

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085432.D
 Acq On : 13 Jan 2025 17:30
 Operator : JC\MD
 Sample : Q1062-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190A-TB-20250107

Quant Time: Jan 13 17:46:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	174662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	144408	57.968	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	115.940%	
35) Dibromofluoromethane	8.165	113	107333	52.819	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.640%	
50) Toluene-d8	10.565	98	359238	48.175	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.360%	
62) 4-Bromofluorobenzene	12.847	95	104988	42.394	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	84.780%	

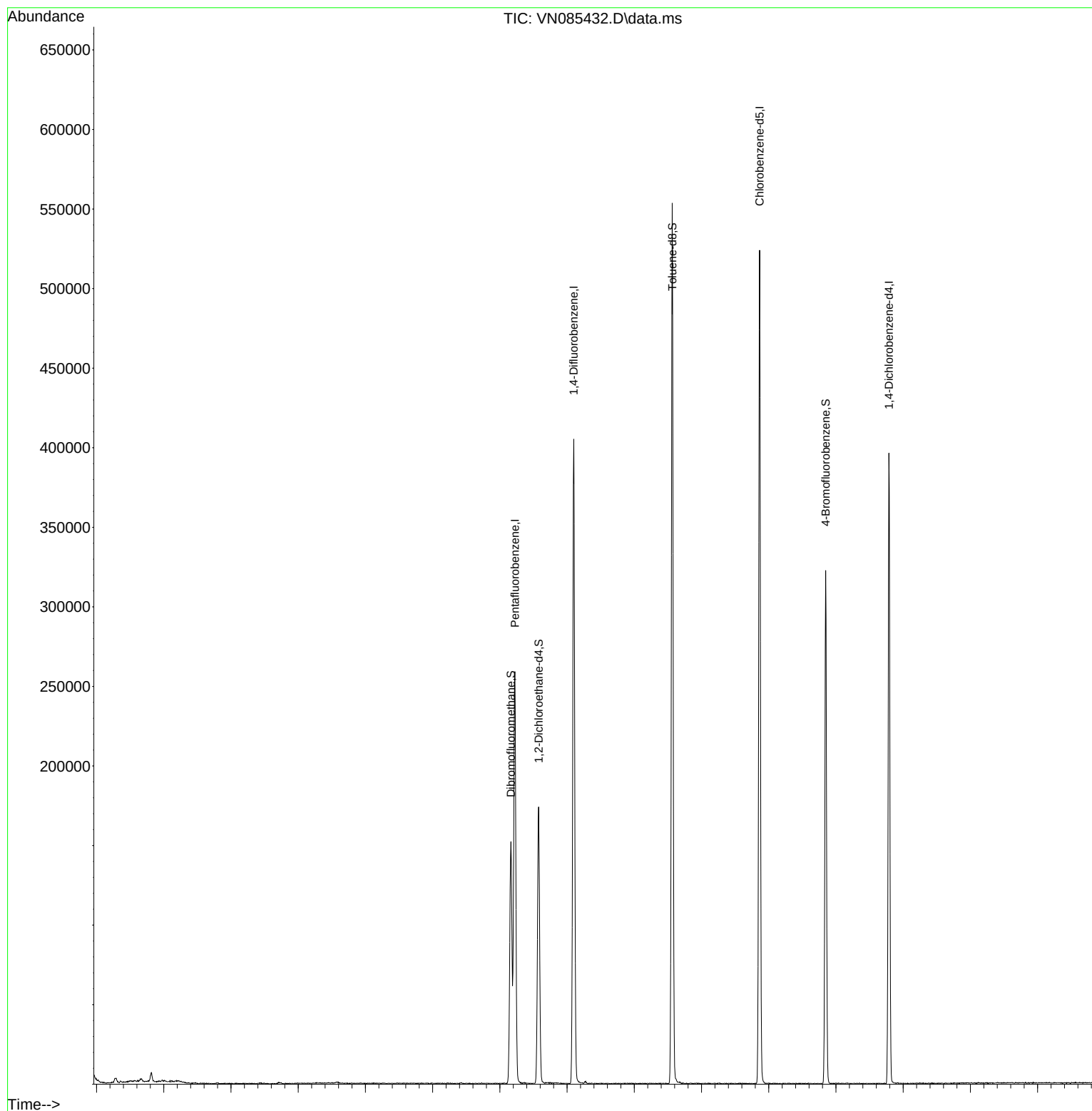
Target Compounds Qvalue

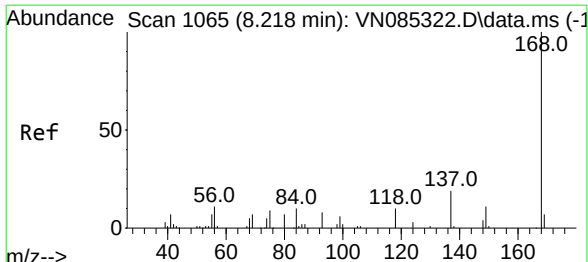
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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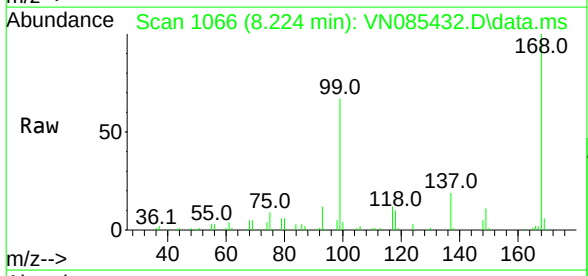
Quant Time: Jan 13 17:46:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
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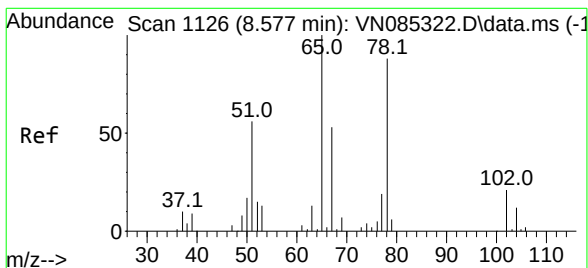
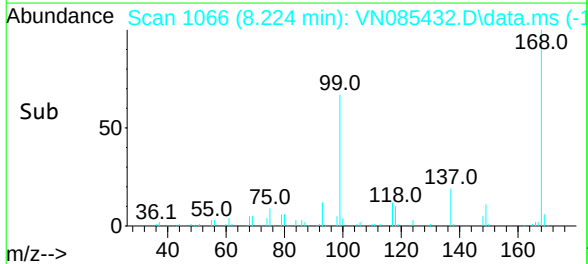
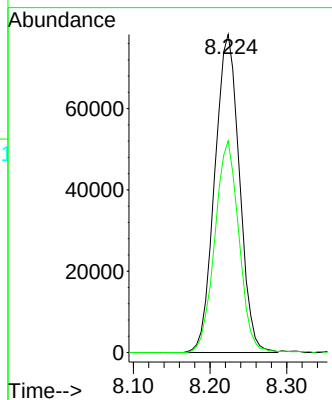


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085432.D
 Acq: 13 Jan 2025 17:30

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190A-TB-20250107

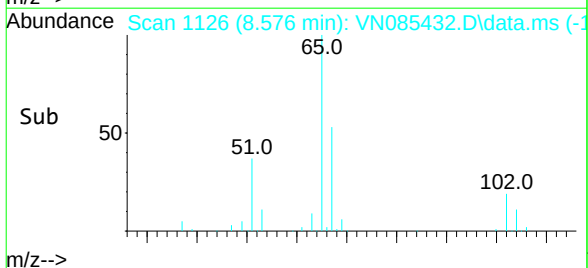
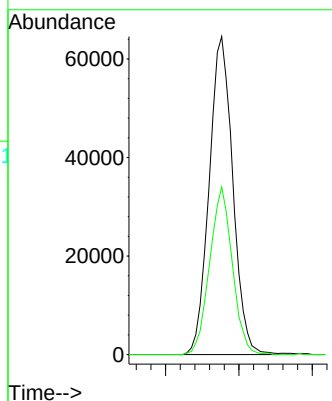
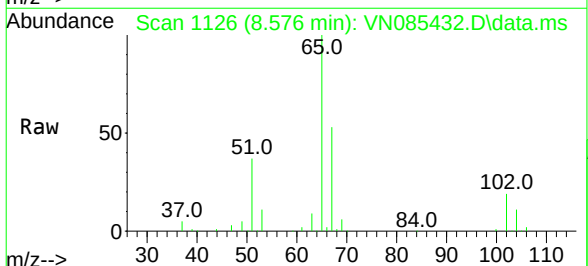


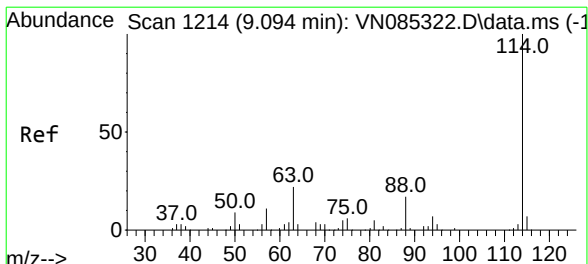
Tgt Ion: 168 Resp: 174662
 Ion Ratio Lower Upper
 168 100
 99 66.5 51.0 76.4



#33
 1,2-Dichloroethane-d4
 Concen: 57.968 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN085432.D
 Acq: 13 Jan 2025 17:30

Tgt Ion: 65 Resp: 144408
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.0

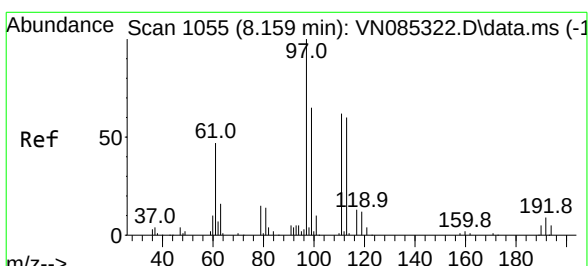
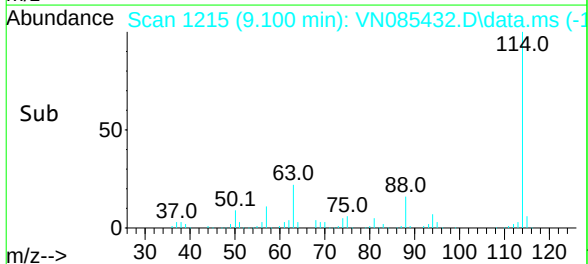
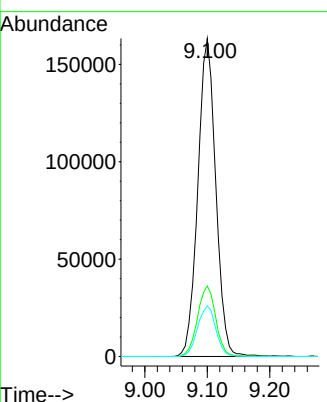
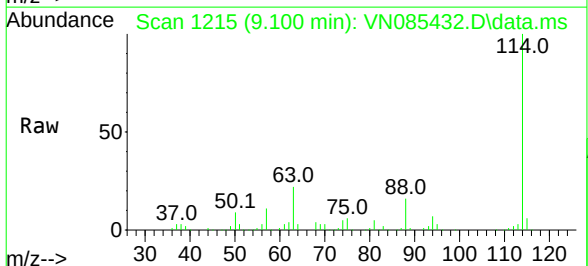




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085432.D
 Acq: 13 Jan 2025 17:30

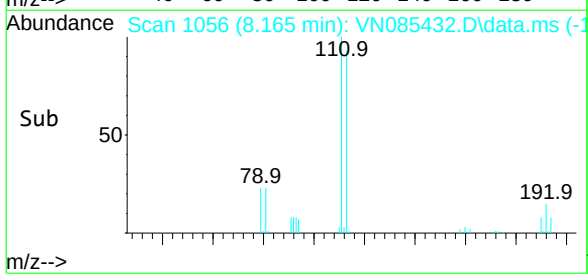
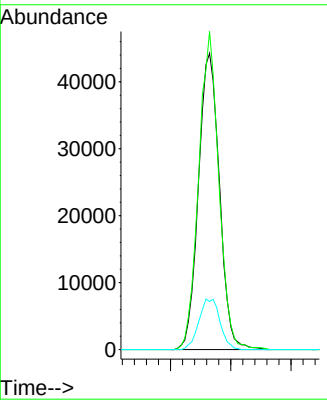
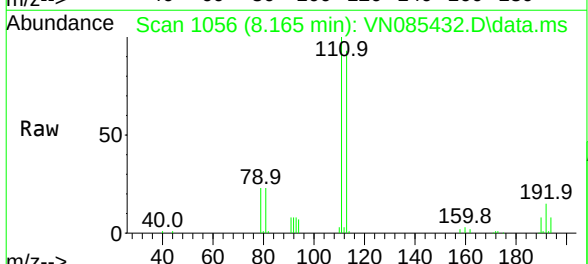
Instrument : MSVOA_N
 ClientSampleId : BP-VPB-190A-TB-20250107

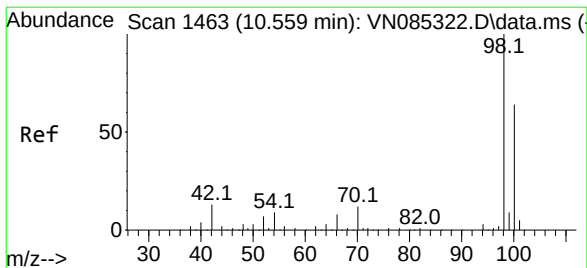
Tgt Ion:	114	Resp:	325733
Ion Ratio	Lower	Upper	
114	100		
63	22.2	0.0	43.4
88	15.9	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 52.819 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085432.D
 Acq: 13 Jan 2025 17:30

Tgt Ion:	113	Resp:	107333
Ion Ratio	Lower	Upper	
113	100		
111	102.8	80.5	120.7
192	17.1	12.9	19.3





#50

Toluene-d8

Concen: 48.175 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN085432.D

Acq: 13 Jan 2025 17:30

Instrument :

MSVOA_N

ClientSampleId :

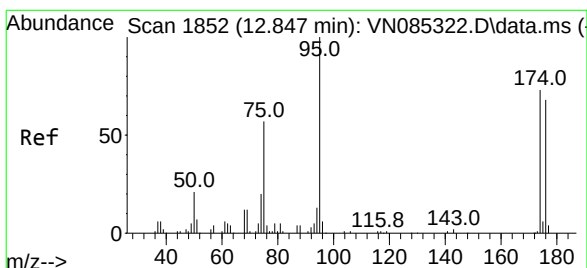
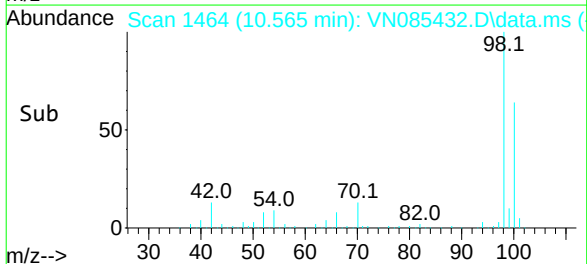
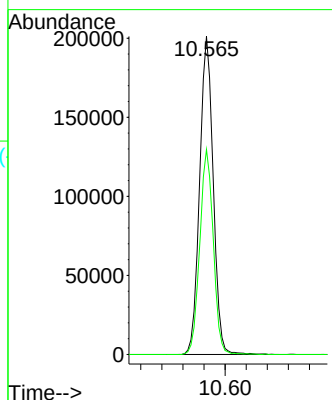
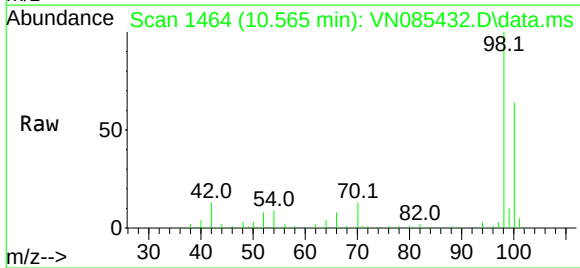
BP-VPB-190A-TB-20250107

Tgt Ion: 98 Resp: 359238

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 42.394 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085432.D

Acq: 13 Jan 2025 17:30

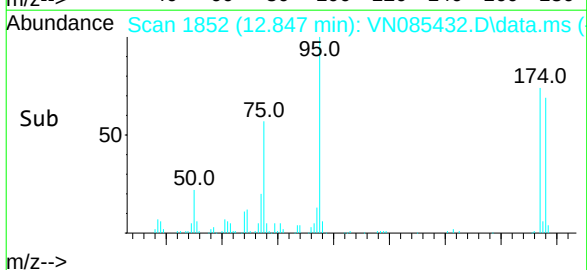
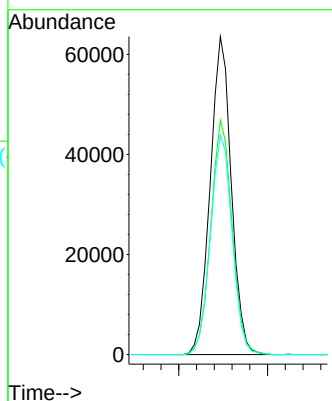
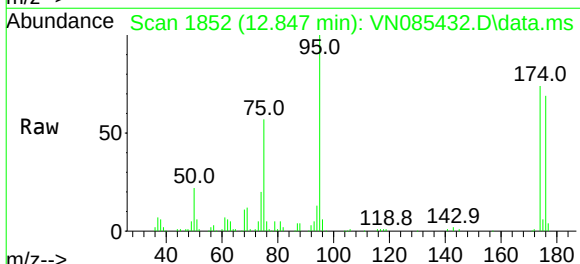
Tgt Ion: 95 Resp: 104988

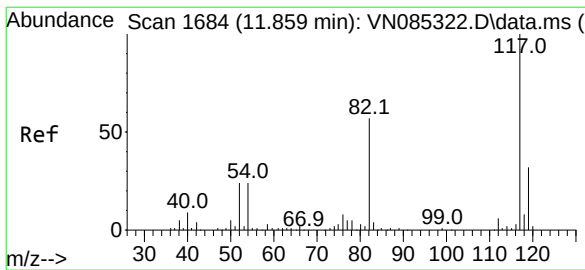
Ion Ratio Lower Upper

95 100

174 74.6 0.0 143.2

176 71.1 0.0 135.8

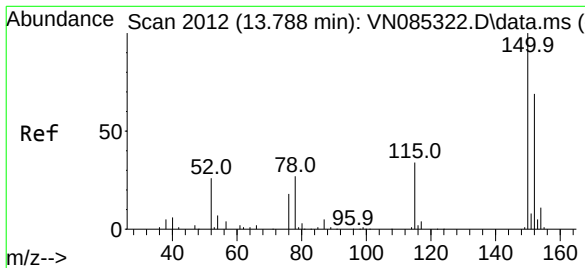
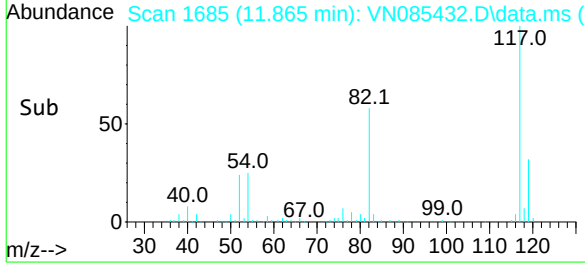
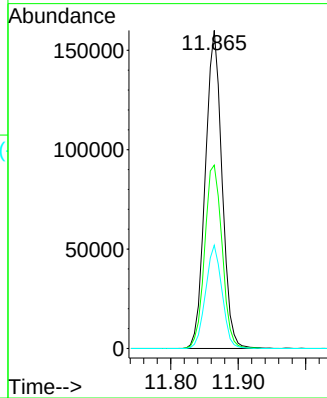
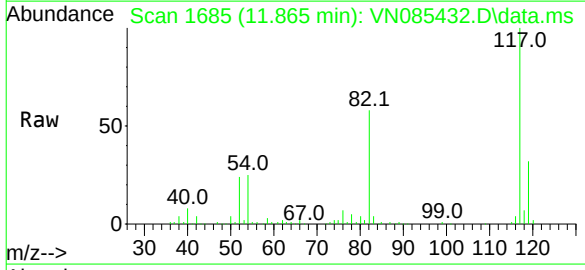




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190A-TB-20250107

Tgt Ion:	117	Resp:	274916
Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.7	68.5
119	32.5	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085432.D
Acq: 13 Jan 2025 17:30

Tgt Ion:	152	Resp:	102139
Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.4	91.3
150	156.9	0.0	345.0

