

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085488.D
 Acq On : 17 Jan 2025 12:48
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 17 22:33:53 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	180665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156453	53.648	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.300%		
35) Dibromofluoromethane	8.159	113	117398	52.081	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.160%		
50) Toluene-d8	10.565	98	399367	49.866	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.740%		
62) 4-Bromofluorobenzene	12.847	95	123736	45.165	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 90.340%		

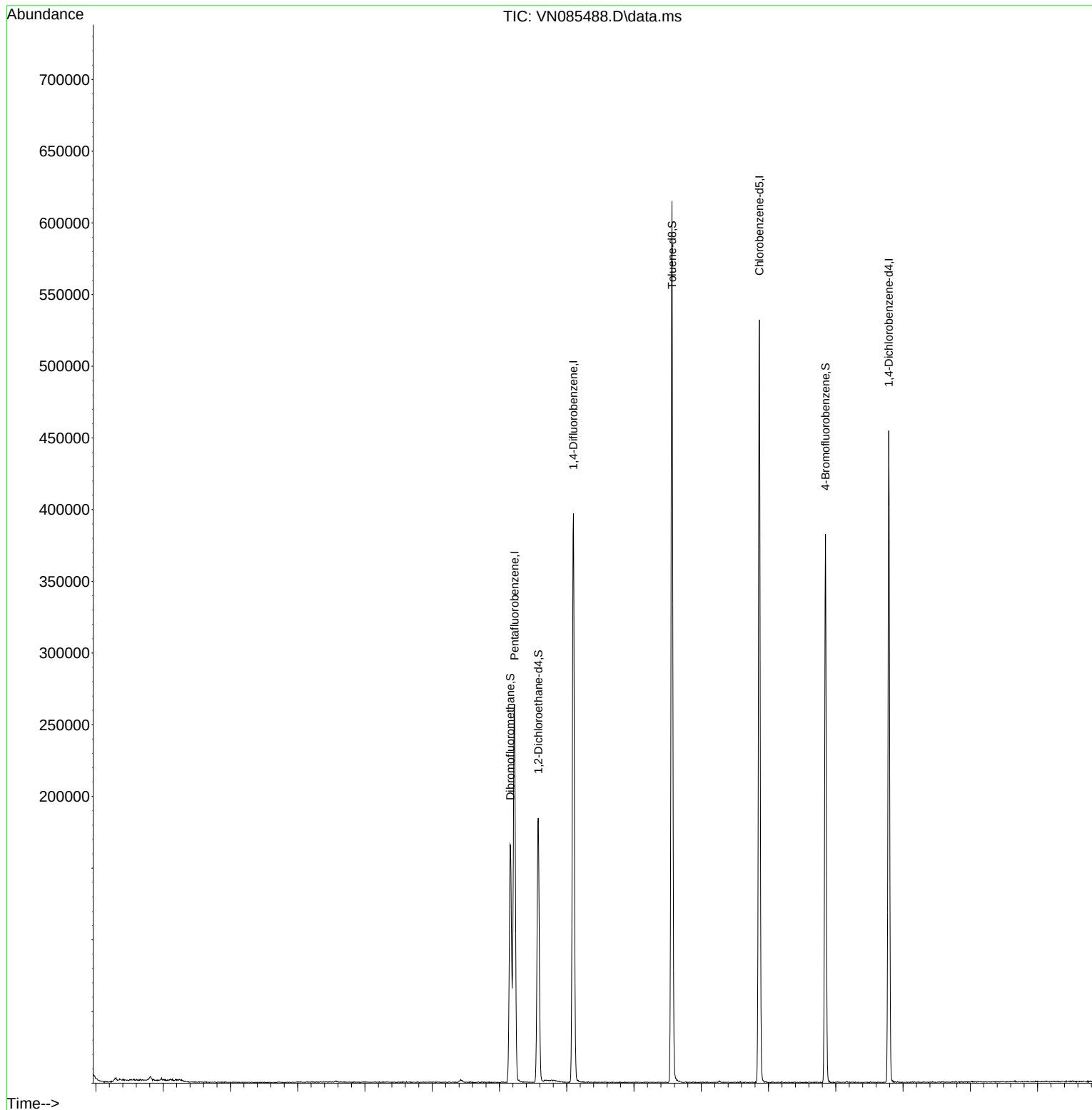
Target Compounds Qvalue

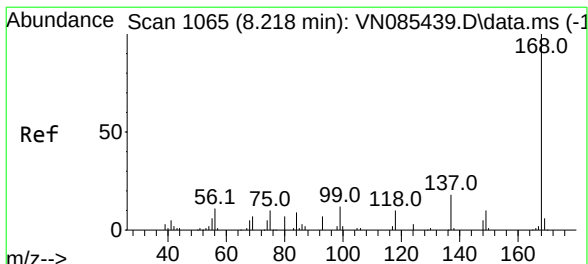
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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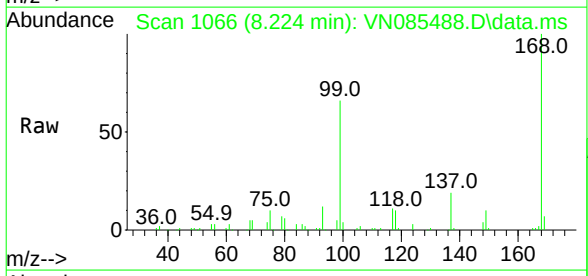
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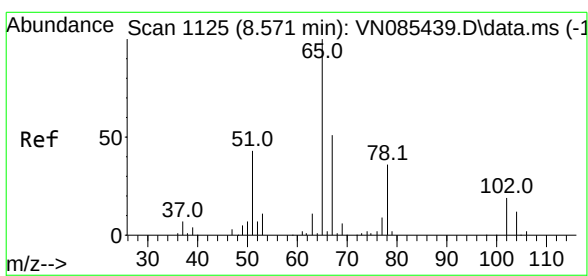
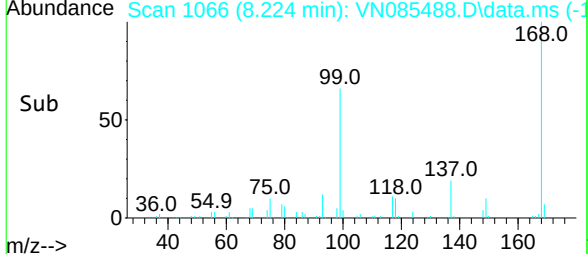
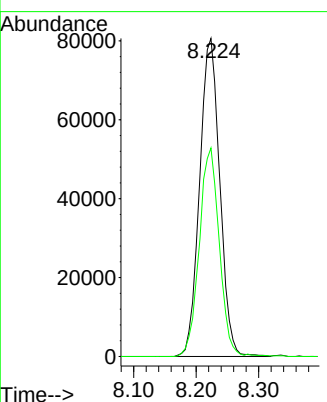
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085488.D
 Acq: 17 Jan 2025 12:48

Instrument : MSVOA_N
 ClientSampleId : IBLK



Tgt Ion: 168 Resp: 180665

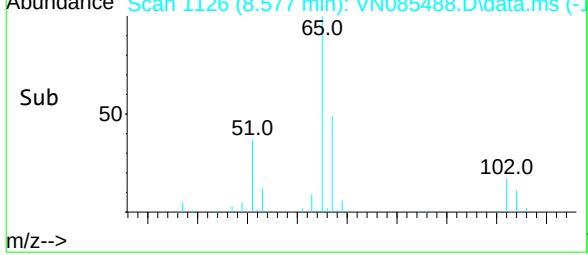
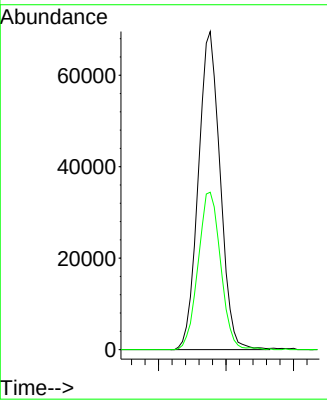
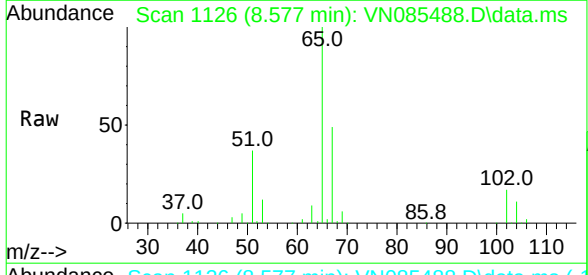
Ion	Ratio	Lower	Upper
168	100		
99	65.6	53.6	80.4

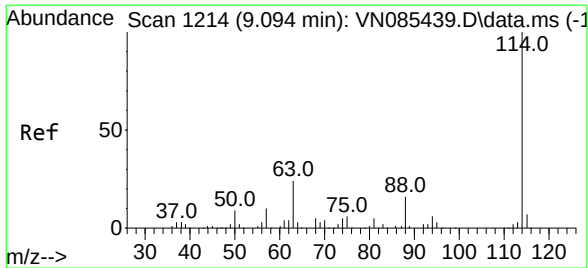


#33
 1,2-Dichloroethane-d4
 Concen: 53.648 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085488.D
 Acq: 17 Jan 2025 12:48

Tgt Ion: 65 Resp: 156453

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.6

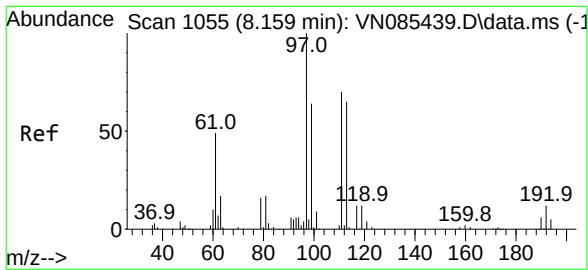
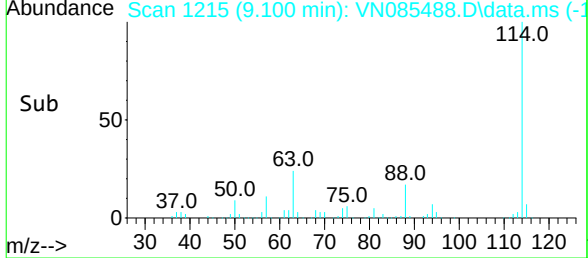
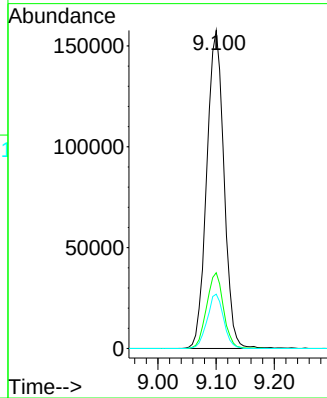
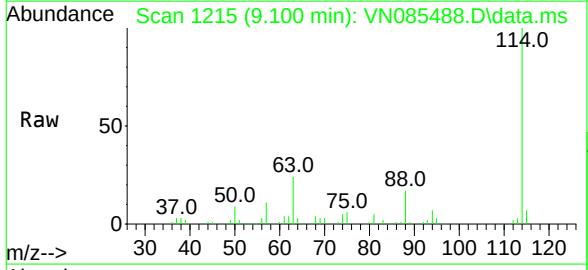




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085488.D
 Acq: 17 Jan 2025 12:48

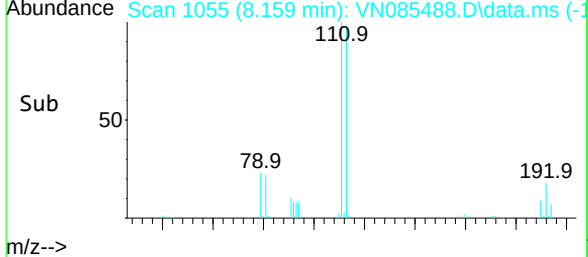
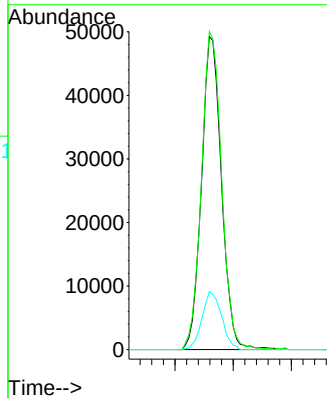
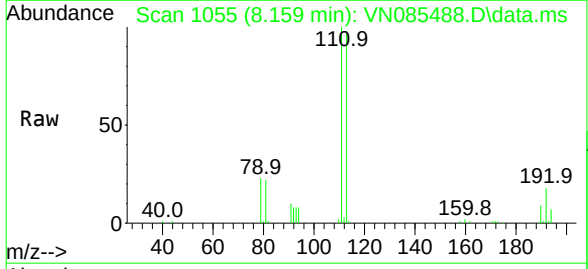
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

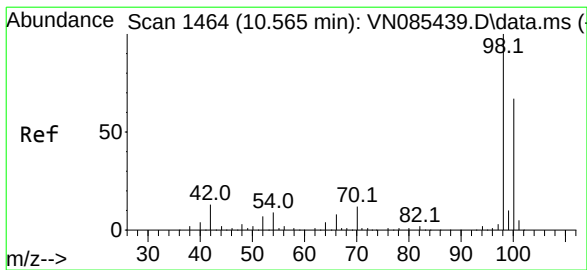
Tgt Ion:	114	Resp:	324917
Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	47.6
88	17.1	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 52.081 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085488.D
 Acq: 17 Jan 2025 12:48

Tgt Ion:	113	Resp:	117398
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	18.1	14.3	21.5





#50

Toluene-d8

Concen: 49.866 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085488.D

Acq: 17 Jan 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

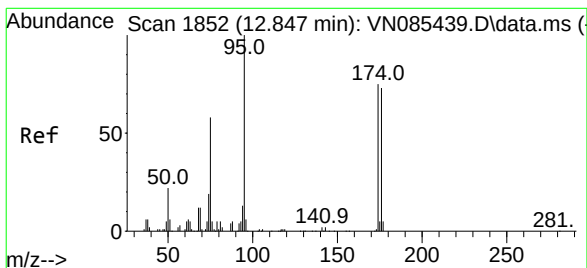
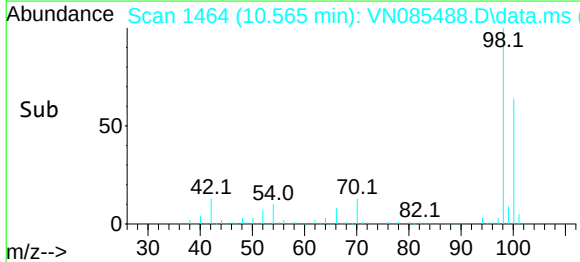
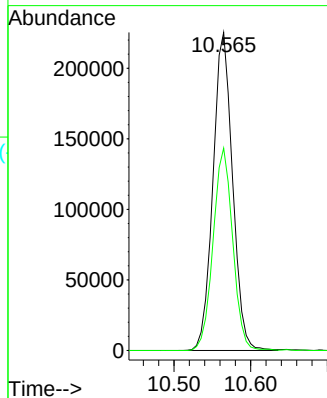
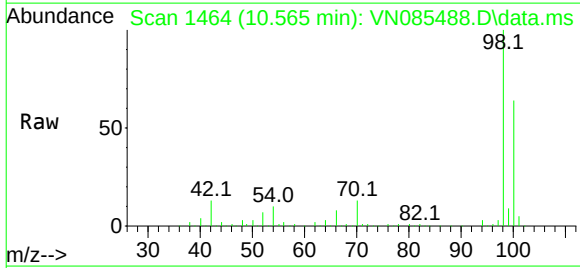
IBLK

Tgt Ion: 98 Resp: 399367

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.165 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085488.D

Acq: 17 Jan 2025 12:48

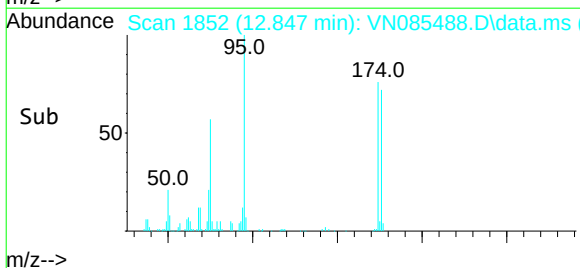
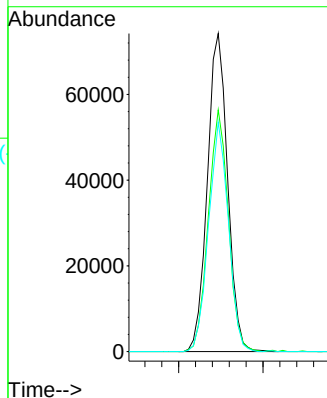
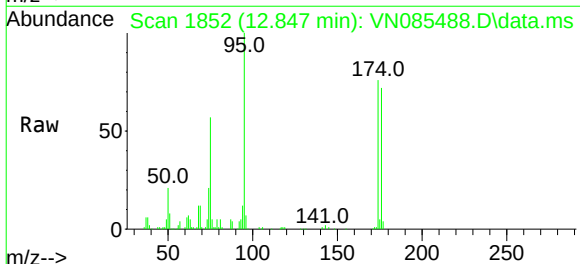
Tgt Ion: 95 Resp: 123736

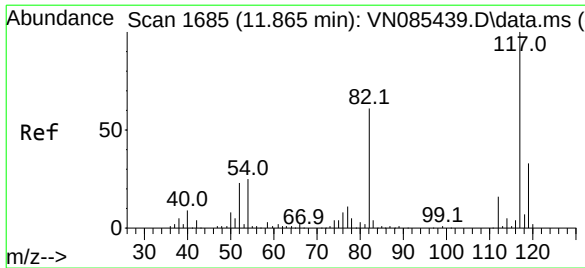
Ion Ratio Lower Upper

95 100

174 75.2 0.0 145.0

176 70.5 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: VN085488.D

Acq: 17 Jan 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

IBLK

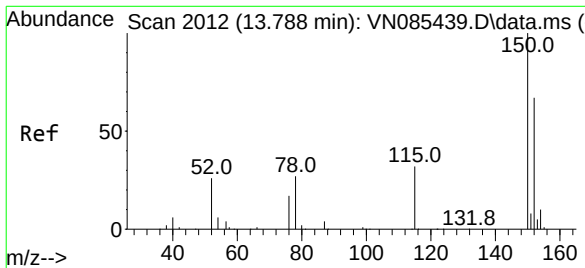
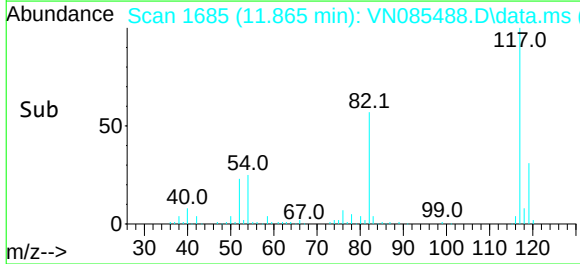
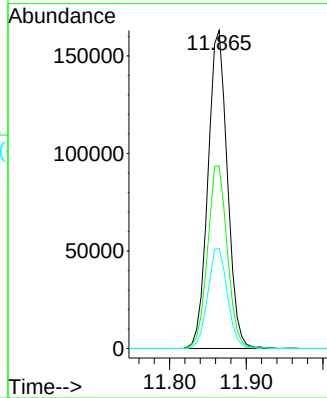
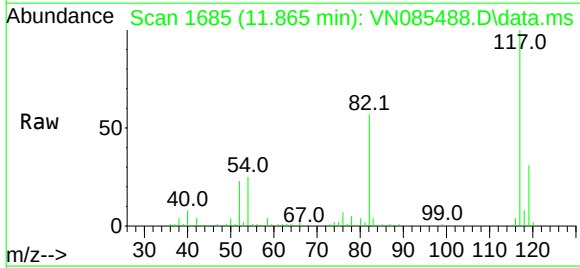
Tgt Ion:117 Resp: 286523

Ion Ratio Lower Upper

117 100

82 57.4 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: VN085488.D

Acq: 17 Jan 2025 12:48

Tgt Ion:152 Resp: 114971

Ion Ratio Lower Upper

152 100

115 63.2 31.1 93.3

150 158.2 0.0 343.6

