

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085531.D
 Acq On : 28 Jan 2025 12:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 29 00:37:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	175957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152556	53.711	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	107.420%	
35) Dibromofluoromethane	8.165	113	114240	51.270	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.540%	
50) Toluene-d8	10.565	98	387697	48.972	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	97.940%	
62) 4-Bromofluorobenzene	12.847	95	115197	42.537	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	85.080%	

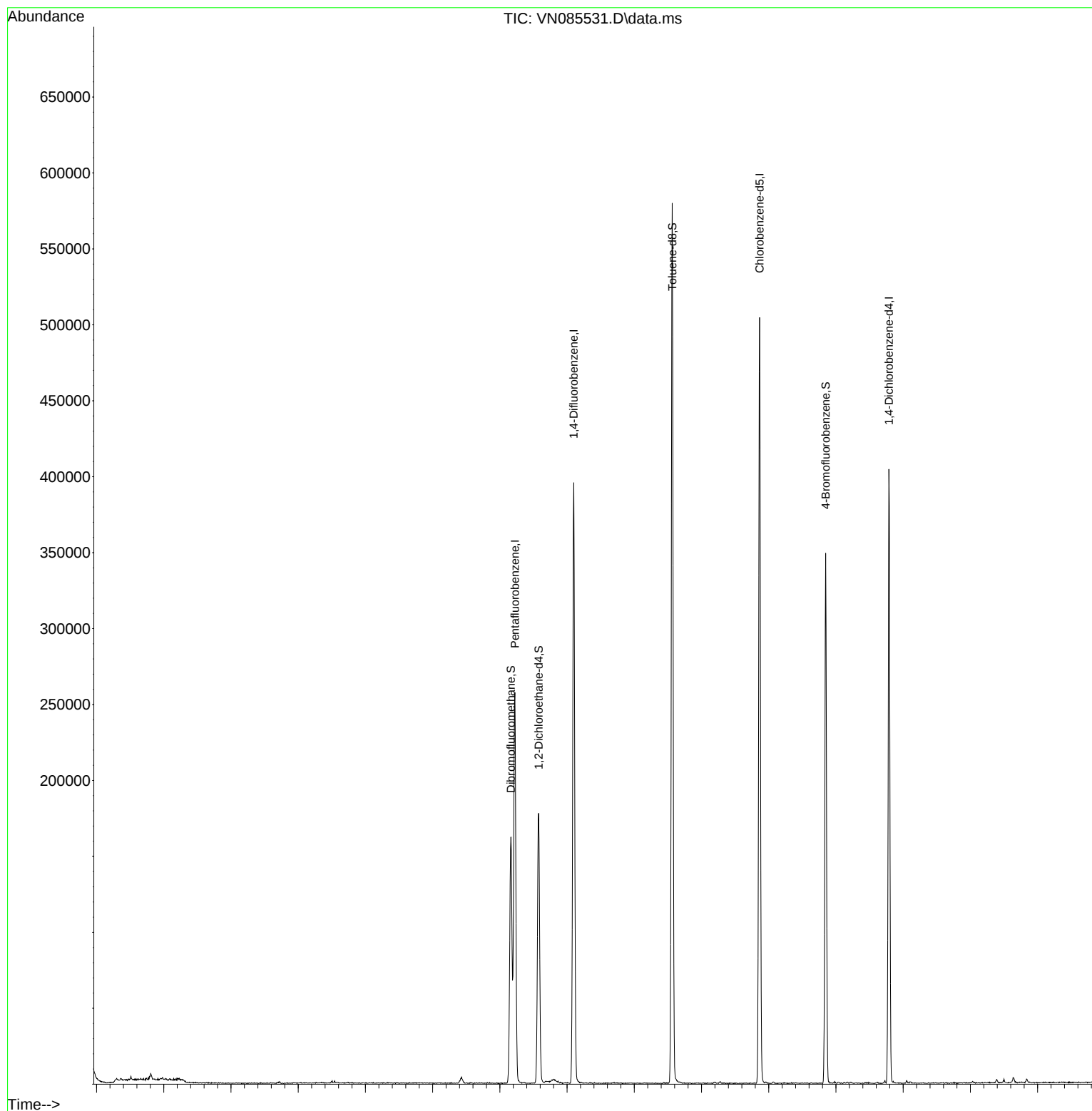
Target Compounds Qvalue

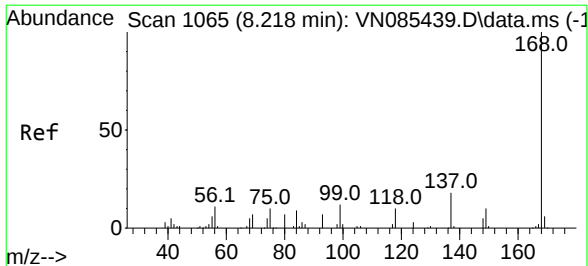
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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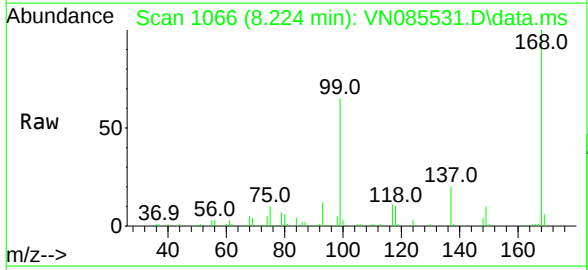
Quant Time: Jan 29 00:37:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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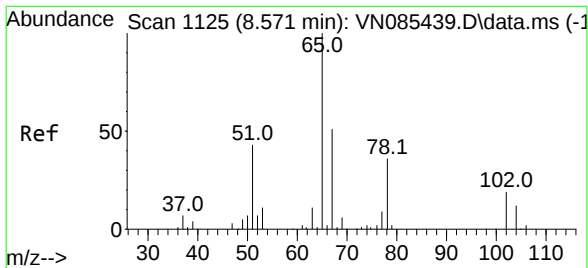
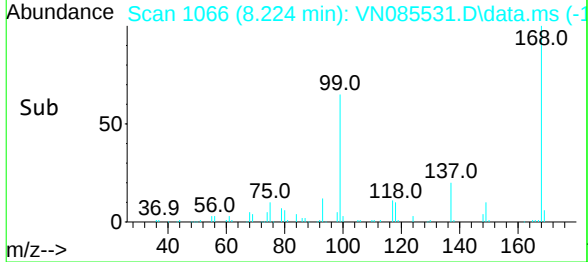
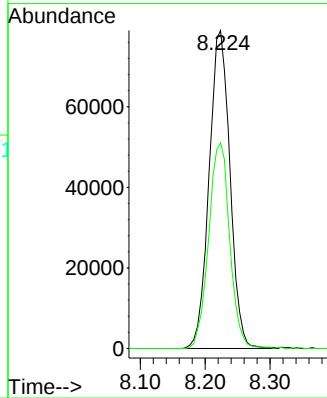


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085531.D
Acq: 28 Jan 2025 12:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK

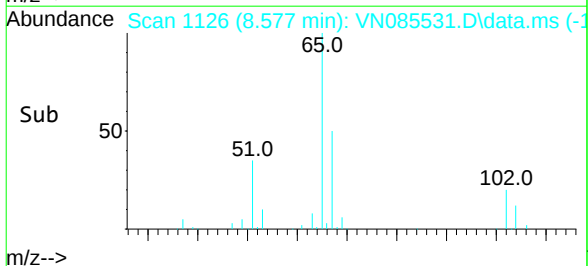
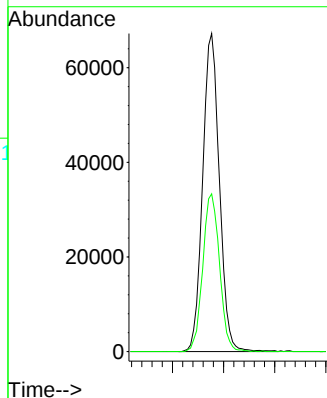
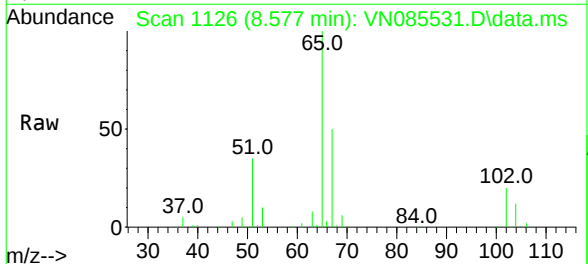


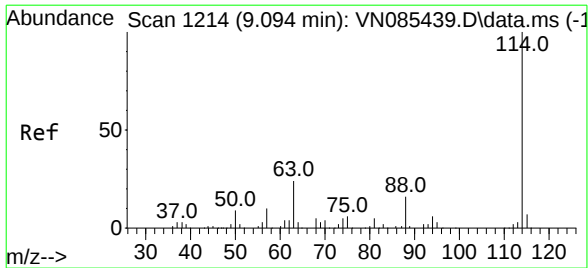
Tgt Ion:168 Resp: 175957
Ion Ratio Lower Upper
168 100
99 64.7 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 53.711 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085531.D
Acq: 28 Jan 2025 12:12

Tgt Ion: 65 Resp: 152556
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.6

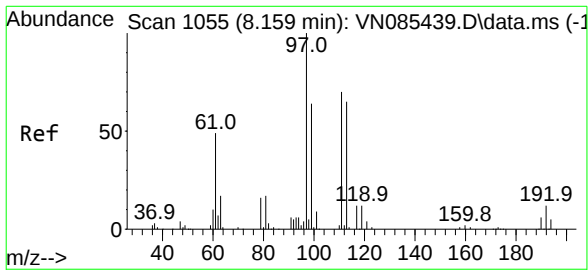
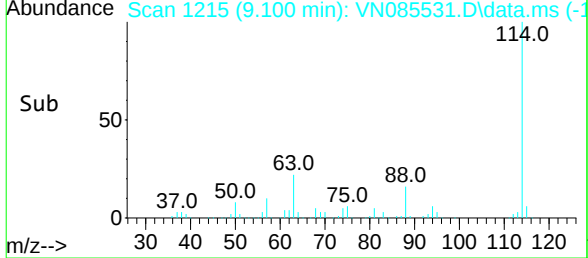
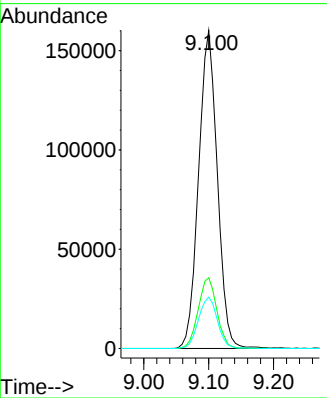
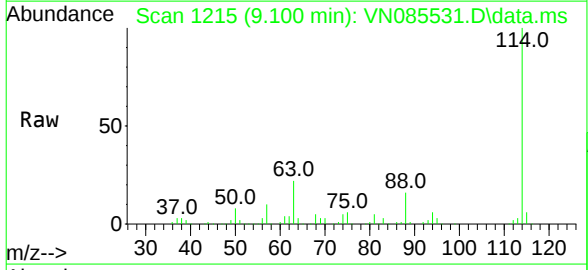




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085531.D
 Acq: 28 Jan 2025 12:12

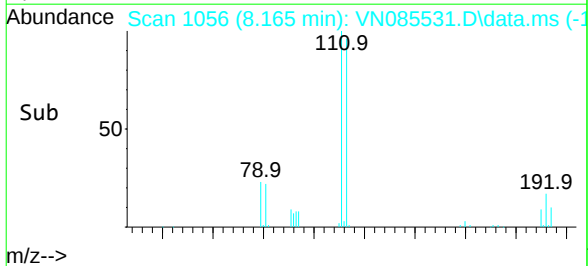
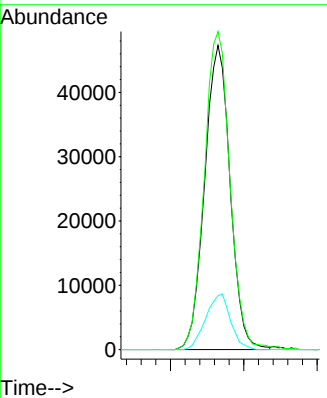
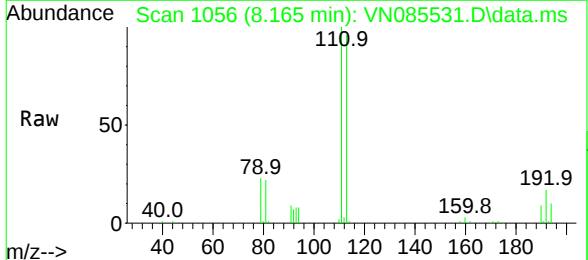
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

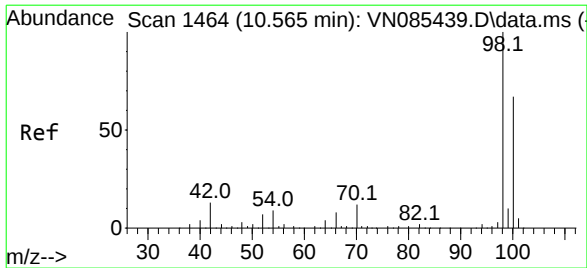
Tgt Ion:	114	Resp:	321181
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	47.6
88	16.2	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.270 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085531.D
 Acq: 28 Jan 2025 12:12

Tgt Ion:	113	Resp:	114240
Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.7	124.1
192	17.7	14.3	21.5





#50

Toluene-d8

Concen: 48.972 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085531.D

Acq: 28 Jan 2025 12:12

Instrument :

MSVOA_N

ClientSampleId :

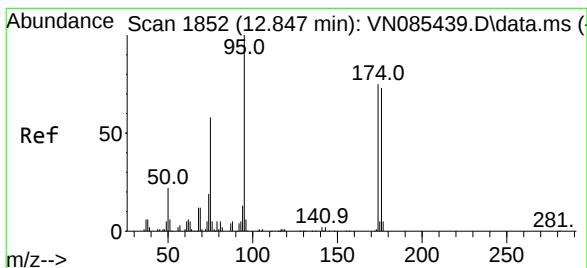
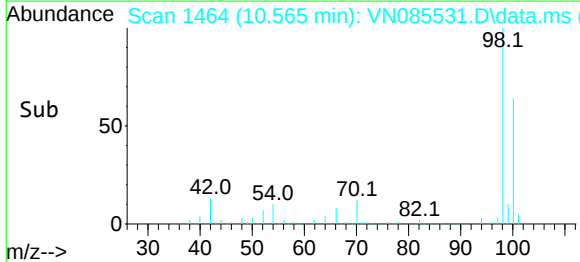
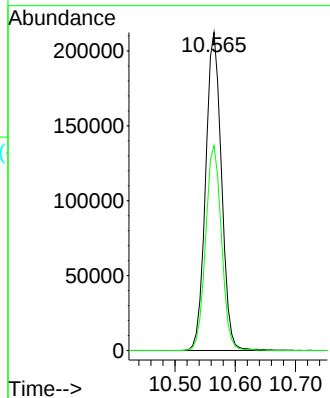
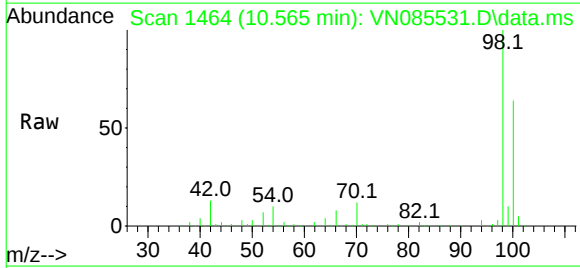
IBLK

Tgt Ion: 98 Resp: 387697

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 42.537 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085531.D

Acq: 28 Jan 2025 12:12

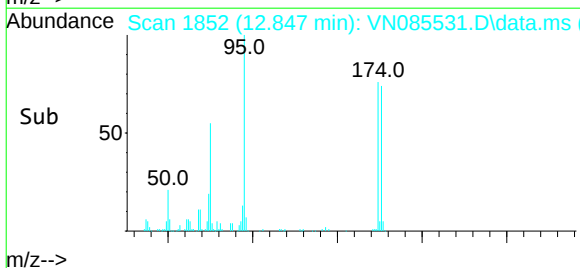
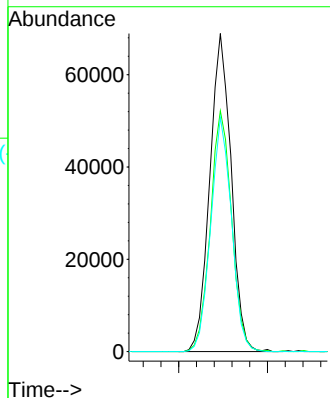
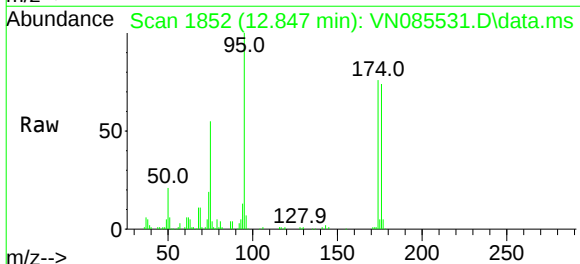
Tgt Ion: 95 Resp: 115197

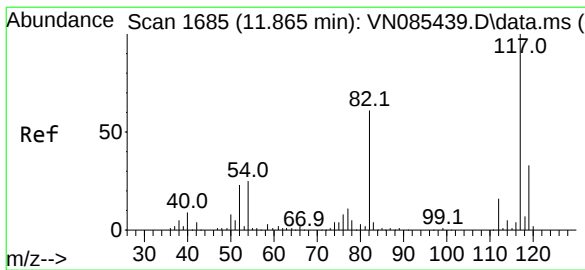
Ion Ratio Lower Upper

95 100

174 75.3 0.0 145.0

176 71.5 0.0 142.4

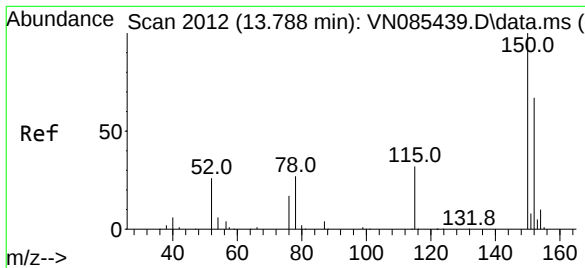
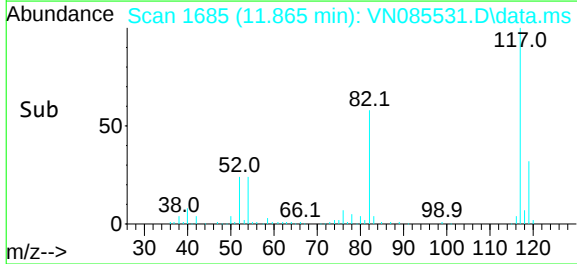
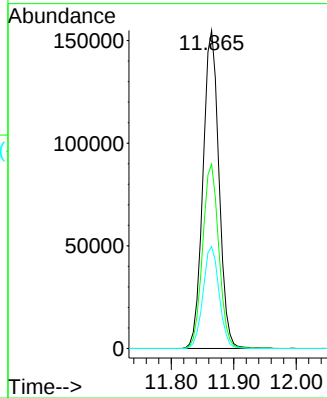
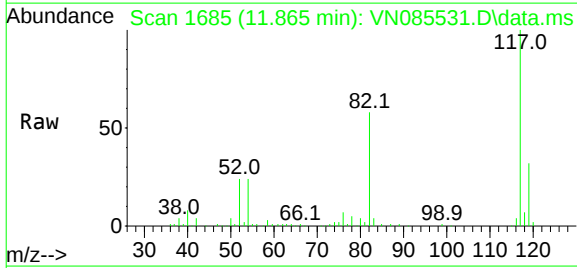




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085531.D
Acq: 28 Jan 2025 12:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	117	Resp:	275065
Ion	Ratio	Lower	Upper
117	100		
82	58.0	48.6	72.8
119	32.1	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085531.D
Acq: 28 Jan 2025 12:12

Tgt Ion:	152	Resp:	105485
Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.1	93.3
150	159.5	0.0	343.6

