

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010625\
 Data File : VN085382.D
 Acq On : 06 Jan 2025 11:58
 Operator : JC\MD
 Sample : VN0106WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106WBL01

Quant Time: Jan 07 00:20:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	154761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98662	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	137001	62.066	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	124.140%
35) Dibromofluoromethane	8.159	113	107114	58.559	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	117.120%
50) Toluene-d8	10.565	98	360963	53.777	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.560%
62) 4-Bromofluorobenzene	12.847	95	104152	46.722	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.440%

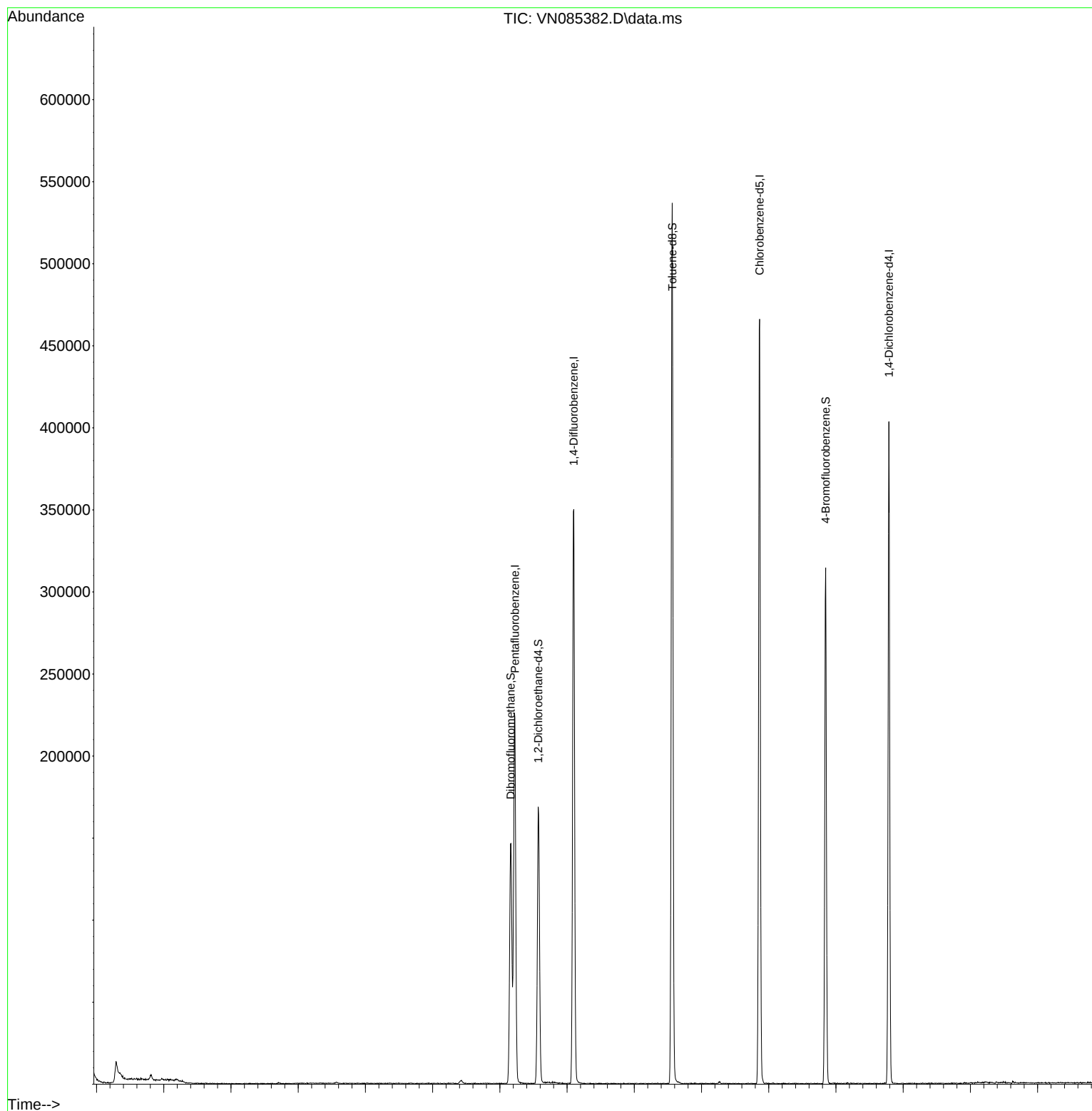
Target Compounds	Qvalue

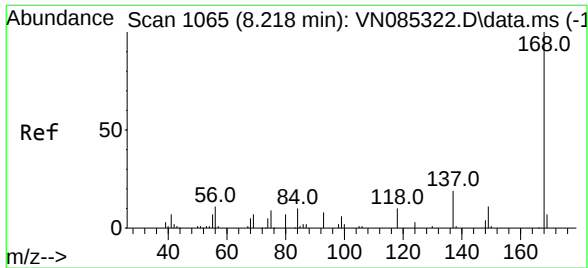
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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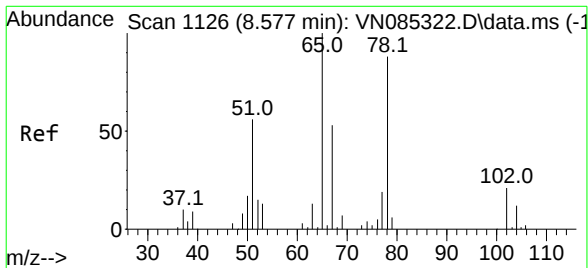
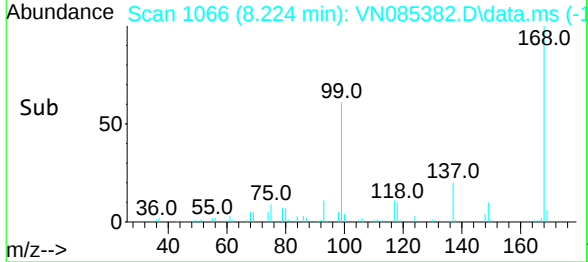
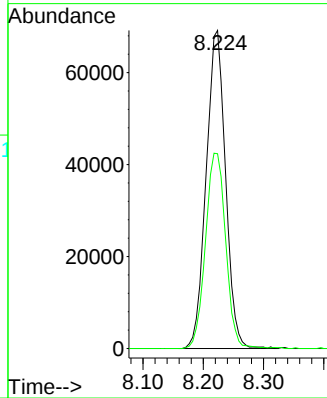
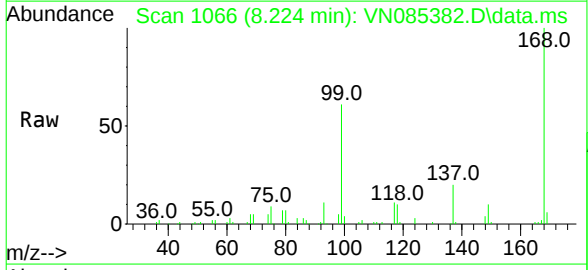




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

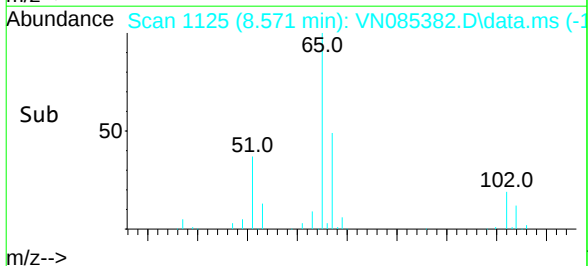
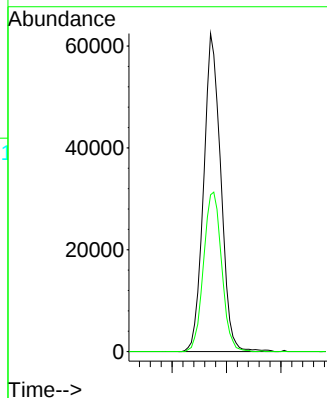
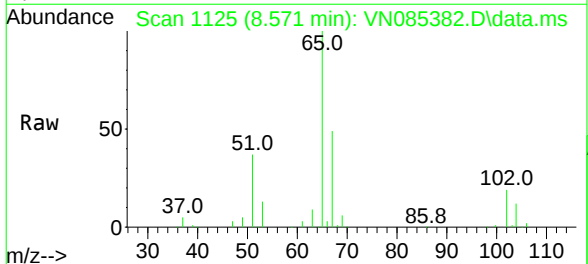
Instrument :
MSVOA_N
ClientSampleId :
VN0106WBL01

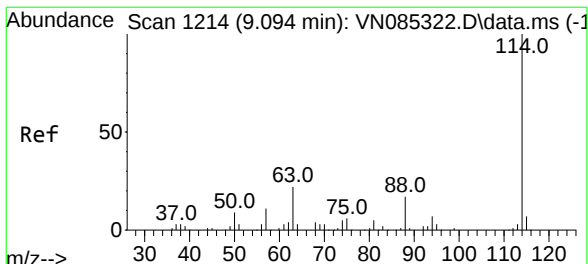
Tgt Ion:168 Resp: 154761
Ion Ratio Lower Upper
168 100
99 61.2 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 62.066 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

Tgt Ion: 65 Resp: 137001
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0

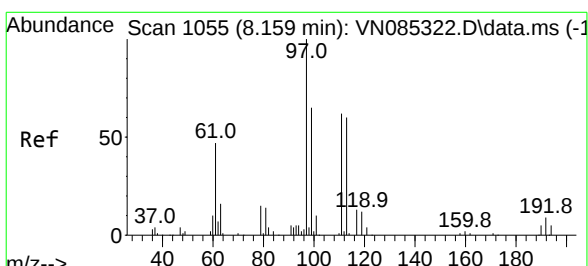
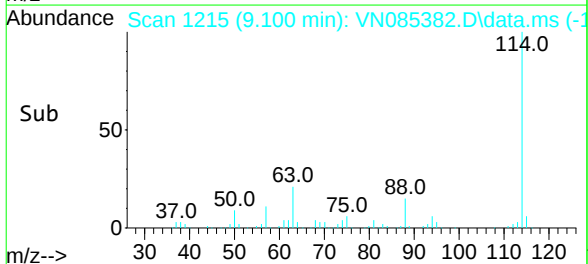
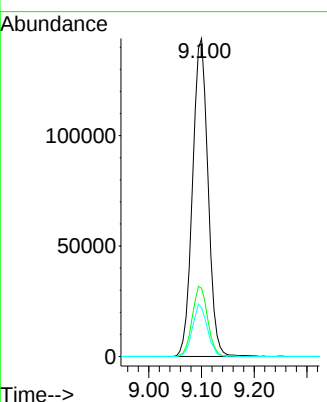
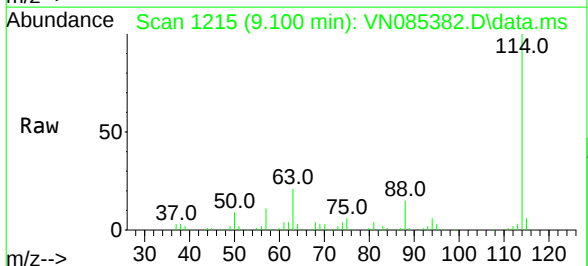




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085382.D
 Acq: 06 Jan 2025 11:58

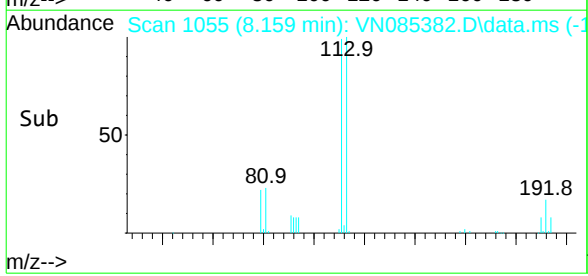
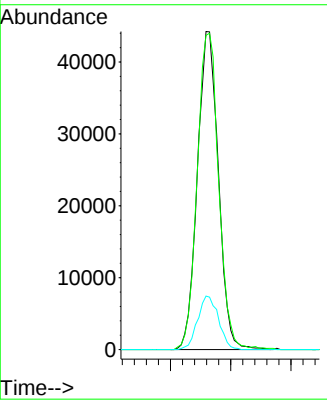
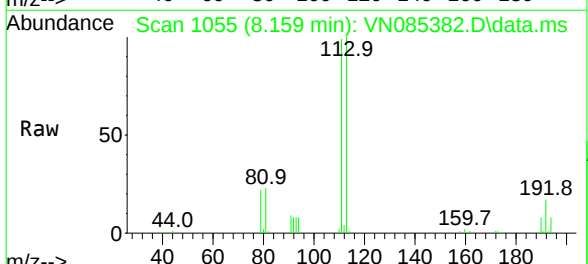
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106WBL01

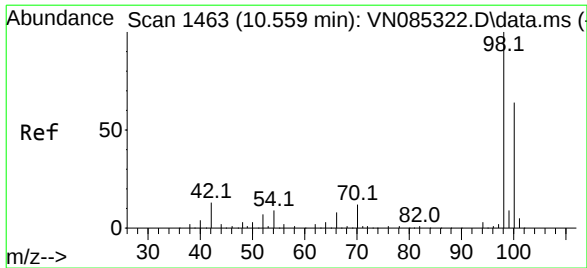
Tgt Ion:	114	Resp:	293203
Ion Ratio	Lower	Upper	
114	100		
63	21.5	0.0	43.4
88	15.3	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 58.559 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VN085382.D
 Acq: 06 Jan 2025 11:58

Tgt Ion:	113	Resp:	107114
Ion Ratio	Lower	Upper	
113	100		
111	101.7	80.5	120.7
192	16.7	12.9	19.3





#50

Toluene-d8

Concen: 53.777 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085382.D

Acq: 06 Jan 2025 11:58

Instrument :

MSVOA_N

ClientSampleId :

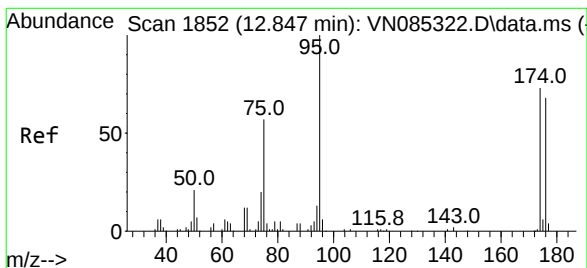
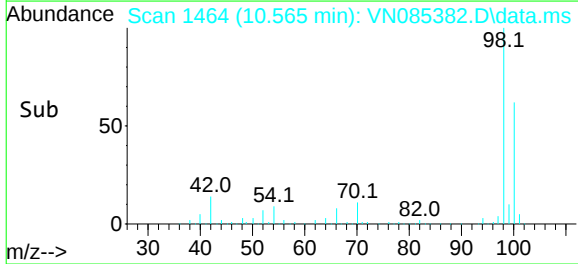
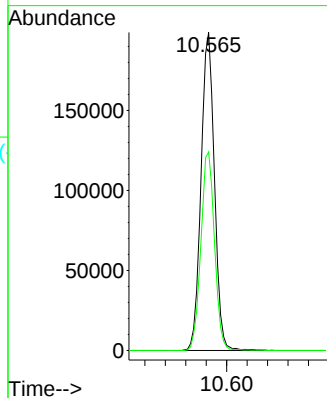
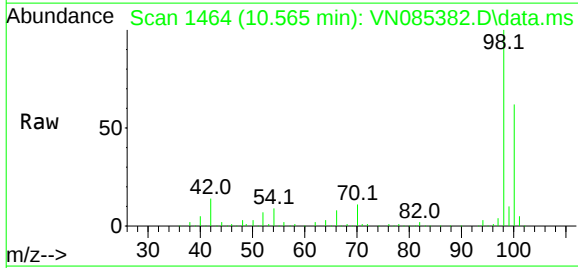
VN0106WBL01

Tgt Ion: 98 Resp: 360963

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.722 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085382.D

Acq: 06 Jan 2025 11:58

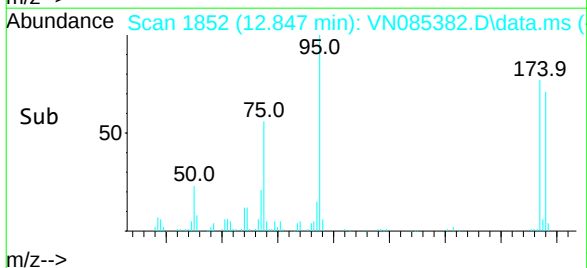
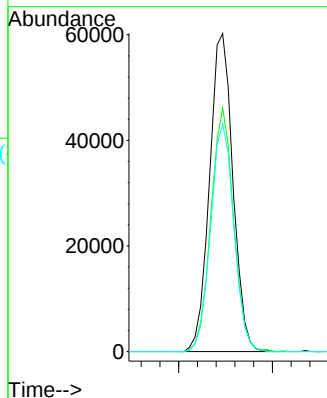
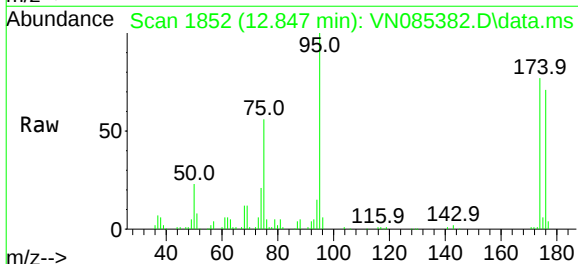
Tgt Ion: 95 Resp: 104152

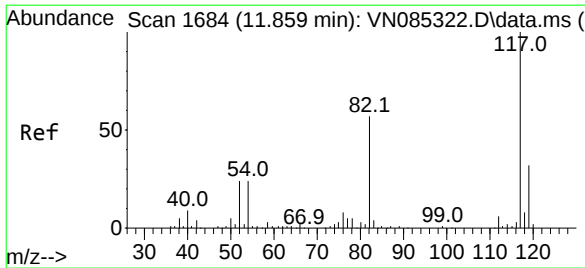
Ion Ratio Lower Upper

95 100

174 74.4 0.0 143.2

176 71.1 0.0 135.8

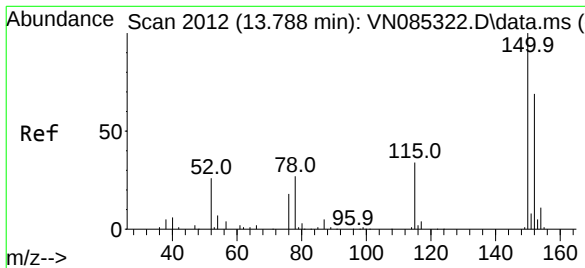
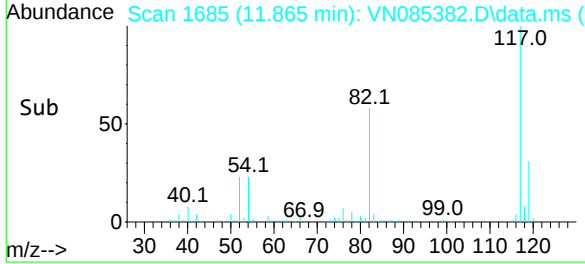
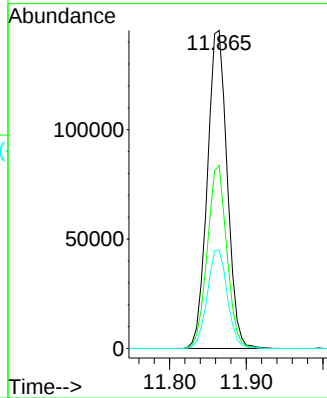
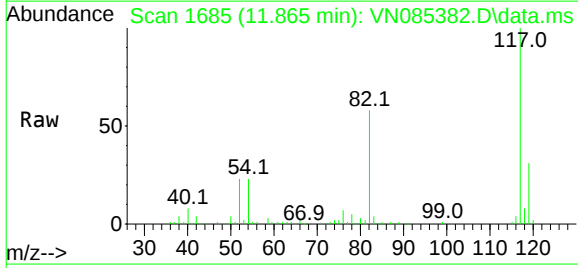




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0106WBL01

Tgt Ion:117 Resp: 261228
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 31.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085382.D
Acq: 06 Jan 2025 11:58

Tgt Ion:152 Resp: 98662
Ion Ratio Lower Upper
152 100
115 62.1 30.4 91.3
150 158.7 0.0 345.0

