

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083150.D
 Acq On : 08 Aug 2024 12:57
 Operator : JC\MD
 Sample : P3415-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MLS-15-135-150

Quant Time: Aug 08 13:33:58 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)

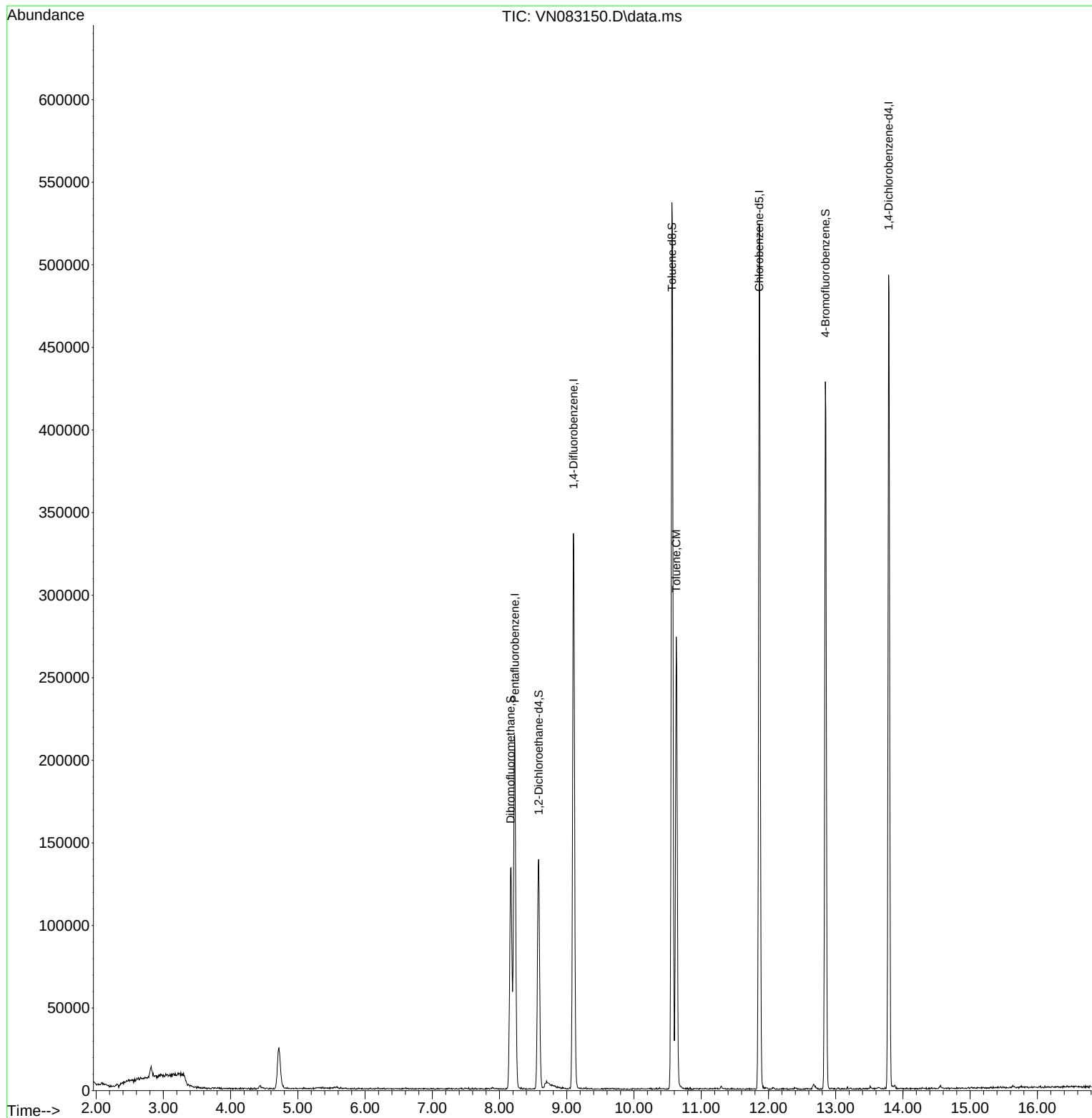
Internal Standards						
1) Pentafluorobenzene	8.229	168	153834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119836	54.728	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.460%	
35) Dibromofluoromethane	8.165	113	96797	53.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.900%	
50) Toluene-d8	10.565	98	368880	55.114	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.220%	
62) 4-Bromofluorobenzene	12.847	95	155691	59.667	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 119.340%	
Target Compounds						
52) Toluene	10.629	92	121153	23.714	ug/l	Qvalue 97

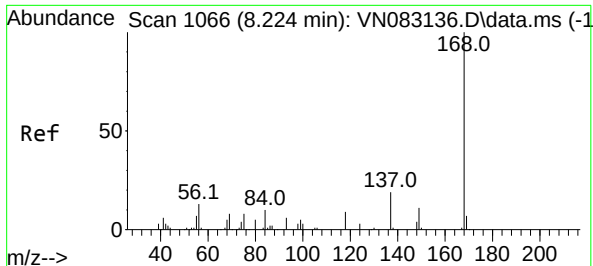
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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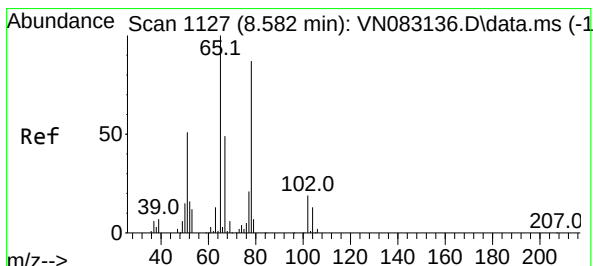
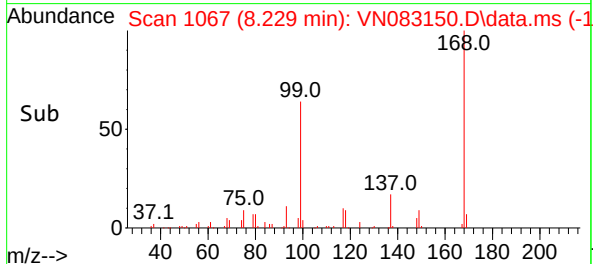
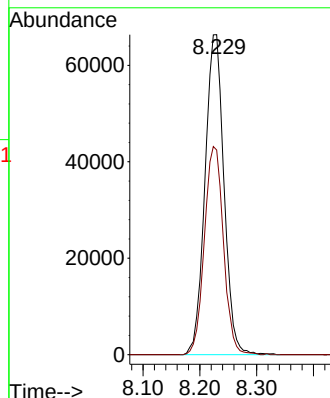
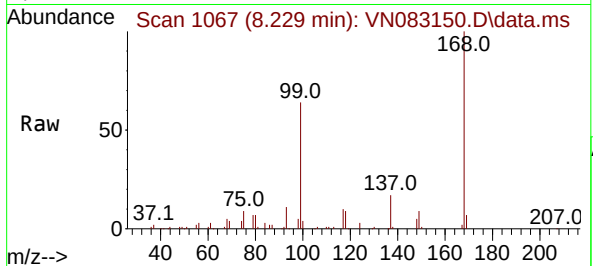




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

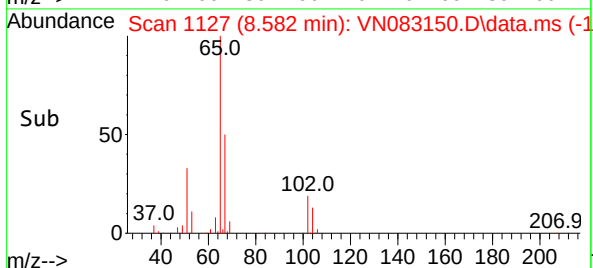
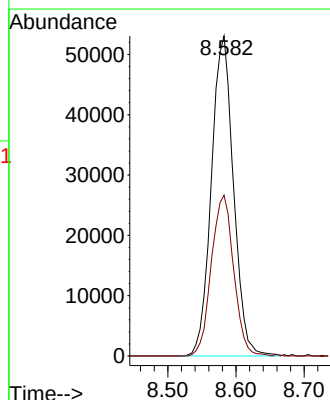
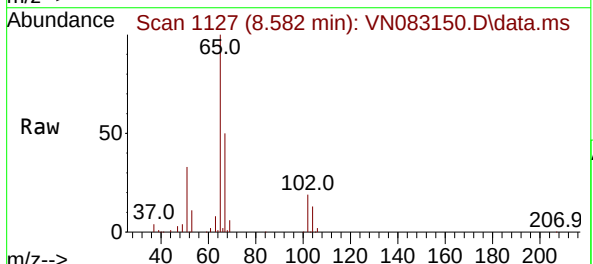
Instrument :
MSVOA_N
ClientSampleId :
MLS-15-135-150

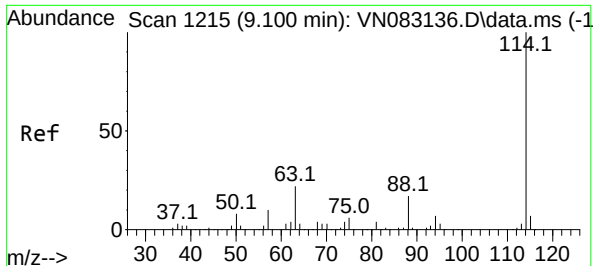
Tgt Ion:168 Resp: 153834
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.728 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

Tgt Ion: 65 Resp: 119836
Ion Ratio Lower Upper
65 100
67 50.7 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: VN083150.D

Acq: 08 Aug 2024 12:57

Instrument :

MSVOA_N

ClientSampleId :

MLS-15-135-150

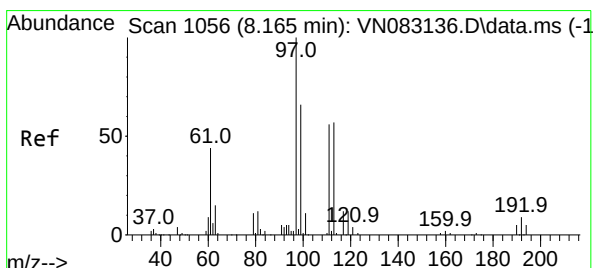
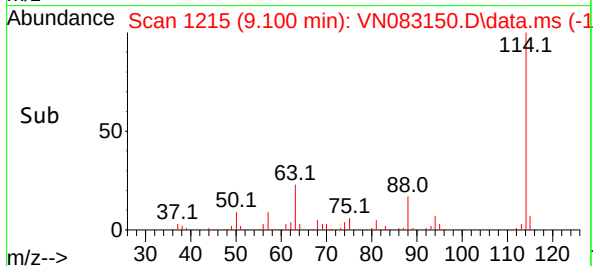
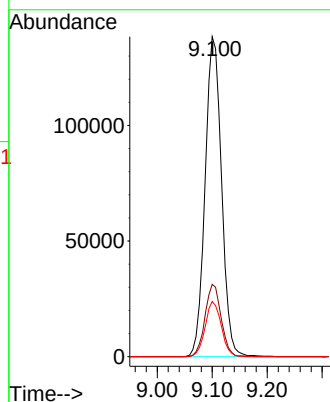
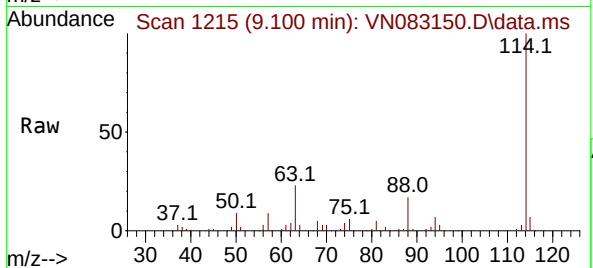
Tgt Ion:114 Resp: 287462

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 17.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.948 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083150.D

Acq: 08 Aug 2024 12:57

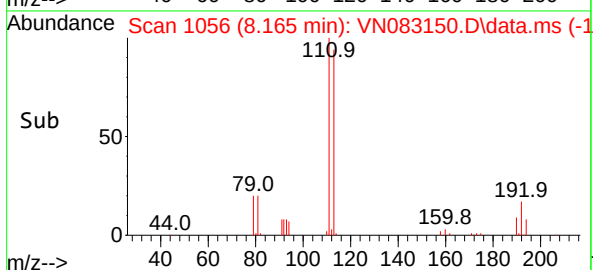
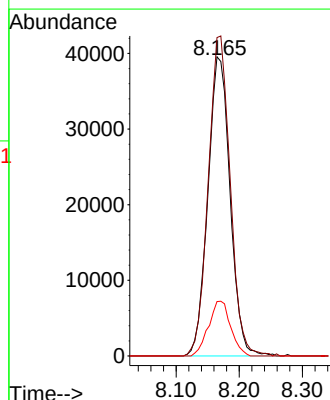
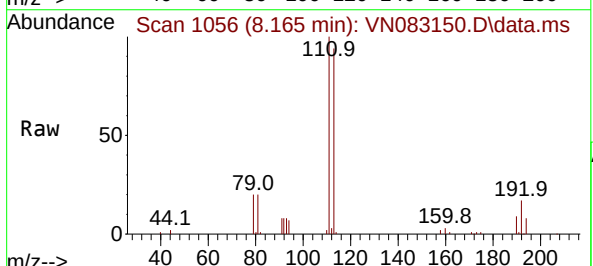
Tgt Ion:113 Resp: 96797

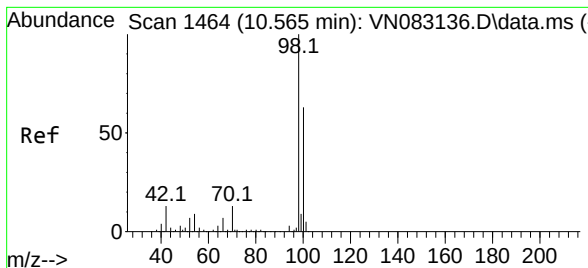
Ion Ratio Lower Upper

113 100

111 105.5 82.4 123.6

192 18.2 14.9 22.3

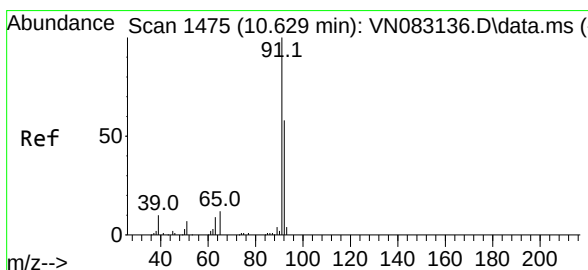
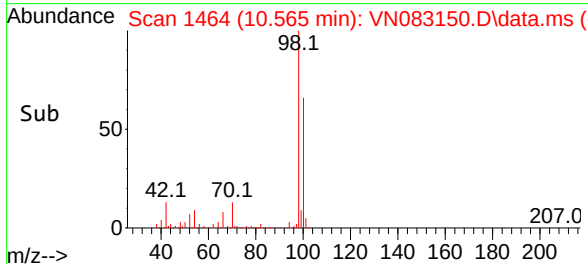
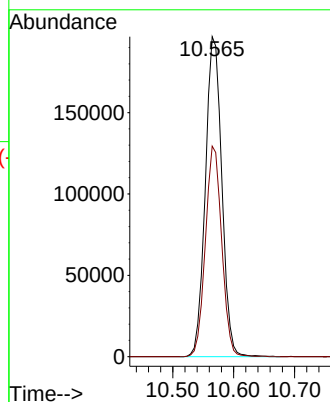
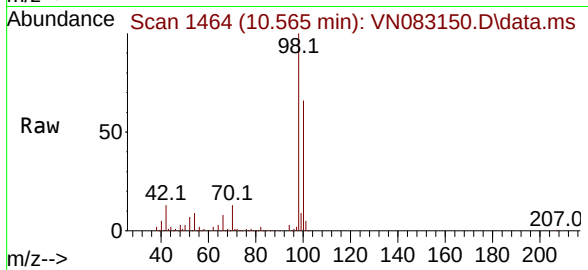




#50
Toluene-d8
Concen: 55.114 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

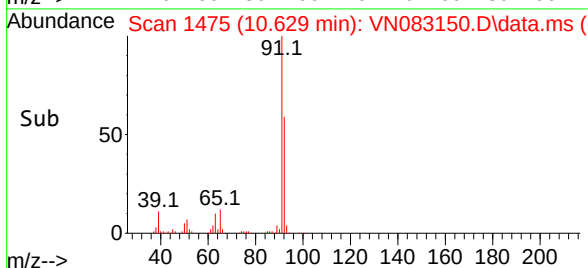
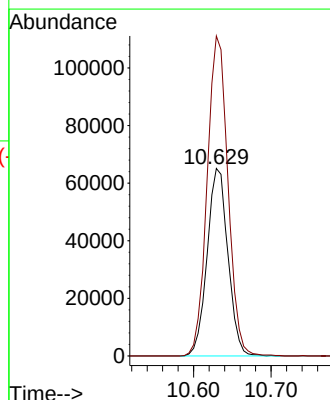
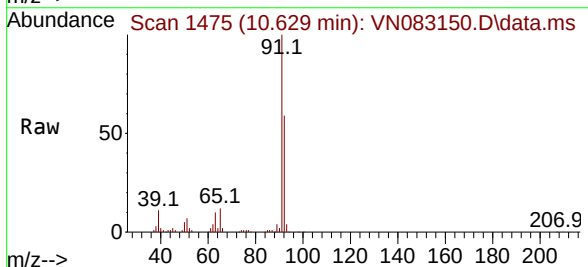
Instrument :
MSVOA_N
ClientSampleId :
MLS-15-135-150

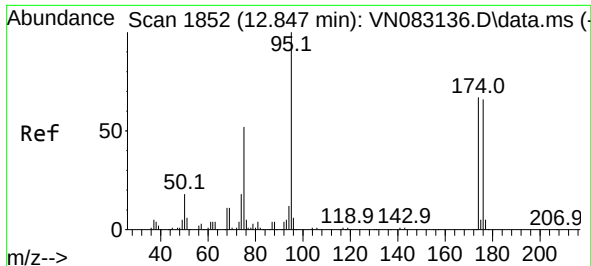
Tgt Ion: 98 Resp: 368880
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#52
Toluene
Concen: 23.714 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

Tgt Ion: 92 Resp: 121153
Ion Ratio Lower Upper
92 100
91 170.7 139.4 209.0

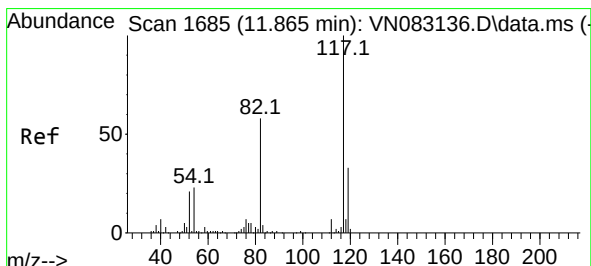
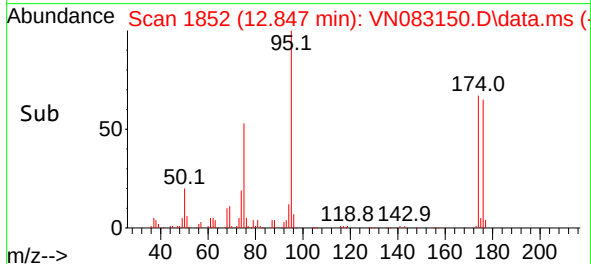
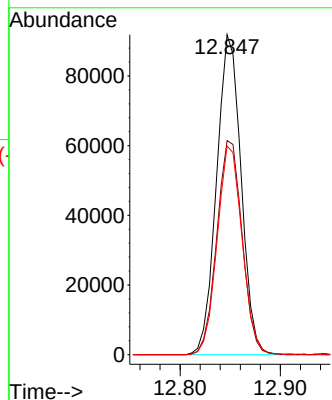
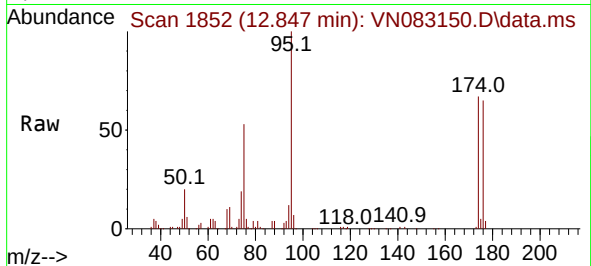




#62
4-Bromofluorobenzene
Concen: 59.667 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

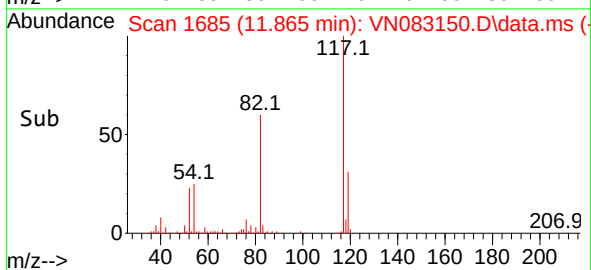
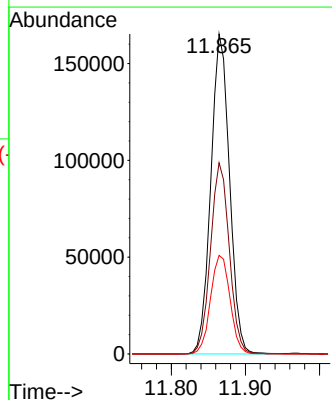
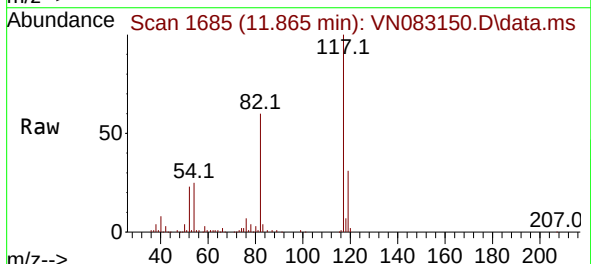
Instrument :
MSVOA_N
ClientSampleId :
MLS-15-135-150

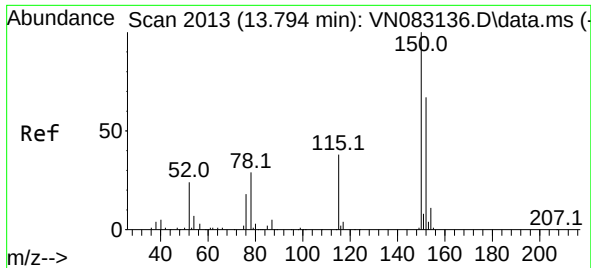
Tgt Ion: 95 Resp: 155691
Ion Ratio Lower Upper
95 100
174 69.2 0.0 159.2
176 66.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

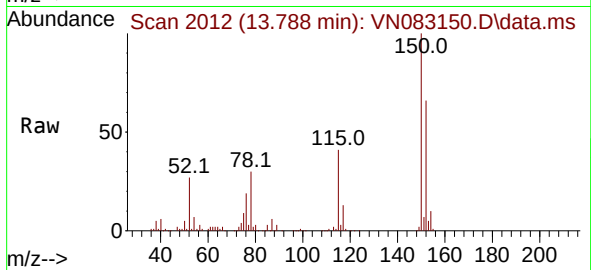
Tgt Ion: 117 Resp: 289869
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 30.8 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN083150.D
Acq: 08 Aug 2024 12:57

Instrument :
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ClientSampleId :
MLS-15-135-150



Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	30.6	91.6
150	156.9	0.0	348.6

