

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083151.D
 Acq On : 08 Aug 2024 13:22
 Operator : JC\MD
 Sample : P3415-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MLS-15-70-85

Quant Time: Aug 08 14:25:34 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)

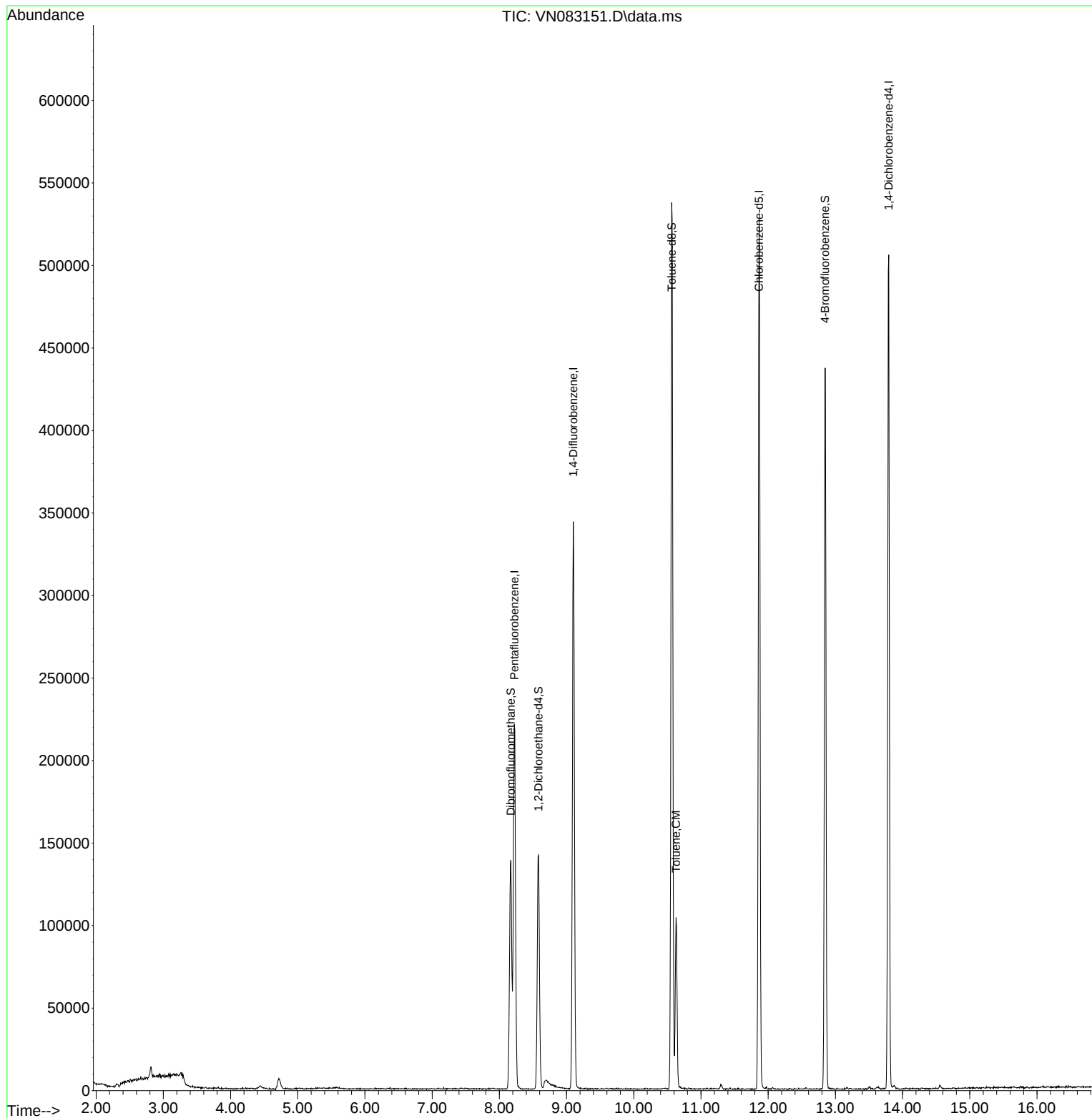
Internal Standards						
1) Pentafluorobenzene	8.224	168	156989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	122679	54.901	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.800%	
35) Dibromofluoromethane	8.171	113	100621	54.959	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.920%	
50) Toluene-d8	10.565	98	378490	55.420	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.840%	
62) 4-Bromofluorobenzene	12.847	95	157678	59.221	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 118.440%	
Target Compounds						
52) Toluene	10.629	92	45360	8.701	ug/l	Qvalue 99

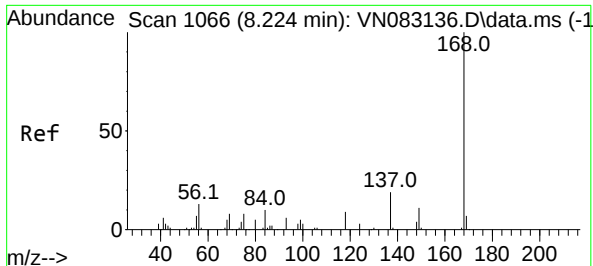
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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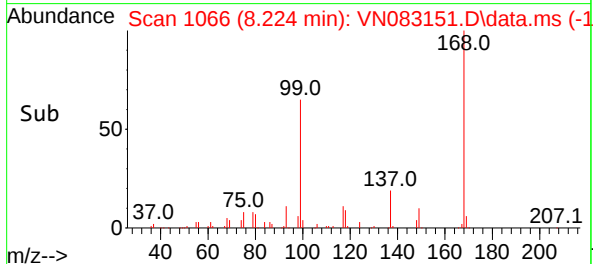
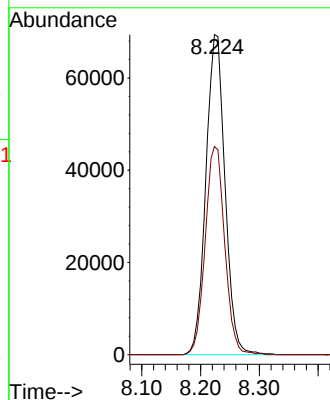
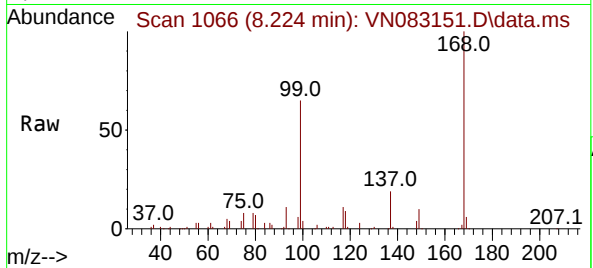




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083151.D
Acq: 08 Aug 2024 13:22

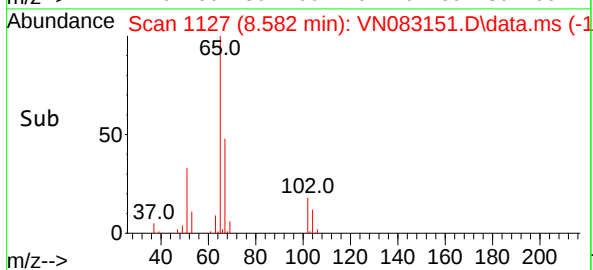
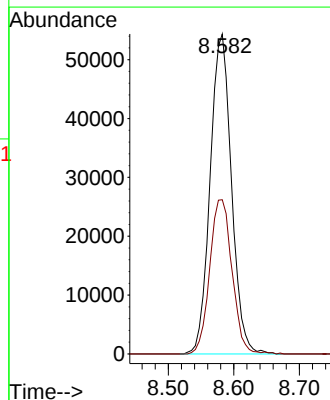
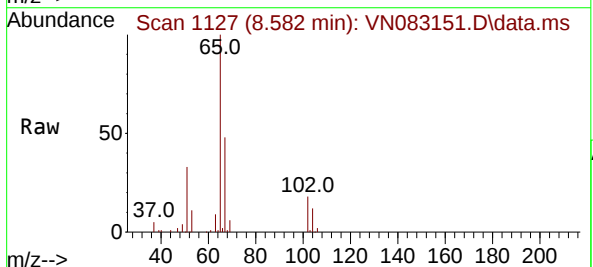
Instrument :
MSVOA_N
ClientSampleId :
MLS-15-70-85

Tgt Ion:168 Resp: 156989
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.901 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN083151.D
Acq: 08 Aug 2024 13:22

Tgt Ion: 65 Resp: 122679
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# 1

Delta R.T. -0.000 min

Lab File: VN083151.D

Acq: 08 Aug 2024 13:22

Instrument :

MSVOA_N

ClientSampleId :

MLS-15-70-85

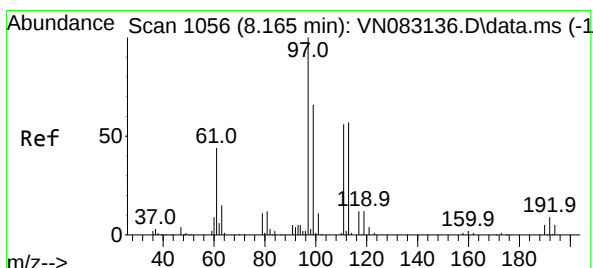
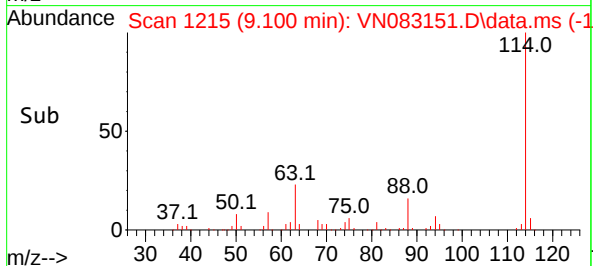
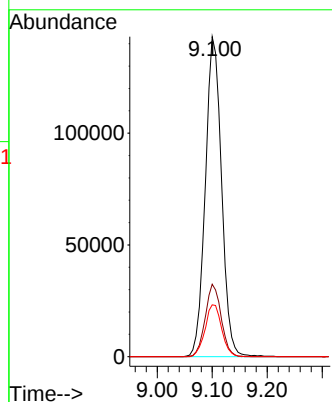
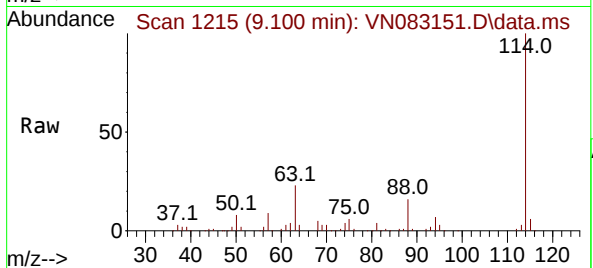
Tgt Ion:114 Resp: 293319

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.959 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083151.D

Acq: 08 Aug 2024 13:22

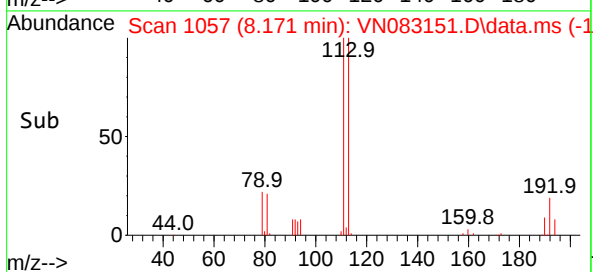
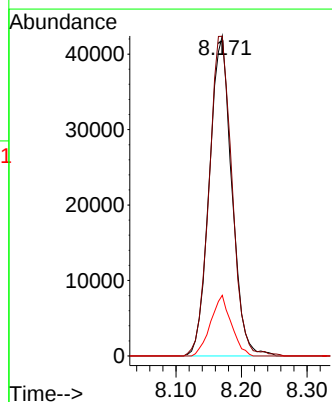
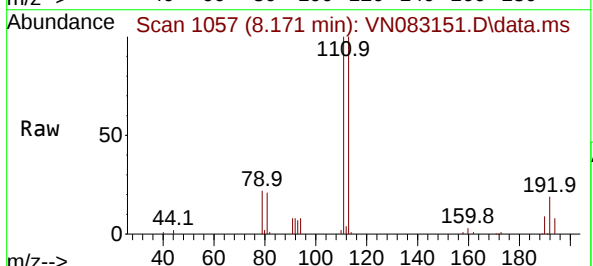
Tgt Ion:113 Resp: 100621

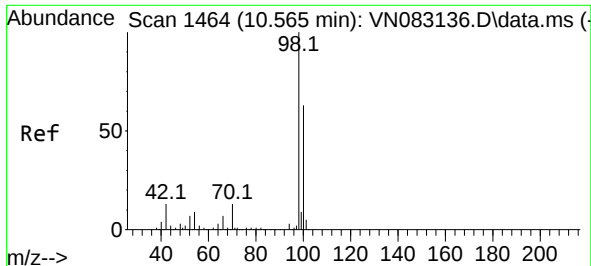
Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 17.5 14.9 22.3

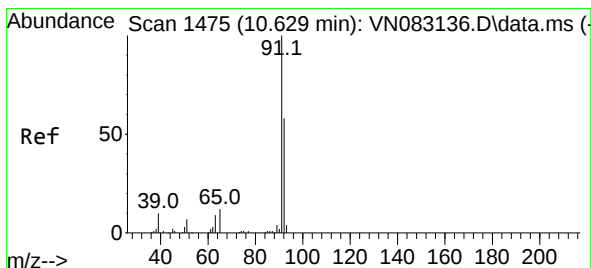
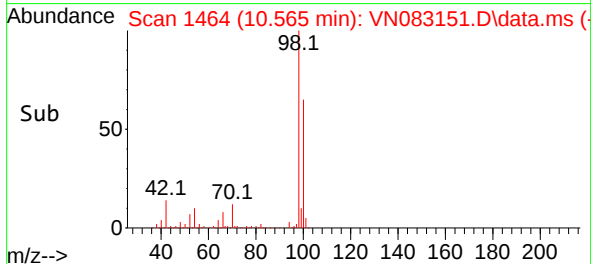
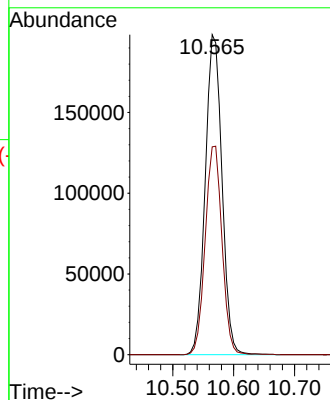
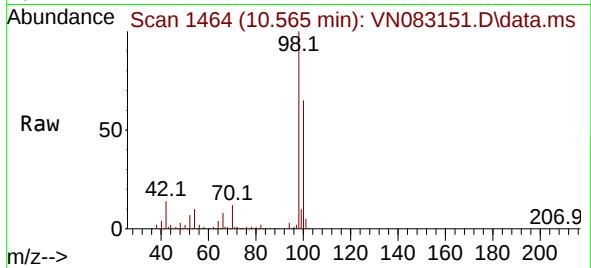




#50
Toluene-d8
Concen: 55.420 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083151.D
Acq: 08 Aug 2024 13:22

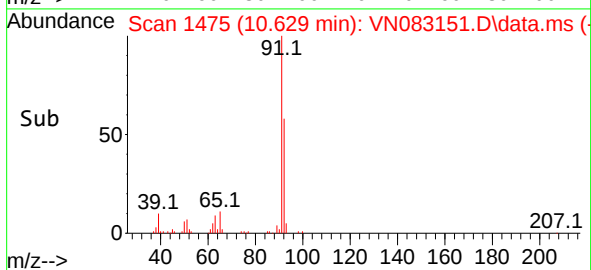
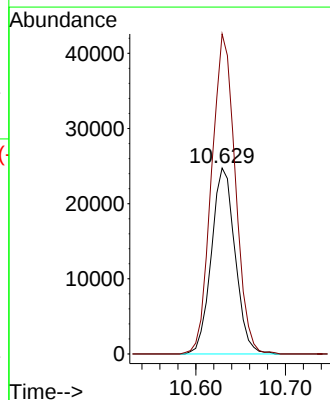
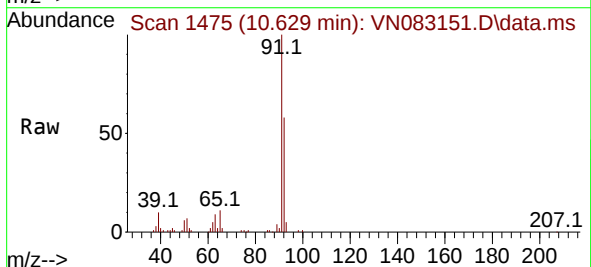
Instrument :
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MLS-15-70-85

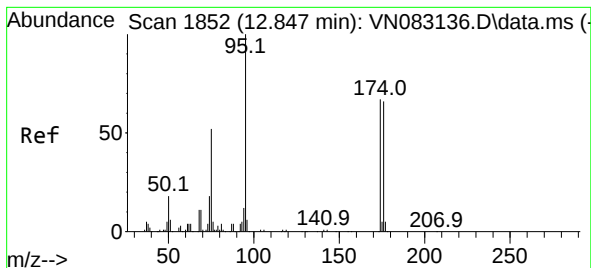
Tgt Ion: 98 Resp: 378490
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3



#52
Toluene
Concen: 8.701 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083151.D
Acq: 08 Aug 2024 13:22

Tgt Ion: 92 Resp: 45360
Ion Ratio Lower Upper
92 100
91 172.9 139.4 209.0

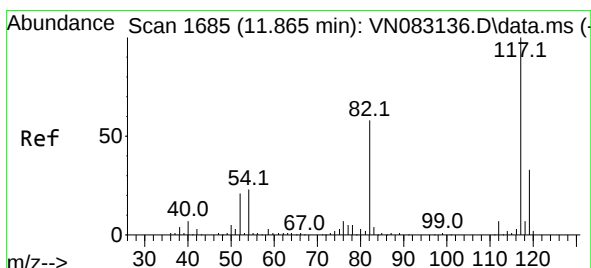
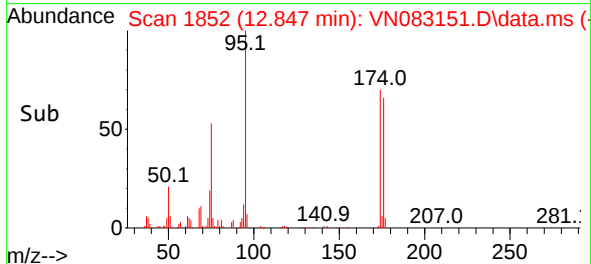
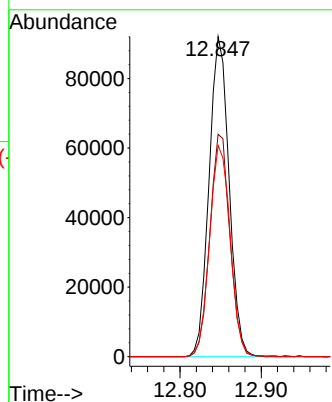
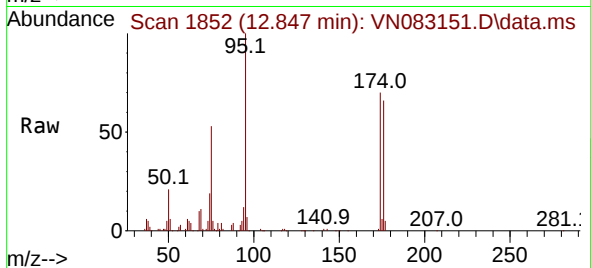




#62
4-Bromofluorobenzene
Concen: 59.221 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083151.D
Acq: 08 Aug 2024 13:22

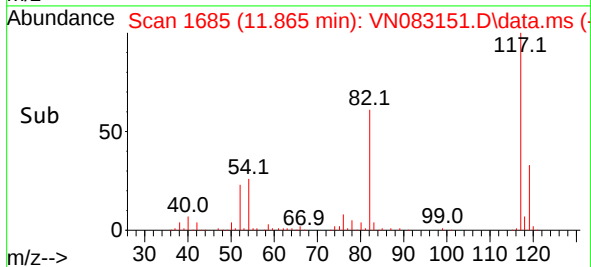
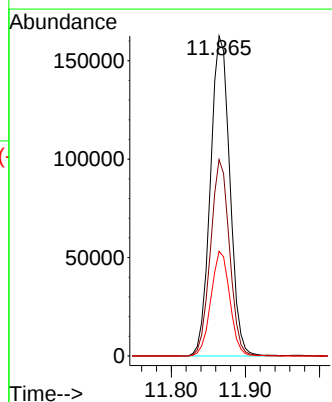
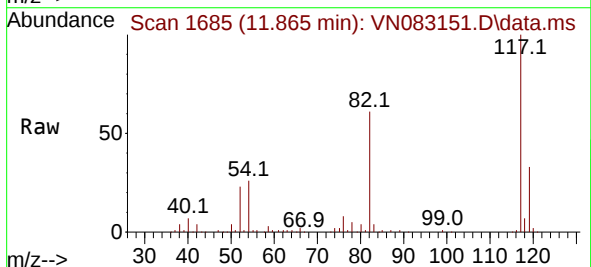
Instrument :
MSVOA_N
ClientSampleId :
MLS-15-70-85

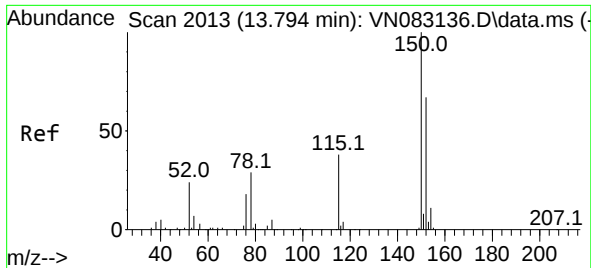
Tgt Ion: 95 Resp: 157678
Ion Ratio Lower Upper
95 100
174 69.4 0.0 159.2
176 68.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083151.D
Acq: 08 Aug 2024 13:22

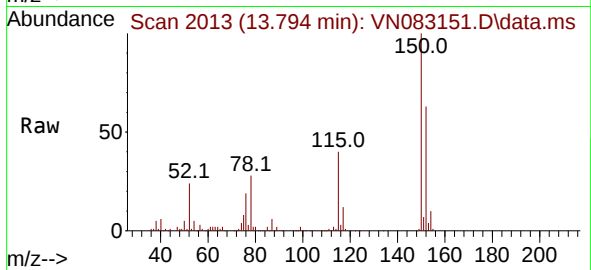
Tgt Ion: 117 Resp: 296087
Ion Ratio Lower Upper
117 100
82 61.4 47.5 71.3
119 32.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083151.D
 Acq: 08 Aug 2024 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MLS-15-70-85



Tgt Ion:152 Resp: 130432
 Ion Ratio Lower Upper
 152 100
 115 64.4 30.6 91.6
 150 160.8 0.0 348.6

