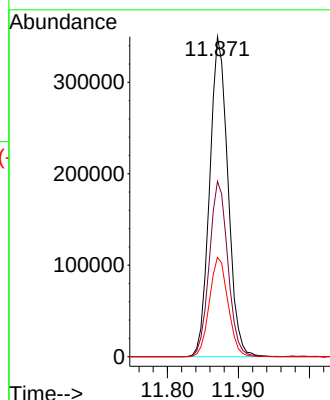
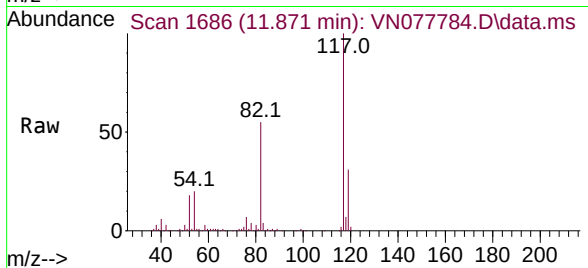
Tgt Ion:117 Resp: 625057

Ion Ratio Lower Upper

117 100

82 54.8 44.0 66.0

119 31.1 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: VN077784.D

Acq: 22 May 2023 13:06

Tgt Ion:152 Resp: 215776

Ion Ratio Lower Upper

152 100

115 59.7 32.3 96.8

150 155.3 0.0 355.8

