

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085474.D
 Acq On : 16 Jan 2025 16:57
 Operator : JC\MD
 Sample : Q1060-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Jan 17 01:07:10 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	172349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	154661	55.592	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.180%
35) Dibromofluoromethane	8.165	113	112895	51.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.240%
50) Toluene-d8	10.565	98	383264	49.321	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.847	95	125750	47.307	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.620%

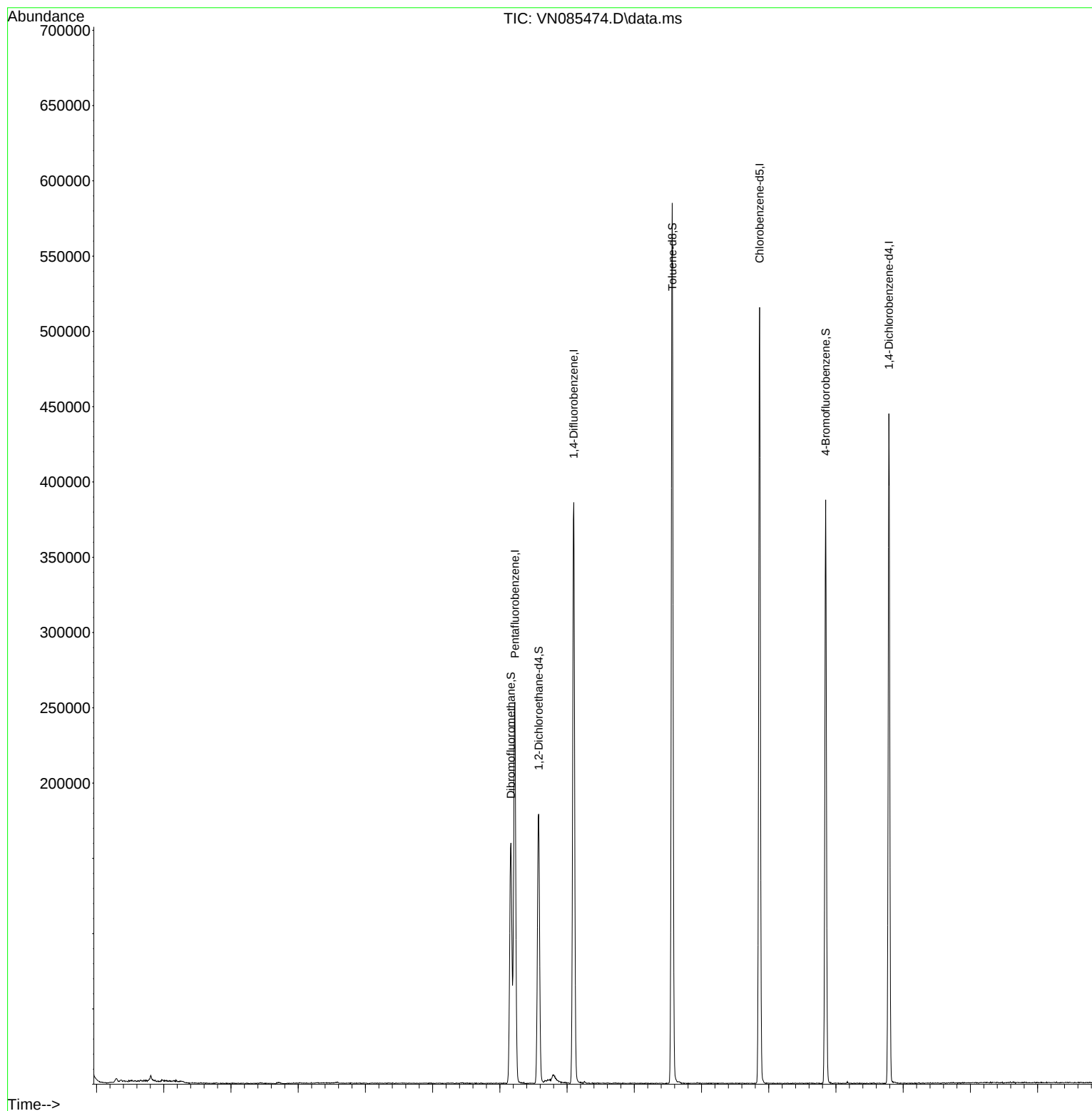
Target Compounds Qvalue

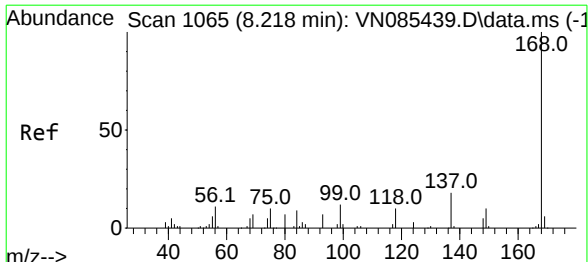
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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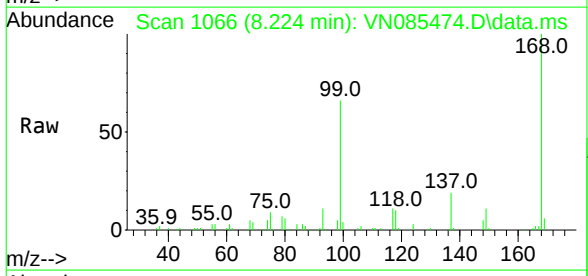
Quant Time: Jan 17 01:07:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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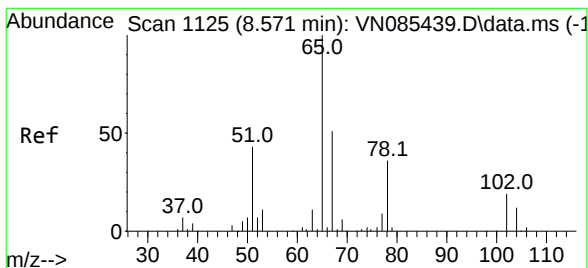
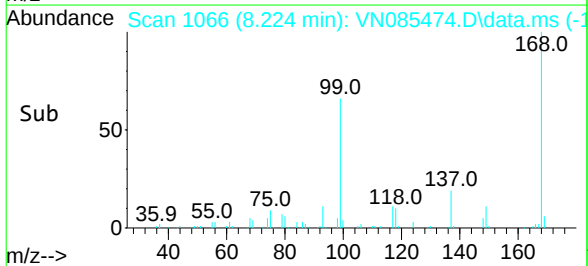
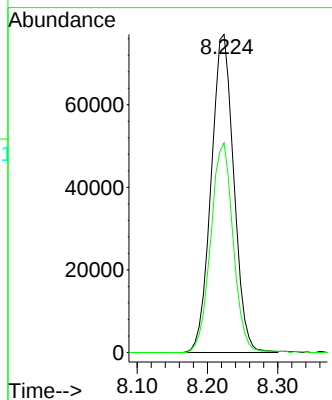


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085474.D
 Acq: 16 Jan 2025 16:57

Instrument : MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

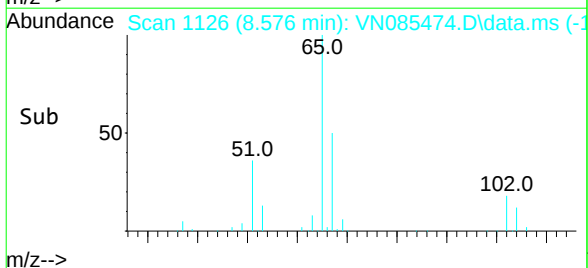
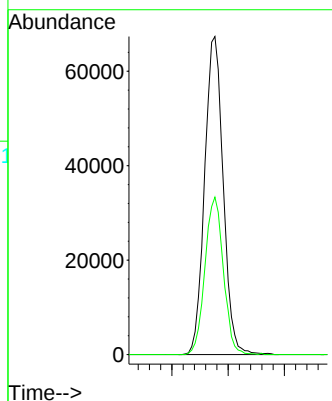
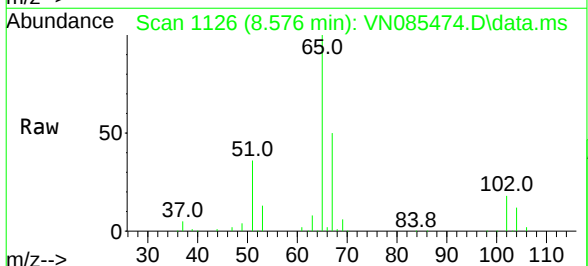


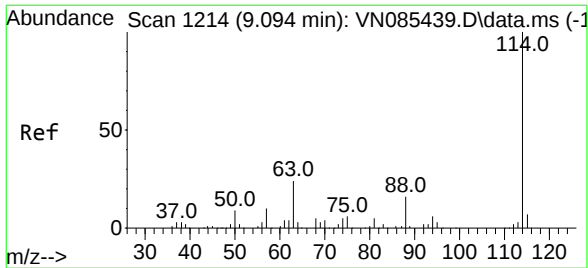
Tgt Ion:168 Resp: 172349
 Ion Ratio Lower Upper
 168 100
 99 65.9 53.6 80.4



#33
 1,2-Dichloroethane-d4
 Concen: 55.592 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085474.D
 Acq: 16 Jan 2025 16:57

Tgt Ion: 65 Resp: 154661
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 101.6

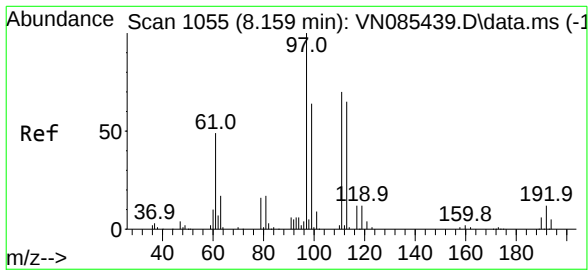
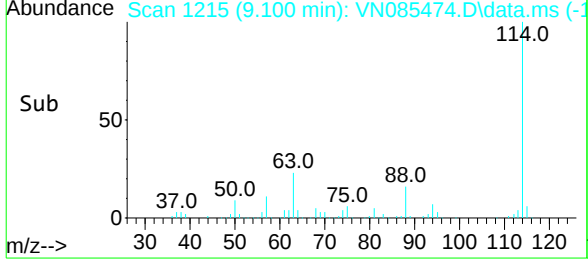
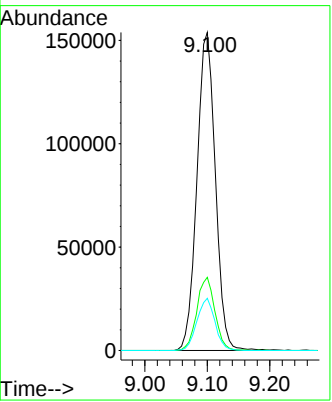
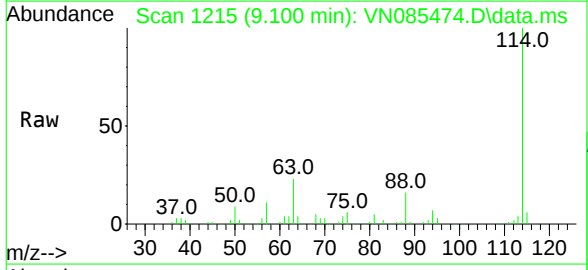




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085474.D
 Acq: 16 Jan 2025 16:57

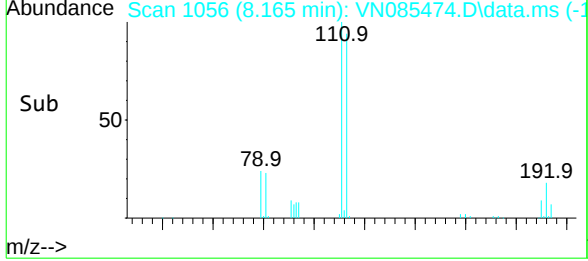
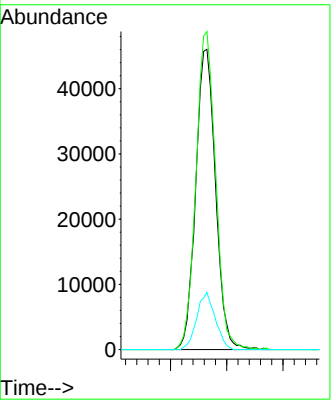
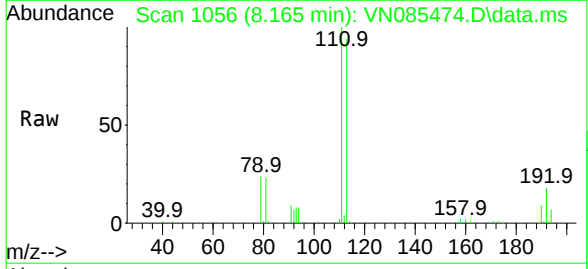
Instrument : MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

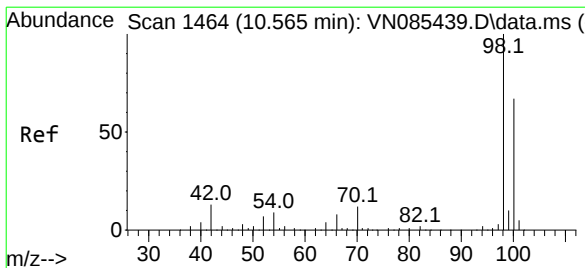
Tgt Ion:	114	Resp:	315259
Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	47.6
88	16.4	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.618 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085474.D
 Acq: 16 Jan 2025 16:57

Tgt Ion:	113	Resp:	112895
Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.7	124.1
192	17.8	14.3	21.5





#50

Toluene-d8

Concen: 49.321 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085474.D

Acq: 16 Jan 2025 16:57

Instrument :

MSVOA_N

ClientSampleId :

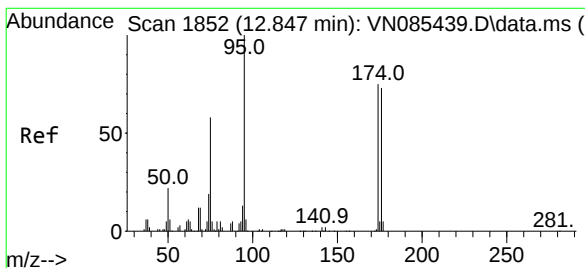
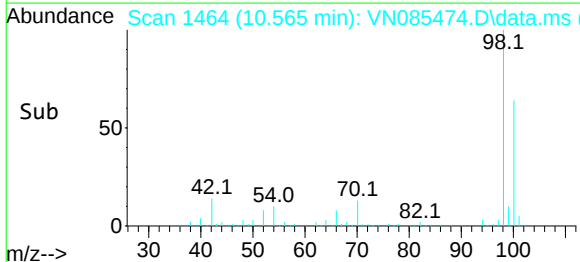
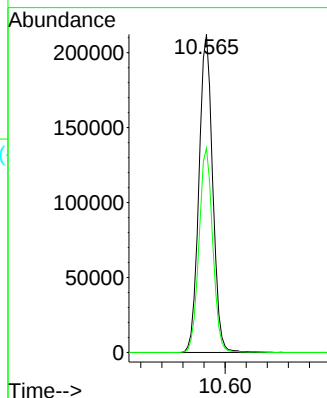
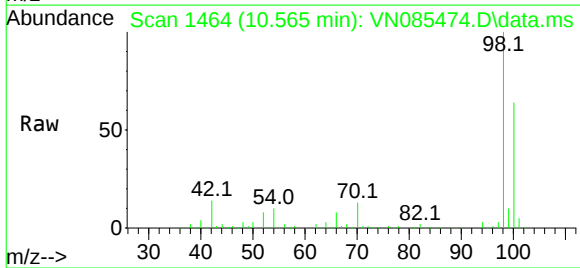
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 383264

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 47.307 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085474.D

Acq: 16 Jan 2025 16:57

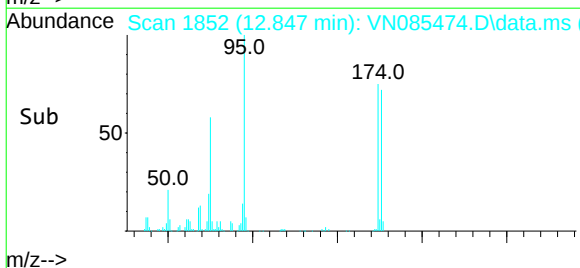
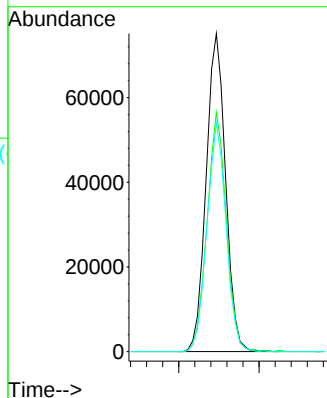
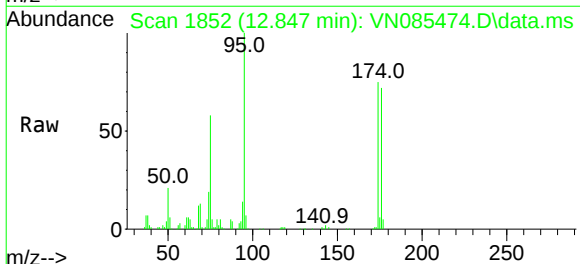
Tgt Ion: 95 Resp: 125750

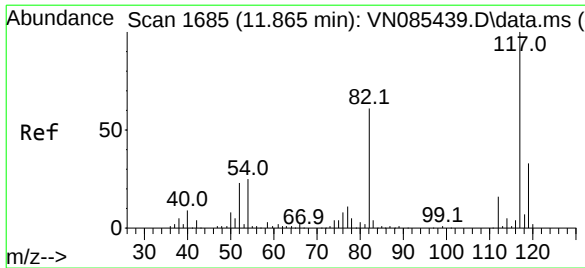
Ion Ratio Lower Upper

95 100

174 75.0 0.0 145.0

176 71.0 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: VN085474.D

Acq: 16 Jan 2025 16:57

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

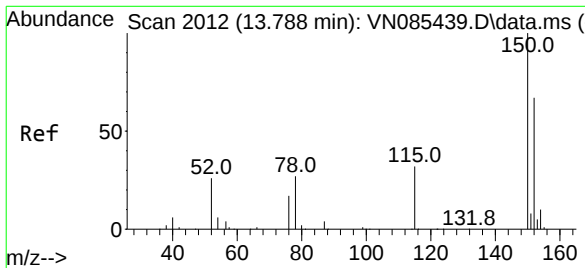
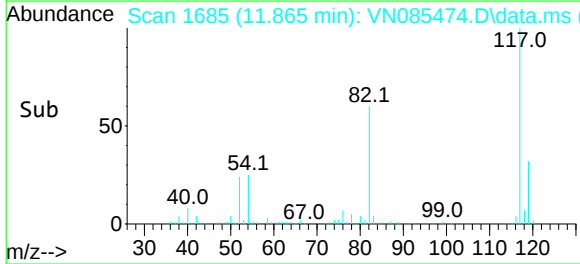
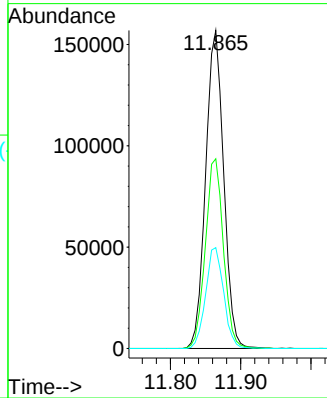
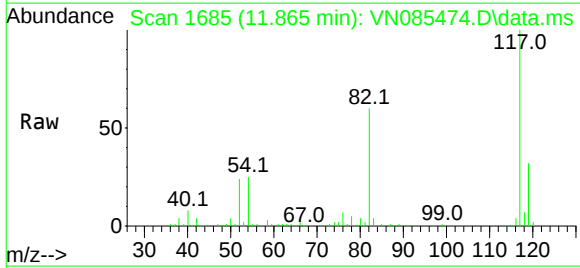
Tgt Ion:117 Resp: 279617

Ion Ratio Lower Upper

117 100

82 59.7 48.6 72.8

119 31.7 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: VN085474.D

Acq: 16 Jan 2025 16:57

Tgt Ion:152 Resp: 110216

Ion Ratio Lower Upper

152 100

115 62.6 31.1 93.3

150 161.8 0.0 343.6

