

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083599.D
 Acq On : 31 Aug 2024 06:57
 Operator : JC\MD
 Sample : P3769-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14B-45.5-082724

Quant Time: Sep 02 00:59:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	141940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114406	57.672	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.340%
35) Dibromofluoromethane	8.159	113	91713	51.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.300%
50) Toluene-d8	10.565	98	333288	47.728	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.847	95	156974	60.683	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	121.360%#

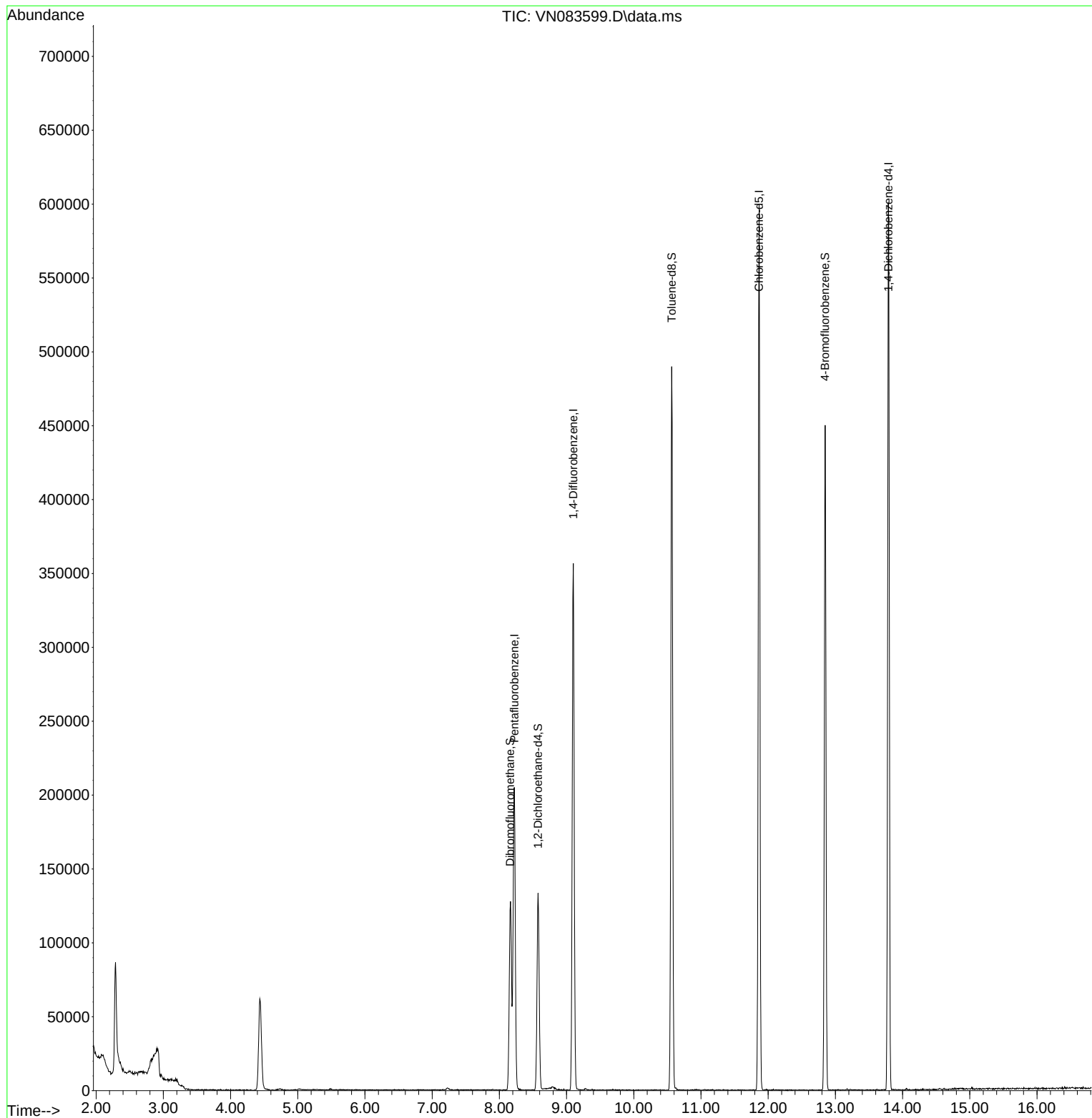
Target Compounds	Qvalue

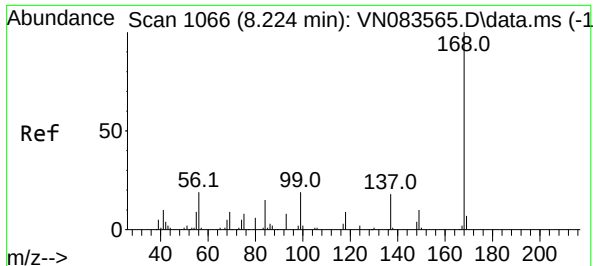
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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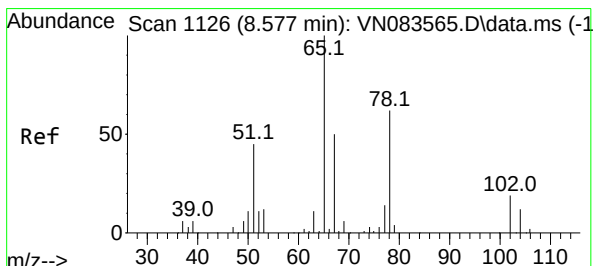
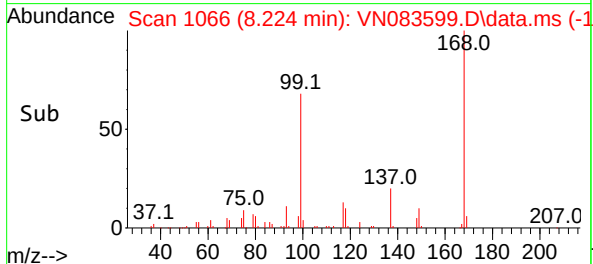
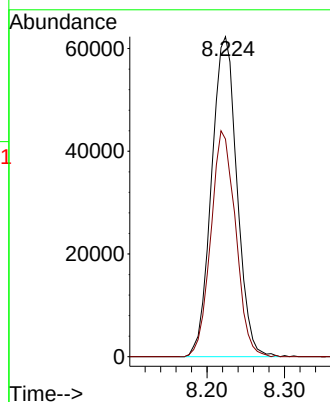
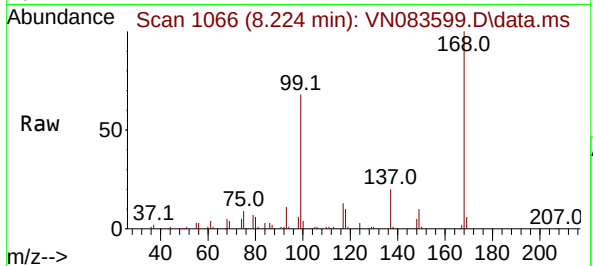




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

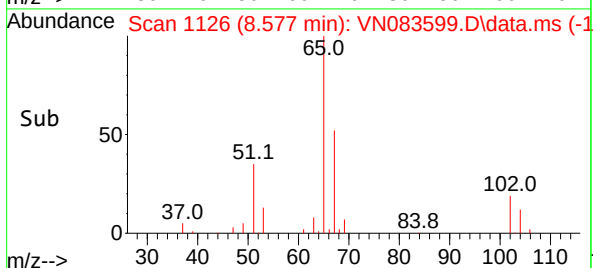
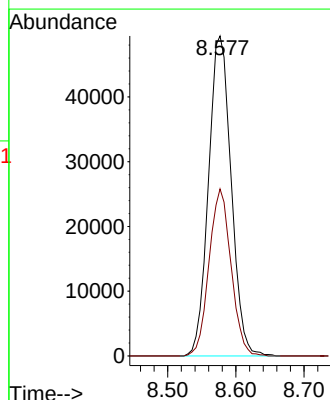
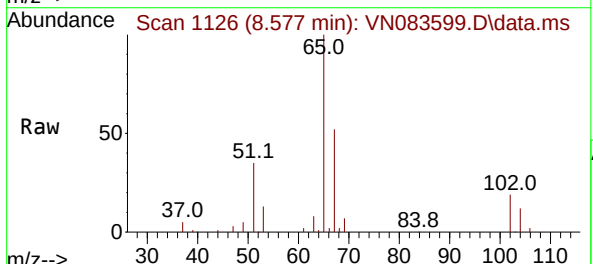
Instrument :
MSVOA_N
ClientSampleId :
MW-14B-45.5-082724

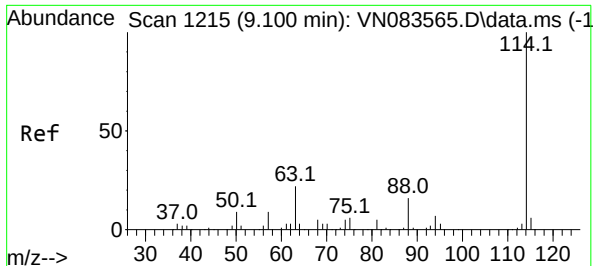
Tgt Ion:168 Resp: 141940
Ion Ratio Lower Upper
168 100
99 68.0 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 57.672 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Tgt Ion: 65 Resp: 114406
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083599.D

Acq: 31 Aug 2024 06:57

Instrument :

MSVOA_N

ClientSampleId :

MW-14B-45.5-082724

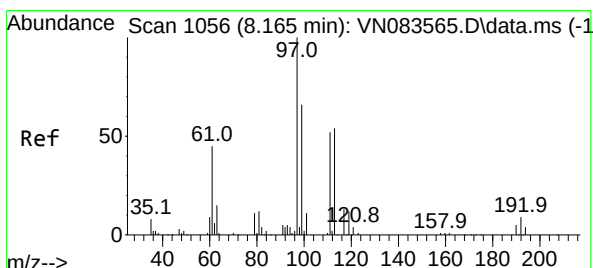
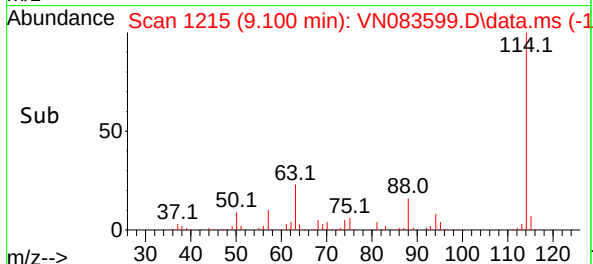
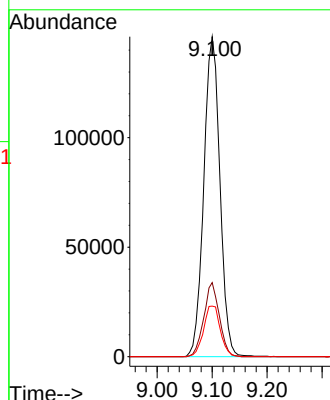
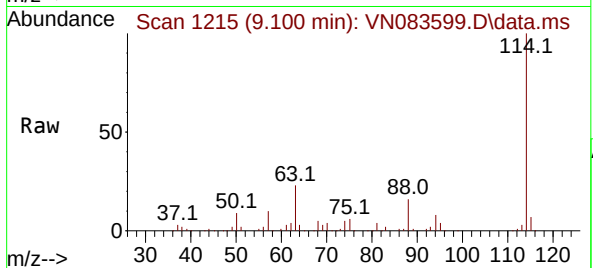
Tgt Ion:114 Resp: 297928

Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.146 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN083599.D

Acq: 31 Aug 2024 06:57

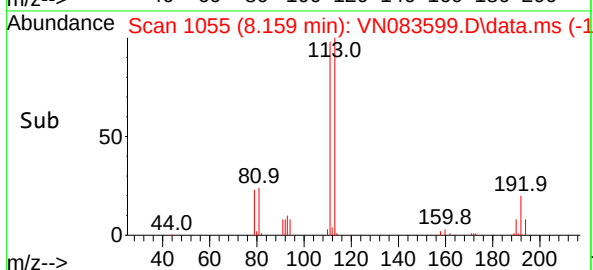
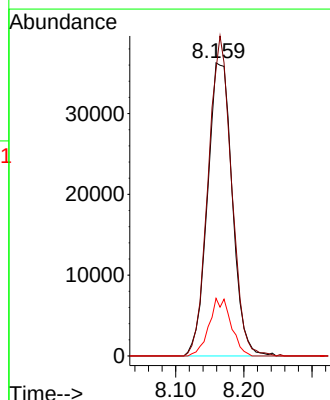
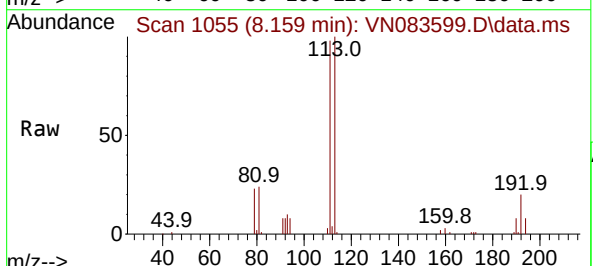
Tgt Ion:113 Resp: 91713

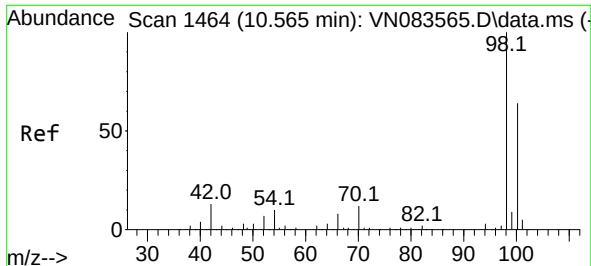
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 17.5 14.3 21.5

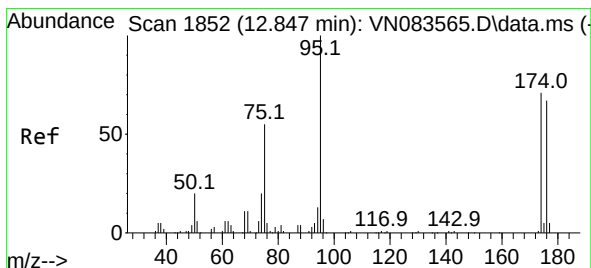
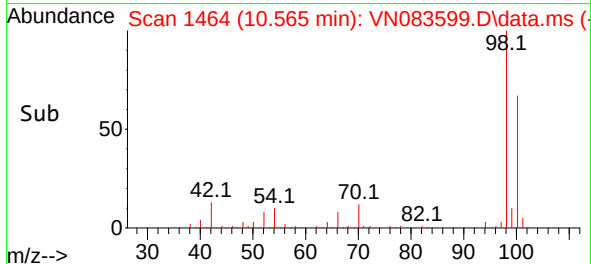
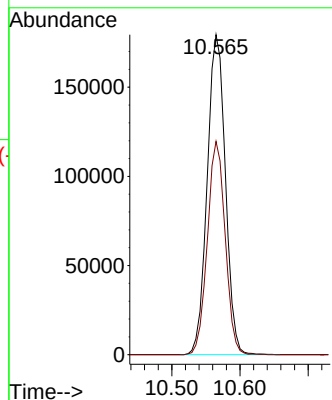
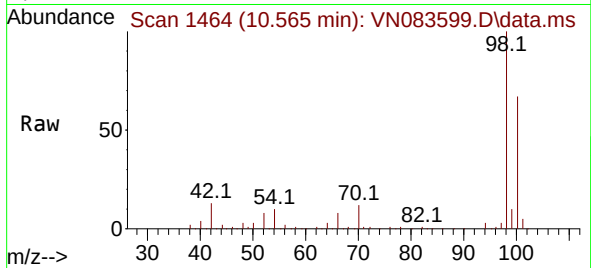




#50
Toluene-d8
Concen: 47.728 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

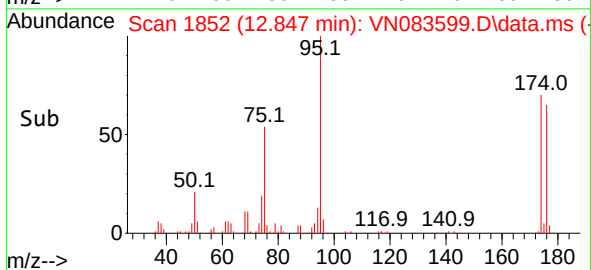
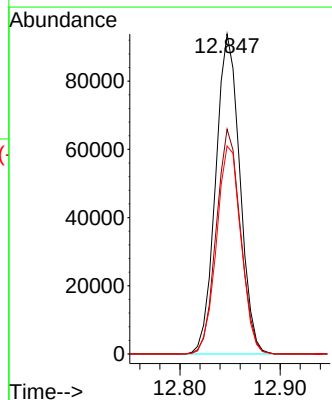
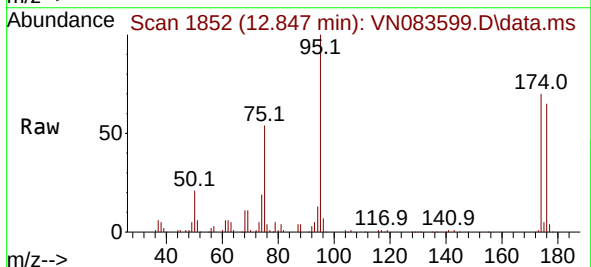
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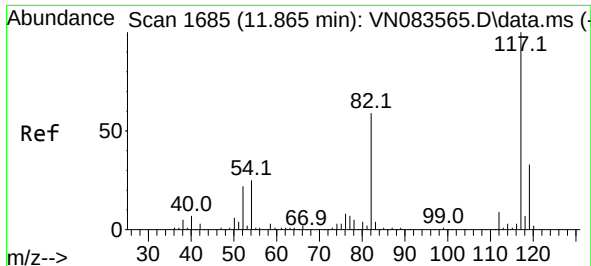
Tgt Ion: 98 Resp: 333288
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 60.683 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Tgt Ion: 95 Resp: 156974
Ion Ratio Lower Upper
95 100
174 70.2 0.0 139.8
176 65.9 0.0 131.4

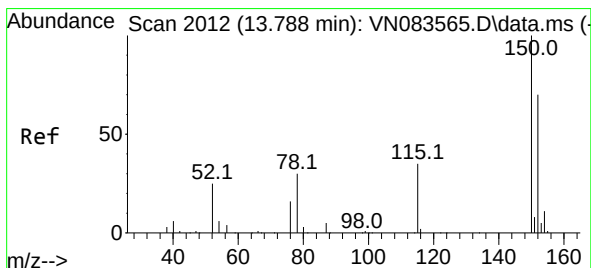
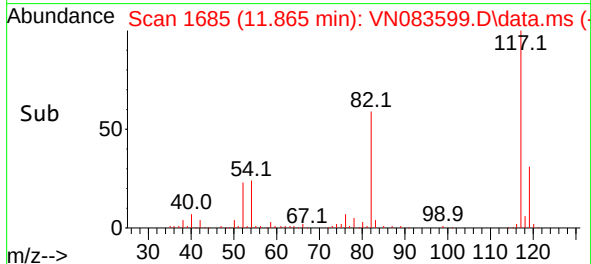
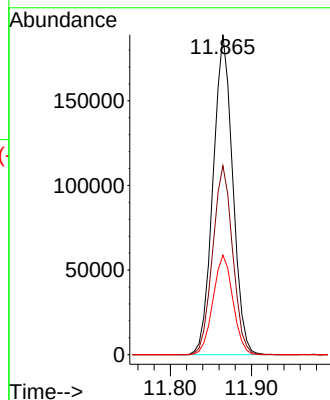
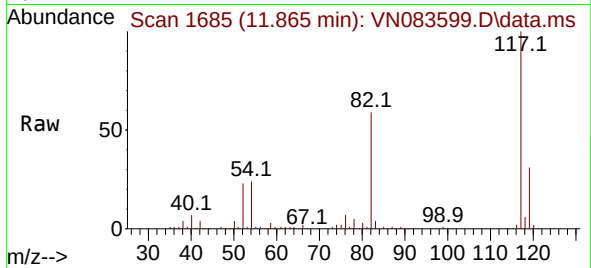




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Instrument :
MSVOA_N
ClientSampleId :
MW-14B-45.5-082724

Tgt Ion:117 Resp: 317879
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 31.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083599.D
Acq: 31 Aug 2024 06:57

Tgt Ion:152 Resp: 154558
Ion Ratio Lower Upper
152 100
115 64.1 32.2 96.6
150 157.8 0.0 348.6

