

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085583.D
 Acq On : 30 Jan 2025 16:42
 Operator : JC\MD
 Sample : Q1211-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TPHHA-MW01-012825-00-T4

Quant Time: Jan 31 02:37:21 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	161216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149682	57.518	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.040%
35) Dibromofluoromethane	8.165	113	115050	53.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.980%
50) Toluene-d8	10.565	98	375322	49.573	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.847	95	114559	44.233	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.460%

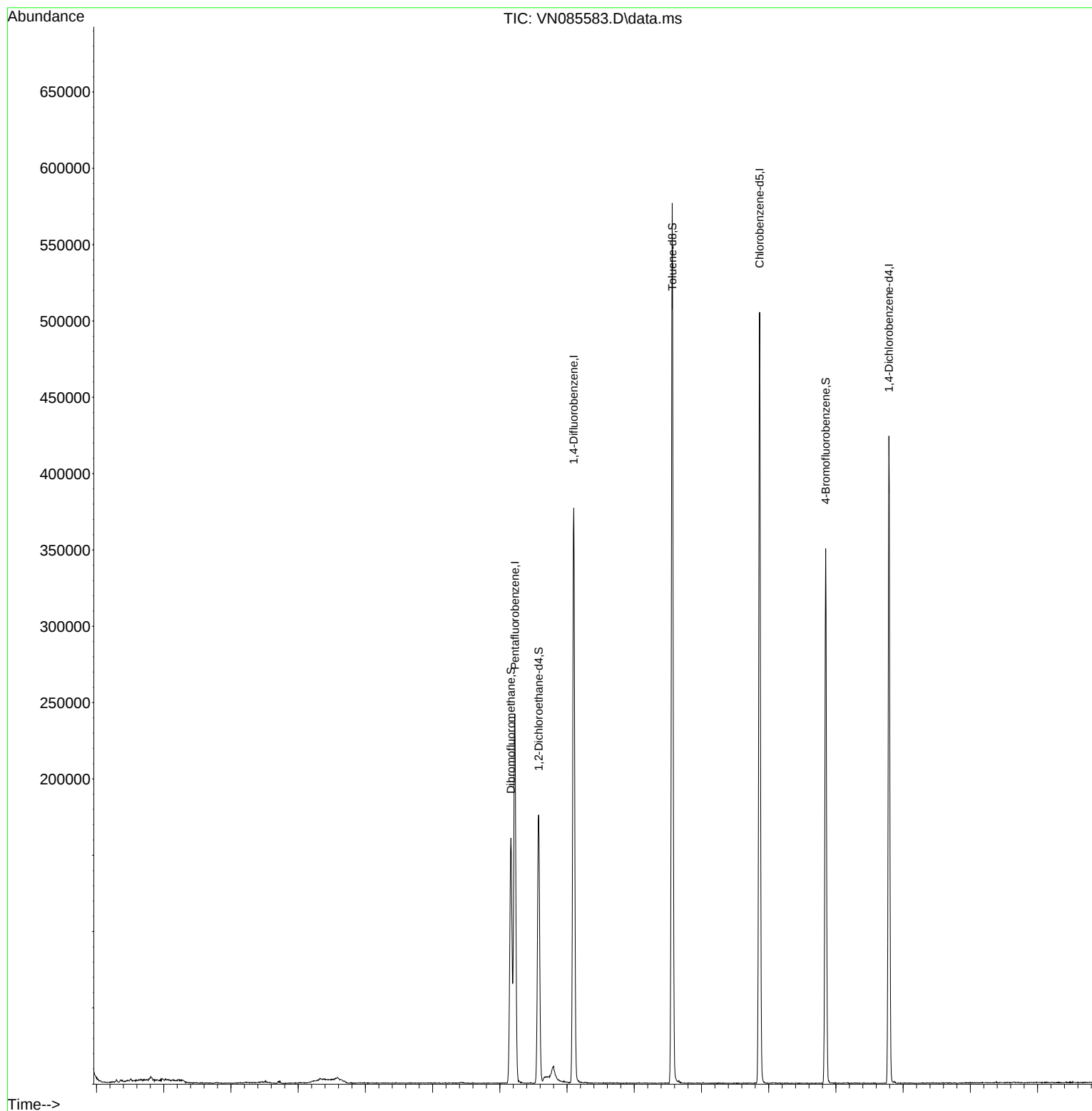
Target Compounds Qvalue

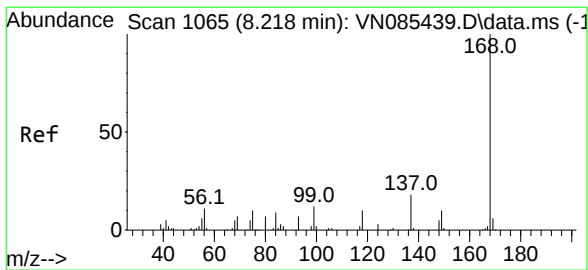
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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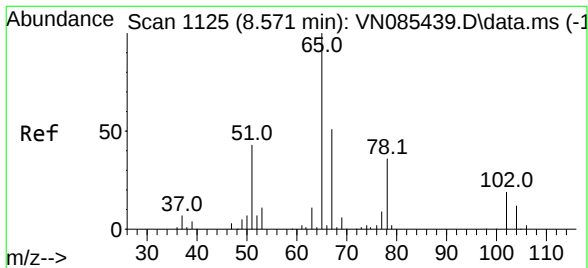
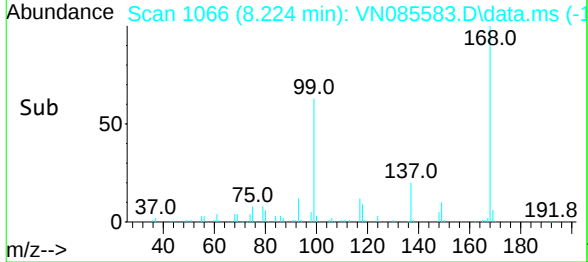
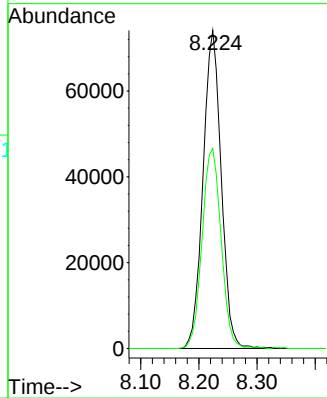
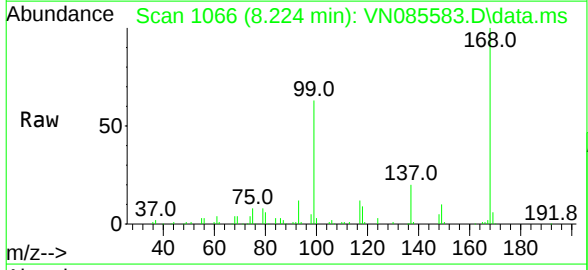




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

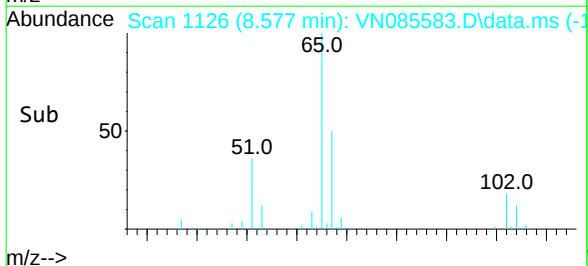
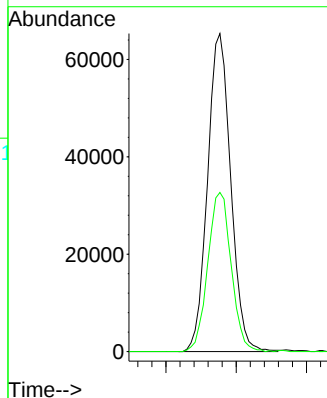
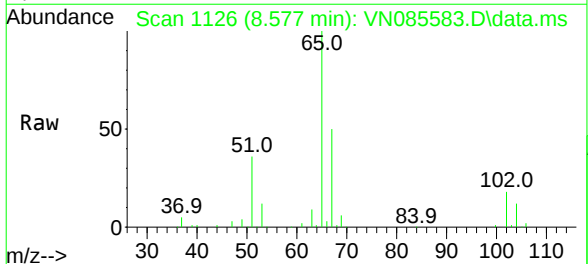
Instrument :
MSVOA_N
ClientSampleId :
TPHHA-MW01-012825-00-T4

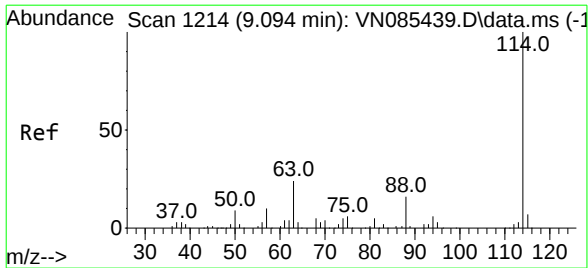
Tgt Ion:168 Resp: 161216
Ion Ratio Lower Upper
168 100
99 62.9 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 57.518 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

Tgt Ion: 65 Resp: 149682
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6

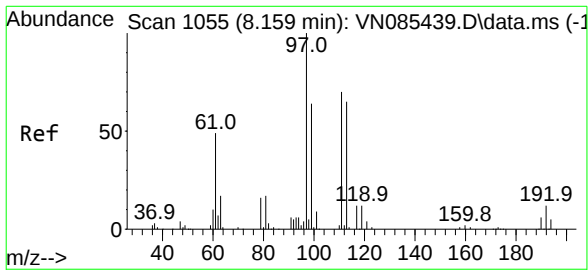
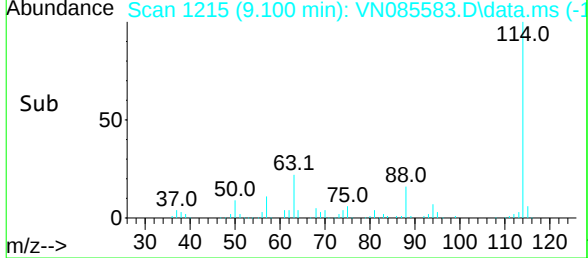
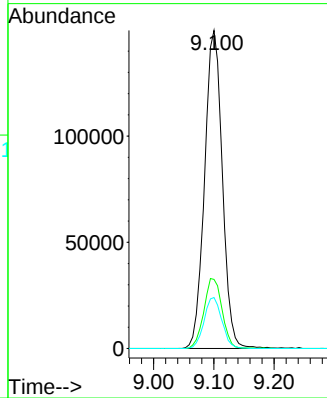
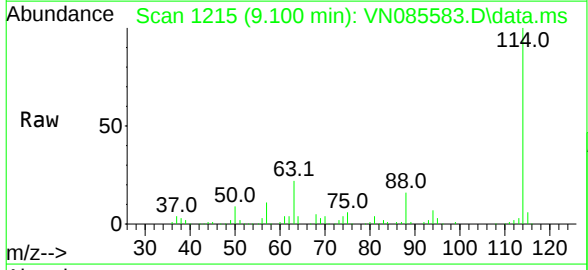




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

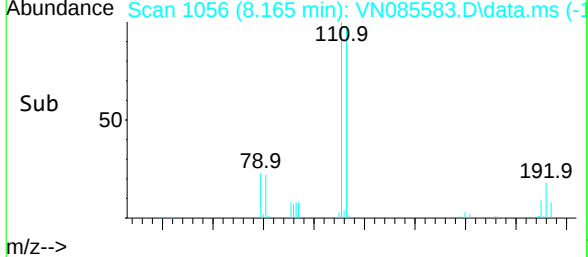
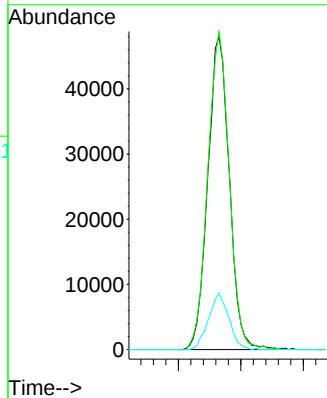
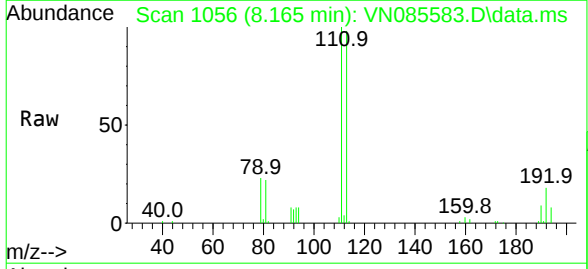
Instrument :
MSVOA_N
ClientSampleId :
TPHHA-MW01-012825-00-T4

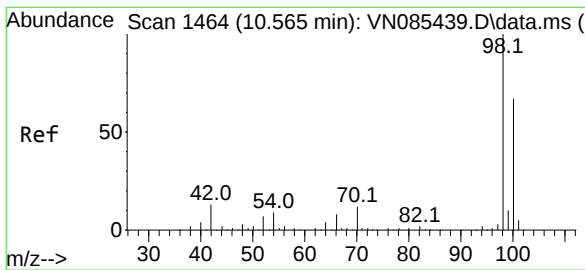
Tgt Ion:	114	Resp:	307158
Ion Ratio	Lower	Upper	
114	100		
63	21.7	0.0	47.6
88	16.0	0.0	32.6



#35
Dibromofluoromethane
Concen: 53.991 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

Tgt Ion:	113	Resp:	115050
Ion Ratio	Lower	Upper	
113	100		
111	101.2	82.7	124.1
192	17.0	14.3	21.5





#50

Toluene-d8

Concen: 49.573 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085583.D

Acq: 30 Jan 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

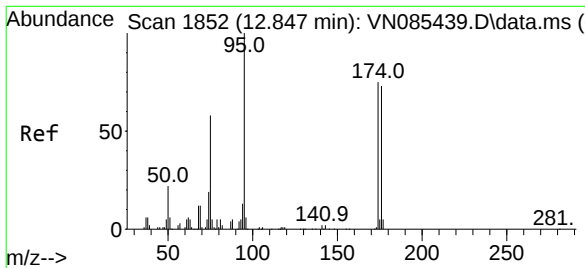
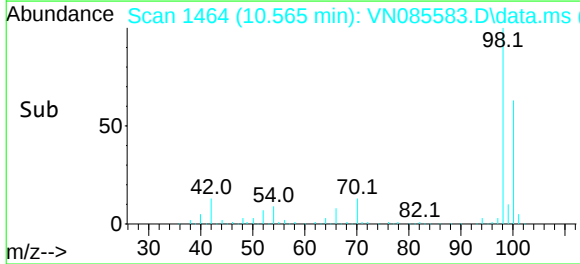
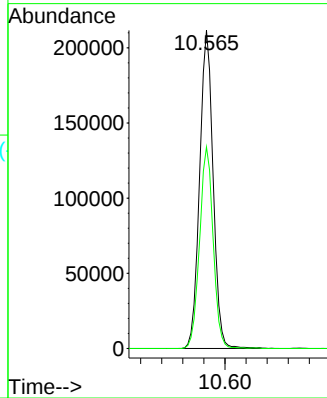
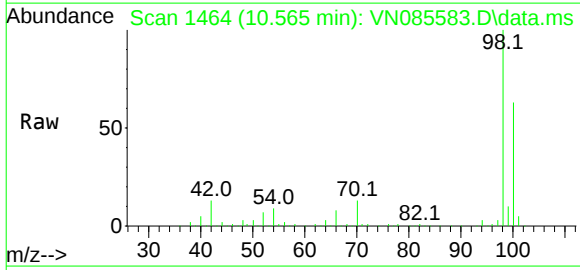
TPHHA-MW01-012825-00-T4

Tgt Ion: 98 Resp: 375322

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 44.233 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085583.D

Acq: 30 Jan 2025 16:42

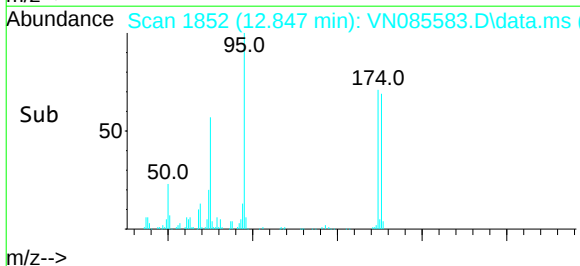
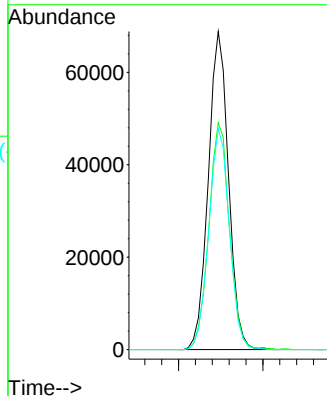
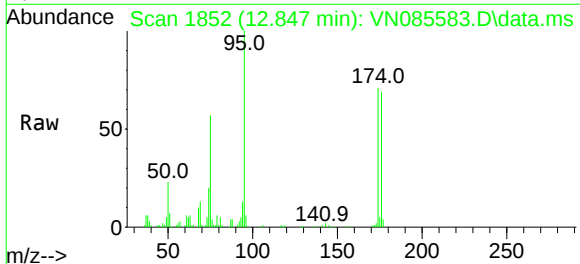
Tgt Ion: 95 Resp: 114559

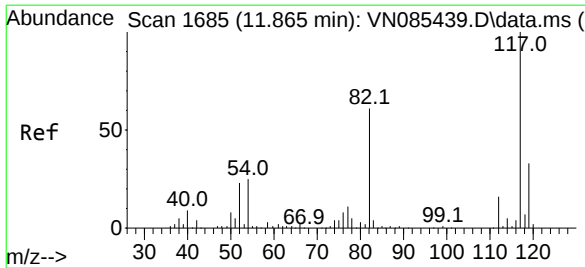
Ion Ratio Lower Upper

95 100

174 73.0 0.0 145.0

176 70.9 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: VN085583.D

Acq: 30 Jan 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

TPHHA-MW01-012825-00-T4

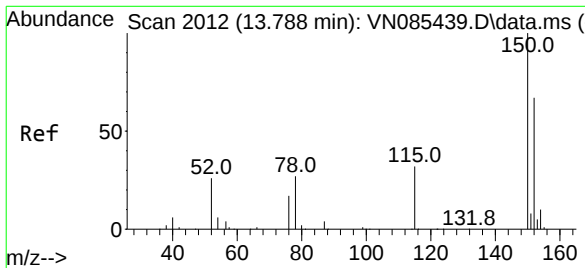
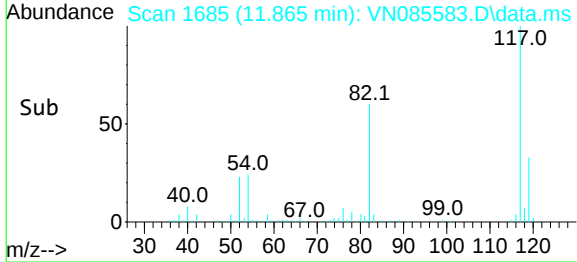
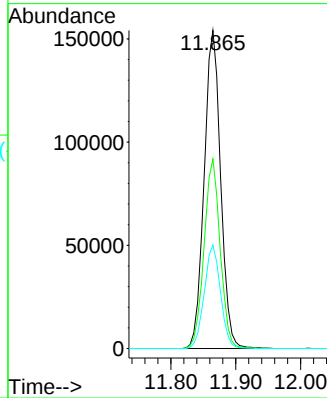
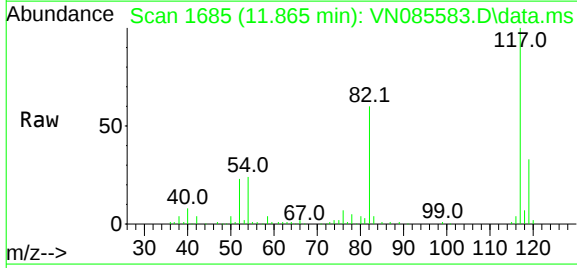
Tgt Ion:117 Resp: 271574

Ion Ratio Lower Upper

117 100

82 59.6 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: VN085583.D

Acq: 30 Jan 2025 16:42

Tgt Ion:152 Resp: 106487

Ion Ratio Lower Upper

152 100

115 62.4 31.1 93.3

150 158.3 0.0 343.6

