

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083649.D
 Acq On : 04 Sep 2024 15:06
 Operator : JC\MD
 Sample : P3777-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-04-12-082824RE

Quant Time: Sep 05 02:26:45 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	144230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157118	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112725	55.922	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.840%
35) Dibromofluoromethane	8.165	113	92968	52.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.180%
50) Toluene-d8	10.565	98	333551	47.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.960%
62) 4-Bromofluorobenzene	12.847	95	158486	61.556	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	123.120%#

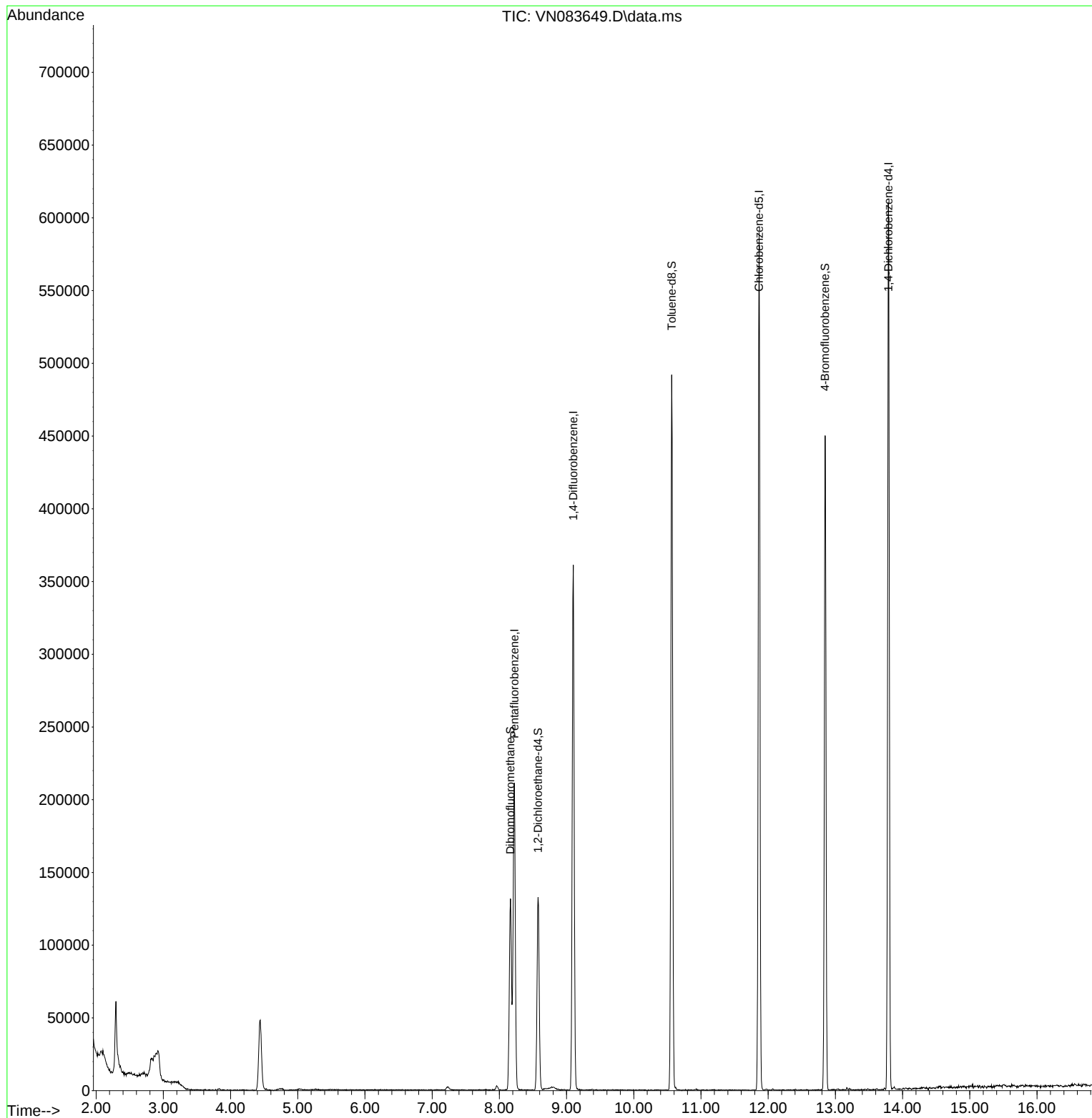
Target Compounds	Qvalue

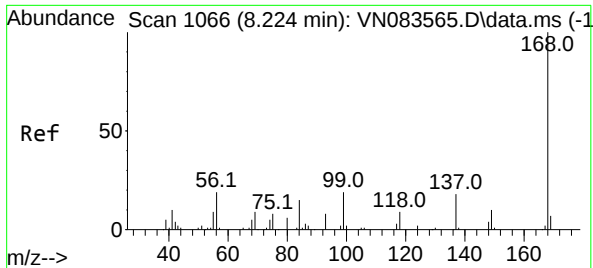
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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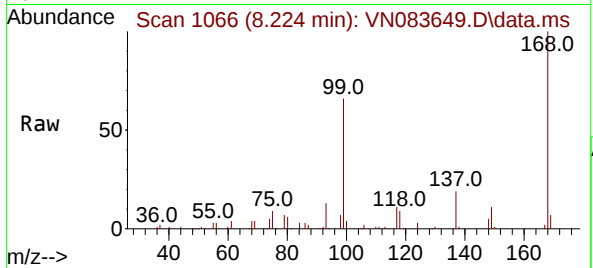
Quant Time: Sep 05 02:26:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
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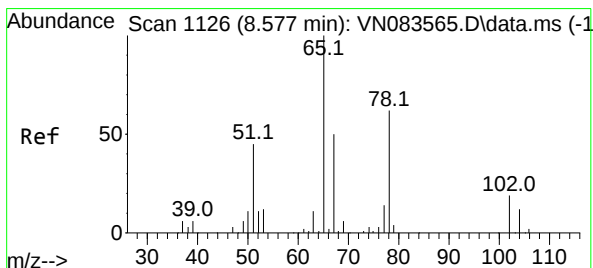
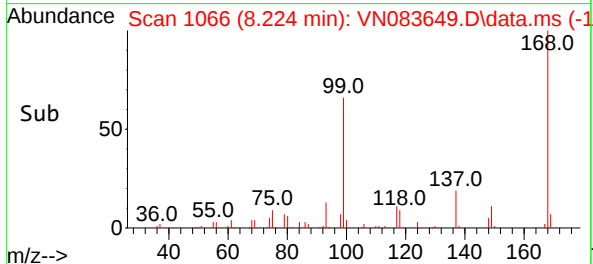
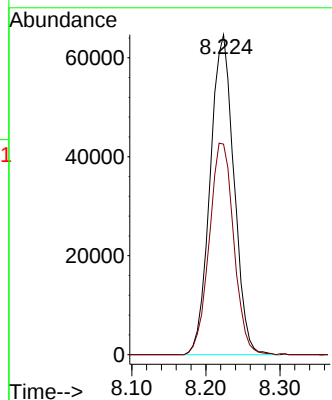


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083649.D
Acq: 04 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
MW-04-12-082824RE

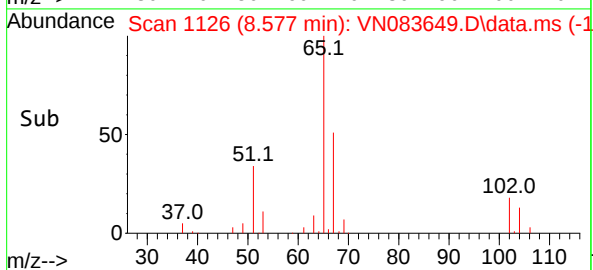
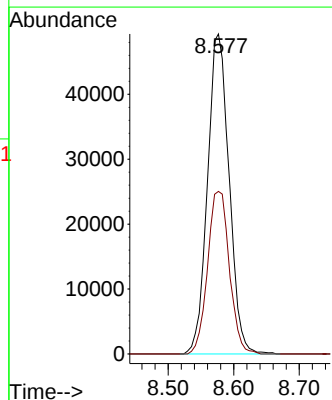
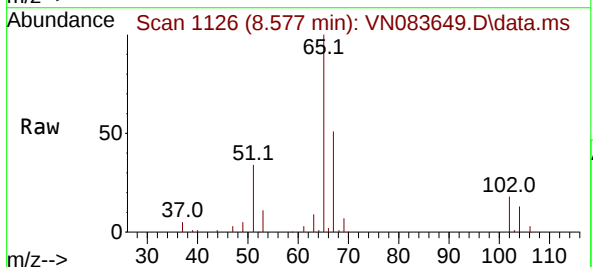


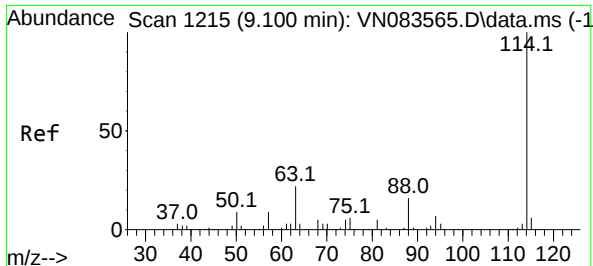
Tgt Ion:168 Resp: 144230
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 55.922 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083649.D
Acq: 04 Sep 2024 15:06

Tgt Ion: 65 Resp: 112725
Ion Ratio Lower Upper
65 100
67 51.2 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: VN083649.D

Acq: 04 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

MW-04-12-082824RE

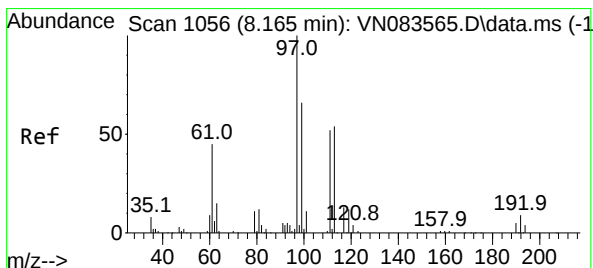
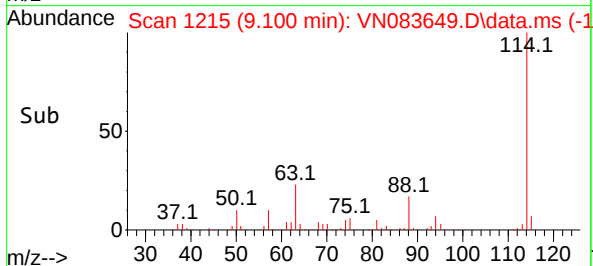
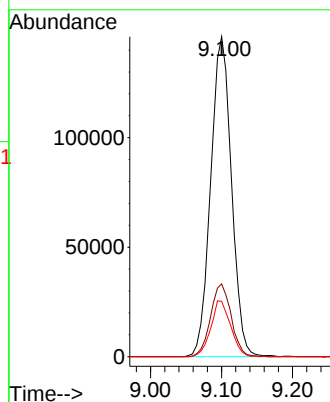
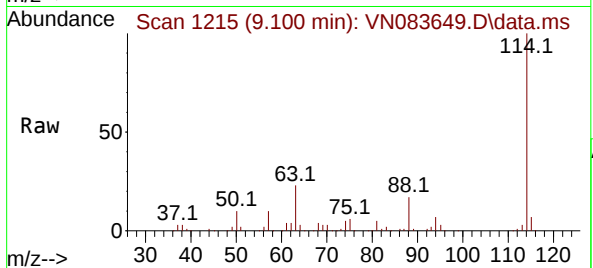
Tgt Ion:114 Resp: 296531

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.4

88 17.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.090 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083649.D

Acq: 04 Sep 2024 15:06

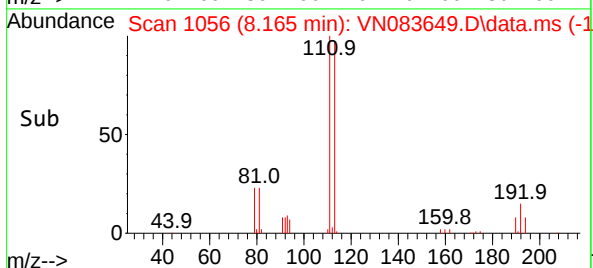
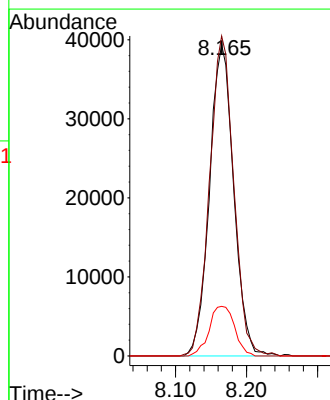
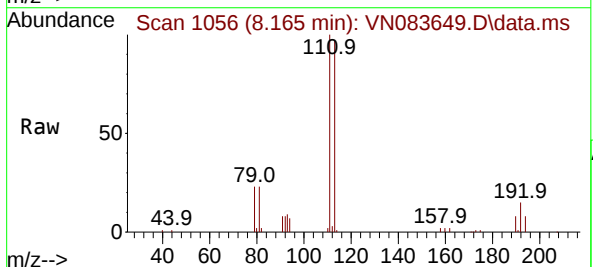
Tgt Ion:113 Resp: 92968

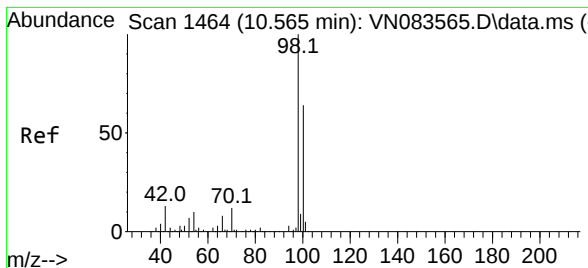
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 16.8 14.3 21.5





#50

Toluene-d8

Concen: 47.985 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083649.D

Acq: 04 Sep 2024 15:06

Instrument :

MSVOA_N

ClientSampleId :

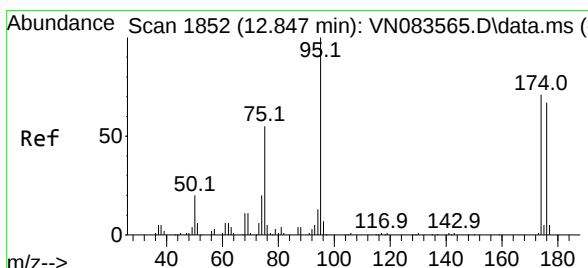
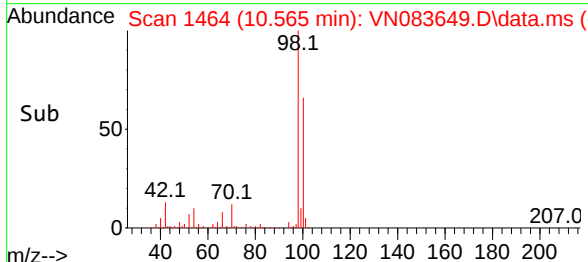
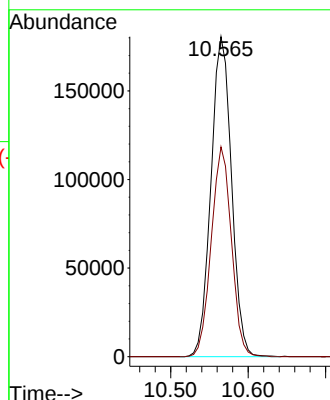
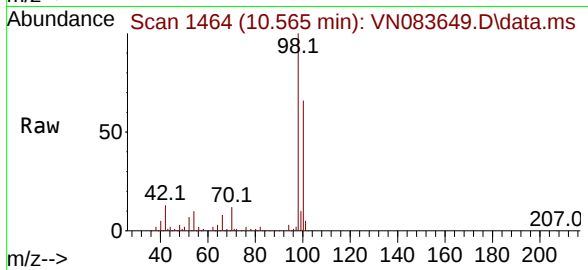
MW-04-12-082824RE

Tgt Ion: 98 Resp: 333551

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 61.556 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083649.D

Acq: 04 Sep 2024 15:06

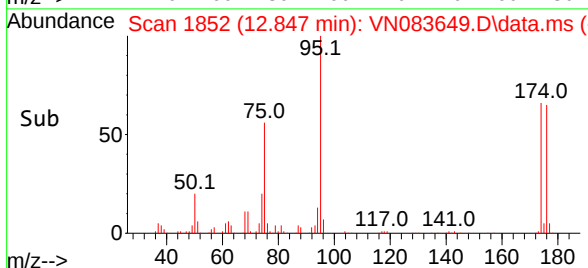
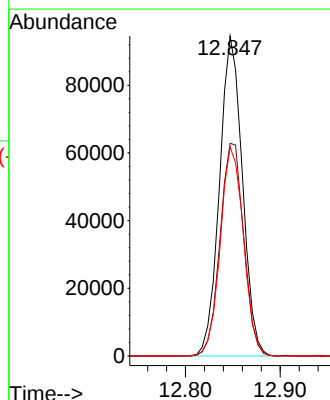
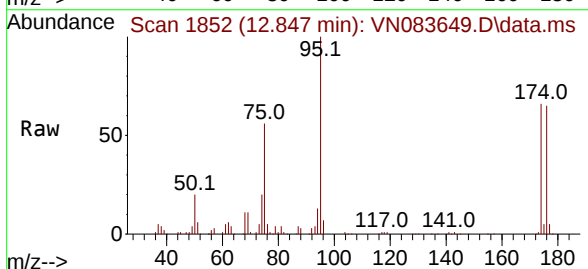
Tgt Ion: 95 Resp: 158486

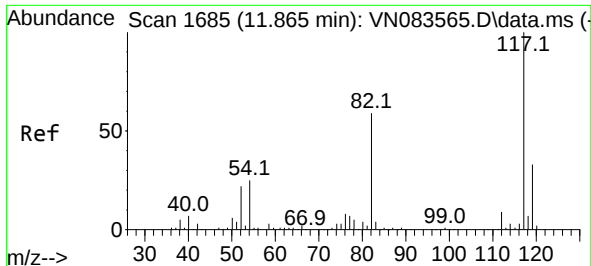
Ion Ratio Lower Upper

95 100

174 69.0 0.0 139.8

176 66.1 0.0 131.4

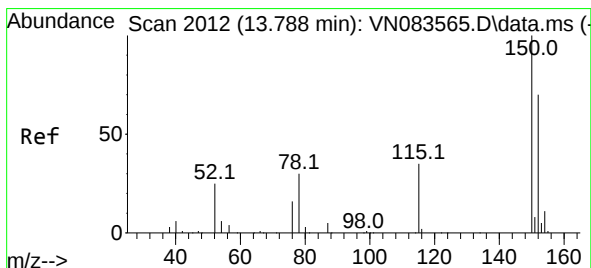
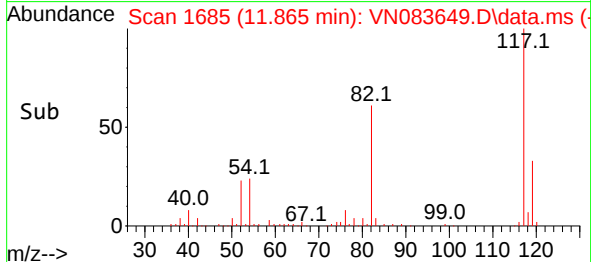
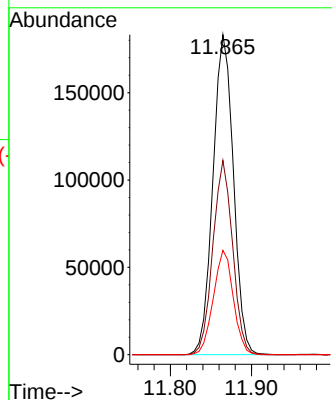
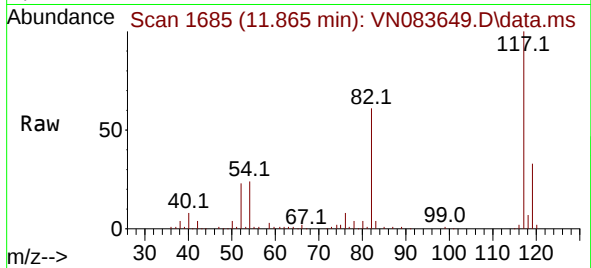




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083649.D
Acq: 04 Sep 2024 15:06

Instrument :
MSVOA_N
ClientSampleId :
MW-04-12-082824RE

Tgt Ion:117 Resp: 321093
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 32.6 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: VN083649.D
Acq: 04 Sep 2024 15:06

Tgt Ion:152 Resp: 157118
Ion Ratio Lower Upper
152 100
115 64.3 32.2 96.6
150 157.4 0.0 348.6

