

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083199.D
 Acq On : 10 Aug 2024 11:34
 Operator : JC\MD
 Sample : VN0810WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBL02

Quant Time: Aug 12 01:47:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	124598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	101449	57.202	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.400%
35) Dibromofluoromethane	8.171	113	79036	52.964	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.920%
50) Toluene-d8	10.565	98	297083	53.370	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.740%
62) 4-Bromofluorobenzene	12.847	95	117788	54.277	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	108.560%

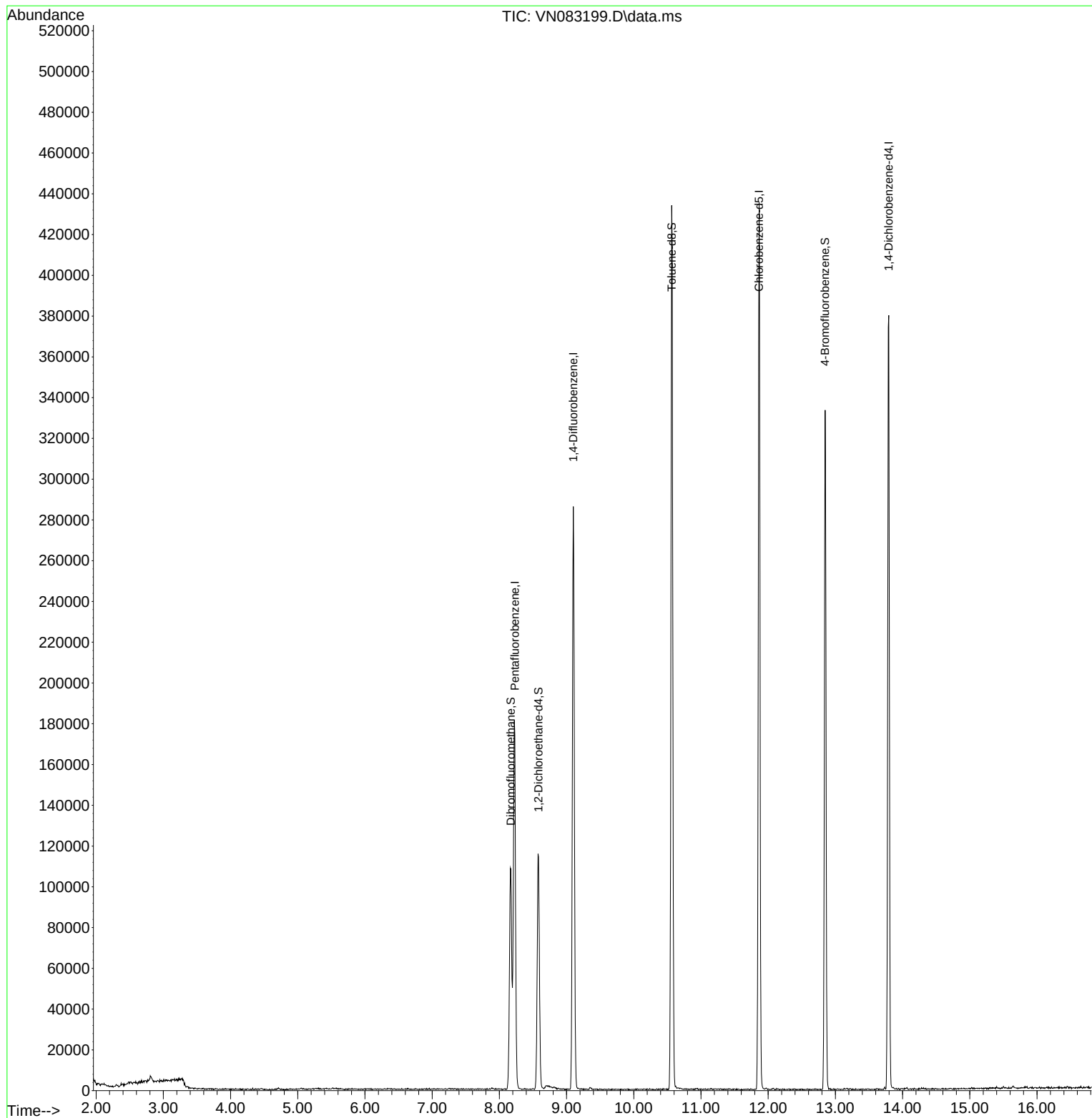
Target Compounds	Qvalue

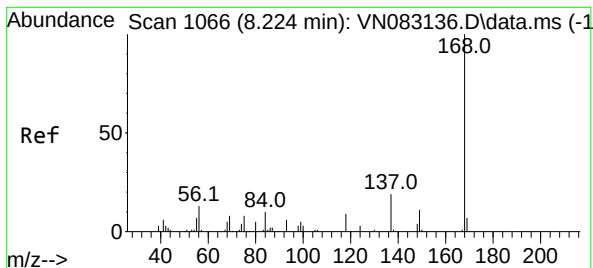
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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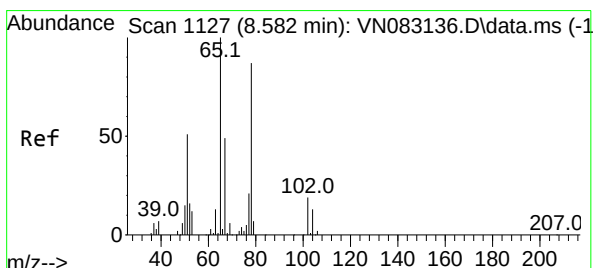
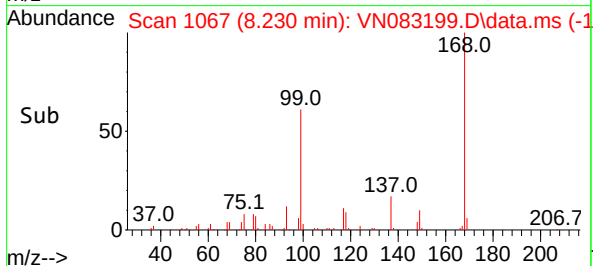
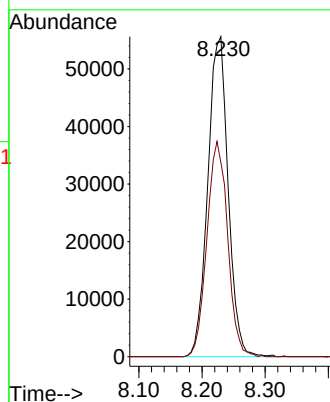
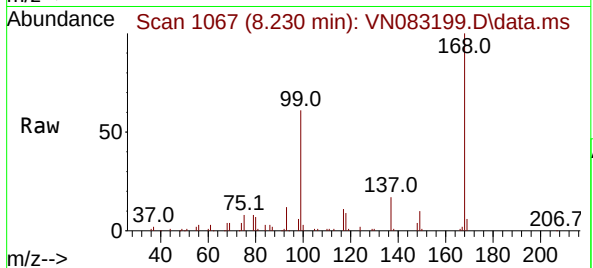




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

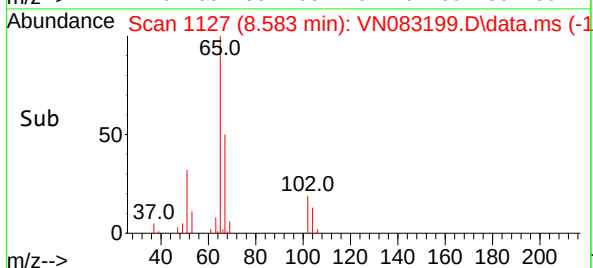
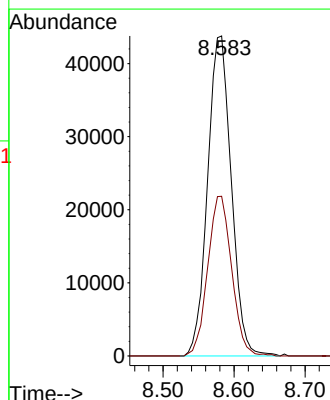
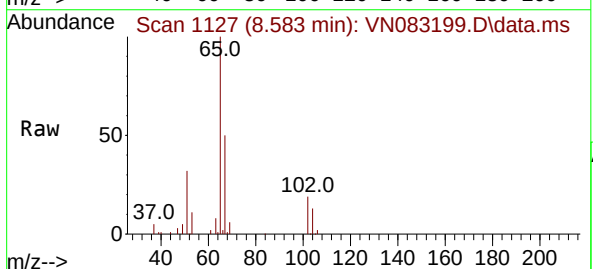
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBL02

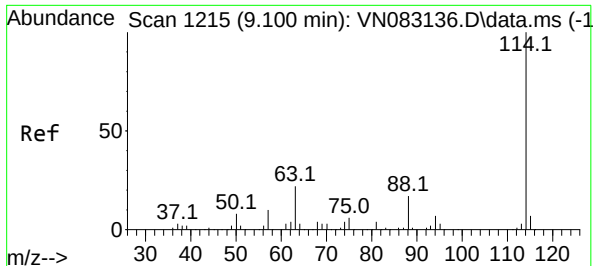
Tgt Ion:168 Resp: 124598
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.202 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

Tgt Ion: 65 Resp: 101449
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083199.D

Acq: 10 Aug 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBL02

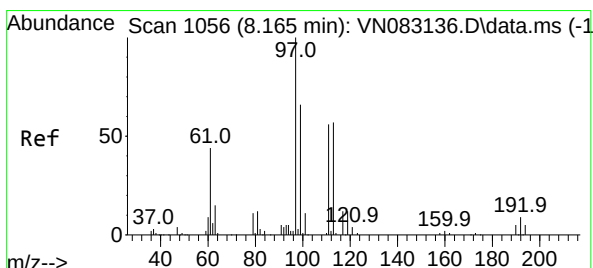
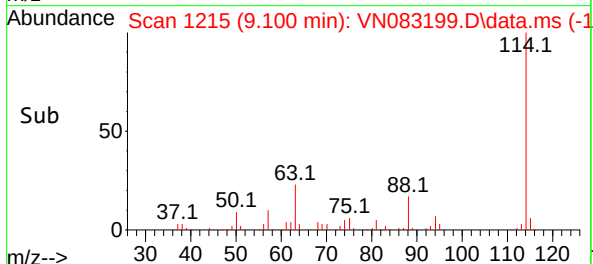
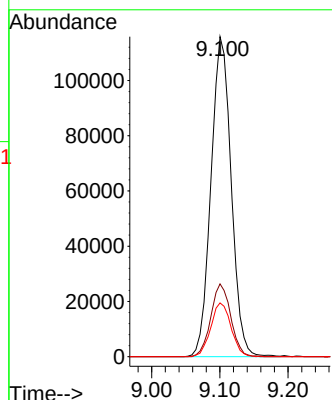
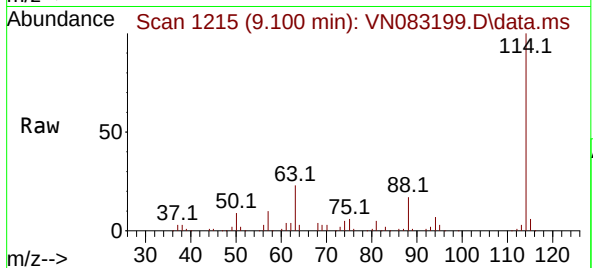
Tgt Ion:114 Resp: 239076

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 16.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.964 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083199.D

Acq: 10 Aug 2024 11:34

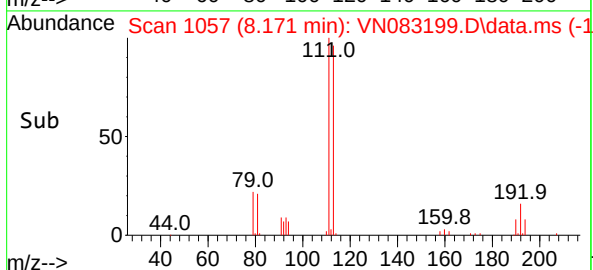
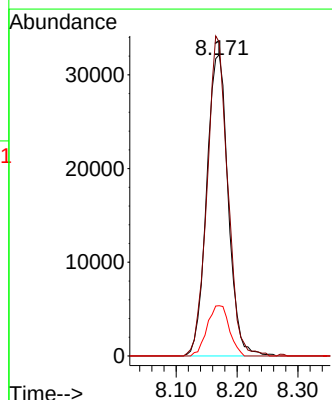
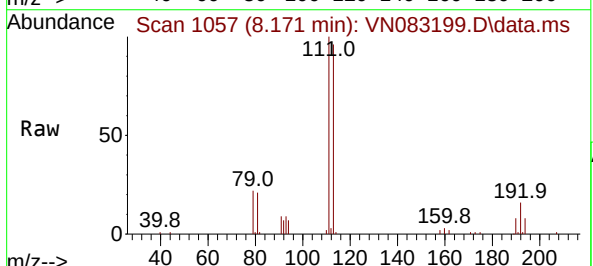
Tgt Ion:113 Resp: 79036

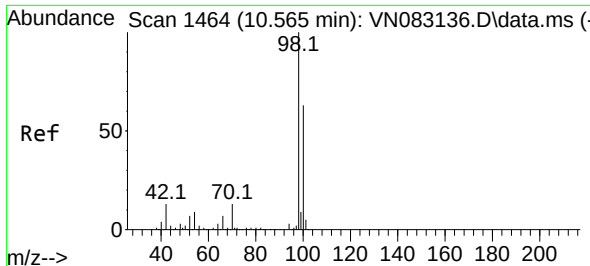
Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 17.0 14.9 22.3

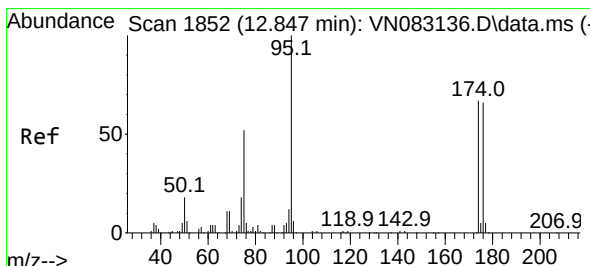
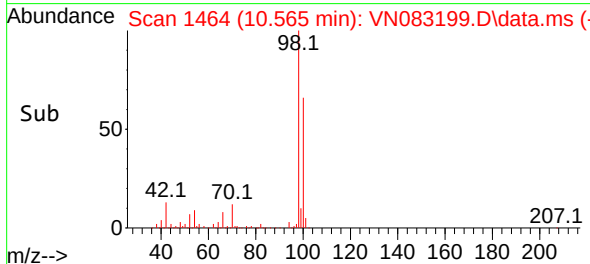
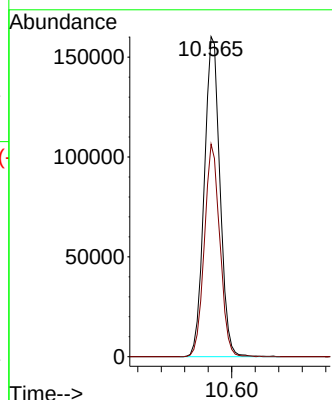
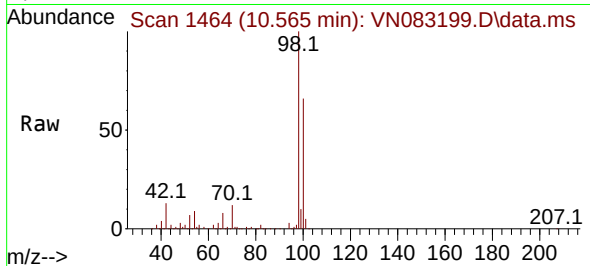




#50
Toluene-d8
Concen: 53.370 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

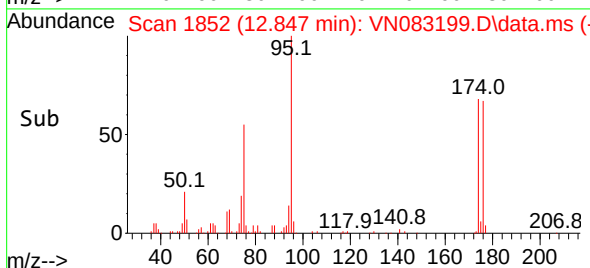
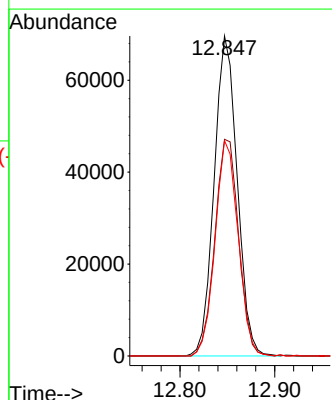
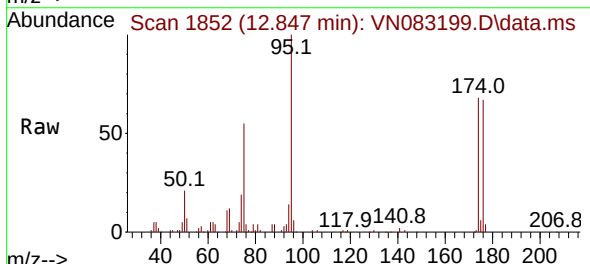
Instrument :
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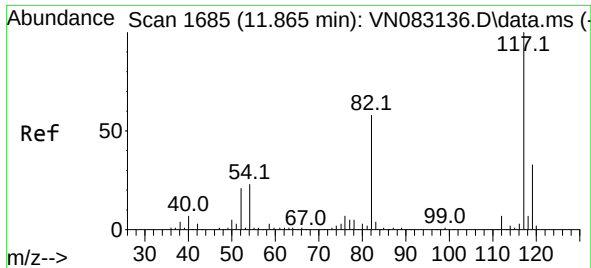
Tgt Ion: 98 Resp: 297083
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 54.277 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

Tgt Ion: 95 Resp: 117788
Ion Ratio Lower Upper
95 100
174 69.8 0.0 159.2
176 67.2 0.0 147.6

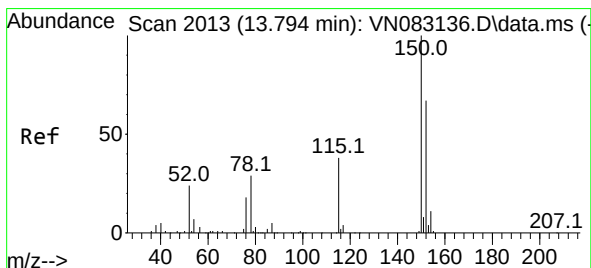
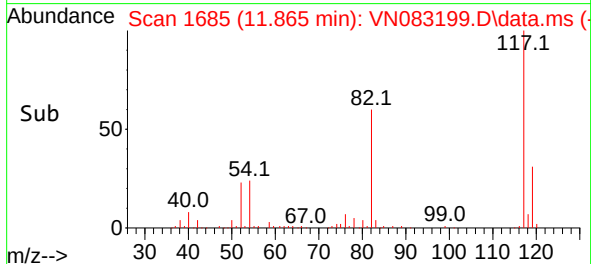
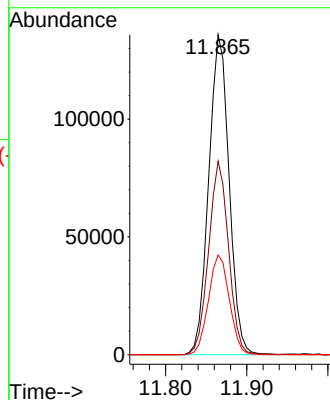
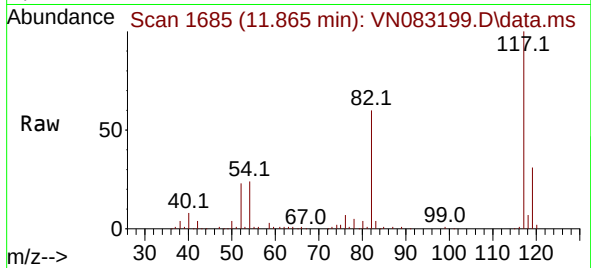




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBL02

Tgt Ion:117 Resp: 236621
Ion Ratio Lower Upper
117 100
82 60.5 47.5 71.3
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

Tgt Ion:152 Resp: 101434
Ion Ratio Lower Upper
152 100
115 62.7 30.6 91.6
150 154.0 0.0 348.6

