

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077853.D
 Acq On : 24 May 2023 15:31
 Operator : JC\MD
 Sample : 02898-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB-01-20230522

Quant Time: May 25 01:42:40 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)

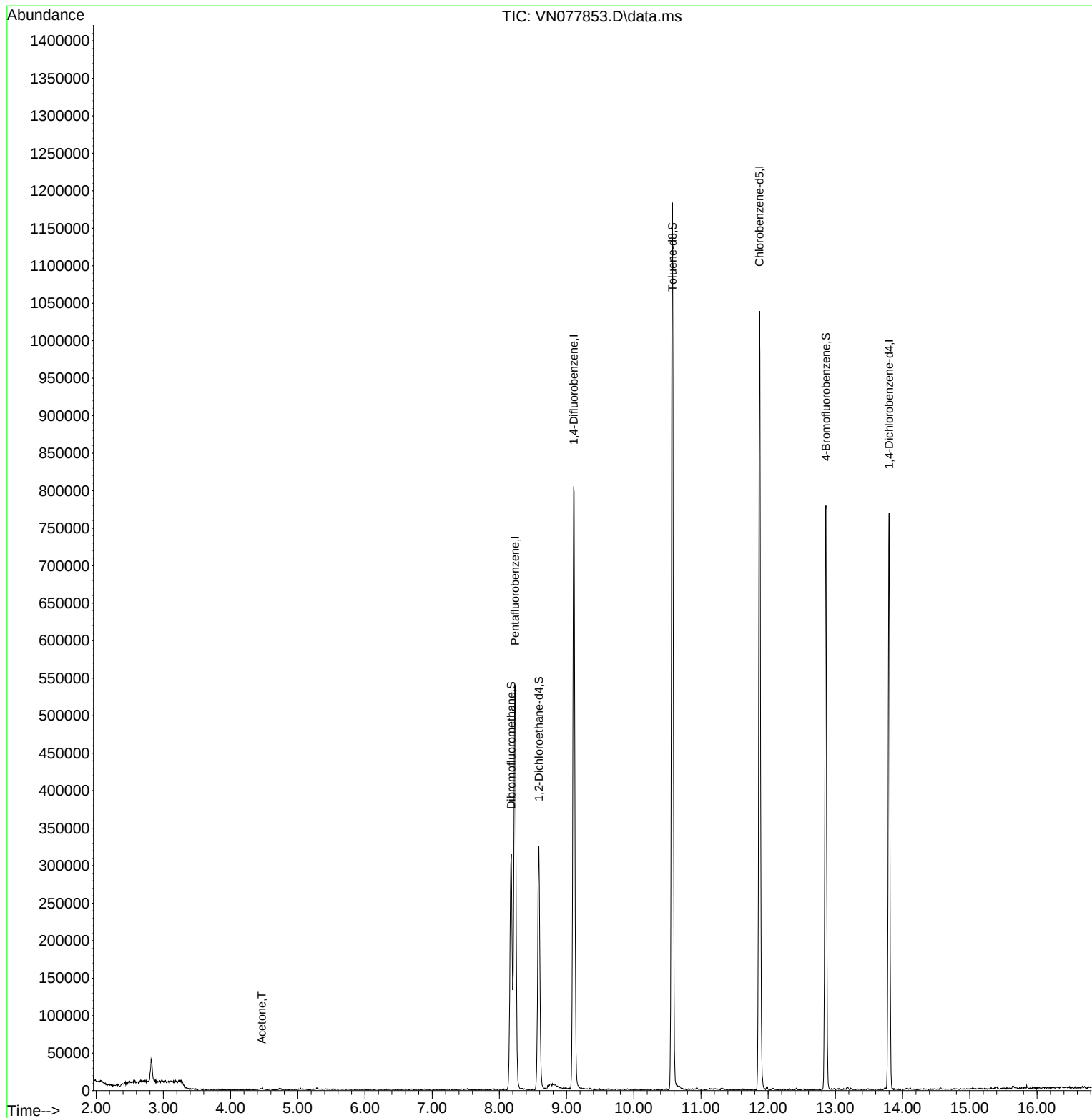
Internal Standards						
1) Pentafluorobenzene	8.235	168	396748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	712927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	627457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	205823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268136	45.168	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.340%		
35) Dibromofluoromethane	8.177	113	229310	49.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.660%		
50) Toluene-d8	10.576	98	877820	49.057	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.120%		
62) 4-Bromofluorobenzene	12.859	95	281857	44.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.200%		
Target Compounds						
16) Acetone	4.465	43	3849	2.061	ug/l	Qvalue 97

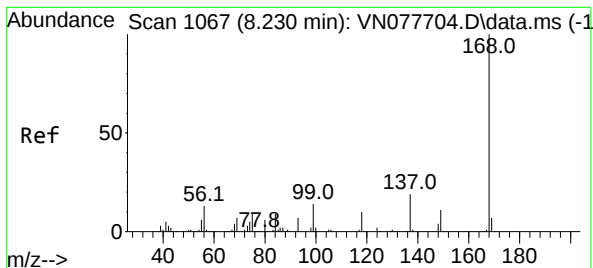
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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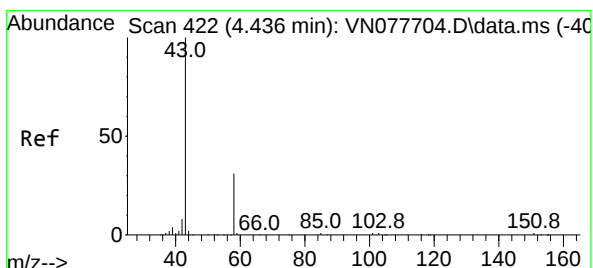
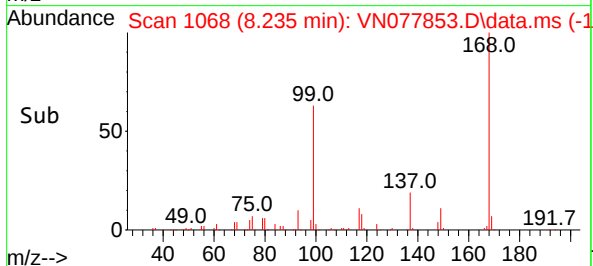
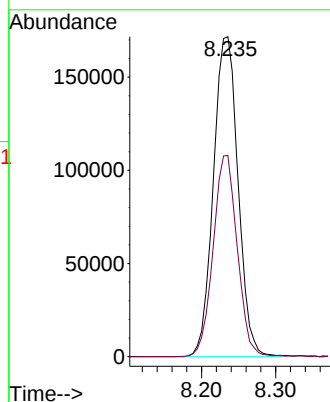
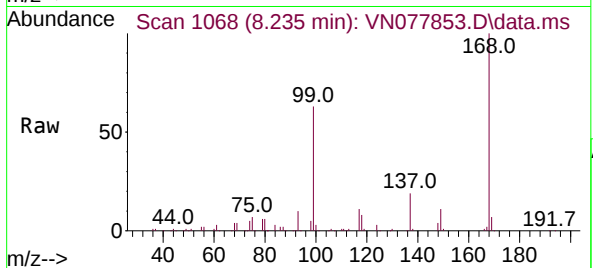




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077853.D
Acq: 24 May 2023 15:31

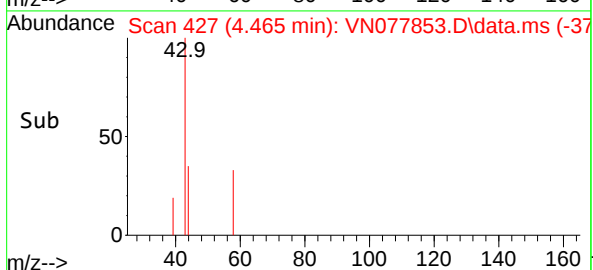
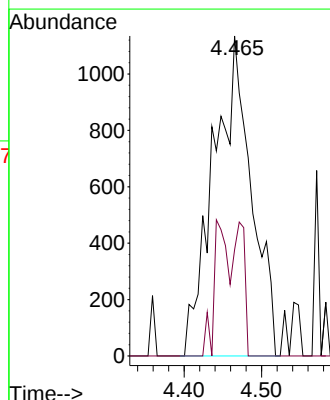
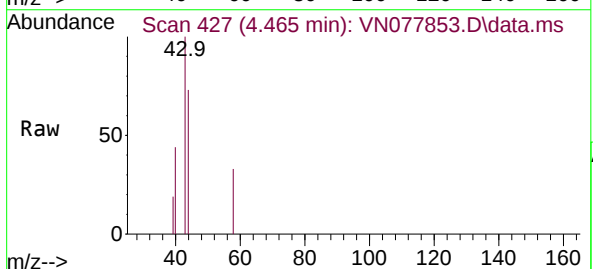
Instrument :
MSVOA_N
ClientSampleId :
RB-01-20230522

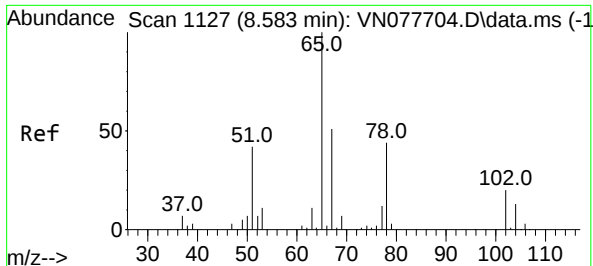
Tgt Ion:168 Resp: 396748
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6



#16
Acetone
Concen: 2.061 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.035 min
Lab File: VN077853.D
Acq: 24 May 2023 15:31

Tgt Ion: 43 Resp: 3849
Ion Ratio Lower Upper
43 100
58 33.2 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 45.168 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077853.D

Acq: 24 May 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

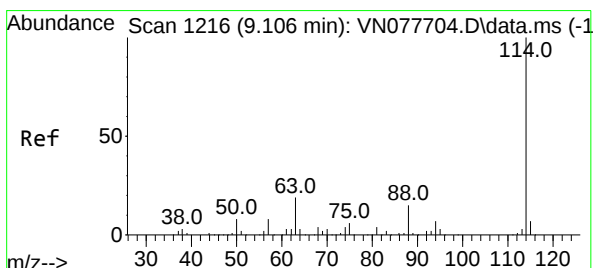
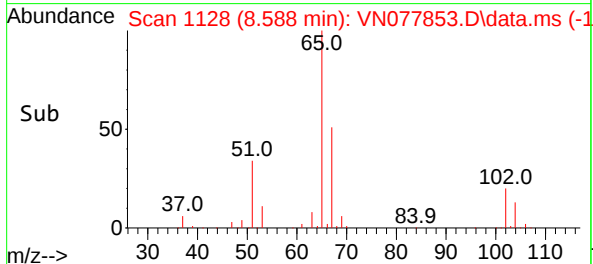
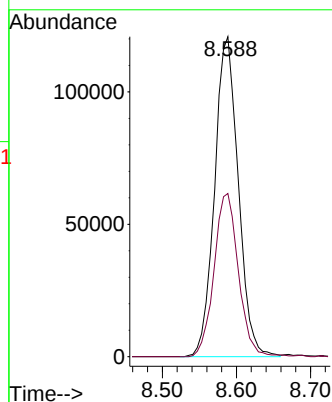
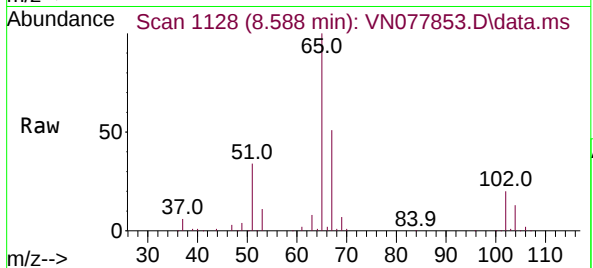
RB-01-20230522

Tgt Ion: 65 Resp: 268136

Ion Ratio Lower Upper

65 100

67 52.5 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: VN077853.D

Acq: 24 May 2023 15:31

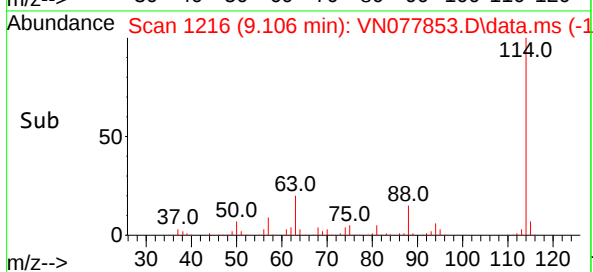
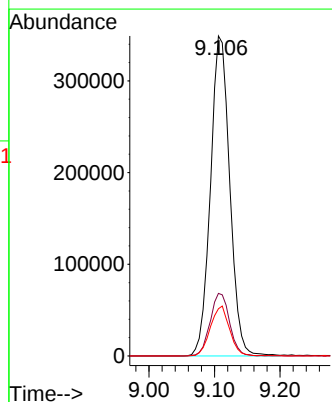
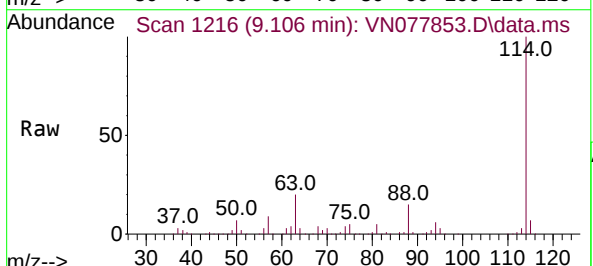
Tgt Ion: 114 Resp: 712927

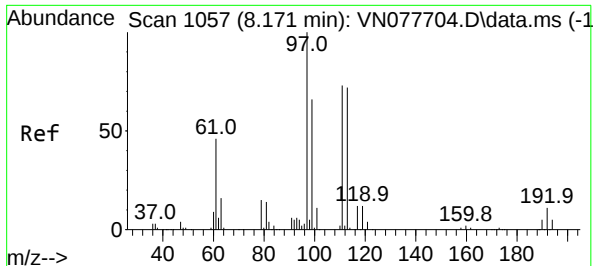
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.325 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077853.D

Acq: 24 May 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

RB-01-20230522

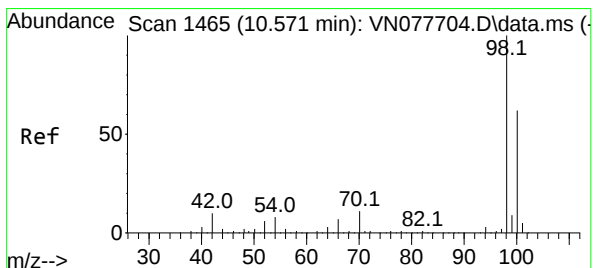
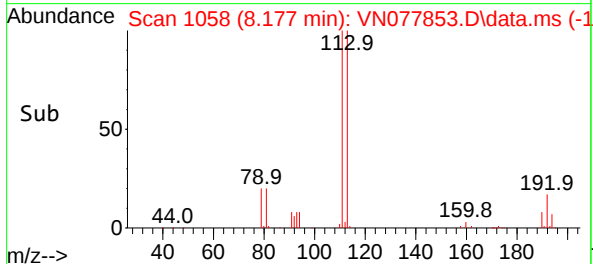
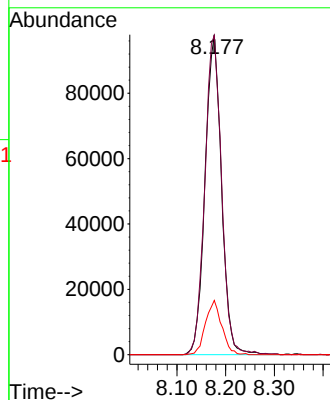
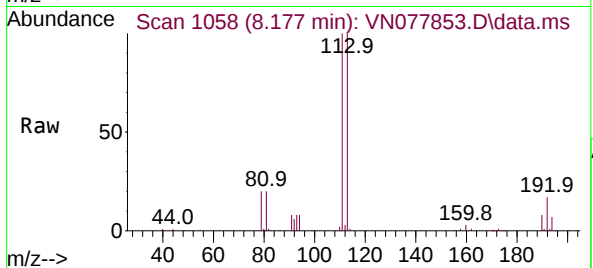
Tgt Ion:113 Resp: 229310

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 16.8 12.7 19.1



#50

Toluene-d8

Concen: 49.057 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077853.D

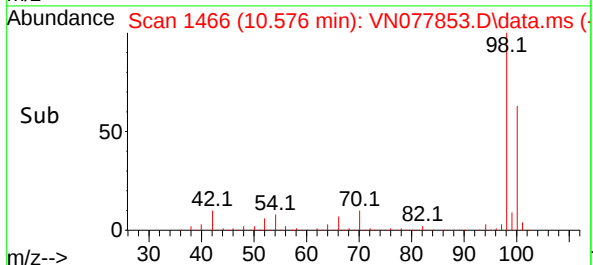
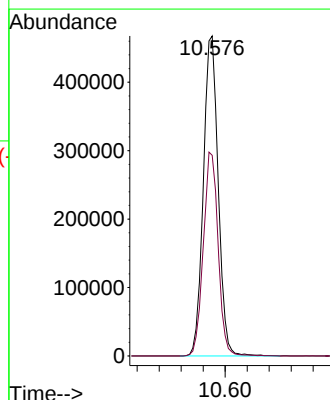
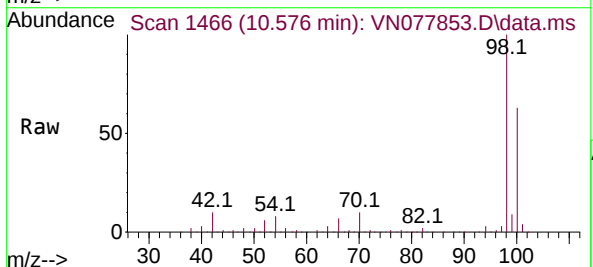
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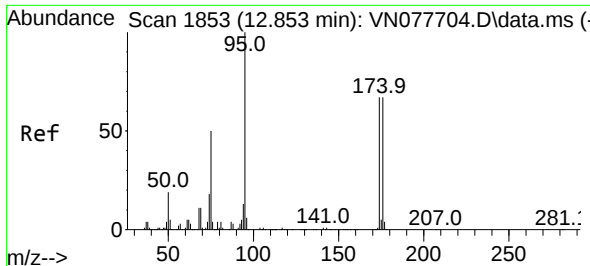
Tgt Ion: 98 Resp: 877820

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

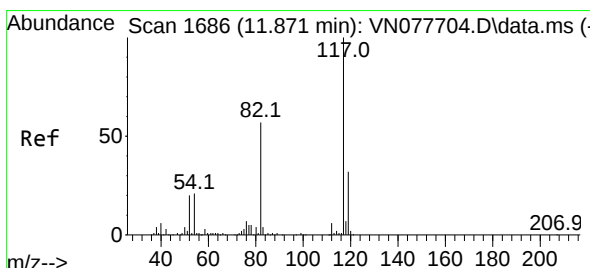
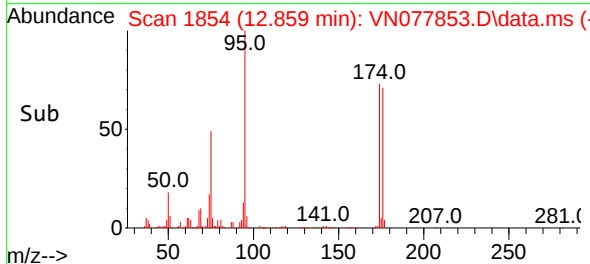
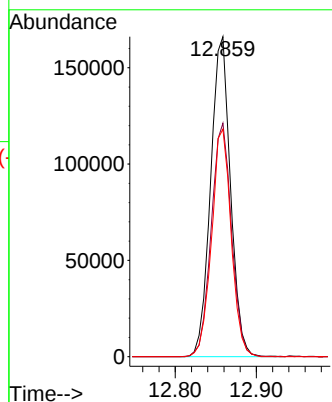
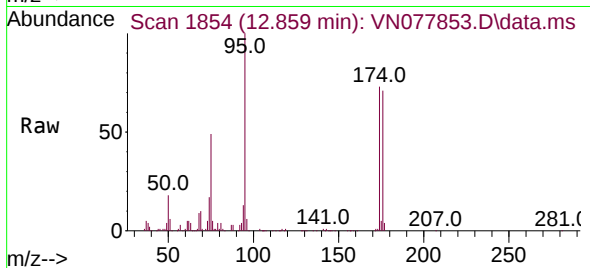




#62
4-Bromofluorobenzene
Concen: 44.599 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077853.D
Acq: 24 May 2023 15:31

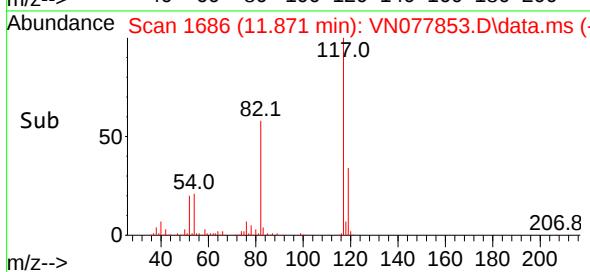
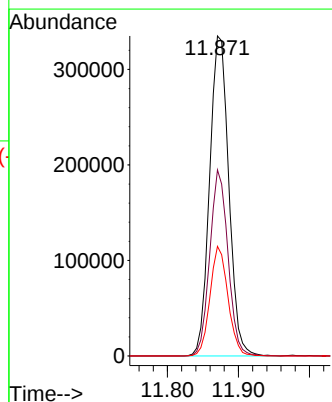
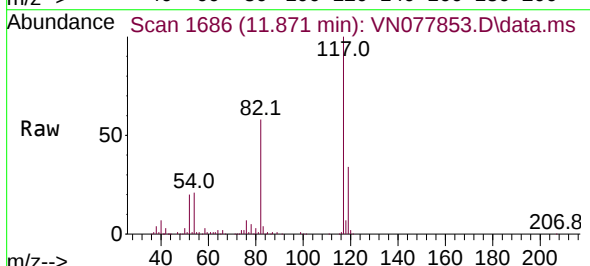
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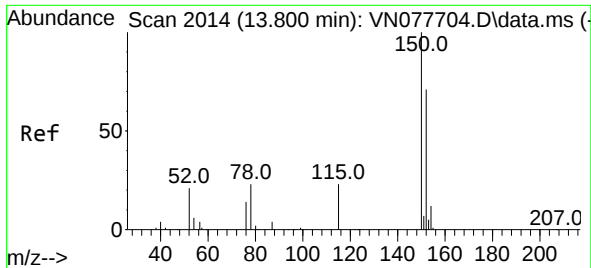
Tgt Ion: 95 Resp: 281857
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 70.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077853.D
Acq: 24 May 2023 15:31

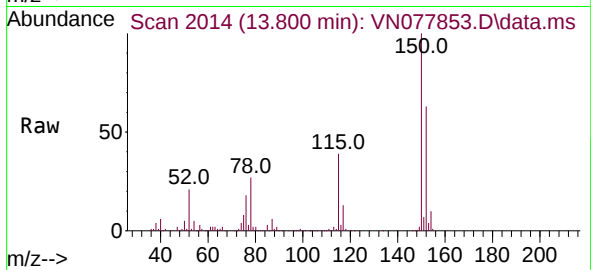
Tgt Ion: 117 Resp: 627457
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 34.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077853.D
 Acq: 24 May 2023 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 RB-01-20230522



Tgt Ion:152 Resp: 205823
 Ion Ratio Lower Upper
 152 100
 115 62.7 32.3 96.8
 150 158.2 0.0 355.8

