

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077965.D
 Acq On : 30 May 2023 13:27
 Operator : JC\MD
 Sample : 02973-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-04-20230526

Quant Time: May 31 02:06:41 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)

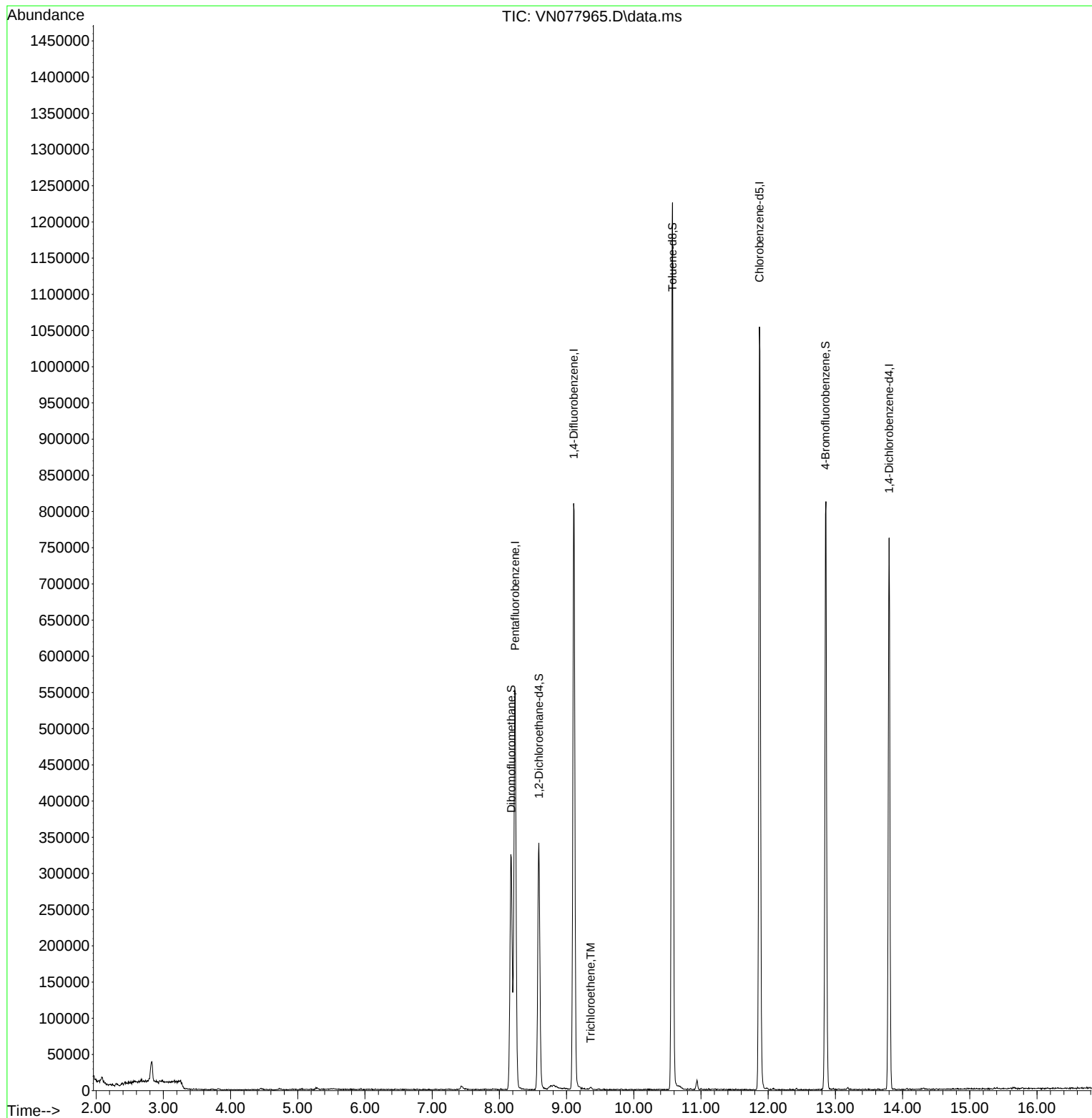
Internal Standards						
1) Pentafluorobenzene	8.235	168	389818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	720984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	643597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	204066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	276836	47.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.920%
35) Dibromofluoromethane	8.177	113	233800	49.729	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.460%
50) Toluene-d8	10.576	98	891799	49.281	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.853	95	291302	45.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.160%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.359	130	1257	0.245	ug/l	53

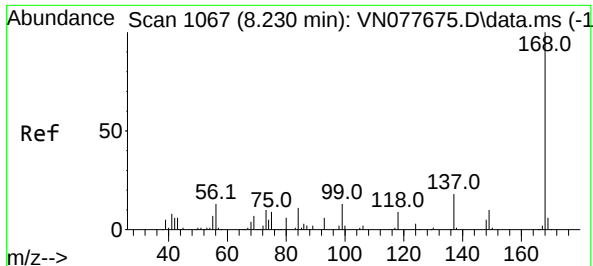
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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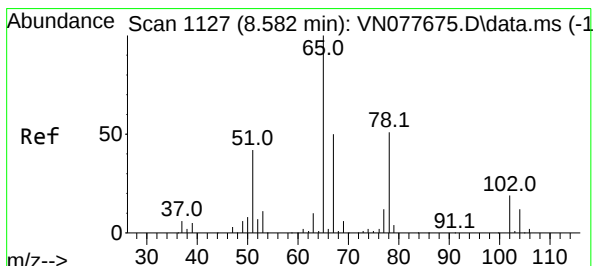
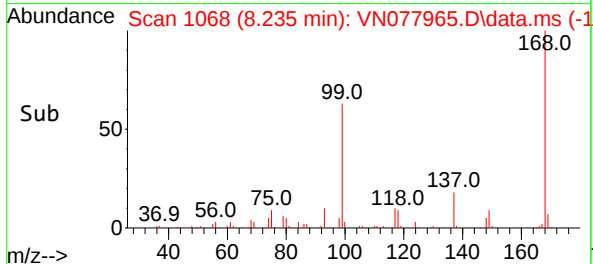
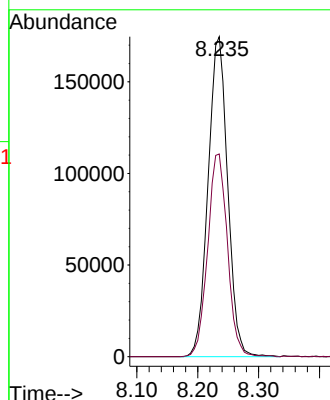
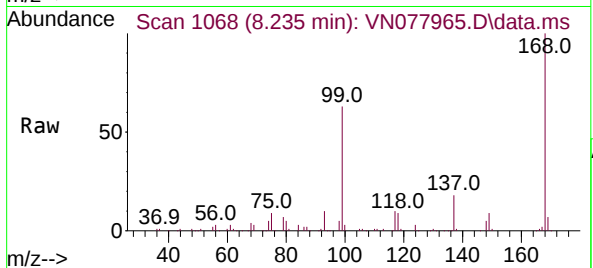




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 110
Delta R.T. 0.005 min
Lab File: VN077965.D
Acq: 30 May 2023 13:27

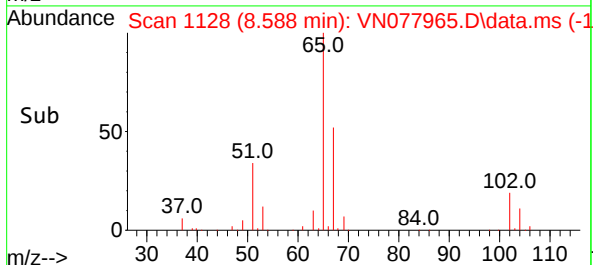
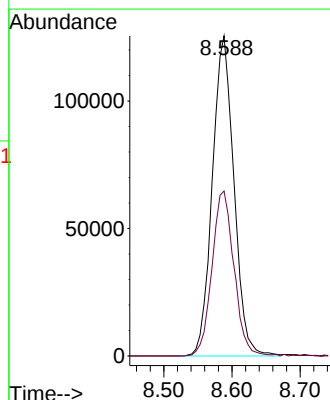
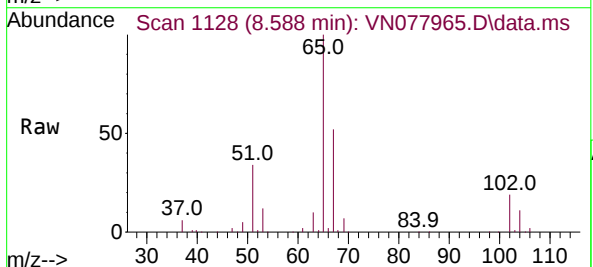
Instrument :
MSVOA_N
ClientSampleId :
TB-04-20230526

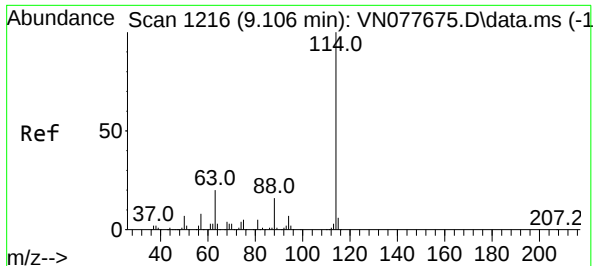
Tgt Ion:168 Resp: 389818
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.463 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077965.D
Acq: 30 May 2023 13:27

Tgt Ion: 65 Resp: 276836
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077965.D

Acq: 30 May 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

TB-04-20230526

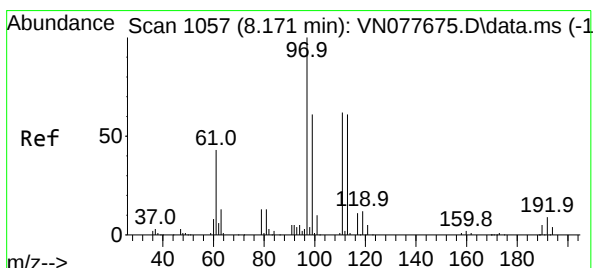
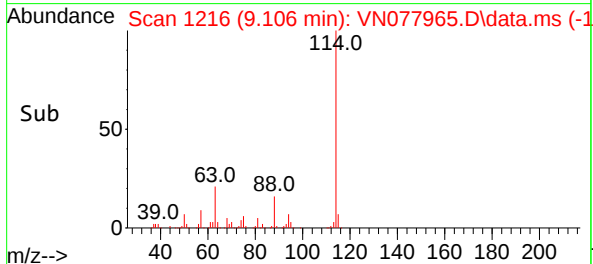
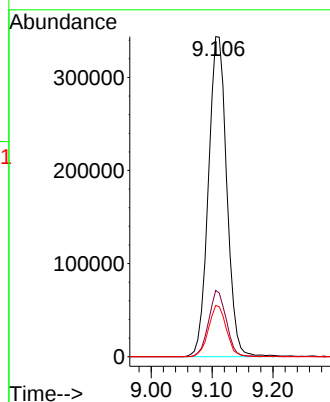
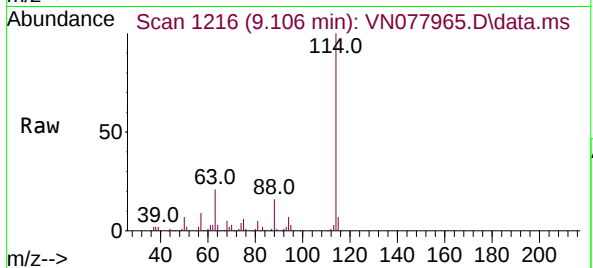
Tgt Ion:114 Resp: 720984

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.729 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077965.D

Acq: 30 May 2023 13:27

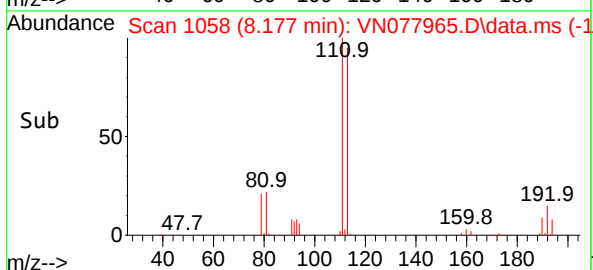
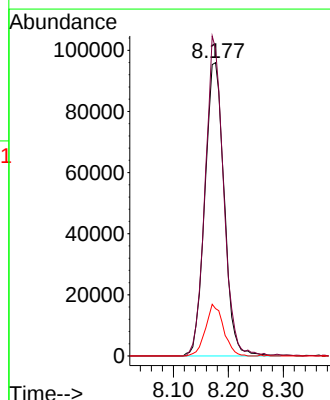
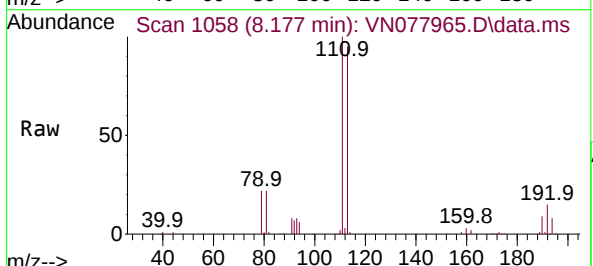
Tgt Ion:113 Resp: 233800

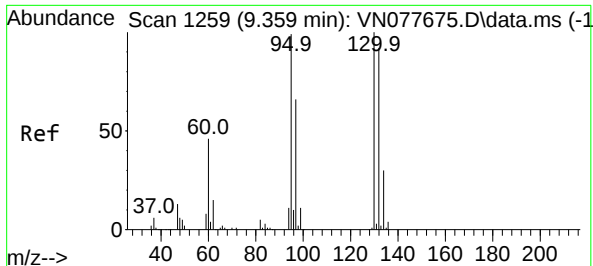
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 16.5 12.7 19.1

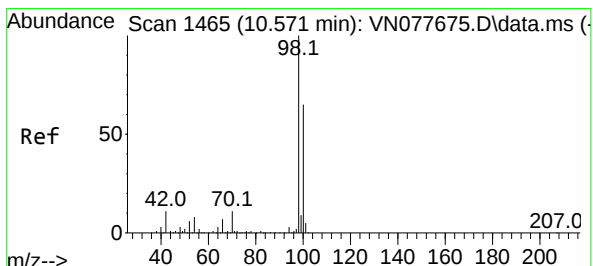
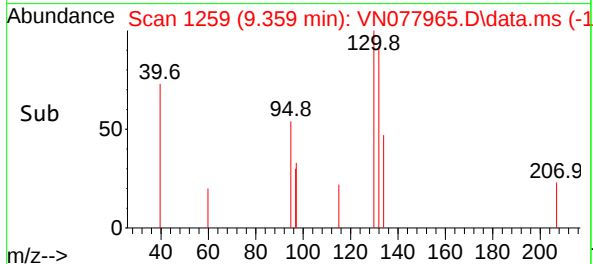
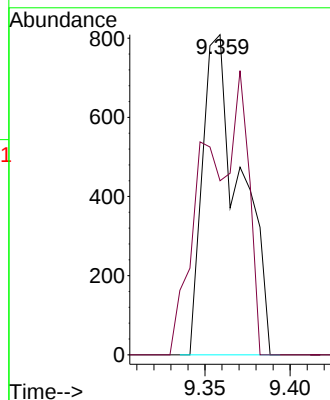
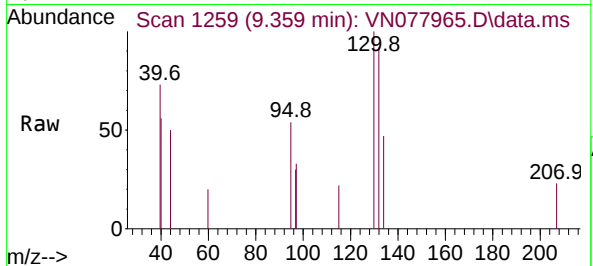




#44
Trichloroethene
Concen: 0.245 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077965.D
Acq: 30 May 2023 13:27

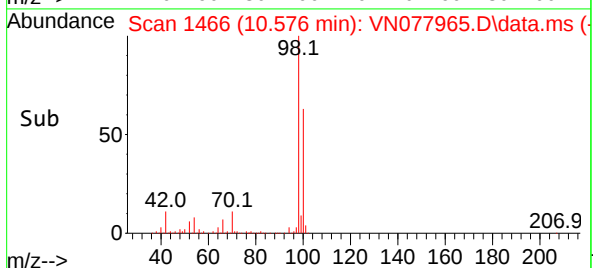
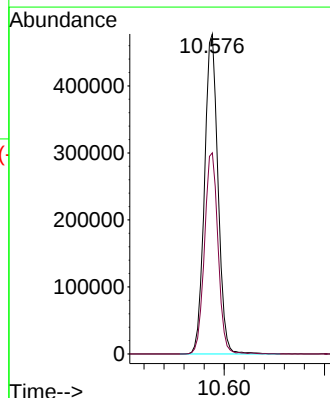
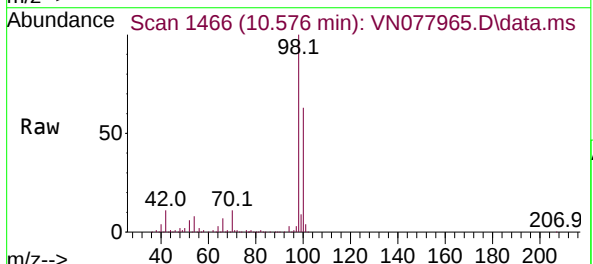
Instrument :
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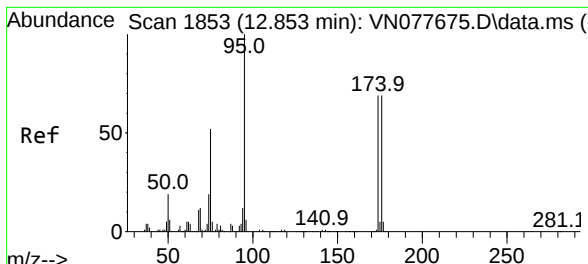
Tgt Ion:130 Resp: 1257
Ion Ratio Lower Upper
130 100
95 54.4 0.0 204.6



#50
Toluene-d8
Concen: 49.281 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077965.D
Acq: 30 May 2023 13:27

Tgt Ion: 98 Resp: 891799
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

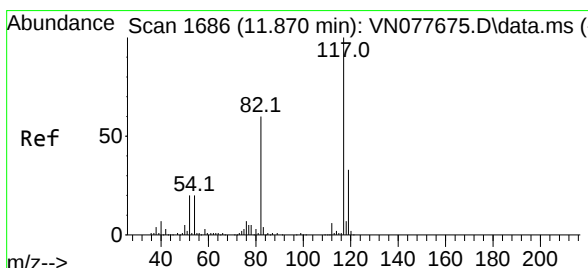
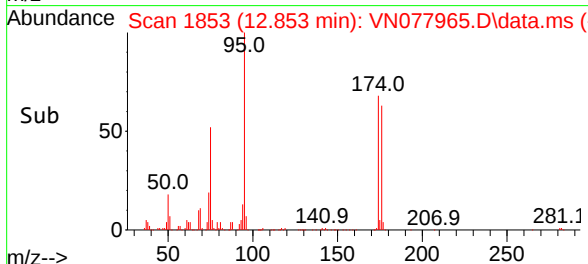
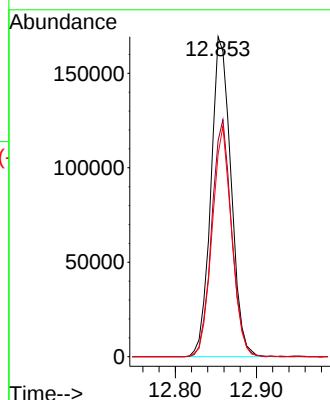
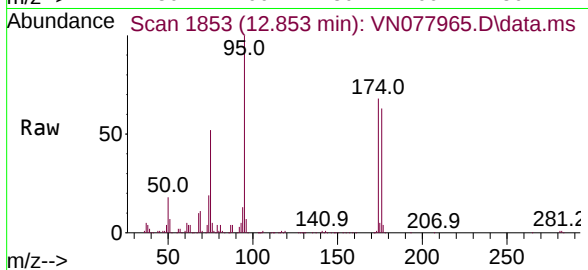




#62
4-Bromofluorobenzene
Concen: 45.578 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077965.D
Acq: 30 May 2023 13:27

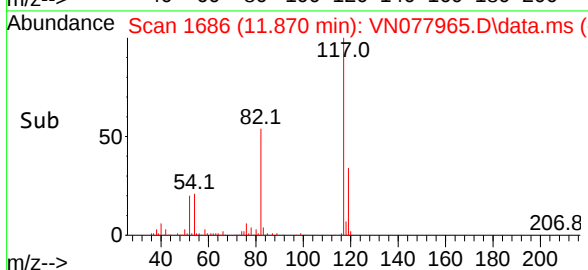
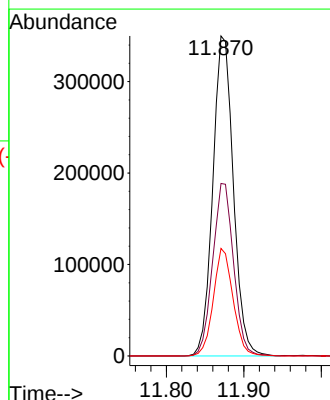
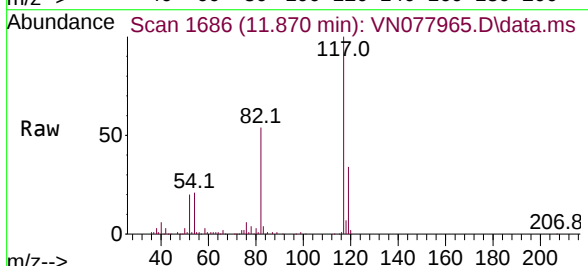
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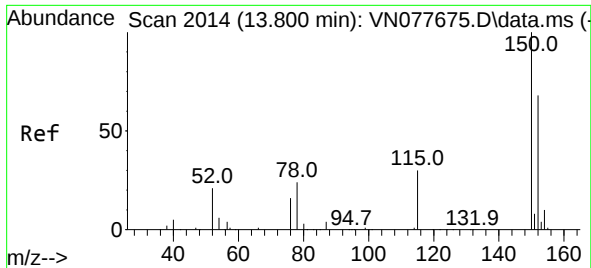
Tgt Ion: 95 Resp: 291302
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.8
176 70.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077965.D
Acq: 30 May 2023 13:27

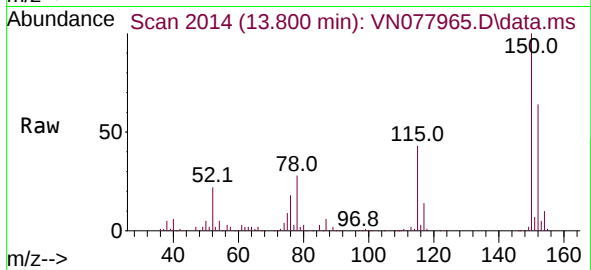
Tgt Ion: 117 Resp: 643597
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 33.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077965.D
 Acq: 30 May 2023 13:27

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-04-20230526



Tgt Ion:152 Resp: 204066
 Ion Ratio Lower Upper
 152 100
 115 63.8 32.3 96.8
 150 156.6 0.0 355.8

