

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083487.D
 Acq On : 26 Aug 2024 16:57
 Operator : JC\MD
 Sample : P3706-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB02-082024

Quant Time: Aug 27 01:59:01 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	8.224	168	119498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100423	59.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.080%	
35) Dibromofluoromethane	8.165	113	78096	50.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.260%	
50) Toluene-d8	10.565	98	281367	48.420	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.840%	
62) 4-Bromofluorobenzene	12.853	95	127239	56.165	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.340%	

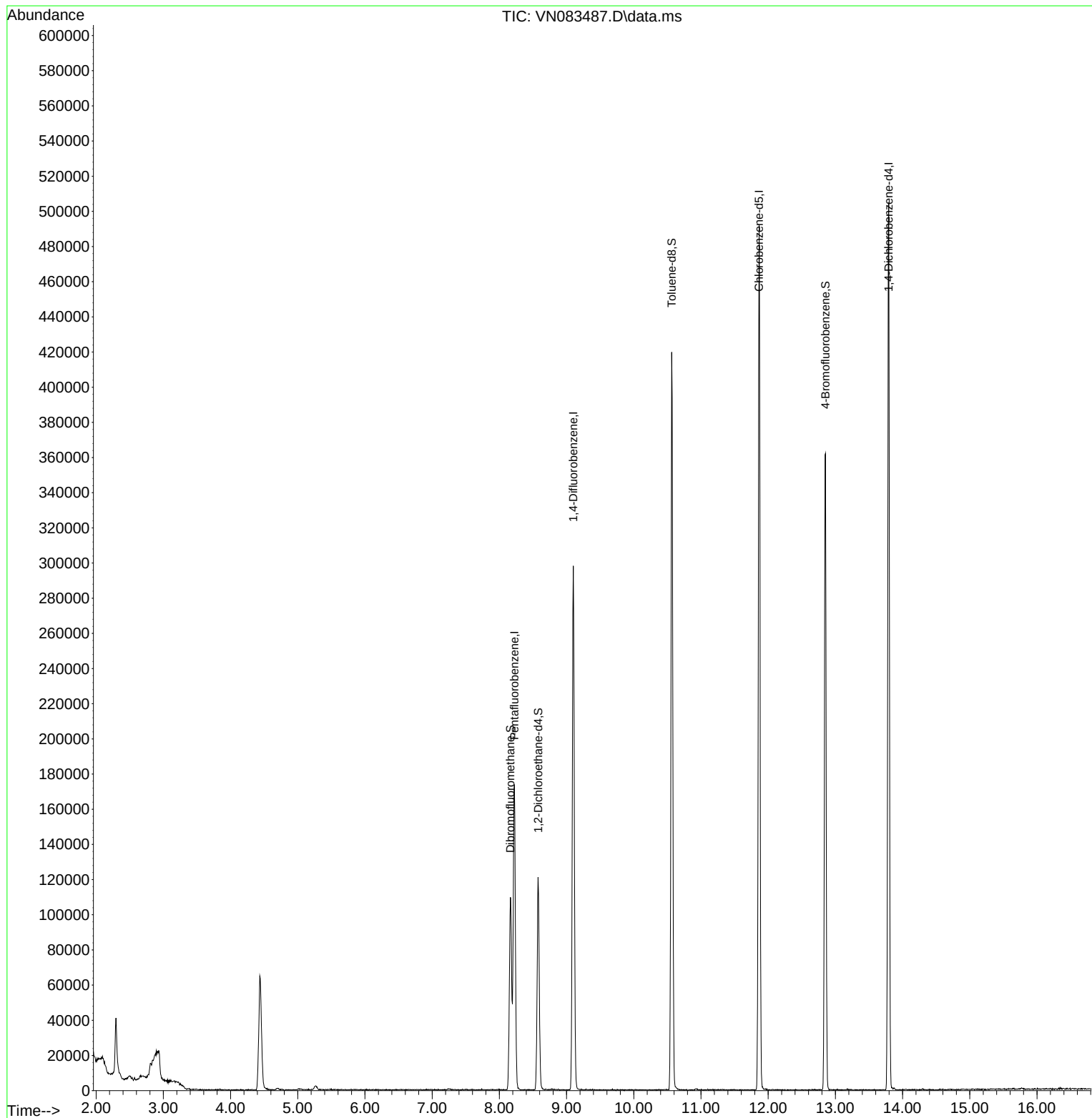
Target Compounds	Qvalue

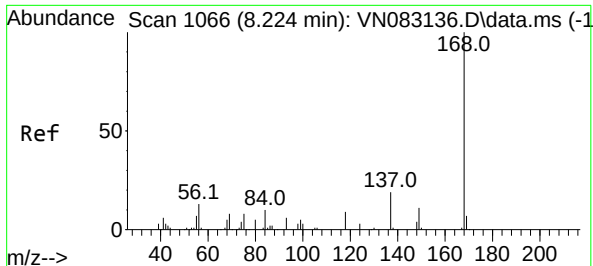
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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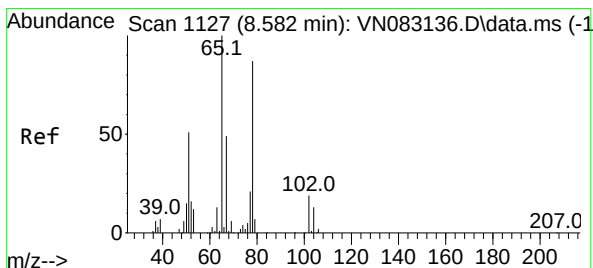
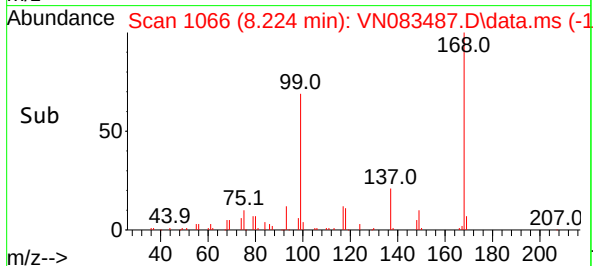
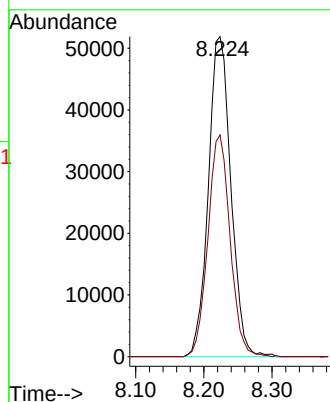
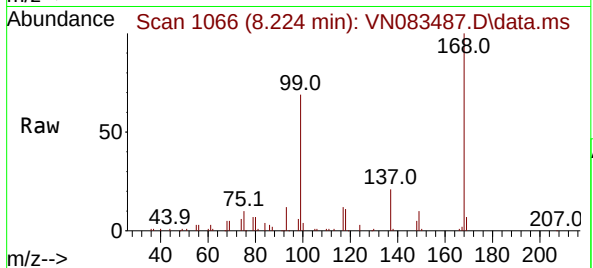




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083487.D
Acq: 26 Aug 2024 16:57

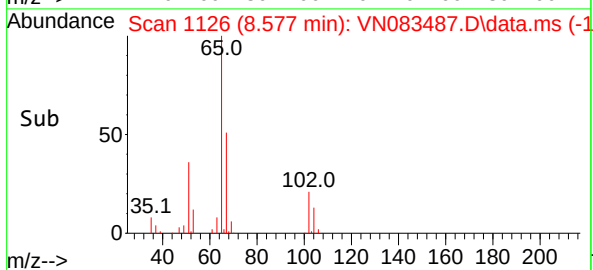
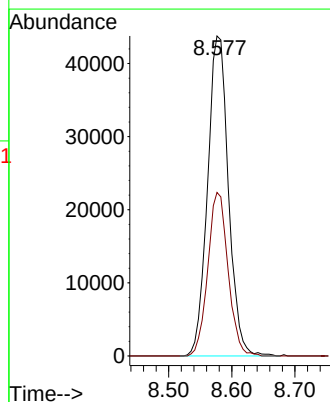
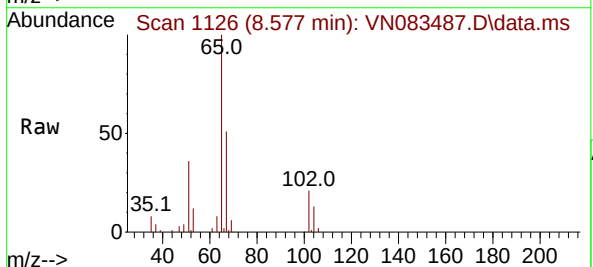
Instrument :
MSVOA_N
ClientSampleId :
TB02-082024

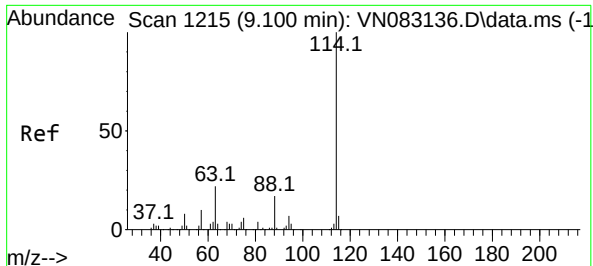
Tgt Ion:168 Resp: 119498
Ion Ratio Lower Upper
168 100
99 69.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 59.040 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083487.D
Acq: 26 Aug 2024 16:57

Tgt Ion: 65 Resp: 100423
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083487.D

Acq: 26 Aug 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

TB02-082024

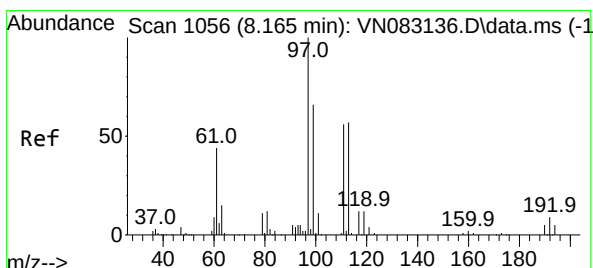
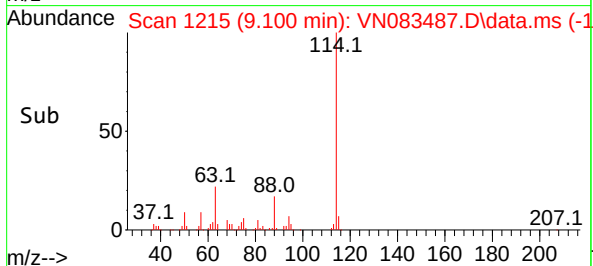
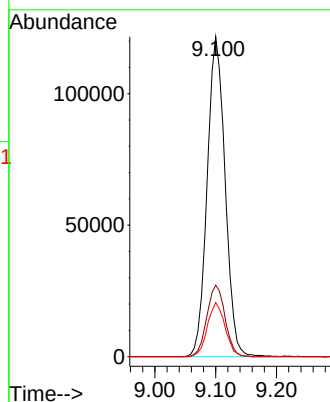
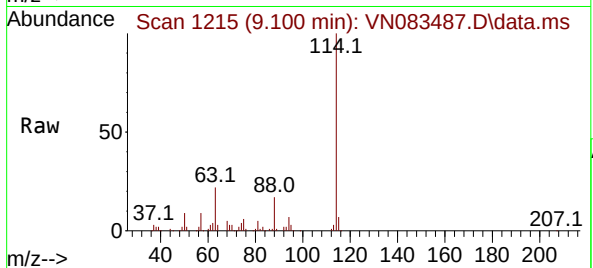
Tgt Ion:114 Resp: 249576

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.132 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083487.D

Acq: 26 Aug 2024 16:57

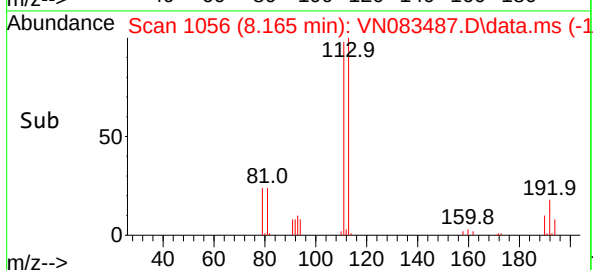
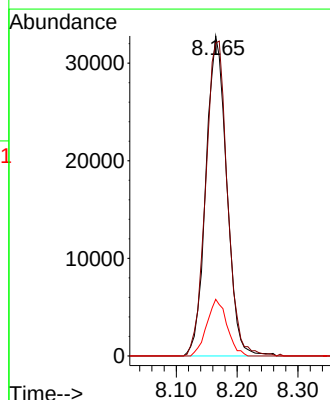
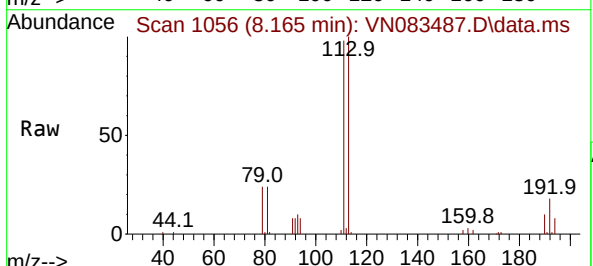
Tgt Ion:113 Resp: 78096

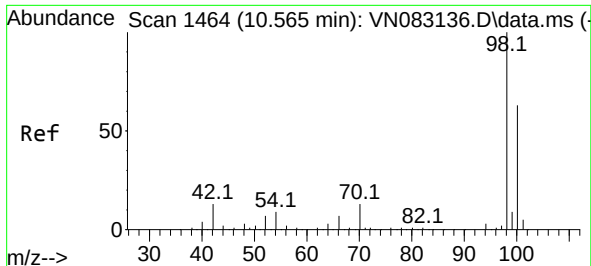
Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 17.1 14.9 22.3

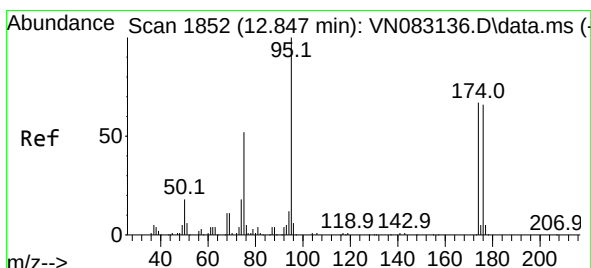
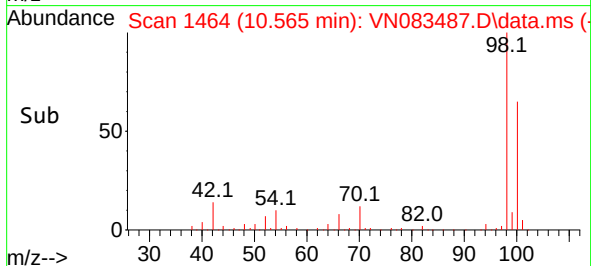
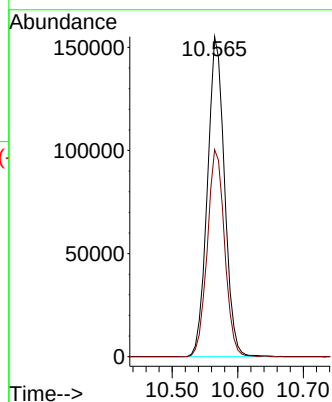
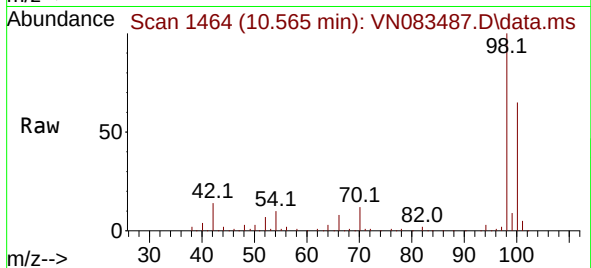




#50
Toluene-d8
Concen: 48.420 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083487.D
Acq: 26 Aug 2024 16:57

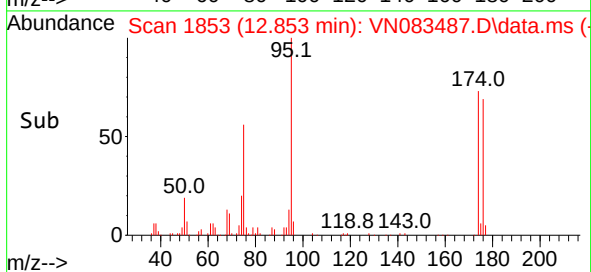
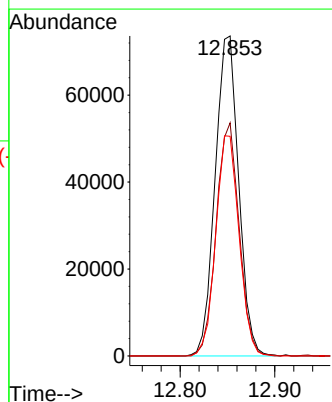
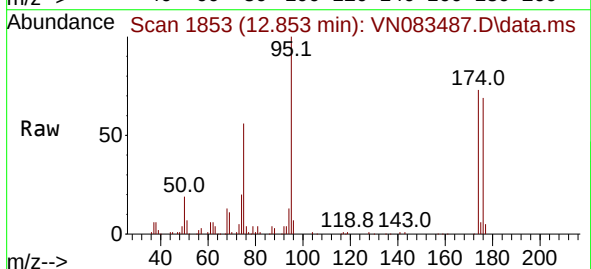
Instrument :
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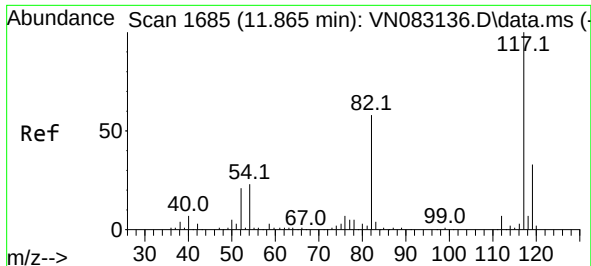
Tgt Ion: 98 Resp: 281367
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.165 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083487.D
Acq: 26 Aug 2024 16:57

Tgt Ion: 95 Resp: 127239
Ion Ratio Lower Upper
95 100
174 71.0 0.0 159.2
176 68.1 0.0 147.6

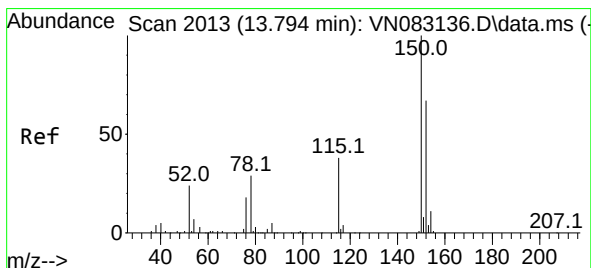
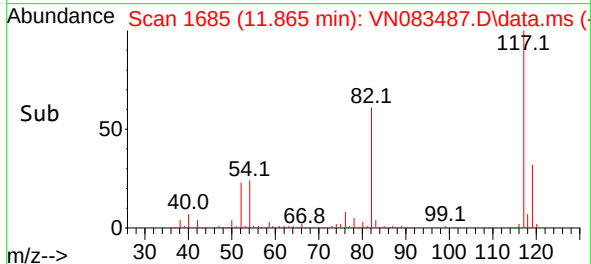
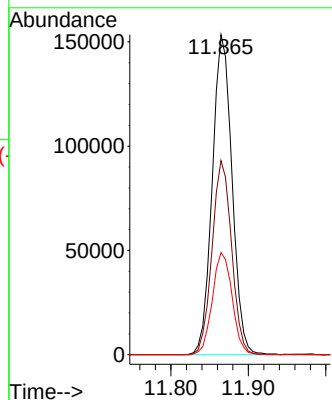
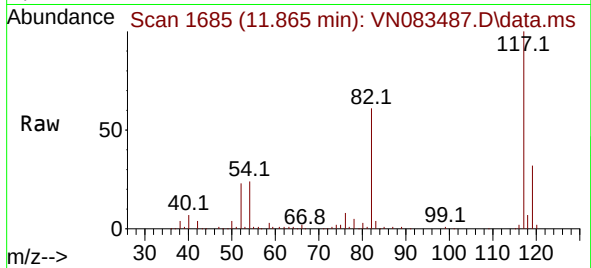




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083487.D
Acq: 26 Aug 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
TB02-082024

Tgt Ion:117 Resp: 271685
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 31.9 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: VN083487.D
Acq: 26 Aug 2024 16:57

Tgt Ion:152 Resp: 131071
Ion Ratio Lower Upper
152 100
115 63.4 30.6 91.6
150 156.9 0.0 348.6

