

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085500.D
 Acq On : 17 Jan 2025 17:36
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 17 22:39:42 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	211244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	410596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	370082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	168430	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	188174	55.184	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.360%
35) Dibromofluoromethane	8.165	113	137814	48.381	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.760%
50) Toluene-d8	10.565	98	510524	50.443	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.847	95	191495	55.312	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.620%

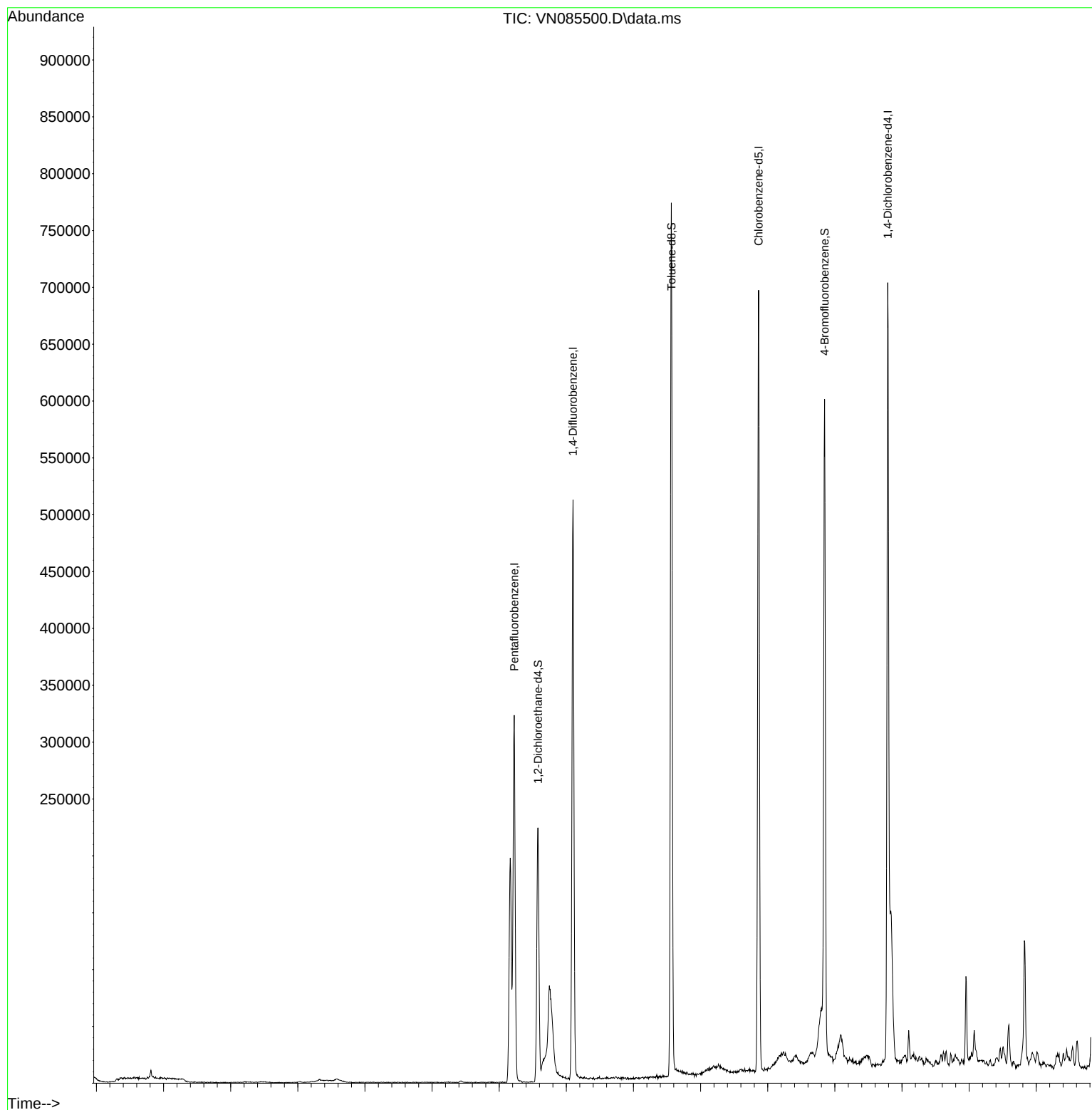
Target Compounds	Qvalue

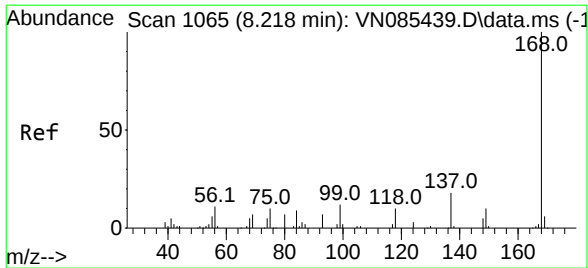
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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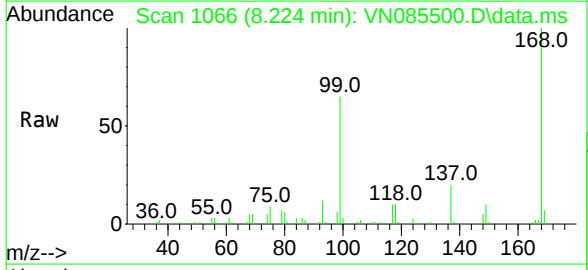
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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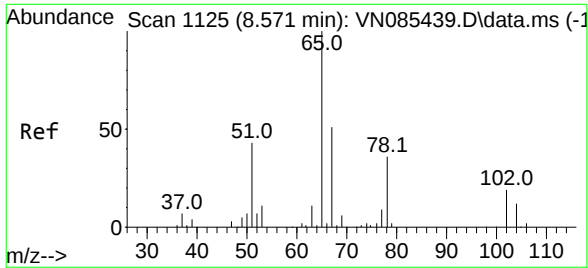
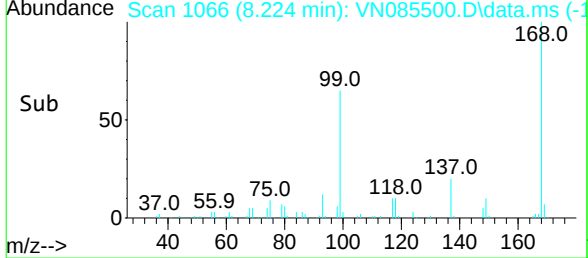
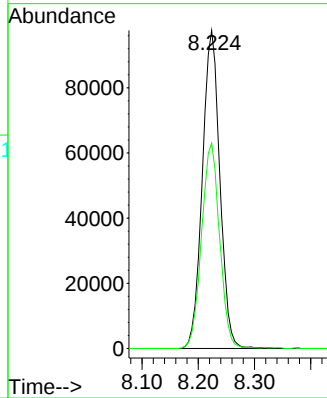


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085500.D
 Acq: 17 Jan 2025 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

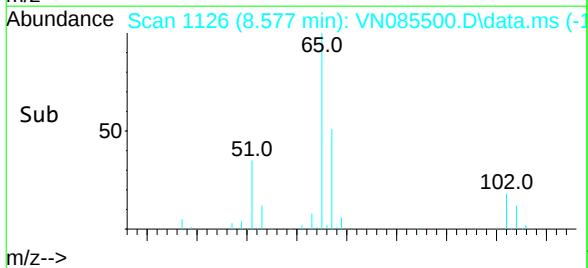
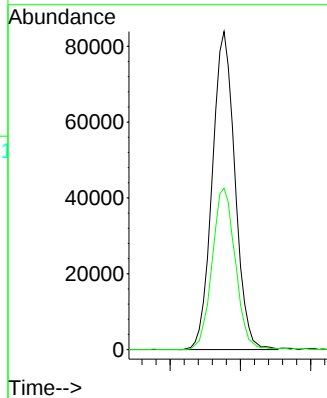
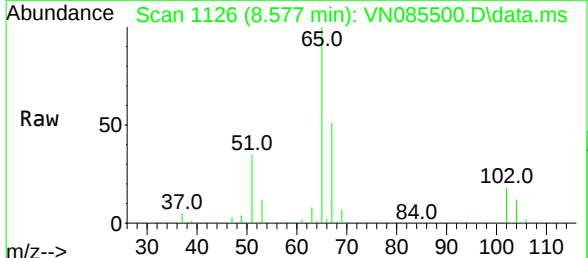


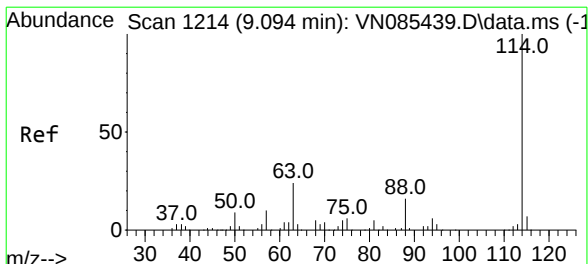
Tgt Ion: 168 Resp: 211244
 Ion Ratio Lower Upper
 168 100
 99 64.6 53.6 80.4



#33
 1,2-Dichloroethane-d4
 Concen: 55.184 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085500.D
 Acq: 17 Jan 2025 17:36

Tgt Ion: 65 Resp: 188174
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.6

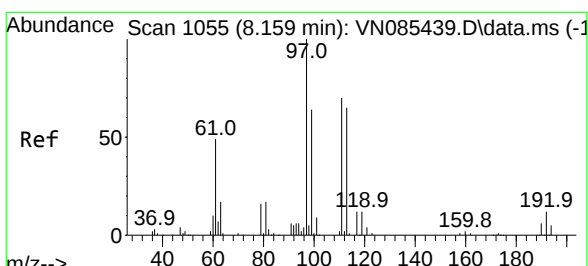
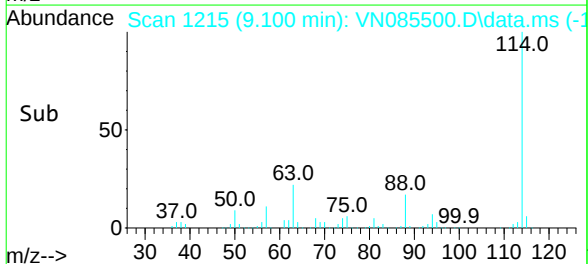
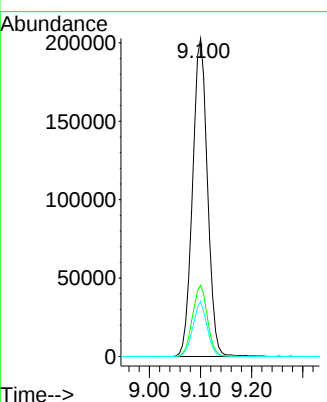
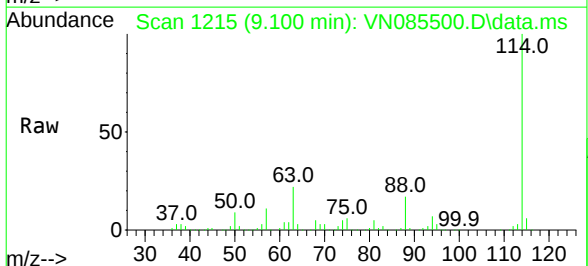




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085500.D
 Acq: 17 Jan 2025 17:36

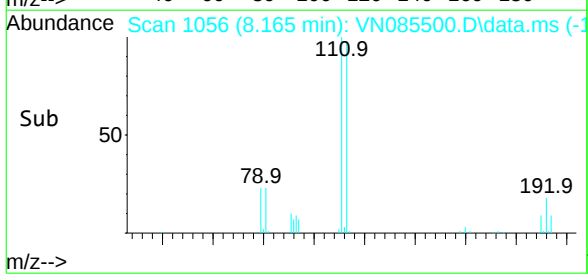
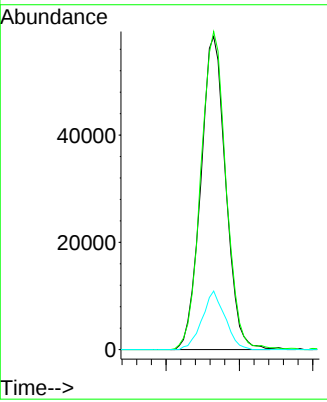
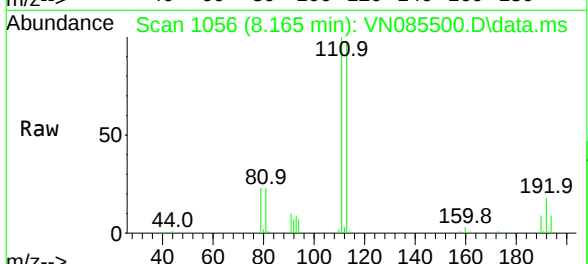
Instrument : MSVOA_N
 ClientSampleId : IBLK

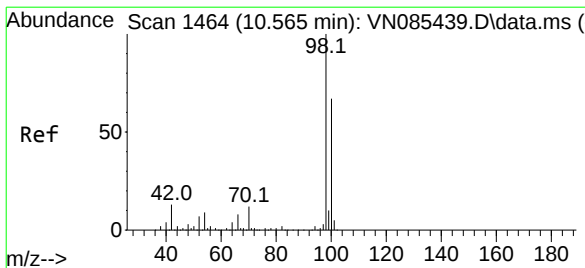
Tgt Ion:	114	Resp:	410596
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.6
88	17.4	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 48.381 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085500.D
 Acq: 17 Jan 2025 17:36

Tgt Ion:	113	Resp:	137814
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	17.2	14.3	21.5





#50

Toluene-d8

Concen: 50.443 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085500.D

Acq: 17 Jan 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

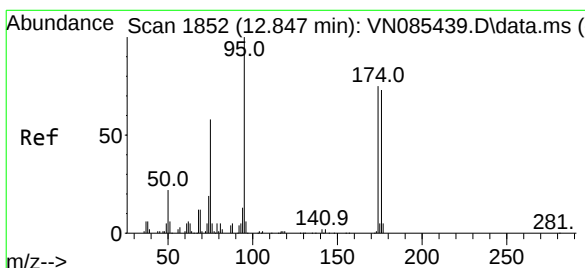
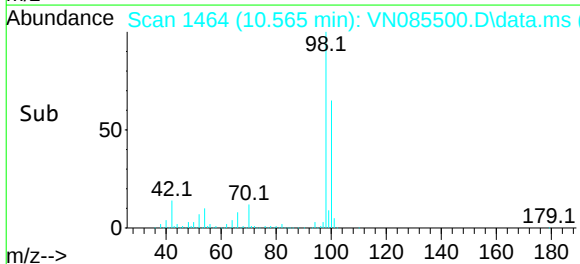
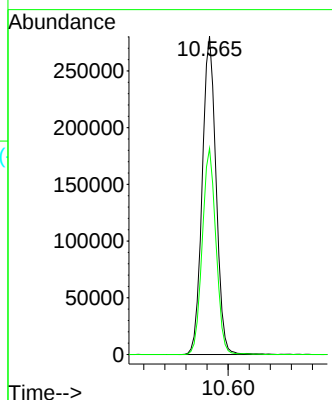
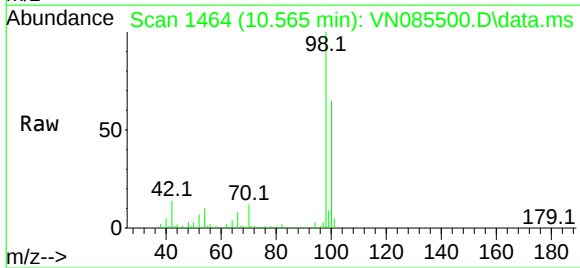
IBLK

Tgt Ion: 98 Resp: 510524

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 55.312 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085500.D

Acq: 17 Jan 2025 17:36

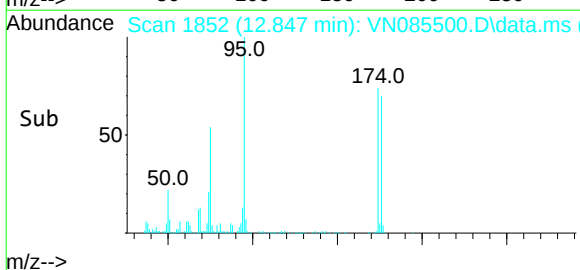
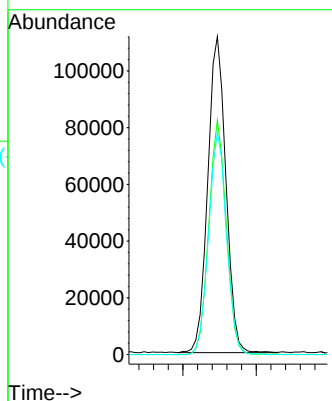
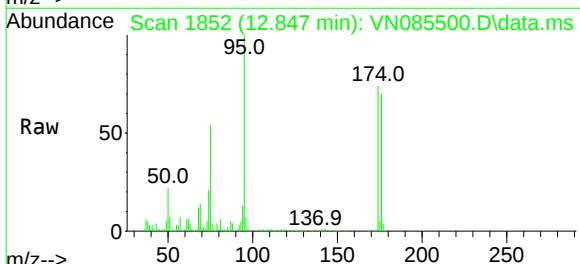
Tgt Ion: 95 Resp: 191495

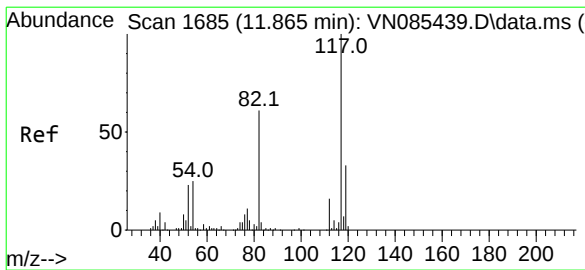
Ion Ratio Lower Upper

95 100

174 71.8 0.0 145.0

176 69.1 0.0 142.4

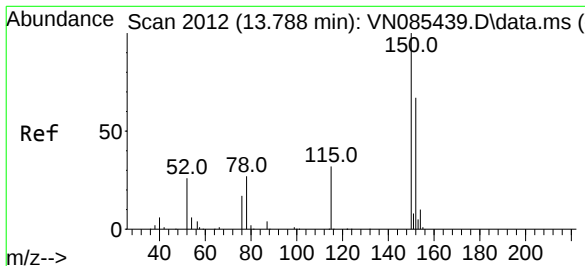
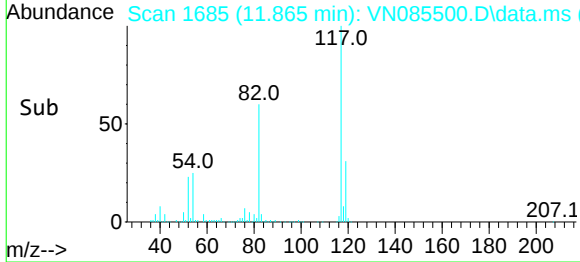
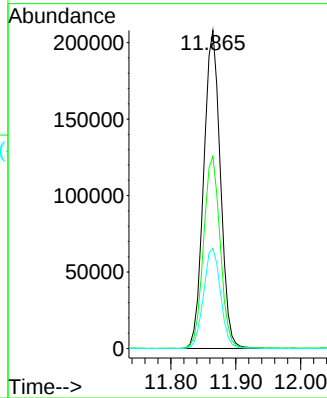
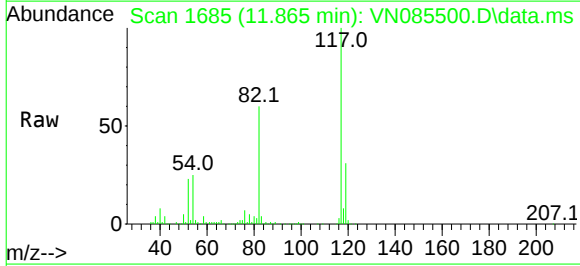




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085500.D
Acq: 17 Jan 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 370082
Ion Ratio Lower Upper
117 100
82 60.4 48.6 72.8
119 31.5 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: VN085500.D
Acq: 17 Jan 2025 17:36

Tgt Ion:152 Resp: 168430
Ion Ratio Lower Upper
152 100
115 62.4 31.1 93.3
150 157.3 0.0 343.6

