

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083952.D
 Acq On : 17 Sep 2024 17:53
 Operator : JC\MD
 Sample : P3940-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AST-2024-4036-PRIM

Quant Time: Sep 18 01:53:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	147201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	211240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	116890	52.663	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.320%
35) Dibromofluoromethane	8.165	113	82596	50.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.760%
50) Toluene-d8	10.565	98	301600	53.744	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.480%
62) 4-Bromofluorobenzene	12.847	95	107114	46.264	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.520%

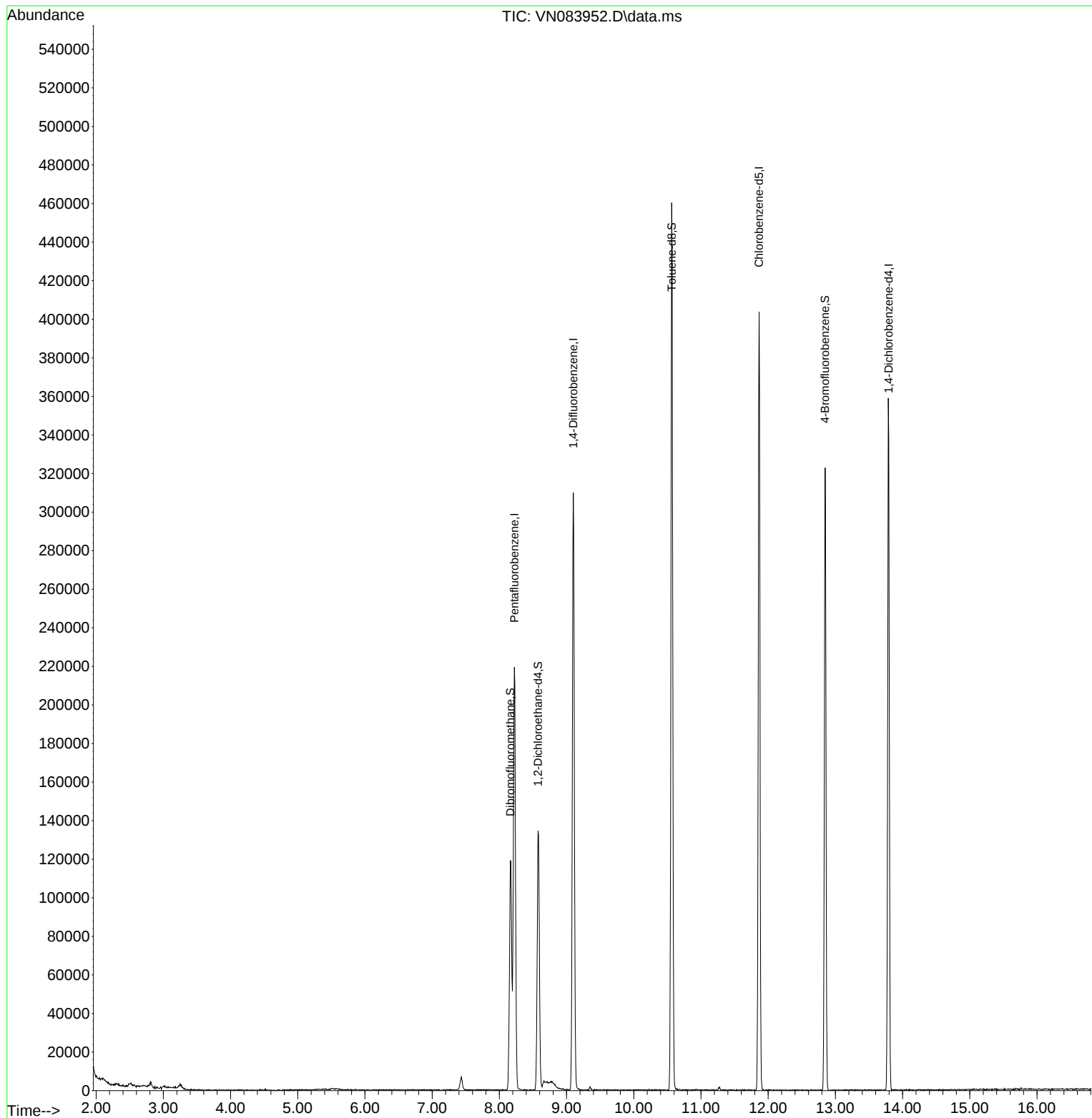
Target Compounds	Qvalue

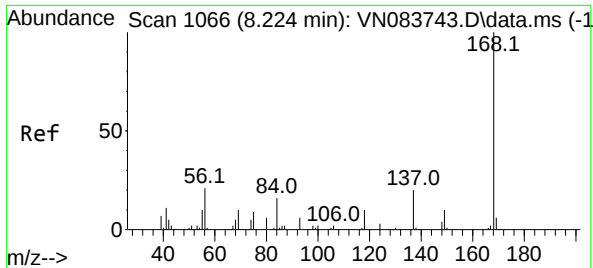
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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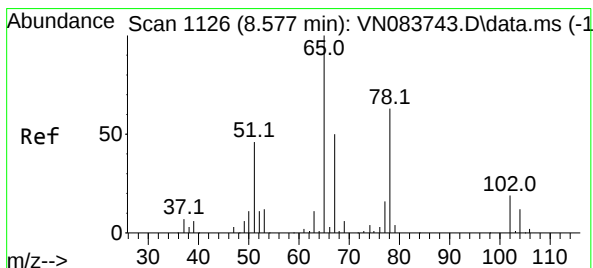
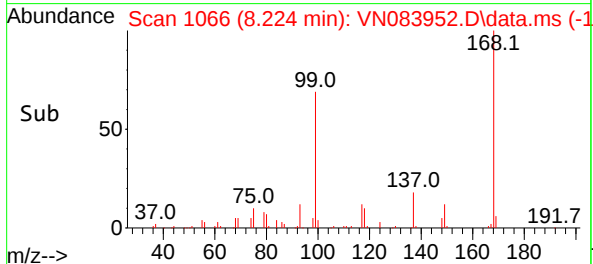
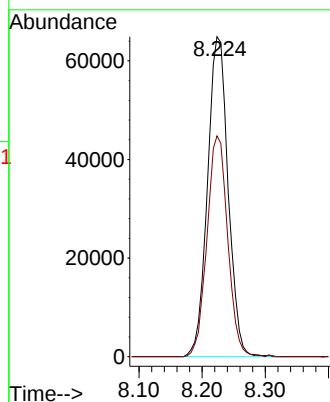
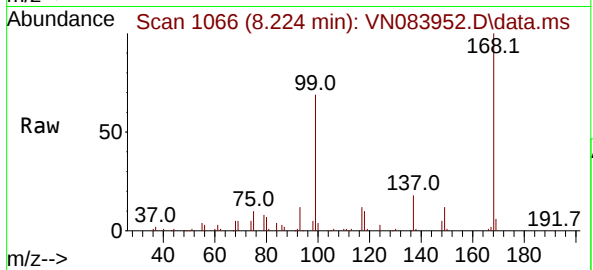




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

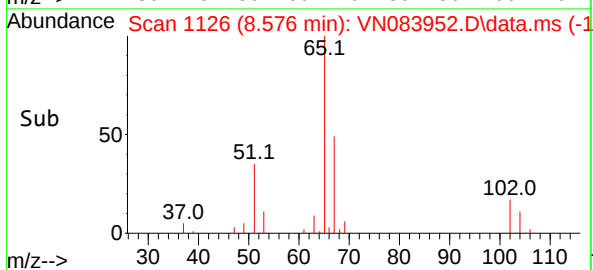
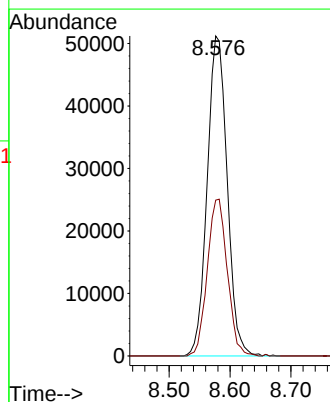
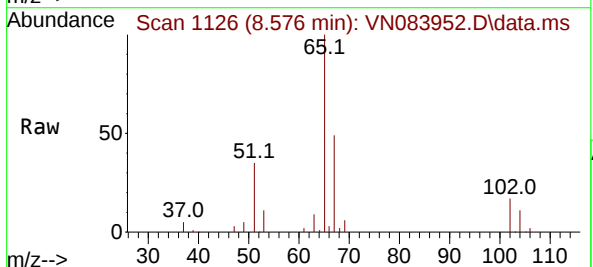
Instrument :
MSVOA_N
ClientSampleId :
AST-2024-4036-PRIM

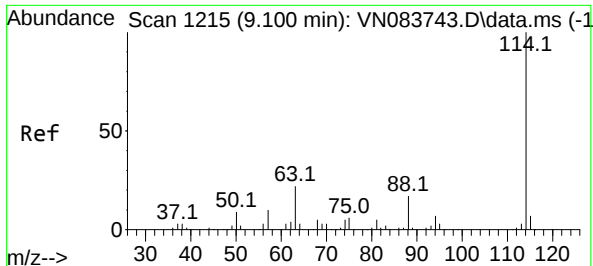
Tgt Ion:168 Resp: 147201
Ion Ratio Lower Upper
168 100
99 69.0 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 52.663 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

Tgt Ion: 65 Resp: 116890
Ion Ratio Lower Upper
65 100
67 49.0 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: VN083952.D

Acq: 17 Sep 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

AST-2024-4036-PRIM

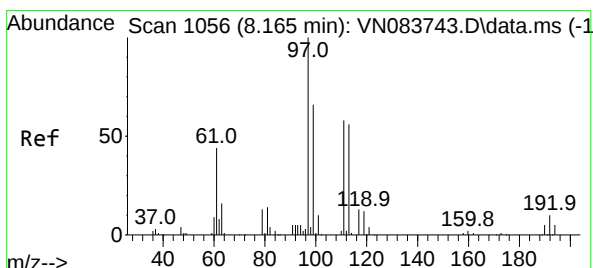
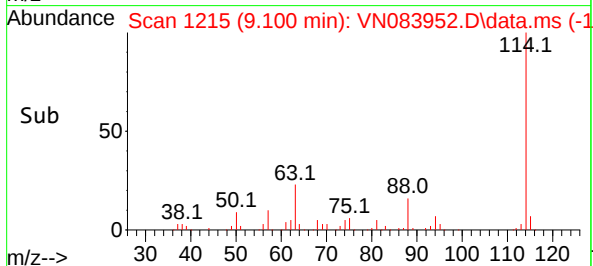
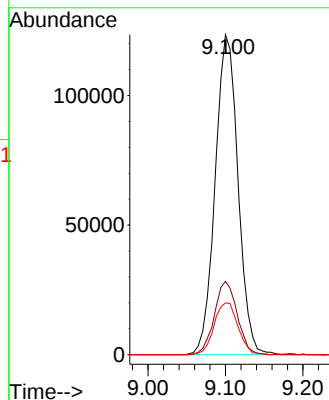
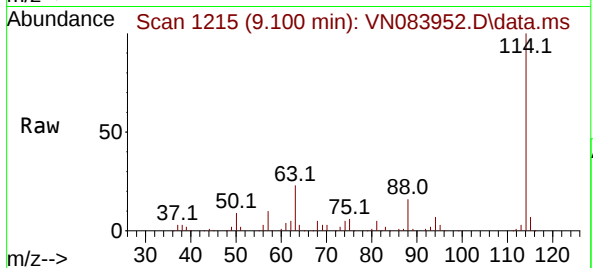
Tgt Ion:114 Resp: 253565

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.882 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083952.D

Acq: 17 Sep 2024 17:53

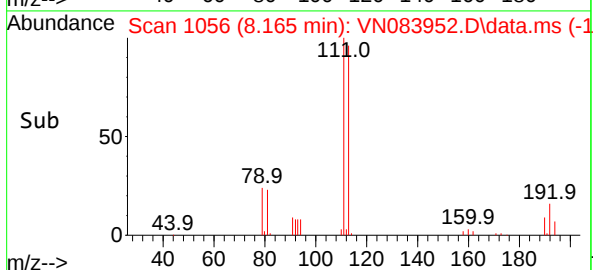
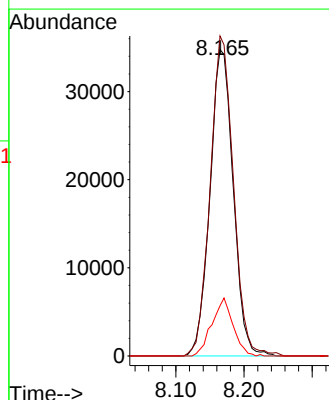
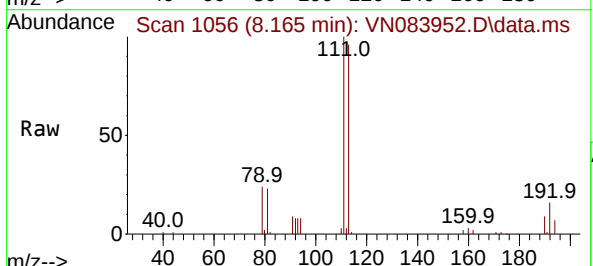
Tgt Ion:113 Resp: 82596

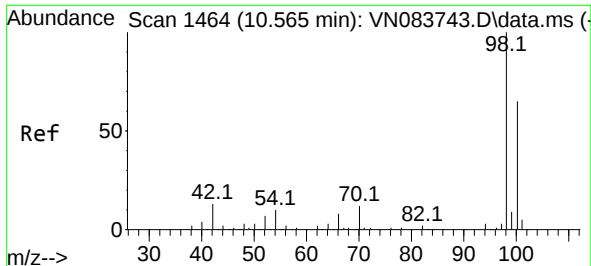
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 17.3 14.3 21.5

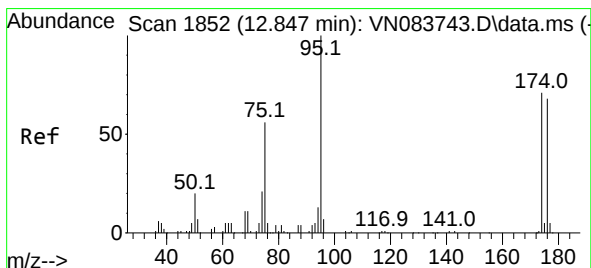
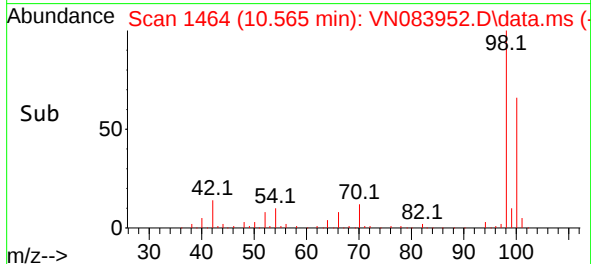
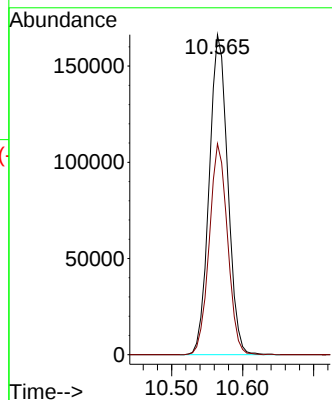
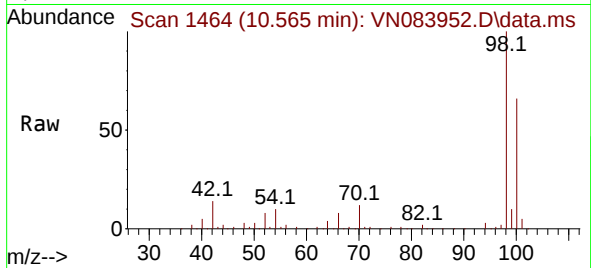




#50
Toluene-d8
Concen: 53.744 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

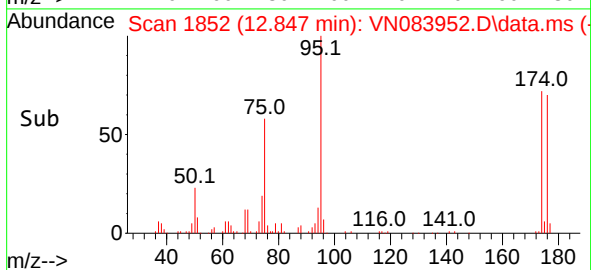
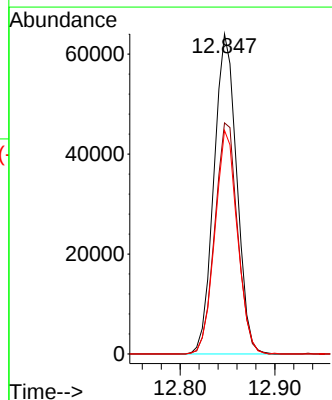
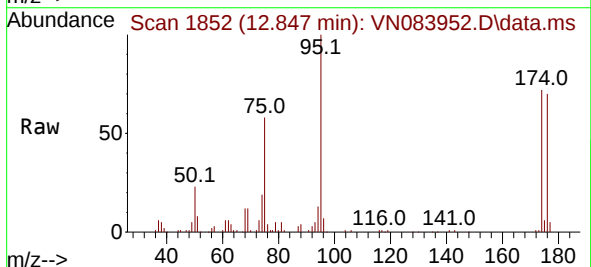
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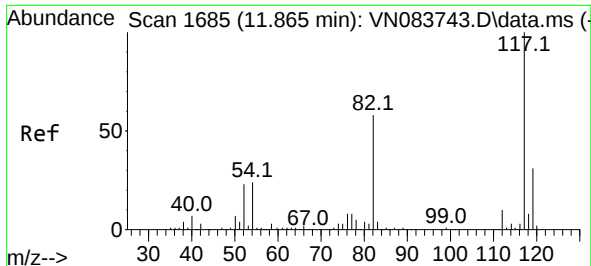
Tgt Ion: 98 Resp: 301600
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.264 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

Tgt Ion: 95 Resp: 107114
Ion Ratio Lower Upper
95 100
174 72.2 0.0 139.8
176 69.1 0.0 131.4

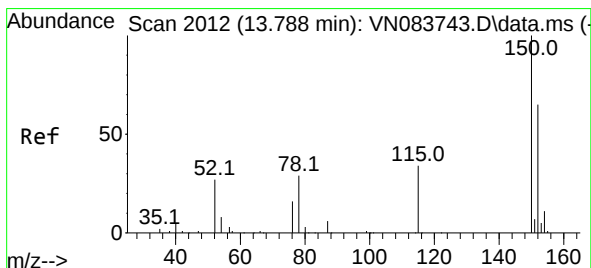
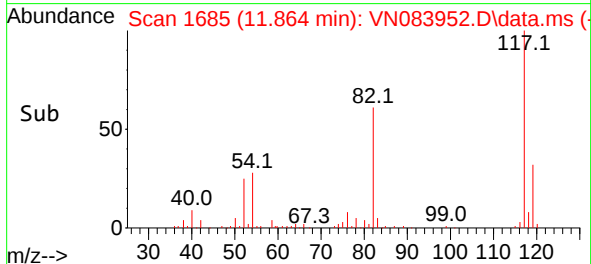
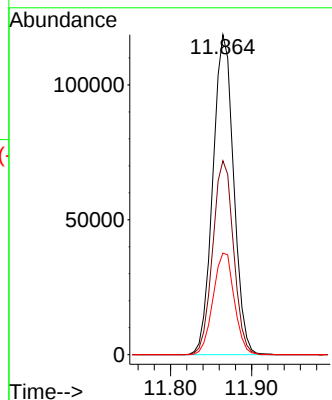
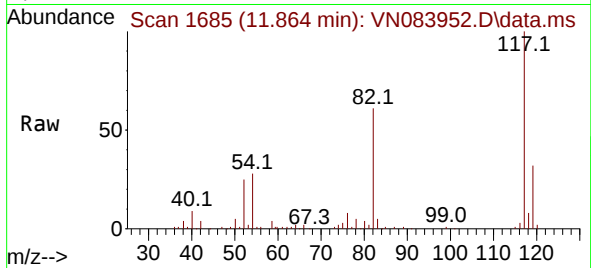




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

Instrument :
MSVOA_N
ClientSampleId :
AST-2024-4036-PRIM

Tgt Ion:117 Resp: 211240
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083952.D
Acq: 17 Sep 2024 17:53

Tgt Ion:152 Resp: 89979
Ion Ratio Lower Upper
152 100
115 63.0 32.2 96.6
150 157.8 0.0 348.6

