

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011425\
 Data File : VN085444.D
 Acq On : 14 Jan 2025 17:42
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 15 02:20:25 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	153702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88711	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136365	54.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.920%
35) Dibromofluoromethane	8.165	113	101523	53.024	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.040%
50) Toluene-d8	10.565	98	335165	49.269	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.847	95	98696	42.412	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	84.820%

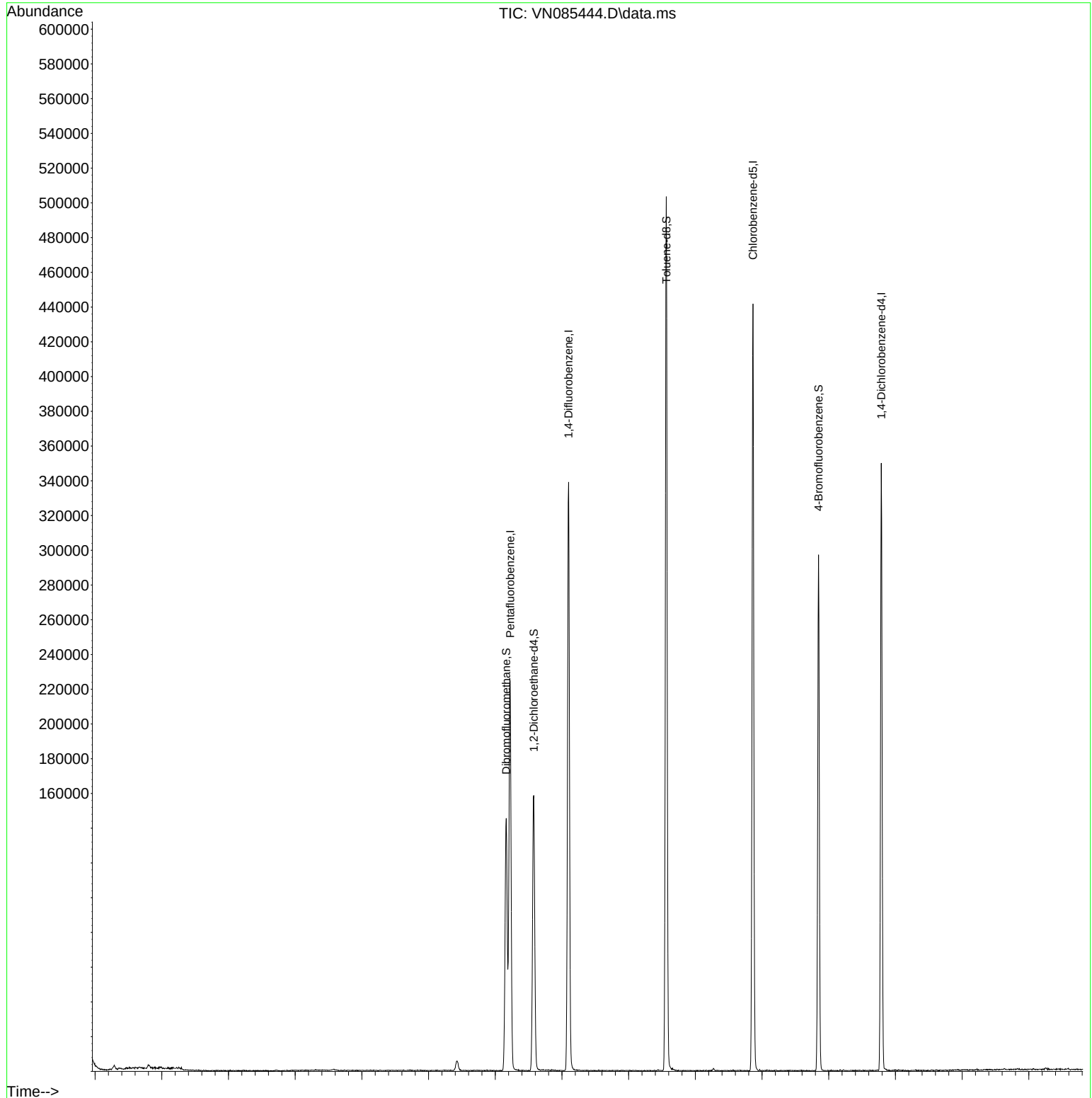
Target Compounds	Qvalue

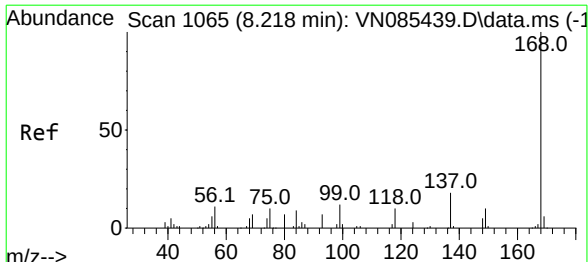
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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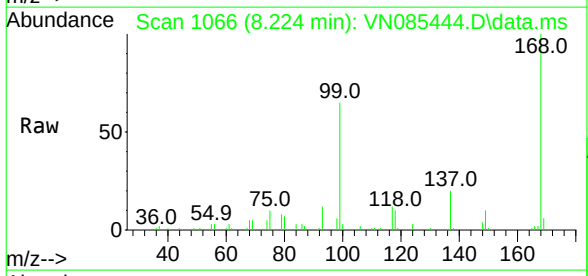
Quant Time: Jan 15 02:20:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
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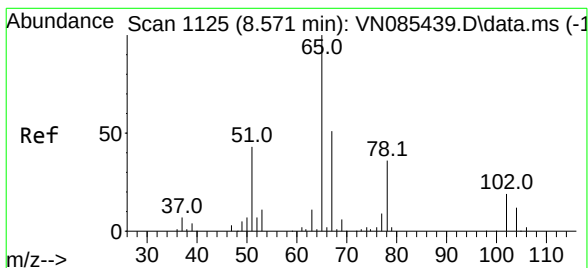
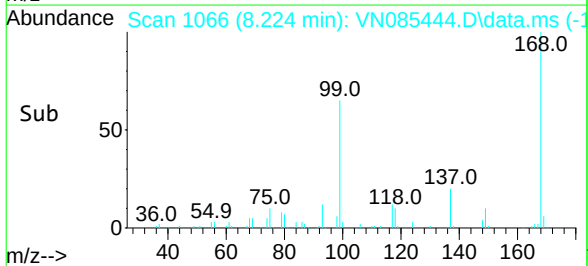
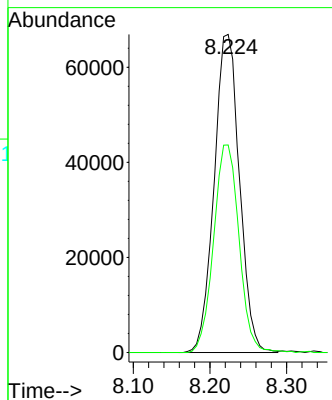


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085444.D
 Acq: 14 Jan 2025 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

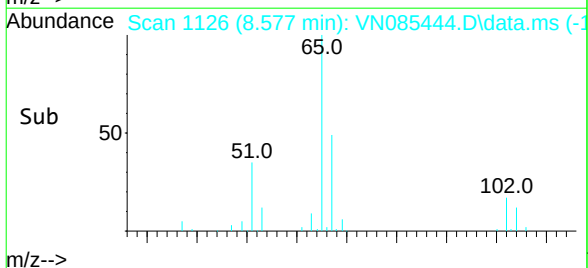
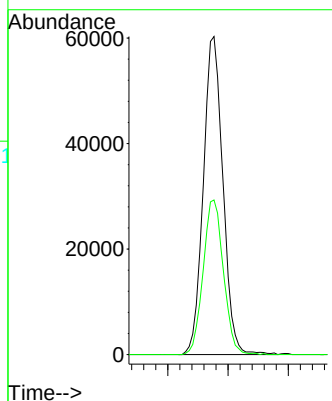
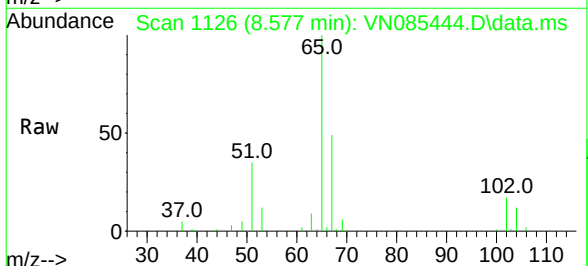


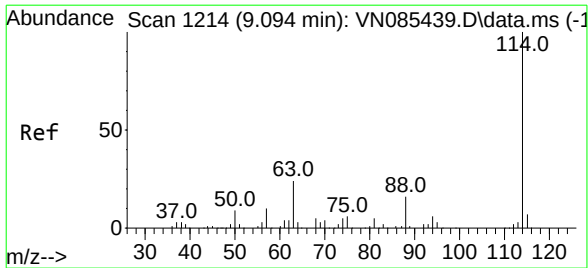
Tgt Ion:168 Resp: 153702
 Ion Ratio Lower Upper
 168 100
 99 65.2 53.6 80.4



#33
 1,2-Dichloroethane-d4
 Concen: 54.962 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085444.D
 Acq: 14 Jan 2025 17:42

Tgt Ion: 65 Resp: 136365
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.6

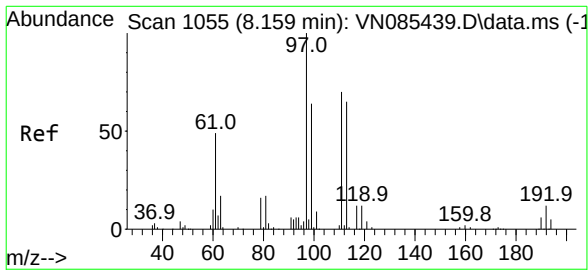
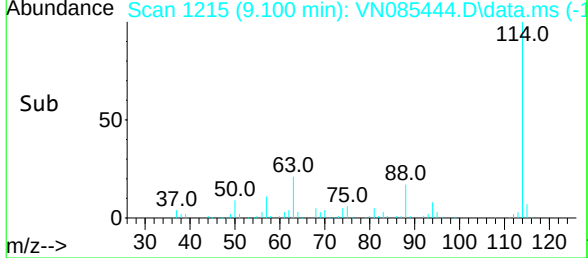
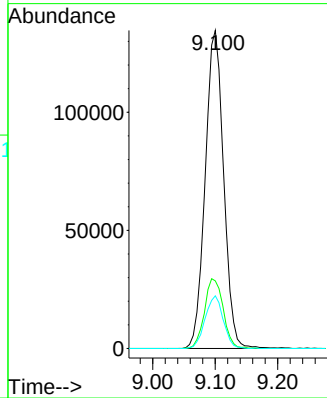
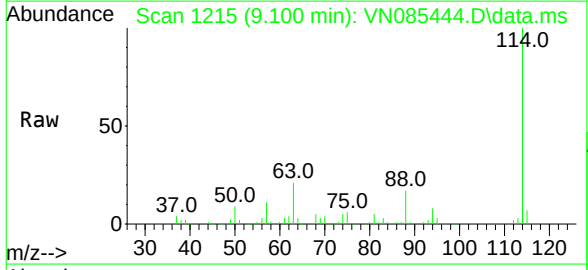




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085444.D
 Acq: 14 Jan 2025 17:42

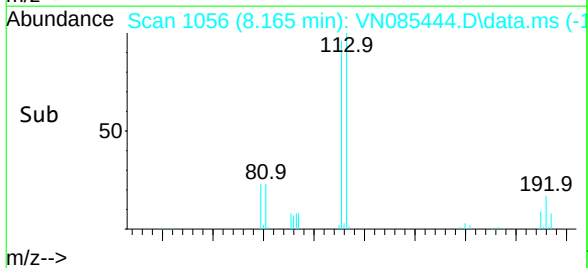
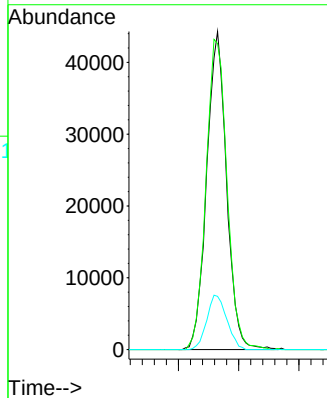
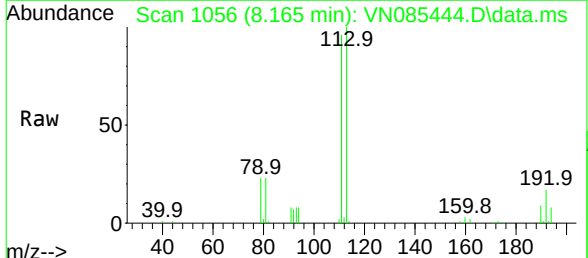
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

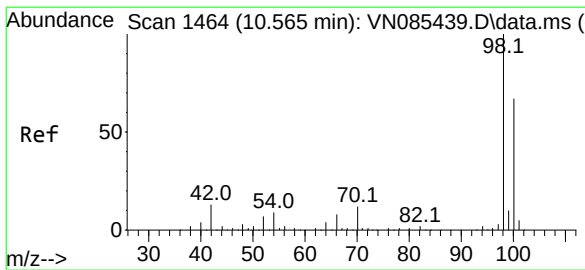
Tgt Ion:	114	Resp:	275988
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	47.6
88	16.6	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 53.024 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085444.D
 Acq: 14 Jan 2025 17:42

Tgt Ion:	113	Resp:	101523
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	17.2	14.3	21.5





#50

Toluene-d8

Concen: 49.269 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085444.D

Acq: 14 Jan 2025 17:42

Instrument :

MSVOA_N

ClientSampleId :

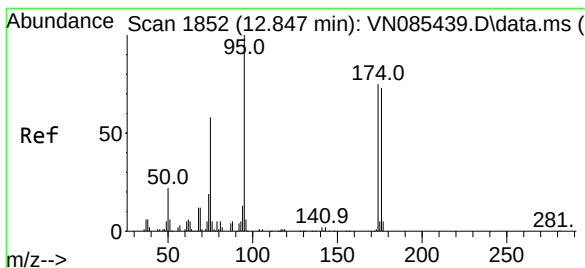
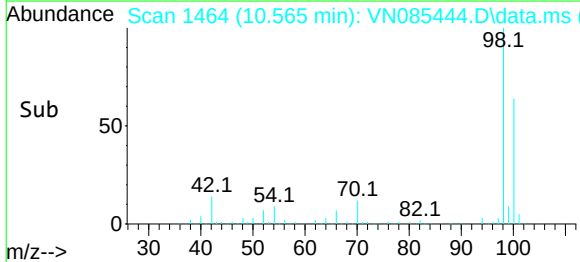
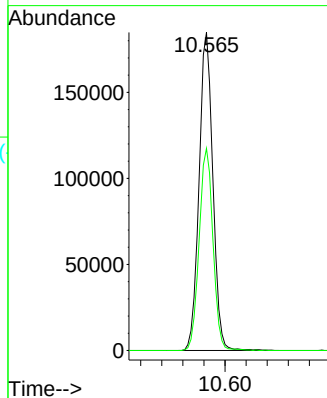
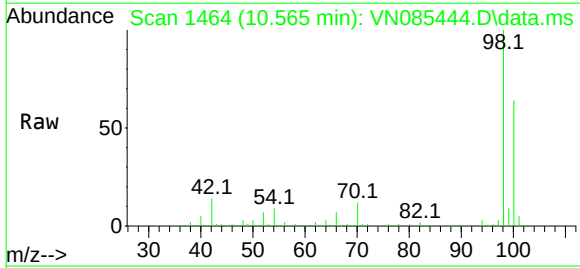
IBLK

Tgt Ion: 98 Resp: 335165

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 42.412 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085444.D

Acq: 14 Jan 2025 17:42

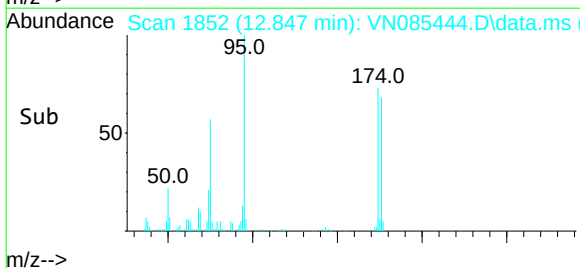
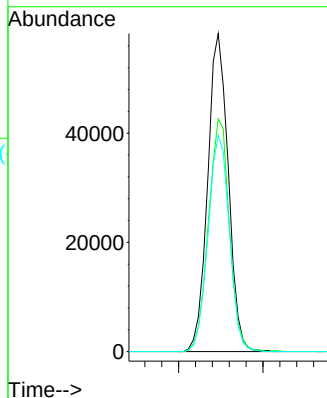
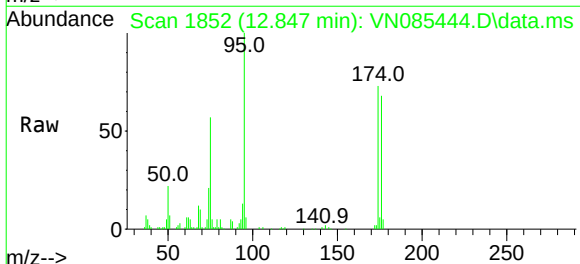
Tgt Ion: 95 Resp: 98696

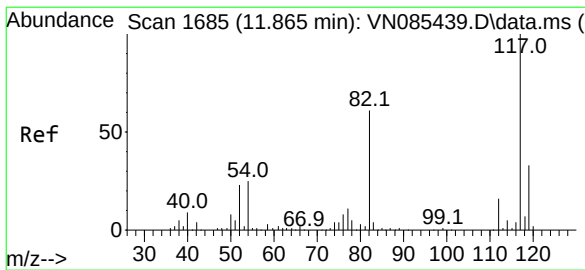
Ion Ratio Lower Upper

95 100

174 74.5 0.0 145.0

176 70.4 0.0 142.4

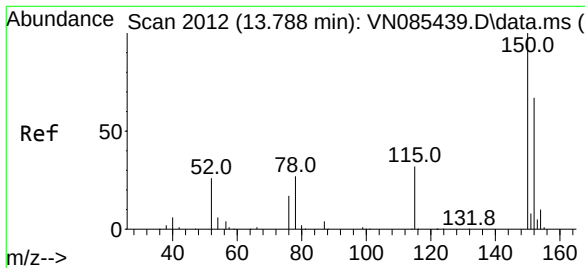
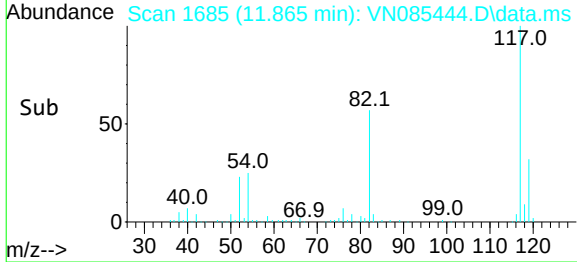
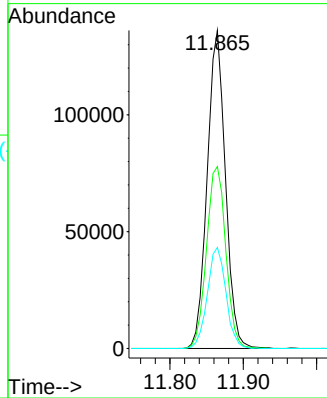
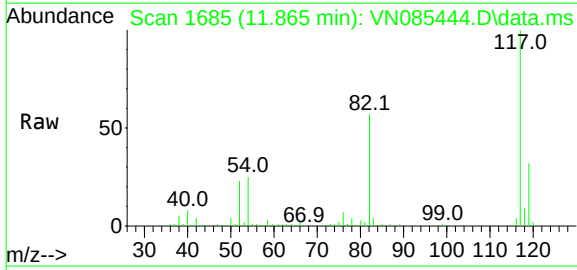




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085444.D
Acq: 14 Jan 2025 17:42

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.2	48.6	72.8
119	31.8	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: VN085444.D
Acq: 14 Jan 2025 17:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.1	93.3
150	159.6	0.0	343.6

