

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085618.D
 Acq On : 03 Feb 2025 13:34
 Operator : JC\MD
 Sample : VN0203WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBL01

Quant Time: Feb 04 00:57:44 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	183958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	354826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	149772	50.437	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.880%
35) Dibromofluoromethane	8.165	113	124502	50.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.160%
50) Toluene-d8	10.565	98	438134	50.095	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.847	95	127520	42.623	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.240%

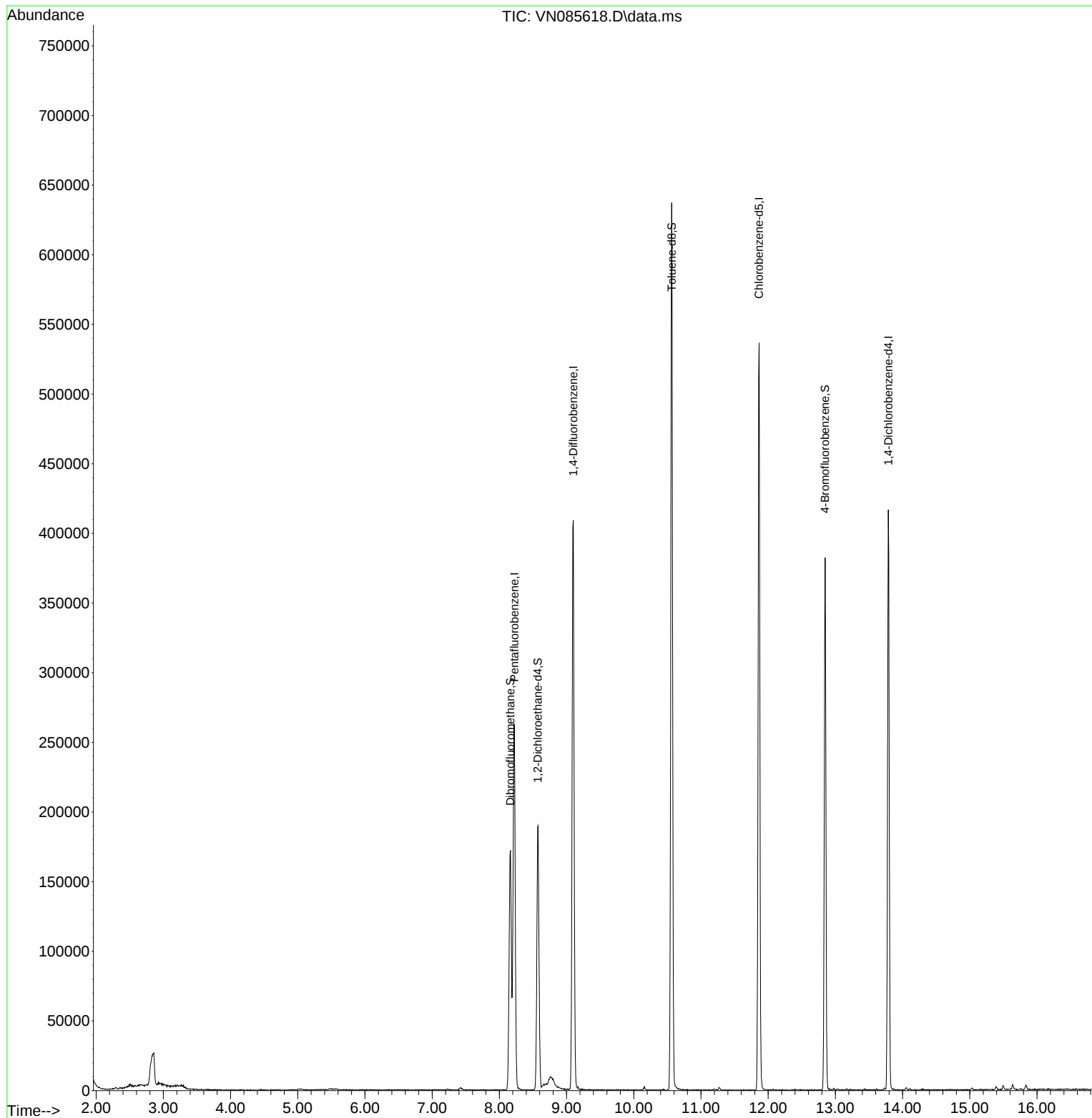
Target Compounds	Qvalue

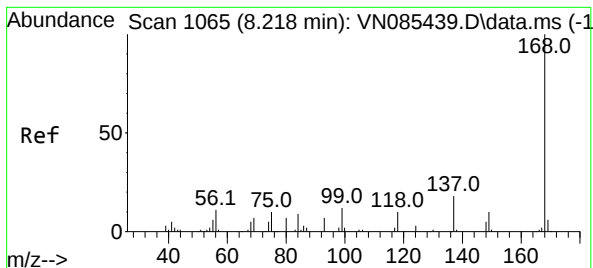
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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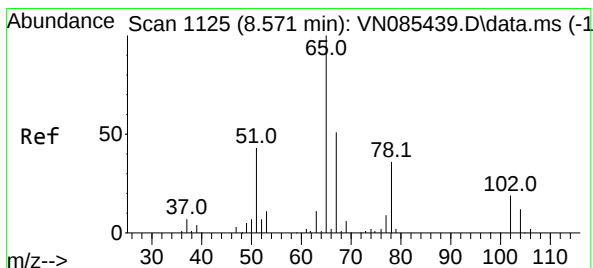
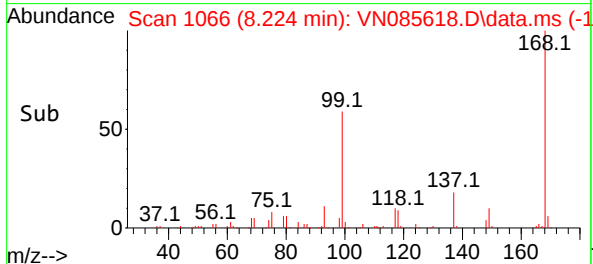
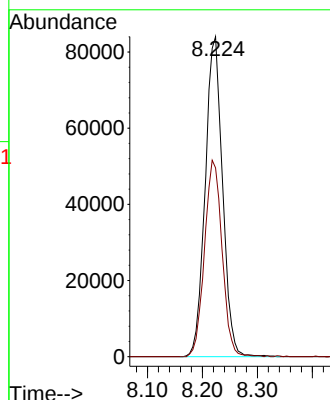
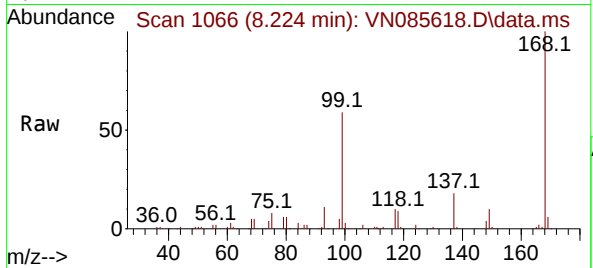




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085618.D
Acq: 03 Feb 2025 13:34

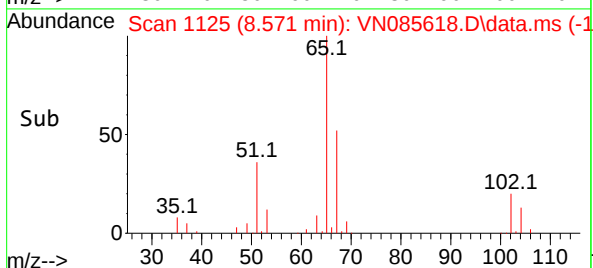
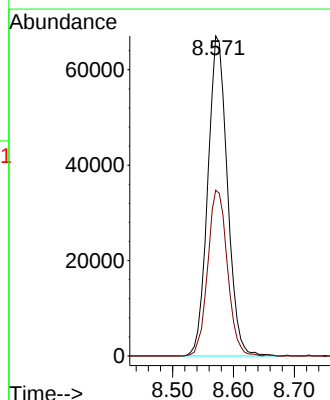
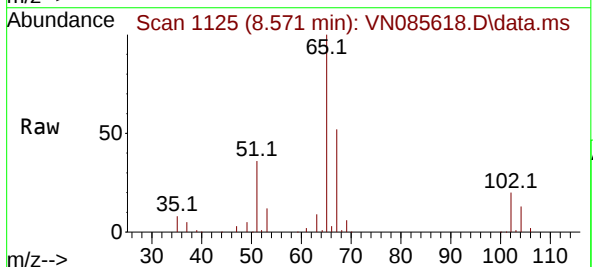
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBL01

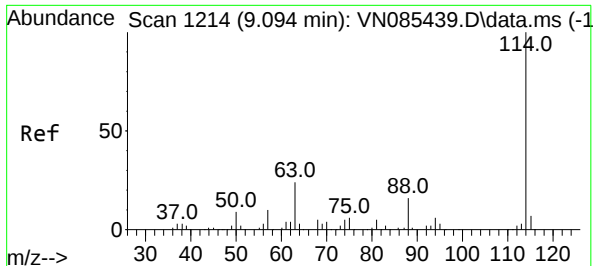
Tgt Ion:168 Resp: 183958
Ion Ratio Lower Upper
168 100
99 59.0 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 50.437 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085618.D
Acq: 03 Feb 2025 13:34

Tgt Ion: 65 Resp: 149772
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN085618.D

Acq: 03 Feb 2025 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBL01

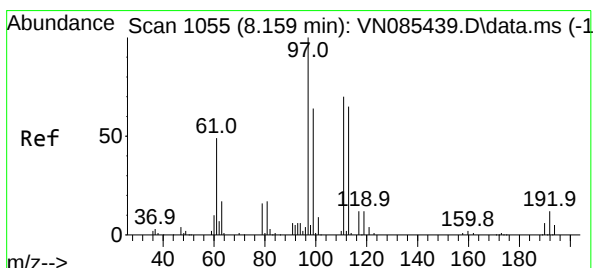
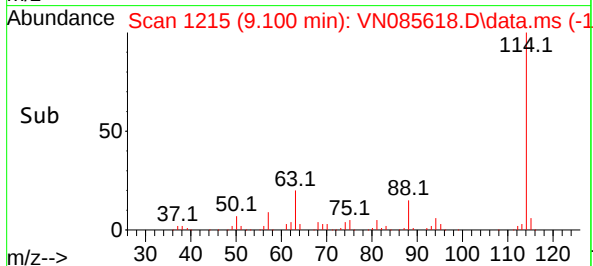
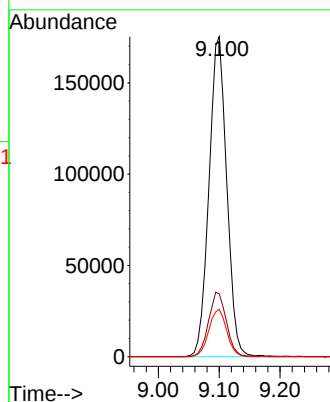
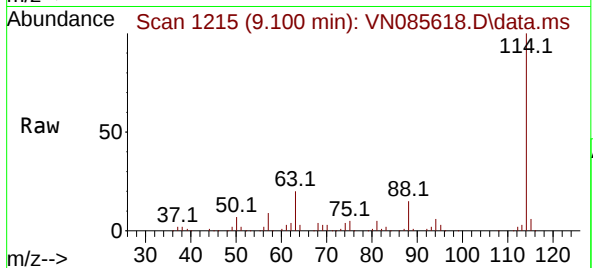
Tgt Ion:114 Resp: 354826

Ion Ratio Lower Upper

114 100

63 19.7 0.0 47.6

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.577 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085618.D

Acq: 03 Feb 2025 13:34

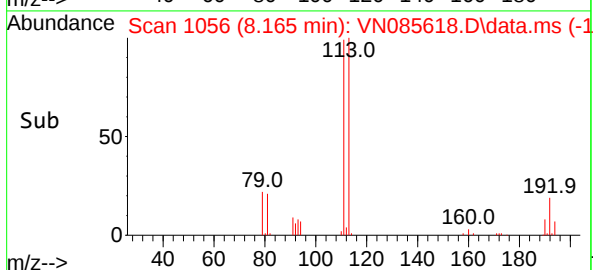
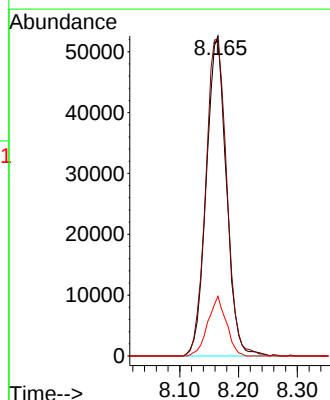
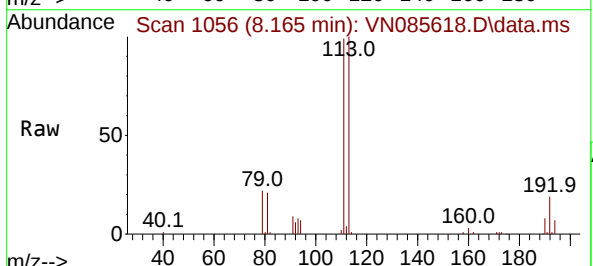
Tgt Ion:113 Resp: 124502

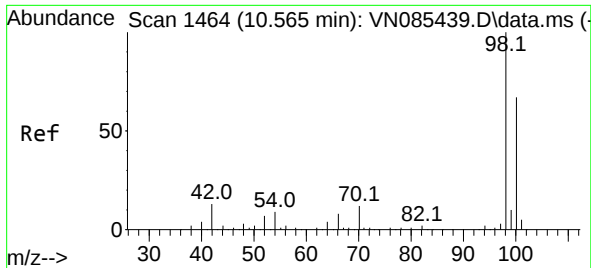
Ion Ratio Lower Upper

113 100

111 104.3 82.7 124.1

192 17.2 14.3 21.5

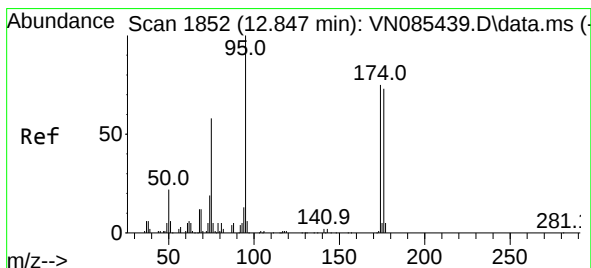
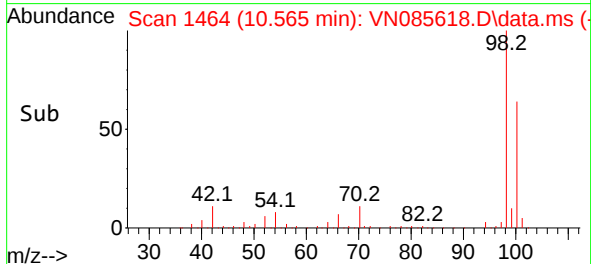
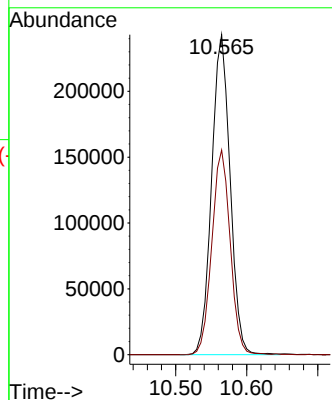
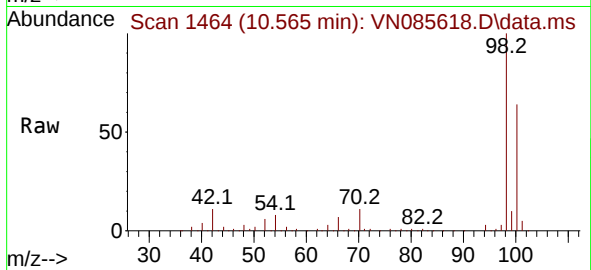




#50
Toluene-d8
Concen: 50.095 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085618.D
Acq: 03 Feb 2025 13:34

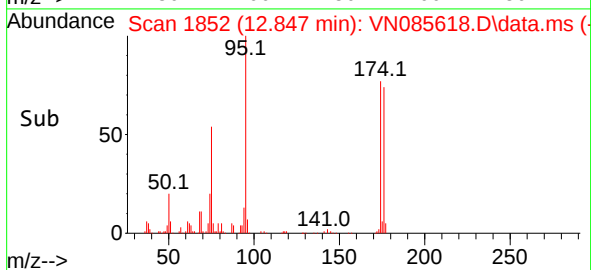
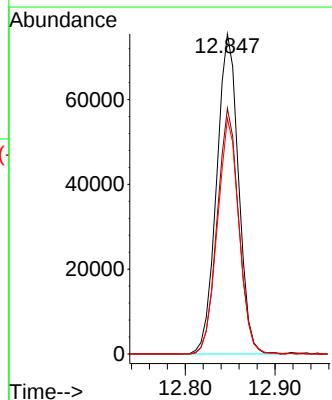
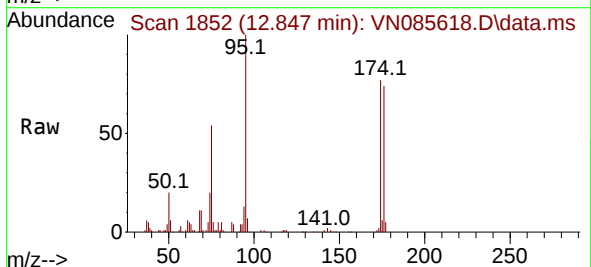
Instrument :
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VN0203WBL01

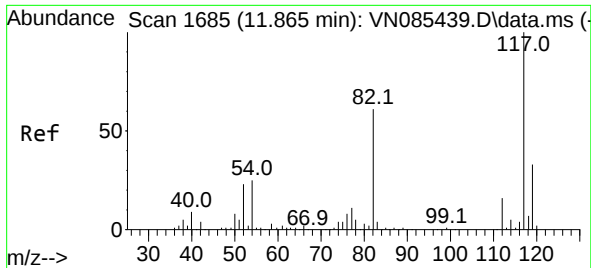
Tgt Ion: 98 Resp: 438134
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 42.623 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085618.D
Acq: 03 Feb 2025 13:34

Tgt Ion: 95 Resp: 127520
Ion Ratio Lower Upper
95 100
174 75.8 0.0 145.0
176 72.7 0.0 142.4

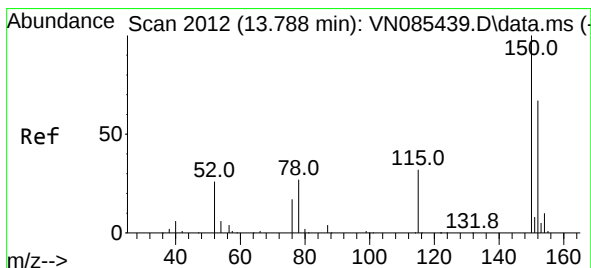
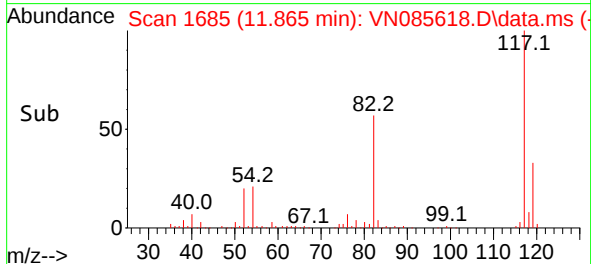
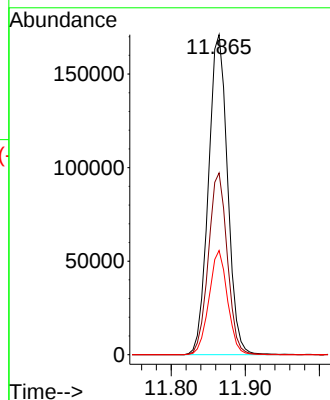
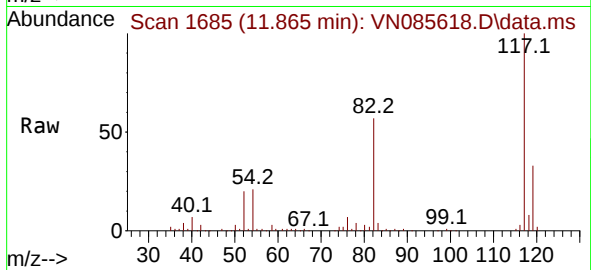




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085618.D
Acq: 03 Feb 2025 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBL01

Tgt Ion:117 Resp: 307130
Ion Ratio Lower Upper
117 100
82 56.8 48.6 72.8
119 32.6 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: VN085618.D
Acq: 03 Feb 2025 13:34

Tgt Ion:152 Resp: 111992
Ion Ratio Lower Upper
152 100
115 59.5 31.1 93.3
150 158.2 0.0 343.6

