

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085311.D
 Acq On : 26 Dec 2024 11:13
 Operator : JC\MD
 Sample : VN1226WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1226WBL01

Quant Time: Dec 27 00:42:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	159396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	294503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	251735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	123859	44.458	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	88.920%	
35) Dibromofluoromethane	8.165	113	95259	46.008	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	92.020%	
50) Toluene-d8	10.559	98	357973	47.303	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	94.600%	
62) 4-Bromofluorobenzene	12.847	95	118525	43.850	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	87.700%	

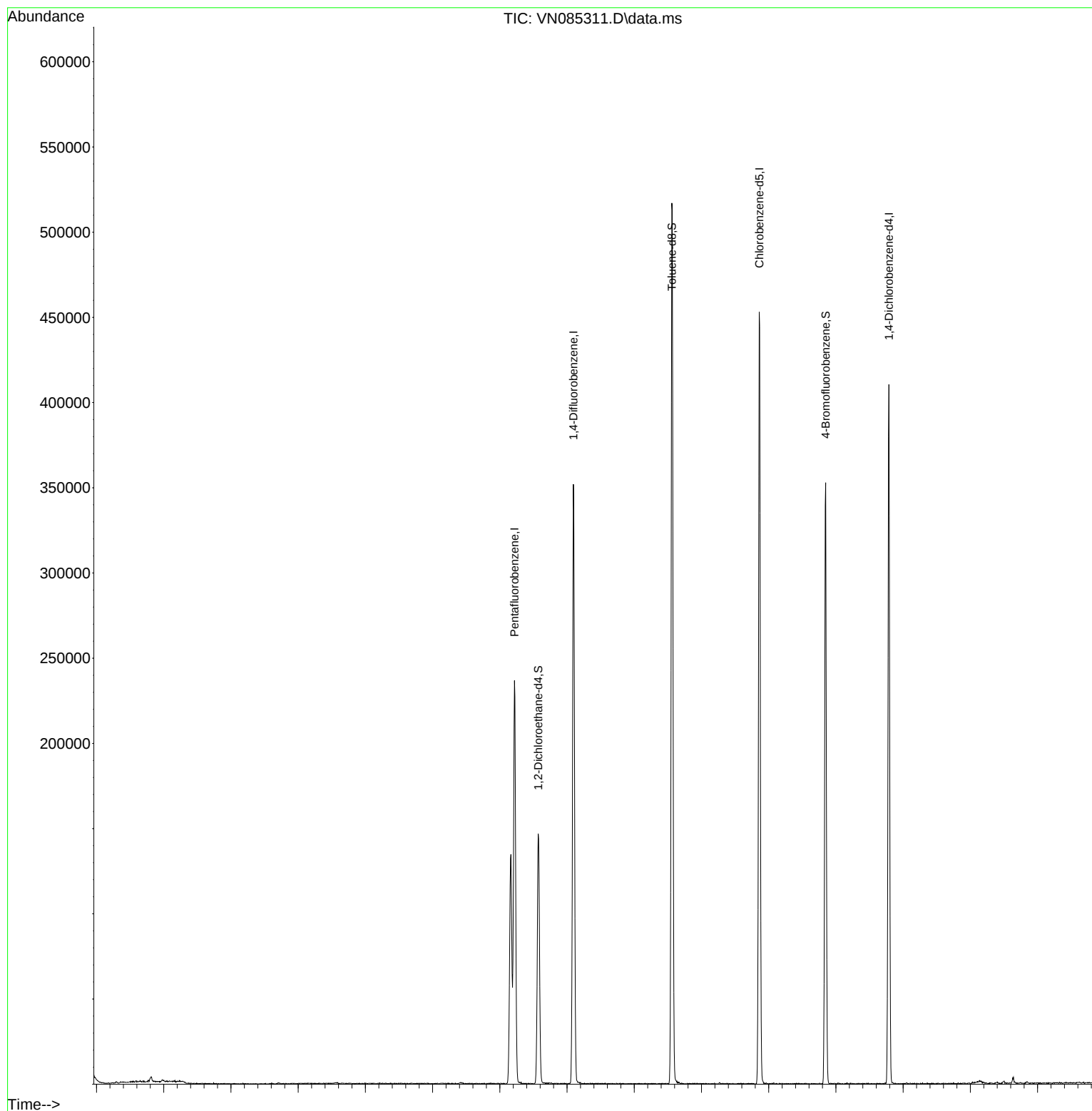
Target Compounds Qvalue

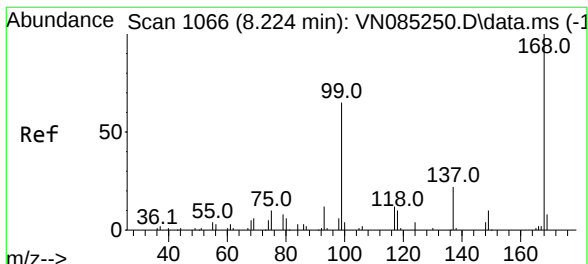
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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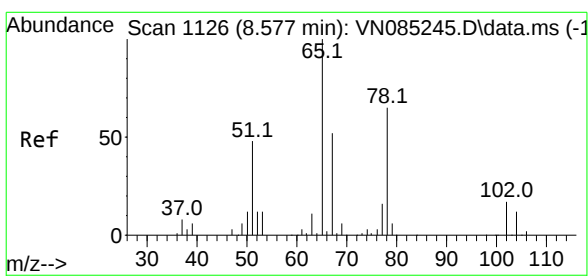
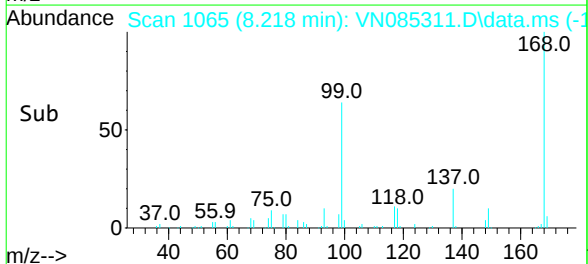
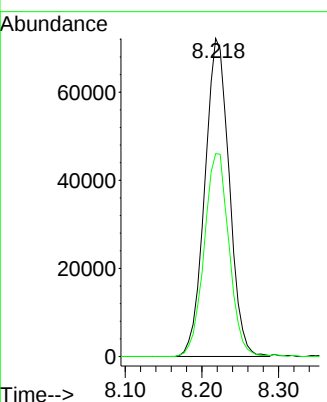
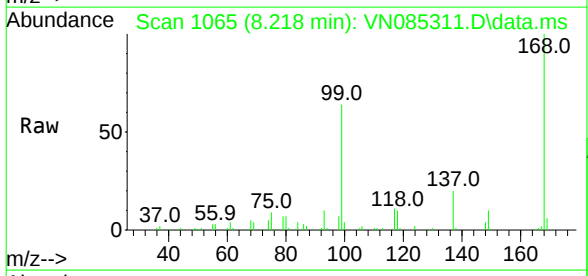




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085311.D
Acq: 26 Dec 2024 11:13

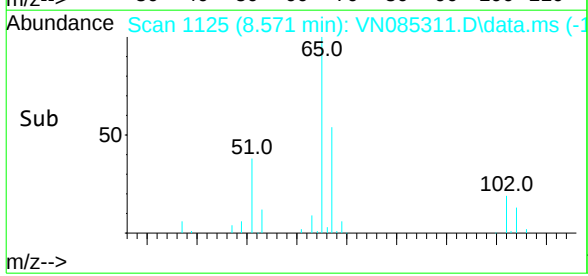
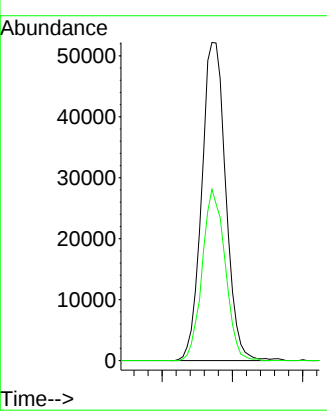
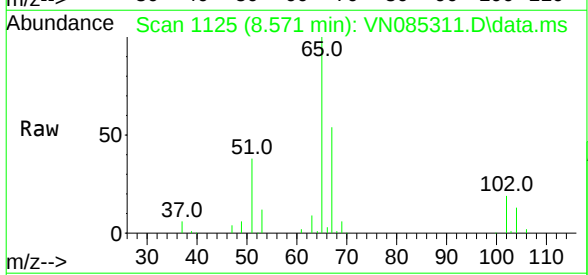
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBL01

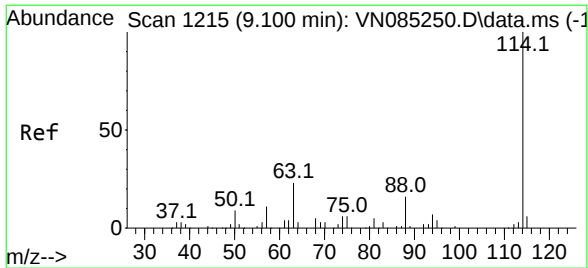
Tgt Ion:168 Resp: 159396
Ion Ratio Lower Upper
168 100
99 63.8 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 44.458 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN085311.D
Acq: 26 Dec 2024 11:13

Tgt Ion: 65 Resp: 123859
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.2

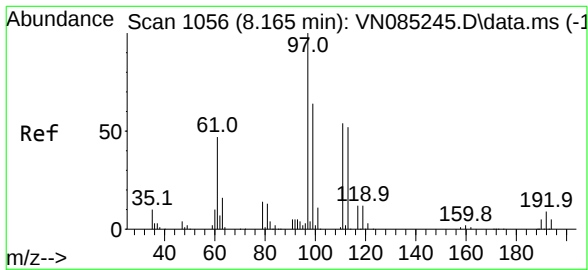
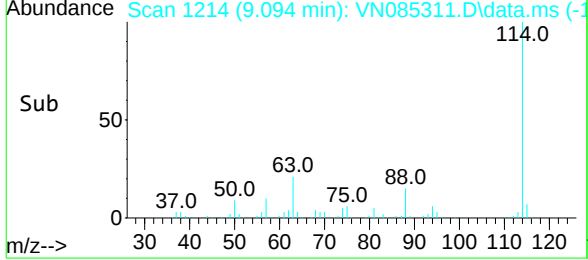
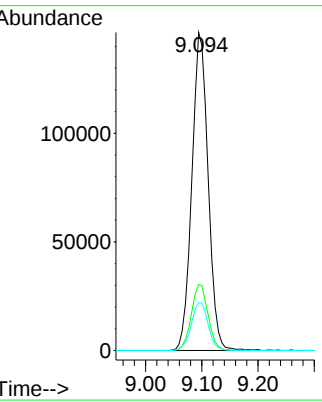
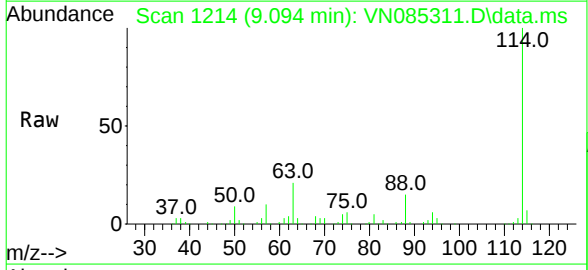




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN085311.D
 Acq: 26 Dec 2024 11:13

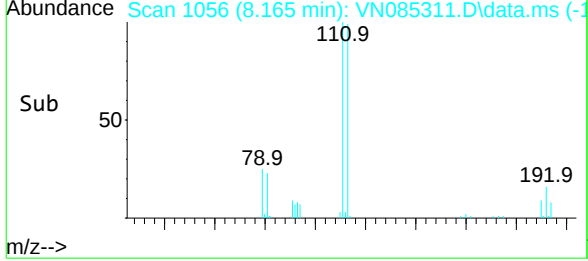
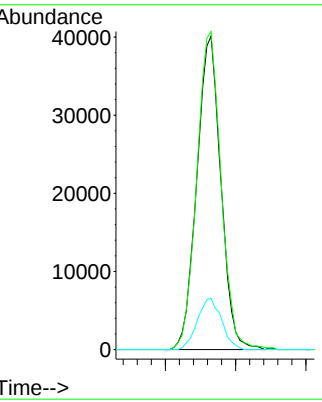
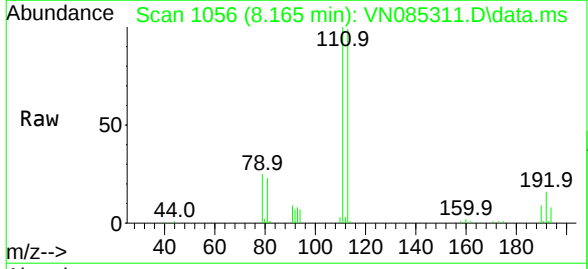
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1226WBL01

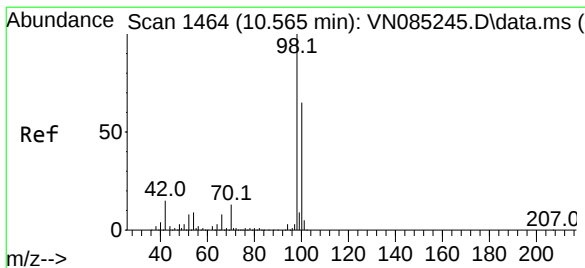
Tgt Ion:	114	Resp:	294503
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	46.2
88	15.1	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 46.008 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN085311.D
 Acq: 26 Dec 2024 11:13

Tgt Ion:	113	Resp:	95259
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	16.5	13.4	20.0





#50

Toluene-d8

Concen: 47.303 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085311.D

Acq: 26 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

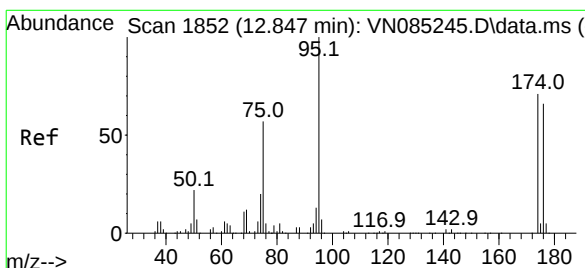
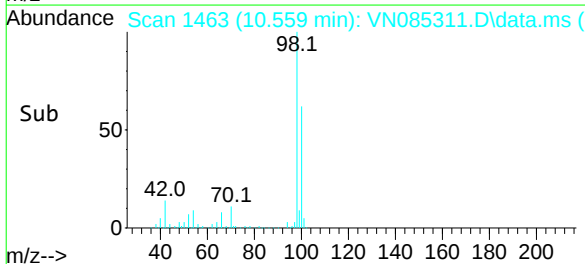
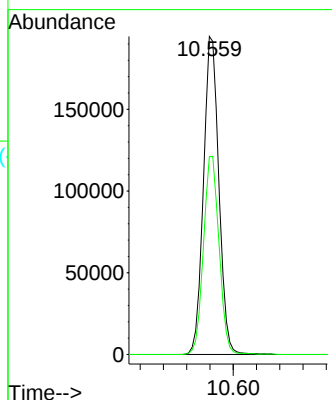
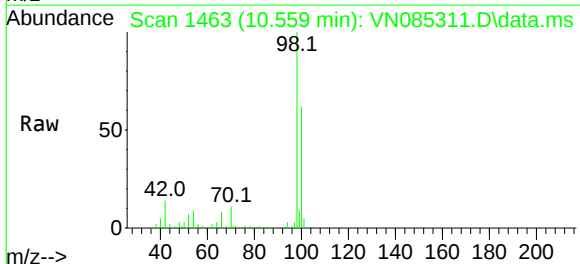
VN1226WBL01

Tgt Ion: 98 Resp: 357973

Ion Ratio Lower Upper

98 100

100 63.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 43.850 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085311.D

Acq: 26 Dec 2024 11:13

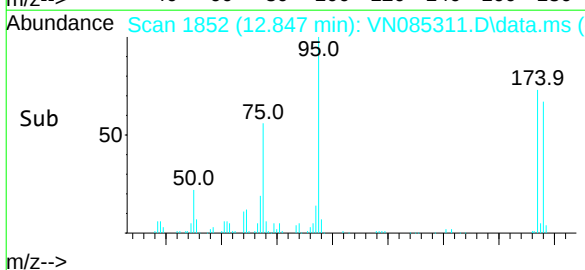
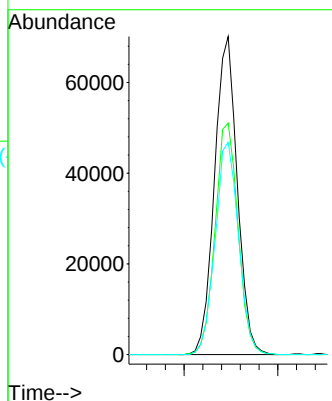
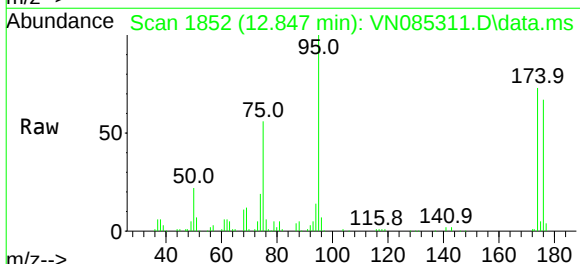
Tgt Ion: 95 Resp: 118525

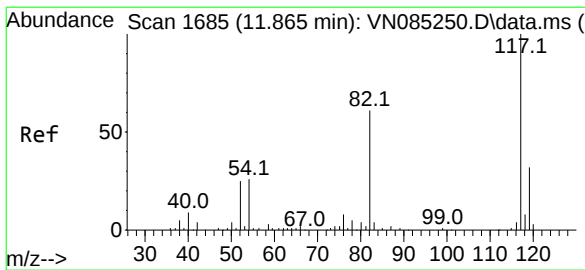
Ion Ratio Lower Upper

95 100

174 73.4 0.0 144.4

176 68.8 0.0 136.6

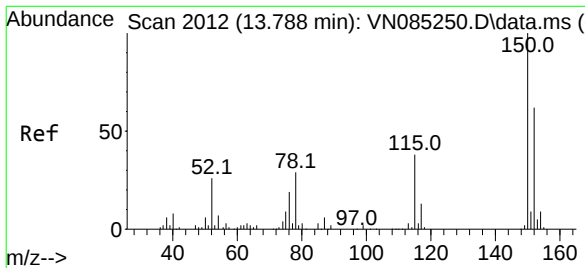
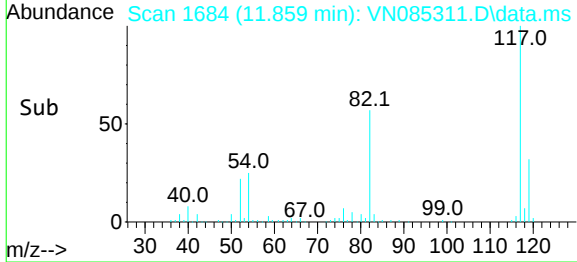
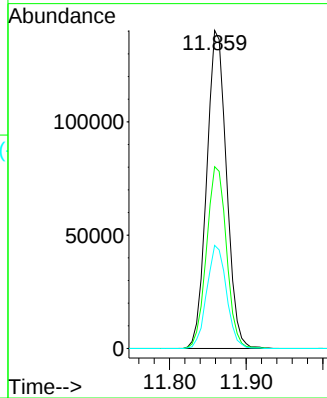
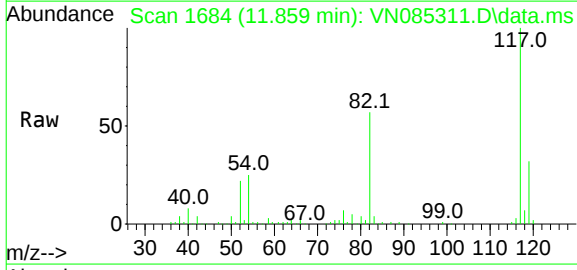




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085311.D
Acq: 26 Dec 2024 11:13

Instrument :
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ClientSampleId :
VN1226WBL01

Tgt Ion:	117	Resp:	251735
Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.4	71.2
119	32.4	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085311.D
Acq: 26 Dec 2024 11:13

Tgt Ion:	152	Resp:	102404
Ion	Ratio	Lower	Upper
152	100		
115	64.1	32.1	96.3
150	158.0	0.0	354.6

