

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077765.D
 Acq On : 19 May 2023 15:36
 Operator : JC\MD
 Sample : 02862-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-298-300

Quant Time: May 19 23:55:40 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	8.236	168	367410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	676976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	593808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	253190	46.056	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.120%
35) Dibromofluoromethane	8.177	113	211235	47.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.700%
50) Toluene-d8	10.571	98	822118	48.384	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.853	95	270853	45.134	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.260%

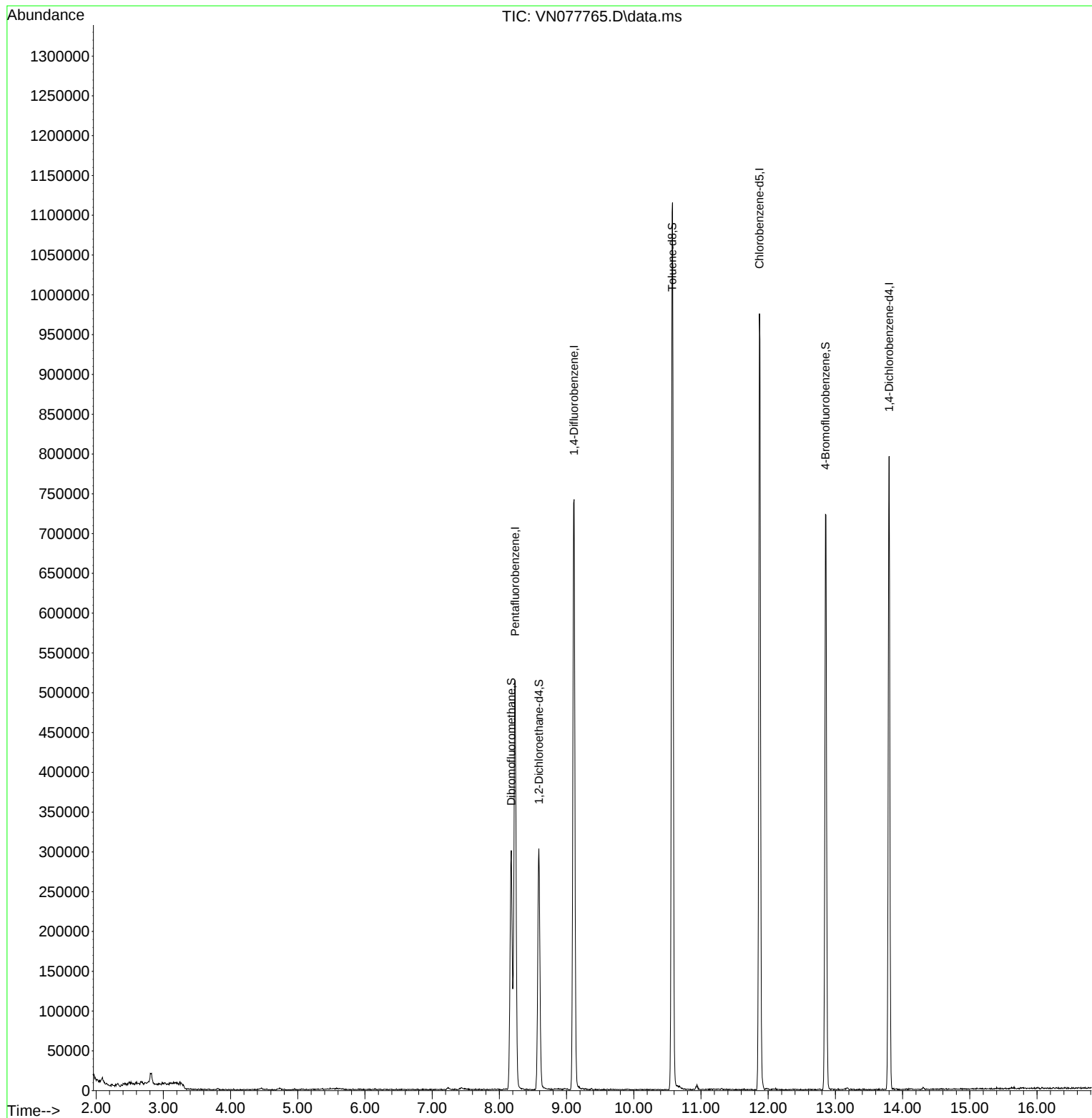
Target Compounds	Qvalue

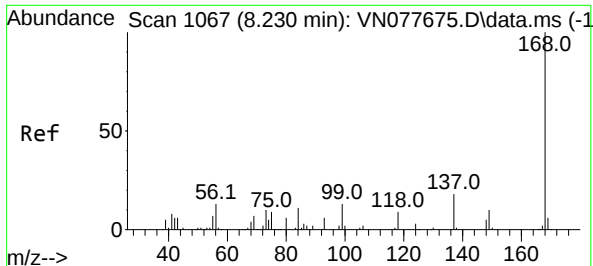
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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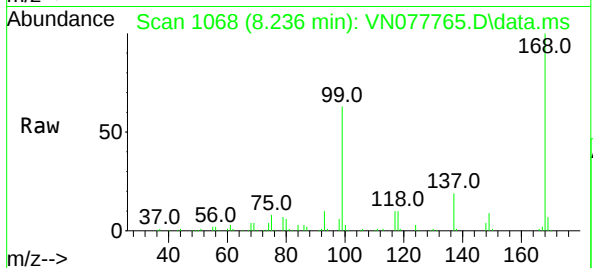
Quant Time: May 19 23:55:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
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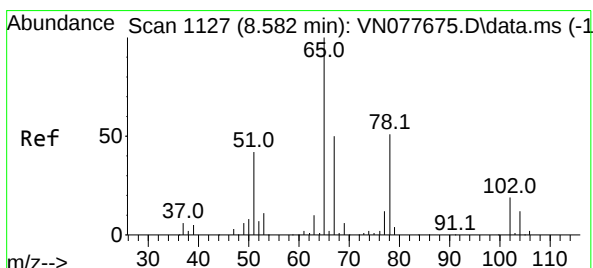
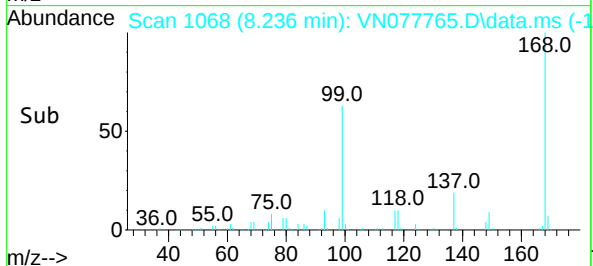
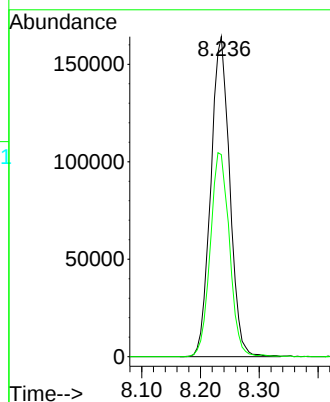


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077765.D
Acq: 19 May 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-298-300

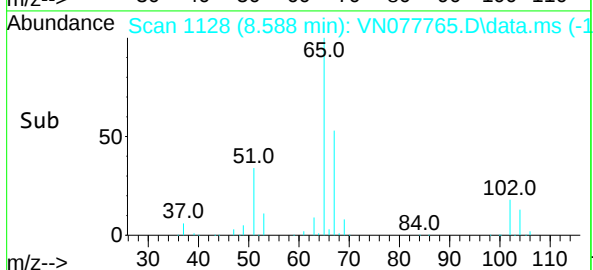
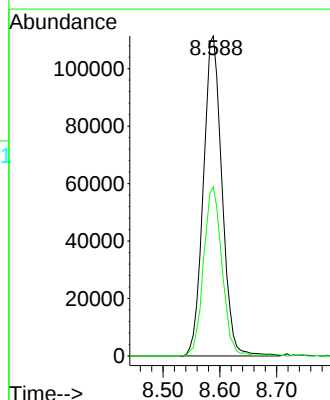
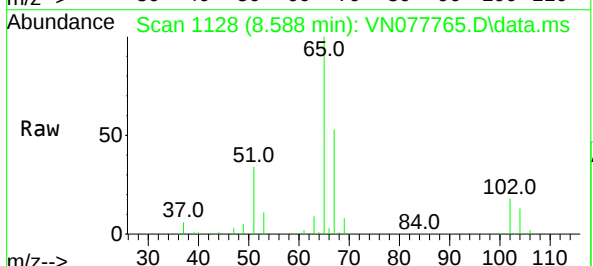


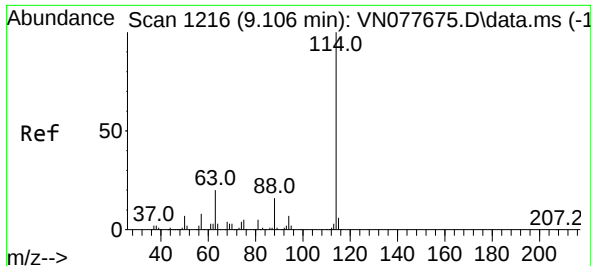
Tgt Ion:168 Resp: 367410
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.056 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077765.D
Acq: 19 May 2023 15:36

Tgt Ion: 65 Resp: 253190
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077675.D

Acq: 19 May 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-298-300

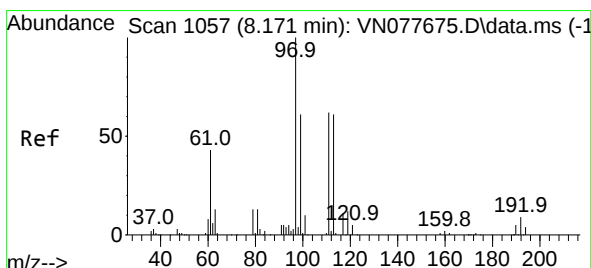
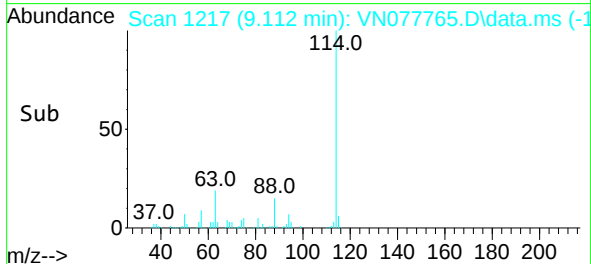
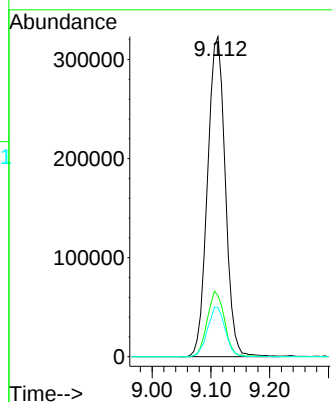
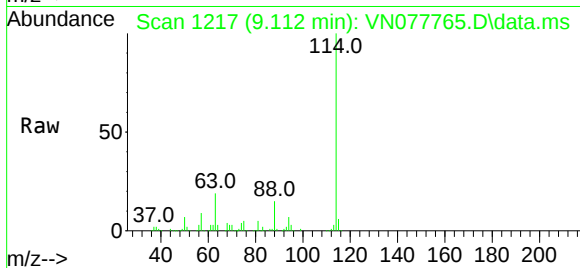
Tgt Ion:114 Resp: 676976

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.850 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077675.D

Acq: 19 May 2023 15:36

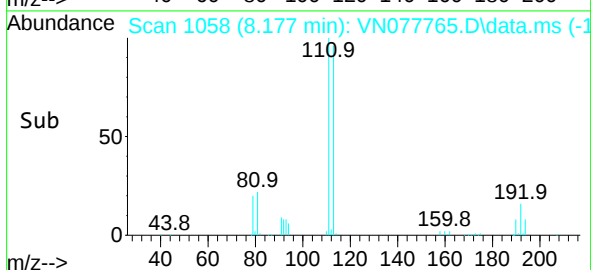
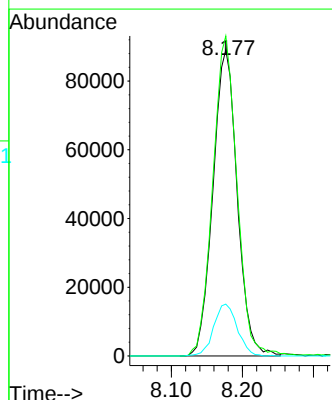
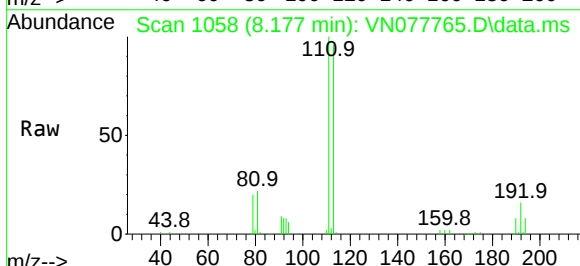
Tgt Ion:113 Resp: 211235

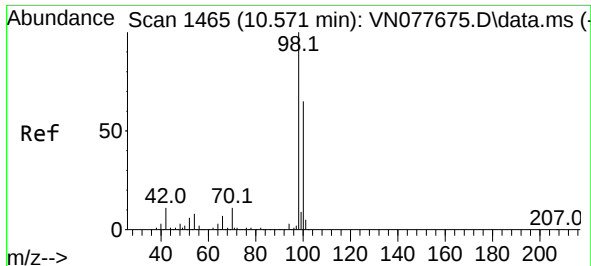
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 16.4 12.7 19.1

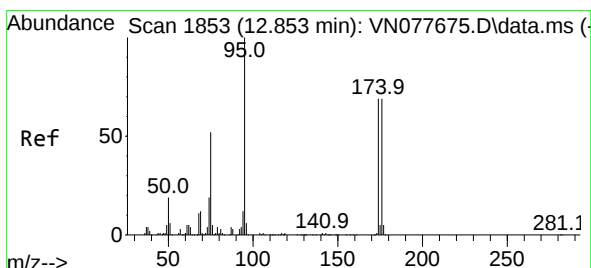
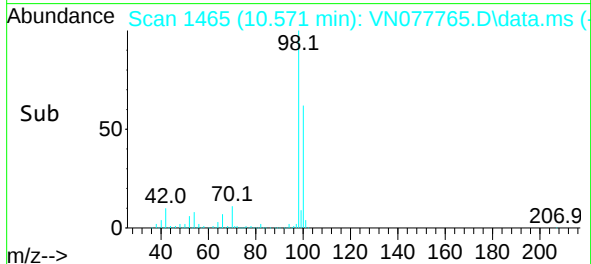
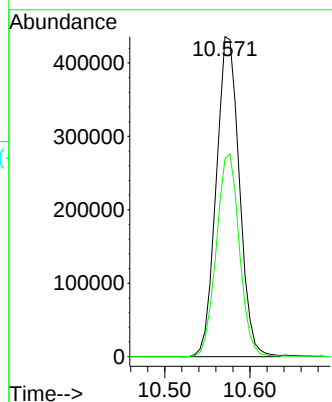
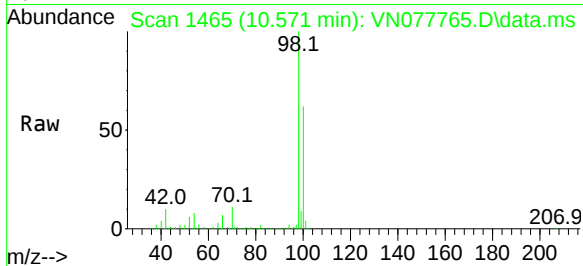




#50
Toluene-d8
Concen: 48.384 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077675.D
Acq: 19 May 2023 15:36

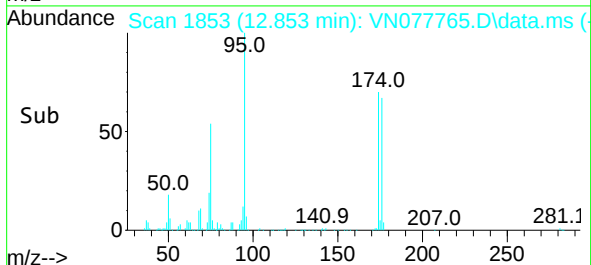
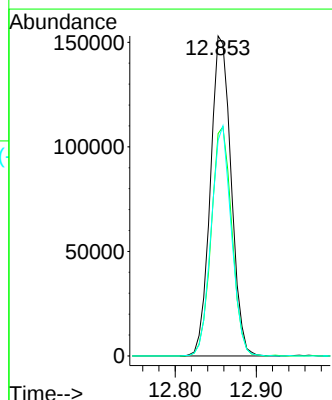
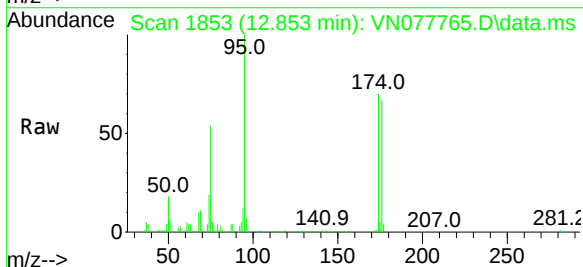
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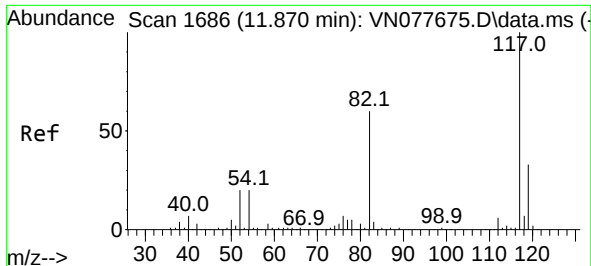
Tgt Ion: 98 Resp: 822118
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.134 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077675.D
Acq: 19 May 2023 15:36

Tgt Ion: 95 Resp: 270853
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.8
176 69.9 0.0 135.8

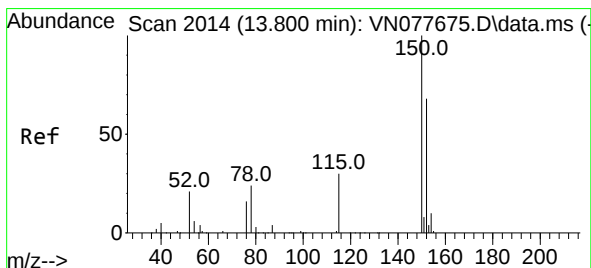
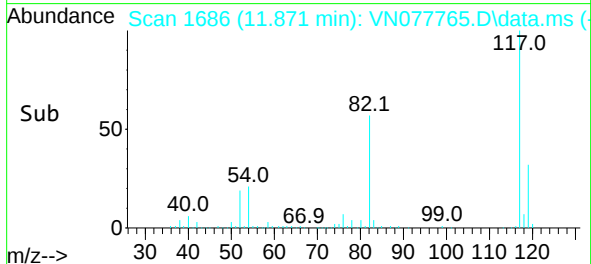
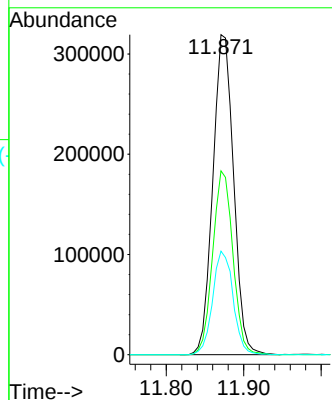
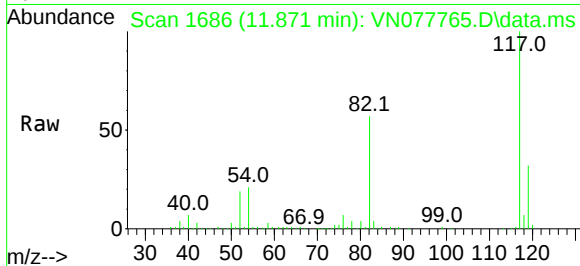




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077765.D
Acq: 19 May 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-298-300

Tgt Ion:117 Resp: 593808
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 32.4 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: VN077765.D
Acq: 19 May 2023 15:36

Tgt Ion:152 Resp: 209702
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 157.7 0.0 355.8

