

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086169.D
 Acq On : 31 Mar 2025 14:51
 Operator : JC\MD
 Sample : VN0331MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331MBL01

Quant Time: Apr 01 01:36:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	175835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129652	53.847	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.700%
35) Dibromofluoromethane	8.165	113	116836	51.600	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.200%
50) Toluene-d8	10.565	98	389121	47.352	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.700%
62) 4-Bromofluorobenzene	12.847	95	116915	39.894	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	79.780%

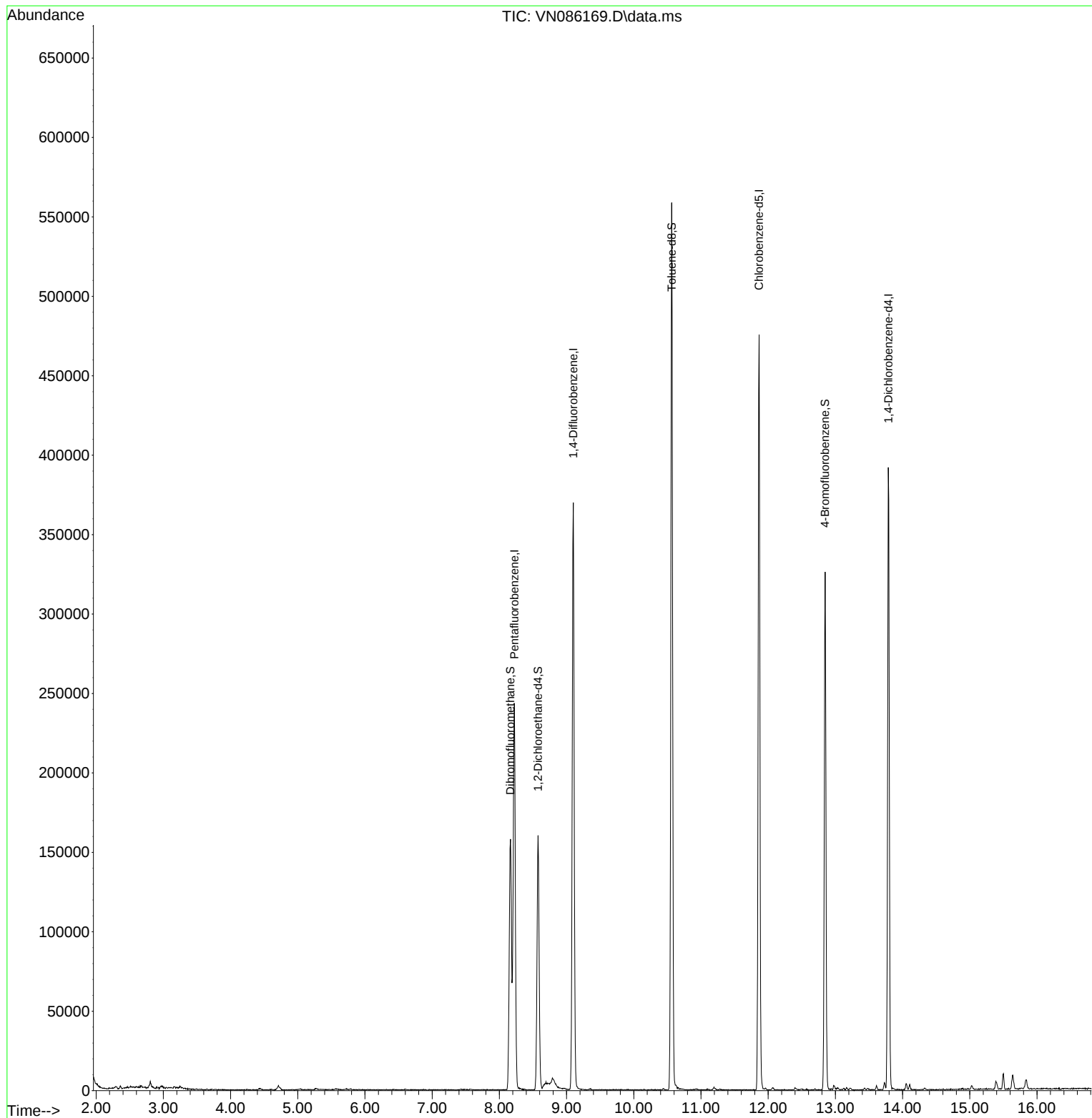
Target Compounds	Qvalue

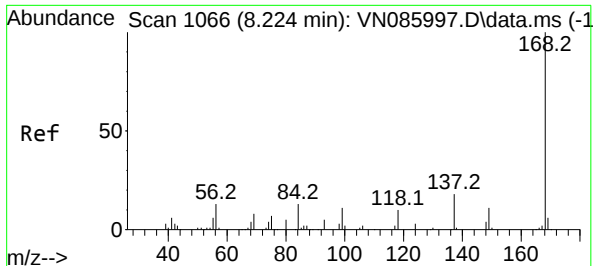
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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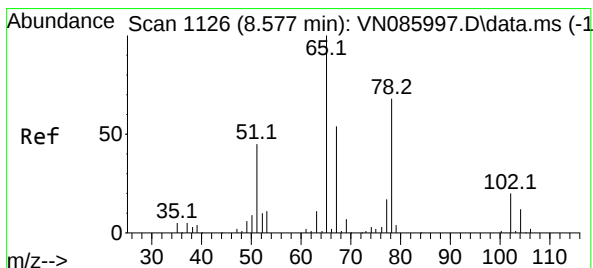
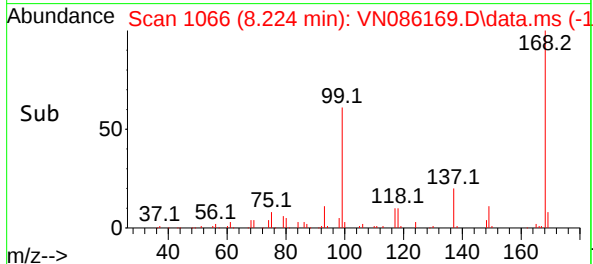
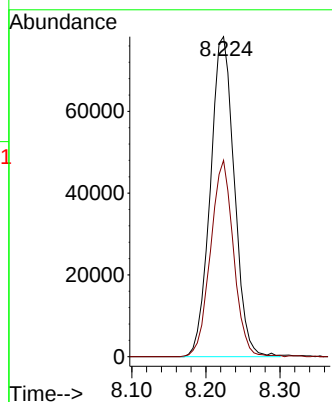
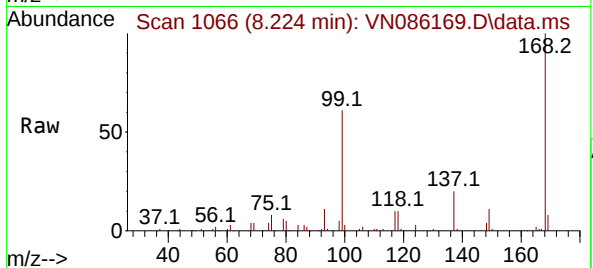




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

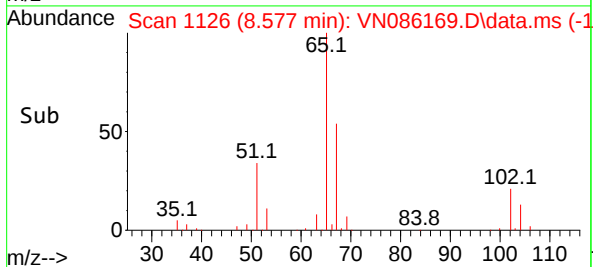
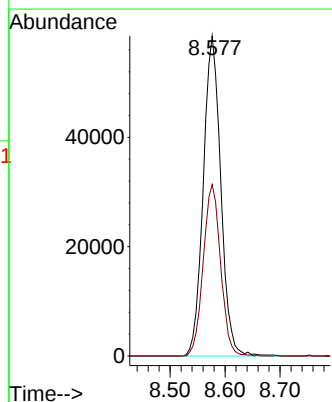
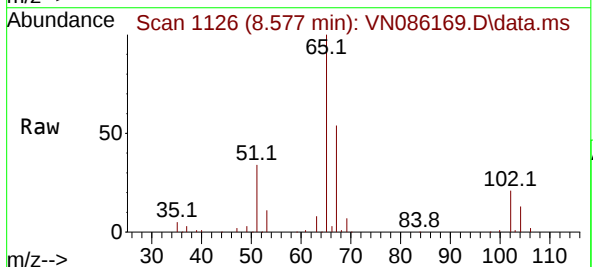
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBL01

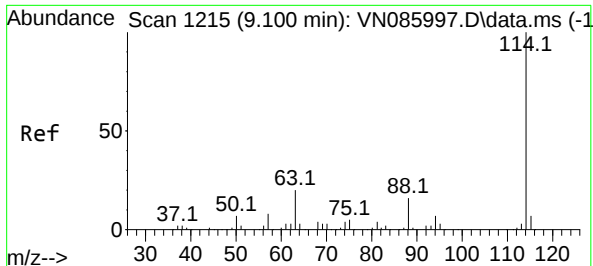
Tgt Ion:168 Resp: 175835
Ion Ratio Lower Upper
168 100
99 61.3 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 53.847 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion: 65 Resp: 129652
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086169.D

Acq: 31 Mar 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0331MBL01

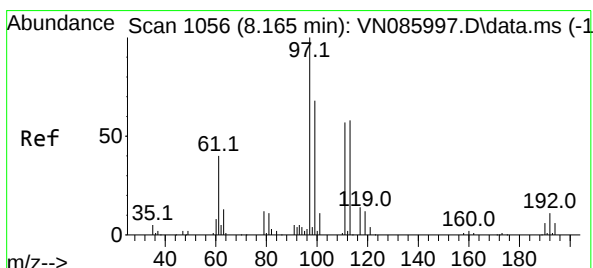
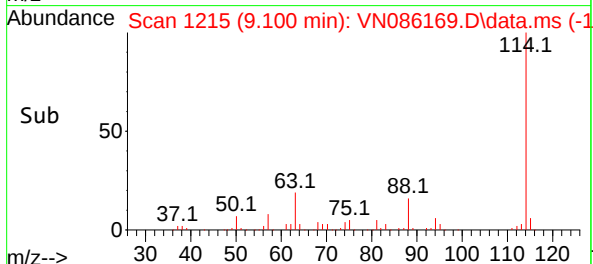
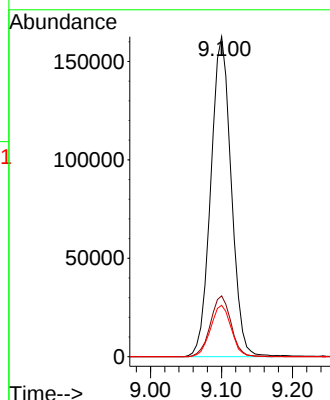
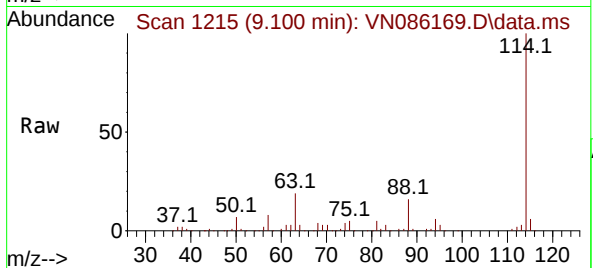
Tgt Ion:114 Resp: 324396

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.600 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086169.D

Acq: 31 Mar 2025 14:51

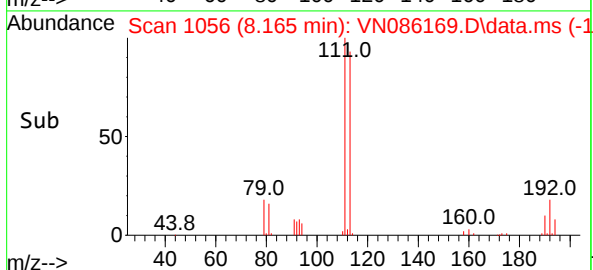
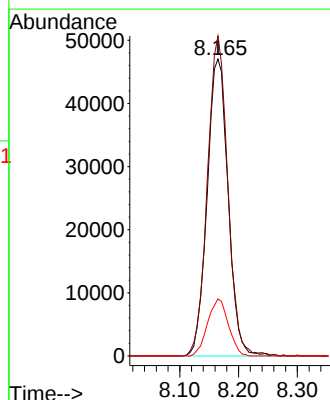
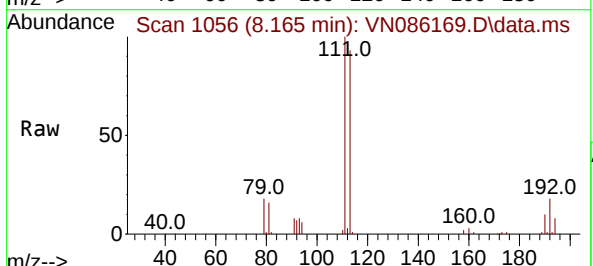
Tgt Ion:113 Resp: 116836

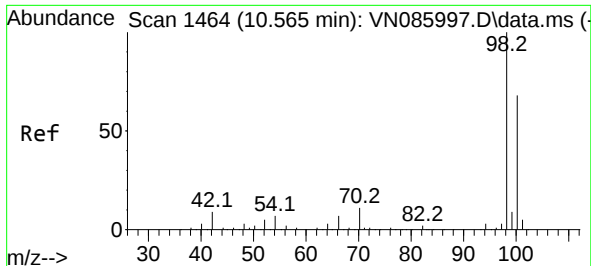
Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.8

192 19.0 15.9 23.9

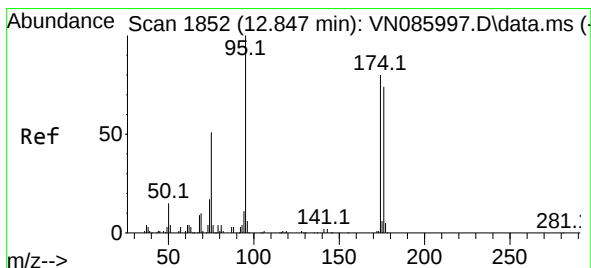
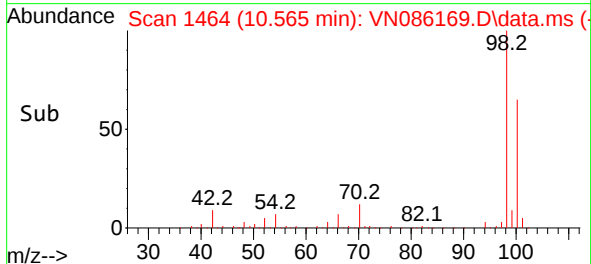
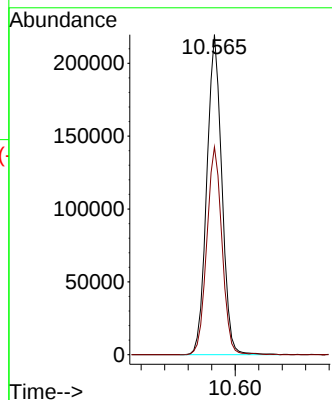
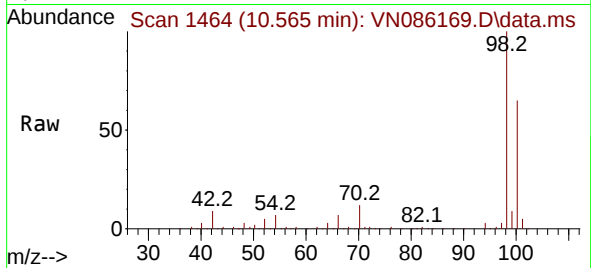




#50
Toluene-d8
Concen: 47.352 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

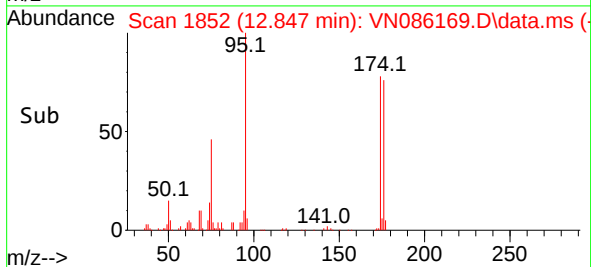
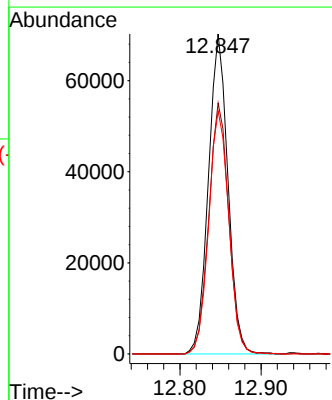
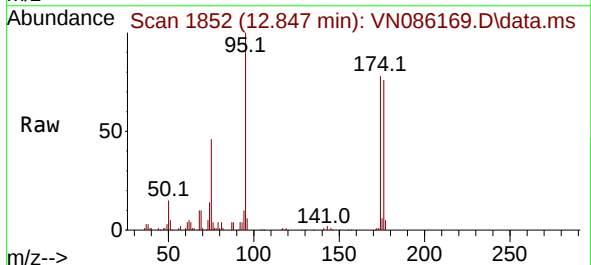
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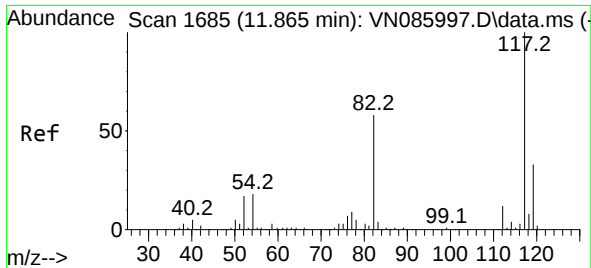
Tgt Ion: 98 Resp: 389121
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 39.894 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion: 95 Resp: 116915
Ion Ratio Lower Upper
95 100
174 80.6 0.0 156.8
176 78.1 0.0 152.2

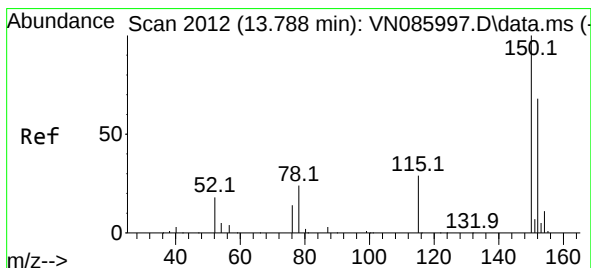
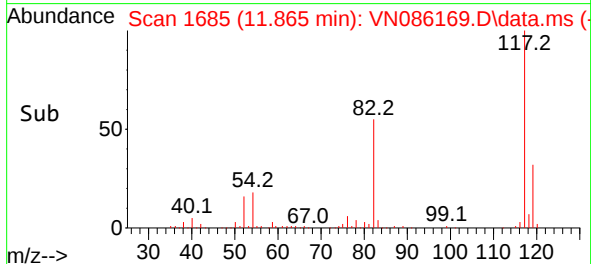
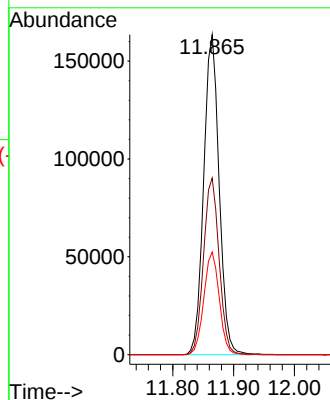
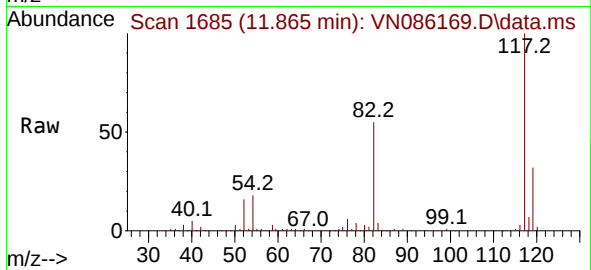




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBL01

Tgt Ion:117 Resp: 288485
Ion Ratio Lower Upper
117 100
82 55.2 46.7 70.1
119 32.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086169.D
Acq: 31 Mar 2025 14:51

Tgt Ion:152 Resp: 114979
Ion Ratio Lower Upper
152 100
115 59.4 31.1 93.2
150 155.6 0.0 359.6

