

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085596.D
 Acq On : 31 Jan 2025 12:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 31 22:26:50 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	173639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103250	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	157367	56.145	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	112.280%	
35) Dibromofluoromethane	8.165	113	117677	52.989	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.980%	
50) Toluene-d8	10.565	98	391320	49.595	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.180%	
62) 4-Bromofluorobenzene	12.847	95	119817	44.391	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	88.780%	

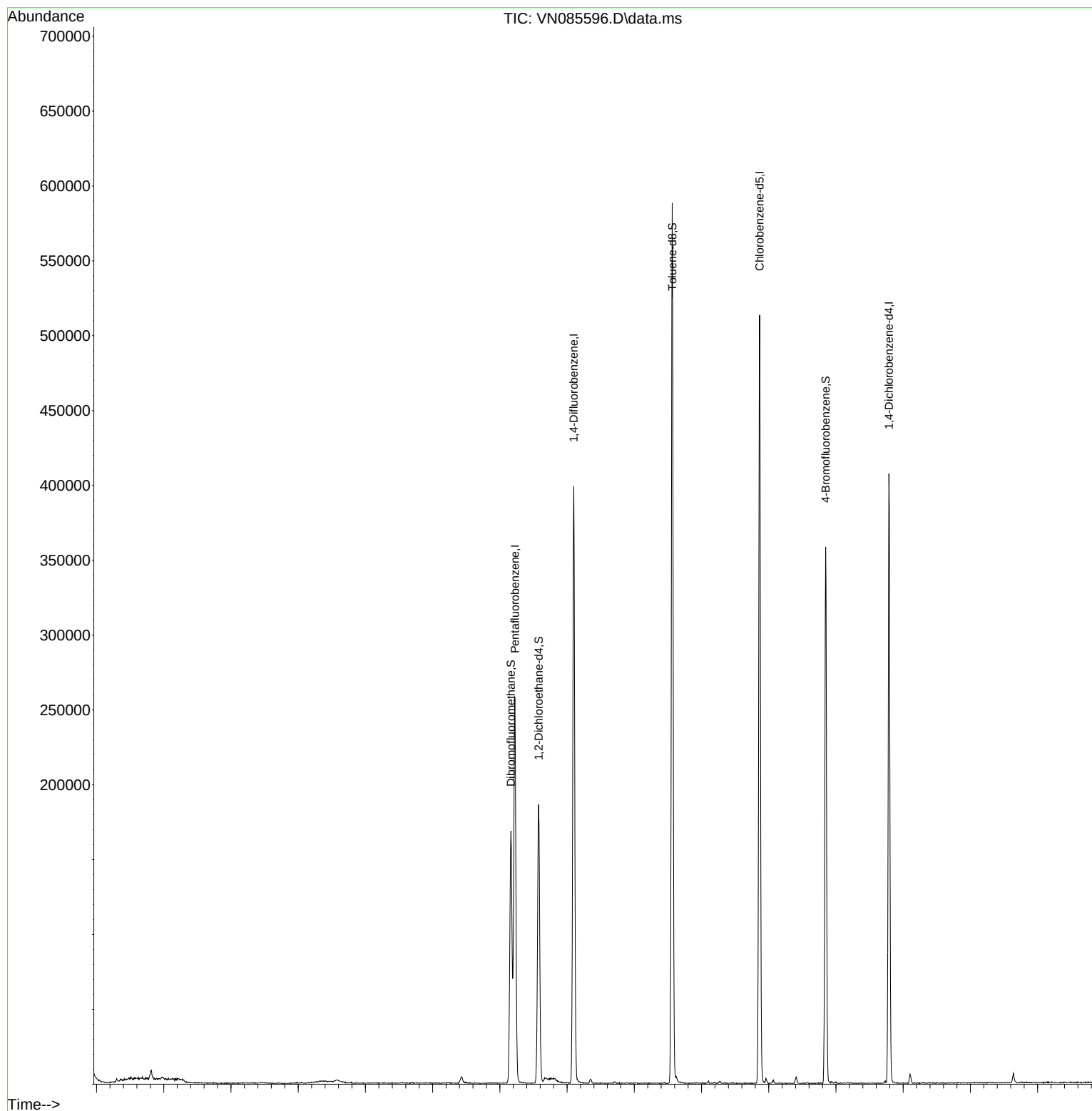
Target Compounds	Qvalue

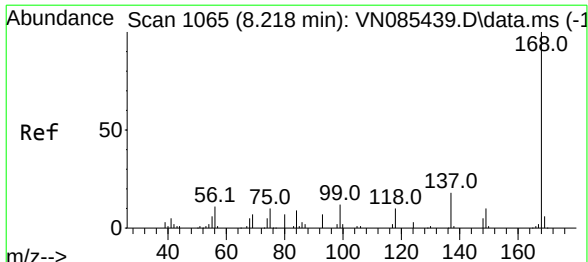
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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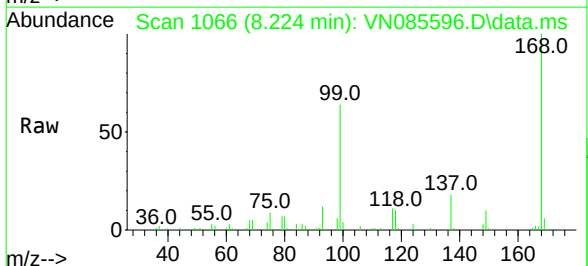
Quant Time: Jan 31 22:26:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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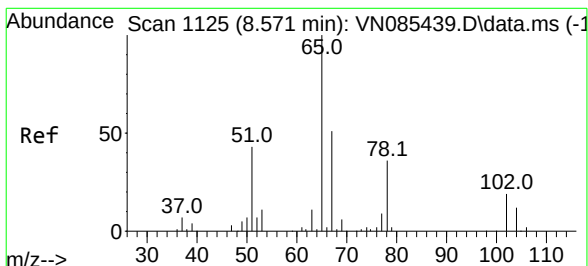
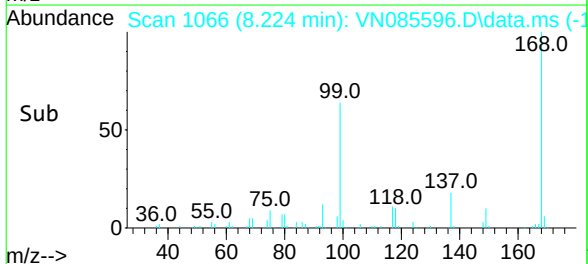
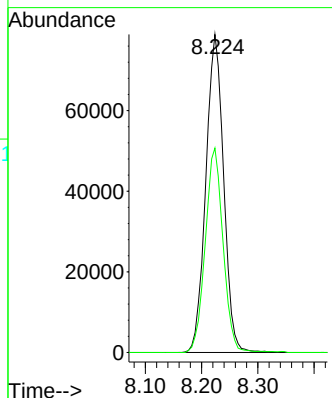


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085596.D
Acq: 31 Jan 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
IBLK

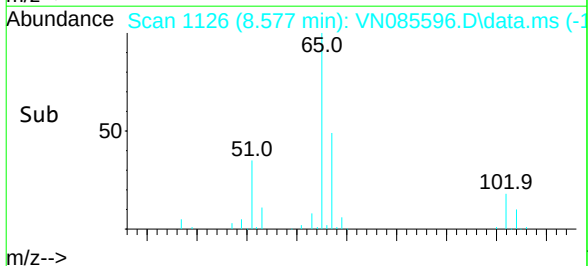
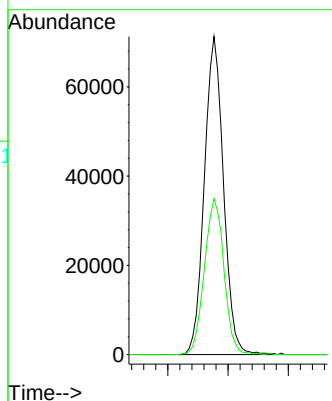
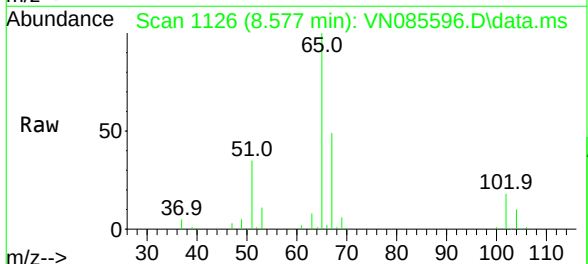


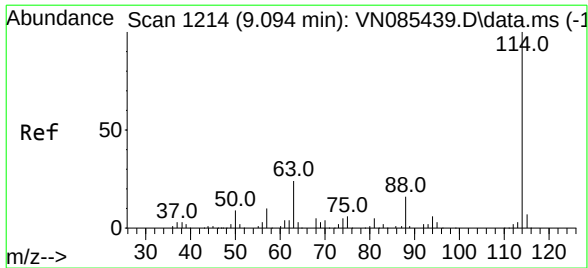
Tgt Ion: 168 Resp: 173639
Ion Ratio Lower Upper
168 100
99 64.3 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 56.145 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085596.D
Acq: 31 Jan 2025 12:51

Tgt Ion: 65 Resp: 157367
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.6

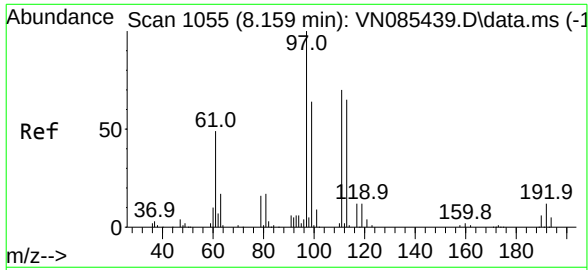
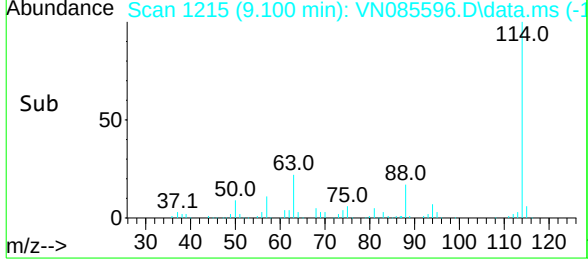
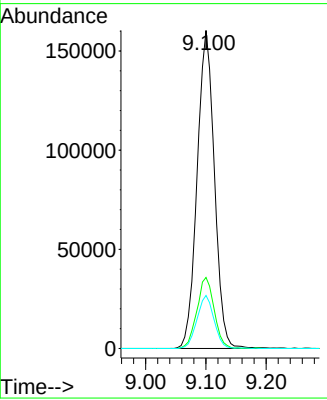
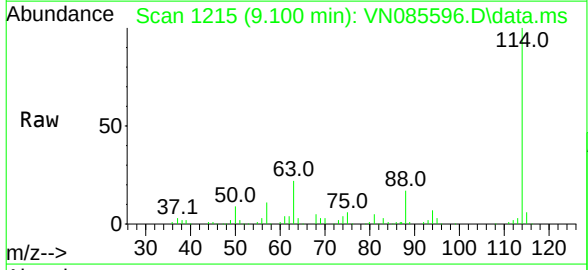




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085596.D
 Acq: 31 Jan 2025 12:51

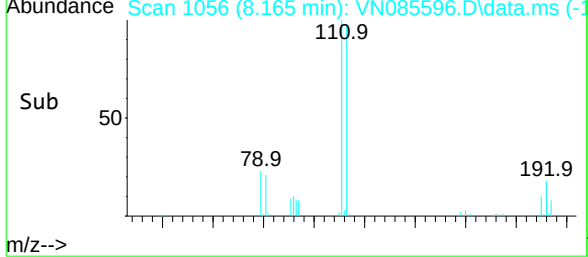
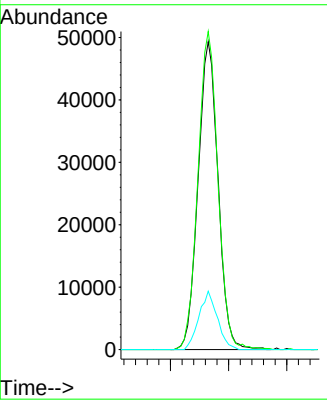
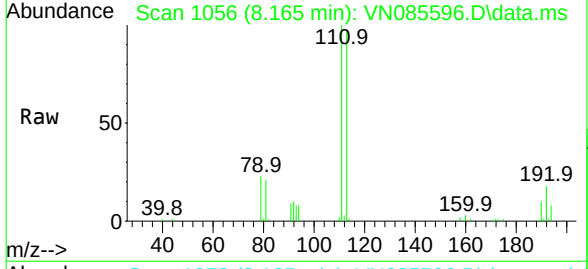
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

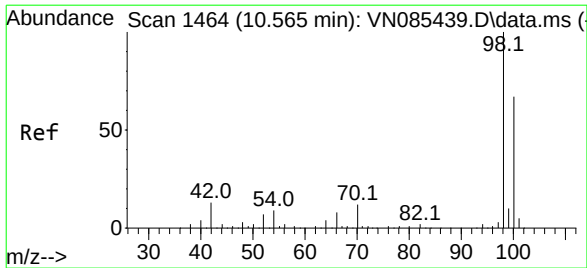
Tgt Ion:	114	Resp:	320110
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	47.6
88	16.7	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 52.989 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085596.D
 Acq: 31 Jan 2025 12:51

Tgt Ion:	113	Resp:	117677
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	17.5	14.3	21.5





#50

Toluene-d8

Concen: 49.595 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085596.D

Acq: 31 Jan 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

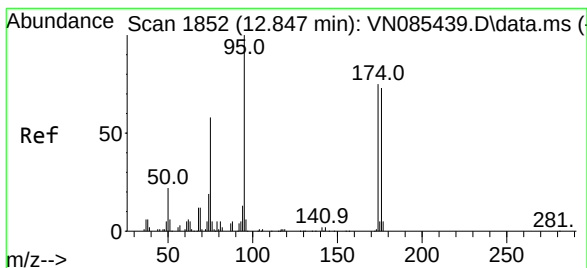
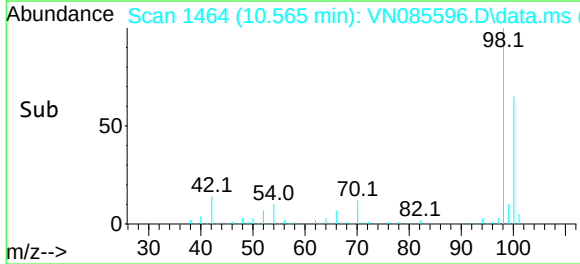
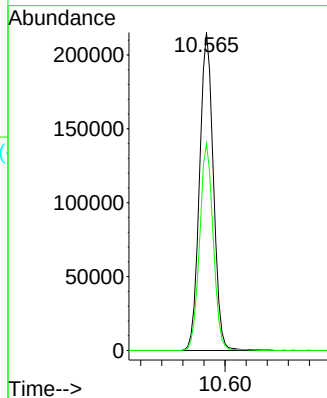
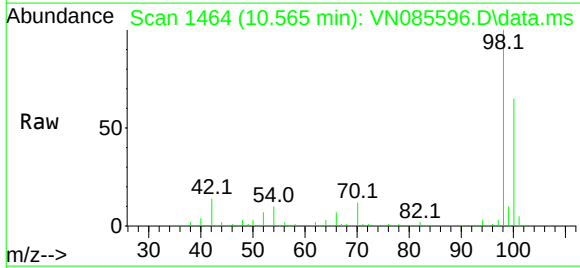
IBLK

Tgt Ion: 98 Resp: 391320

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 44.391 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085596.D

Acq: 31 Jan 2025 12:51

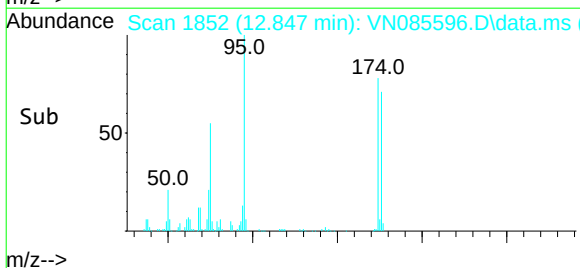
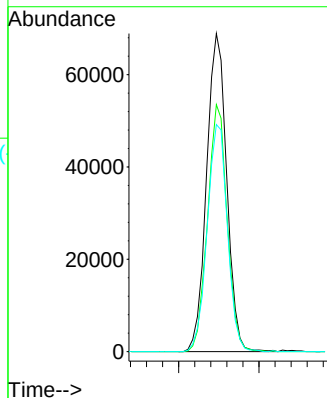
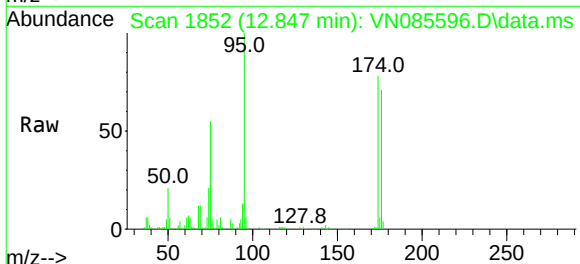
Tgt Ion: 95 Resp: 119817

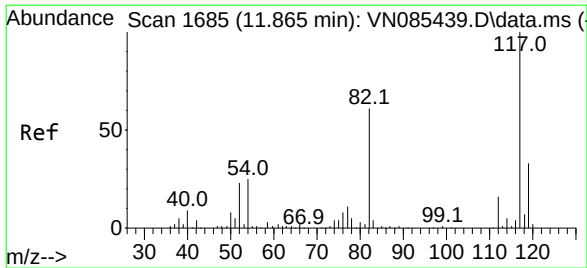
Ion Ratio Lower Upper

95 100

174 75.7 0.0 145.0

176 71.6 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN085596.D

Acq: 31 Jan 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

IBLK

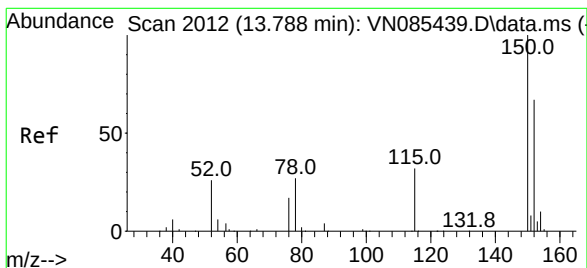
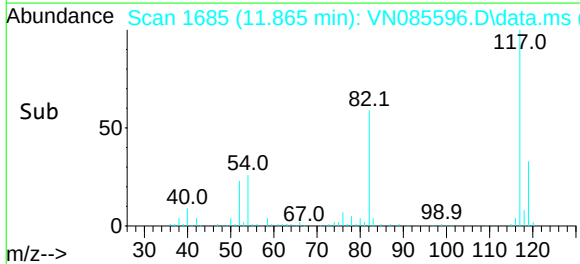
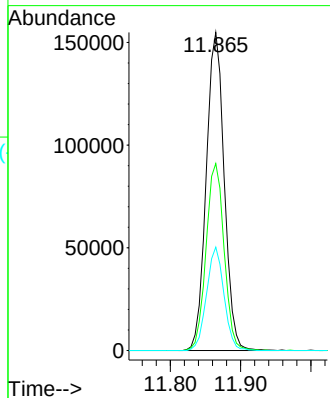
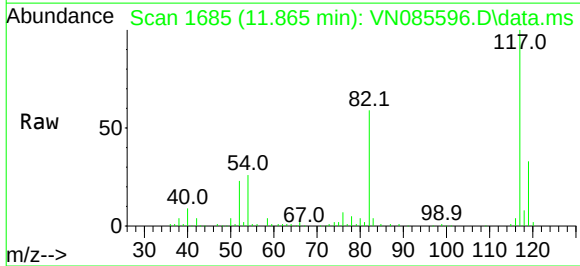
Tgt Ion:117 Resp: 275585

Ion Ratio Lower Upper

117 100

82 58.8 48.6 72.8

119 32.5 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: VN085596.D

Acq: 31 Jan 2025 12:51

Tgt Ion:152 Resp: 103250

Ion Ratio Lower Upper

152 100

115 62.9 31.1 93.3

150 159.7 0.0 343.6

