

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083950.D
 Acq On : 17 Sep 2024 17:05
 Operator : JC\MD
 Sample : P3996-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Sep 18 01:52:15 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	151205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92966	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117505	51.538	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.080%
35) Dibromofluoromethane	8.165	113	83079	49.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	10.565	98	311335	54.157	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.320%
62) 4-Bromofluorobenzene	12.847	95	111635	47.067	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.140%

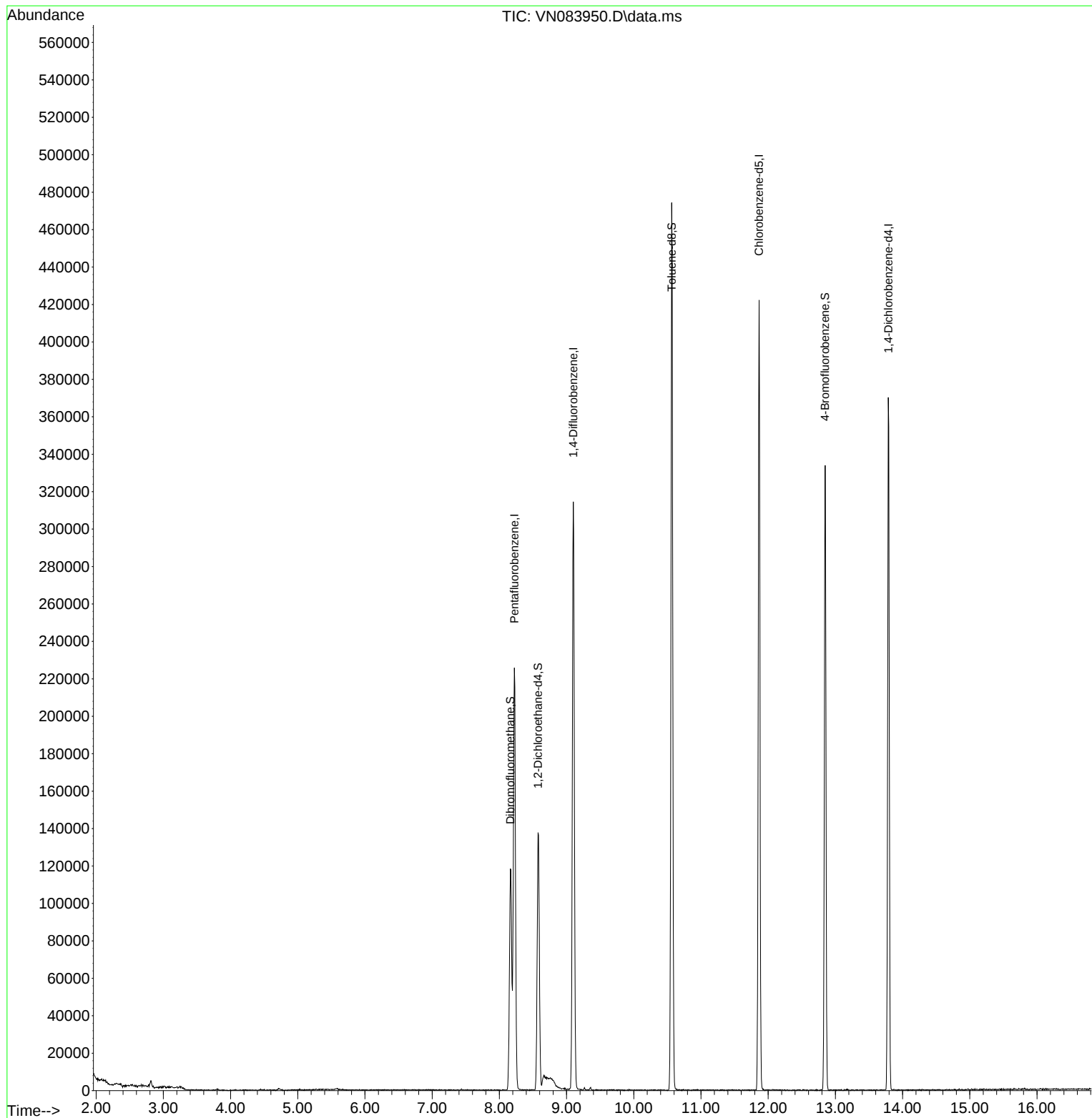
Target Compounds	Qvalue

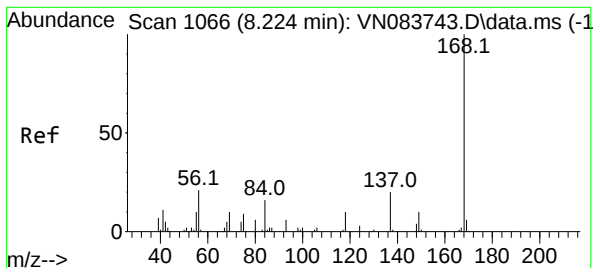
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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MSVOA_N

ClientSampleId :

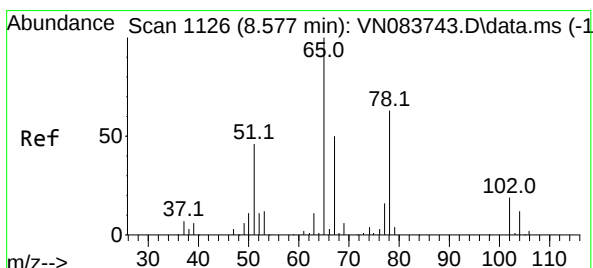
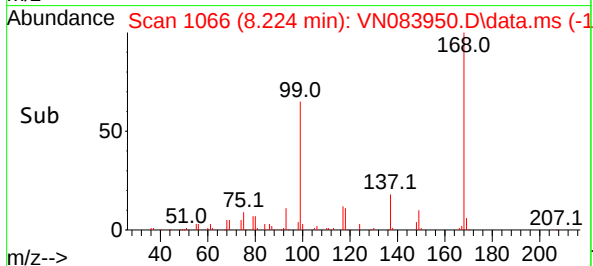
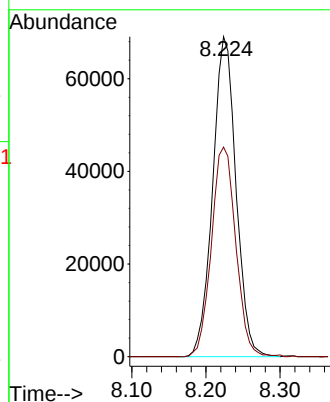
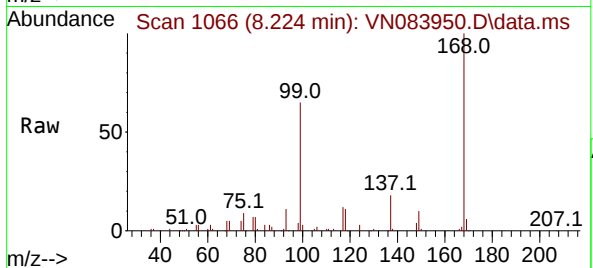
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 151205

Ion Ratio Lower Upper

168 100

99 65.5 54.2 81.2



#33

1,2-Dichloroethane-d4

Concen: 51.538 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083950.D

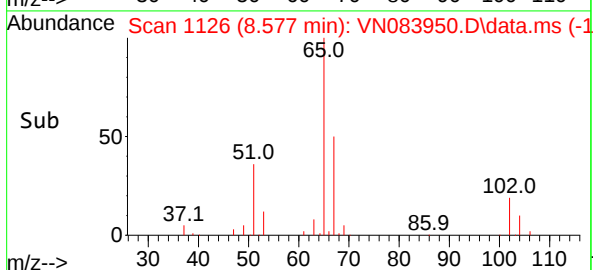
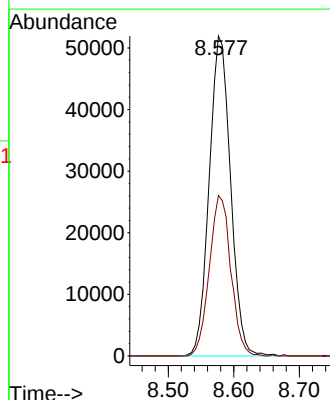
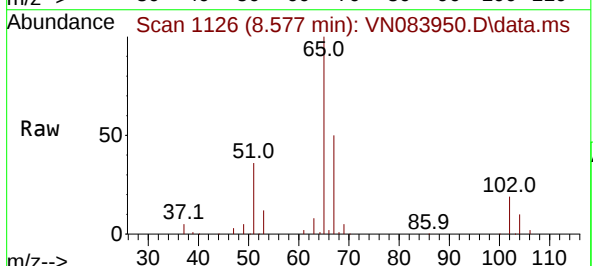
Acq: 17 Sep 2024 17:05

Tgt Ion: 65 Resp: 117505

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.8

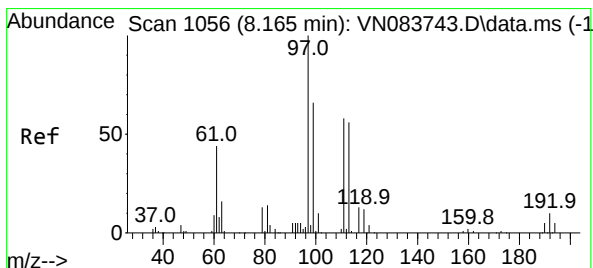
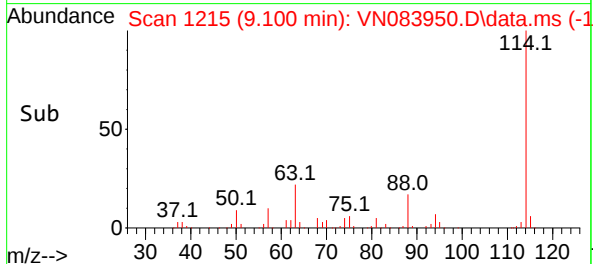
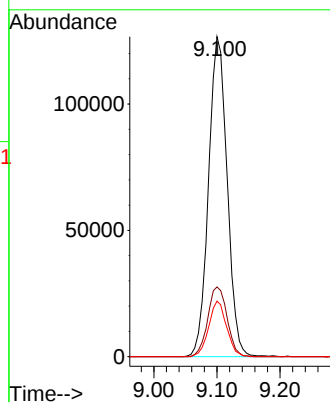
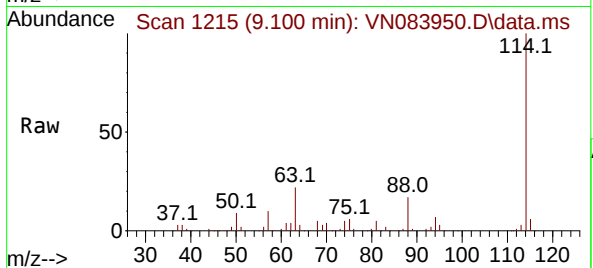




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

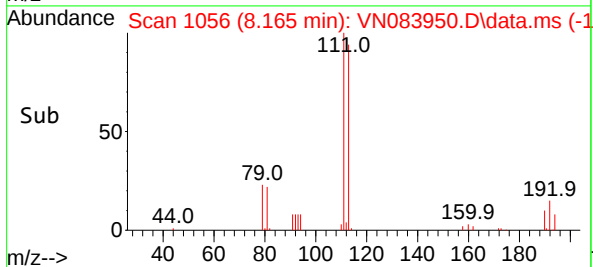
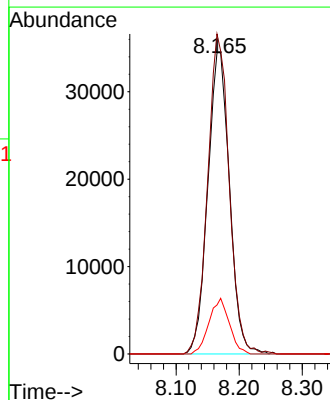
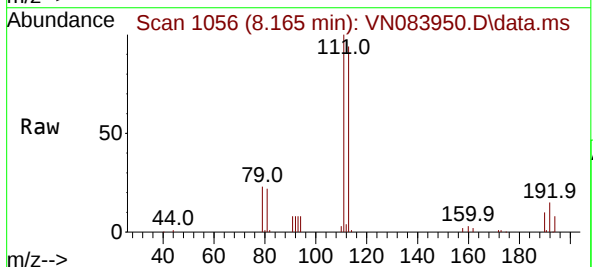
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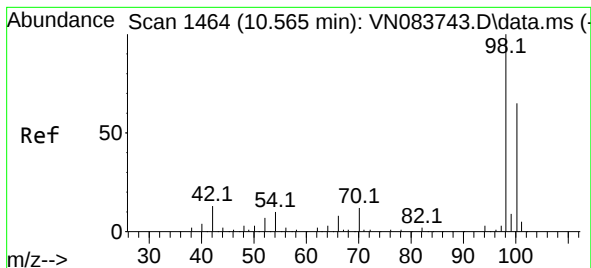
Tgt Ion:114 Resp: 259755
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.4
88 17.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.960 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

Tgt Ion:113 Resp: 83079
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 17.1 14.3 21.5

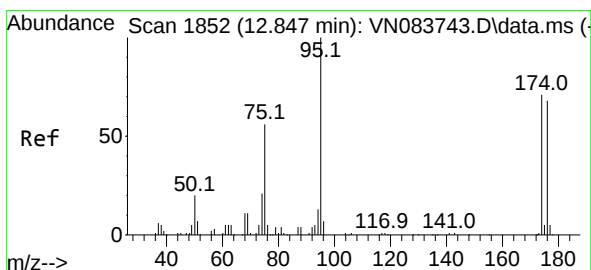
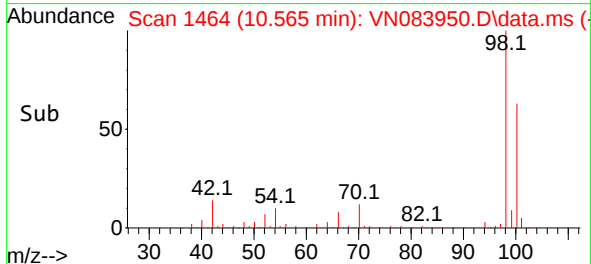
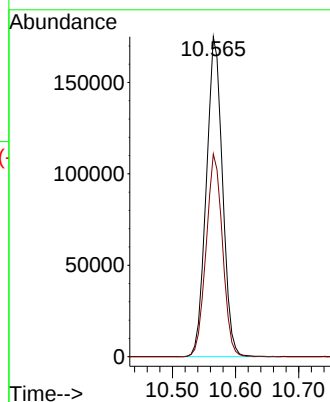
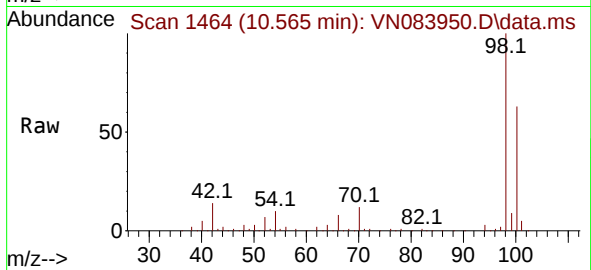




#50
Toluene-d8
Concen: 54.157 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

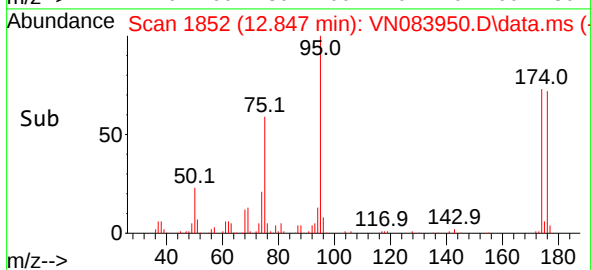
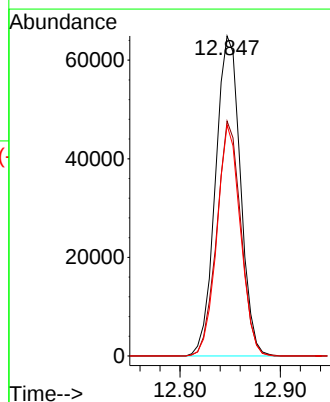
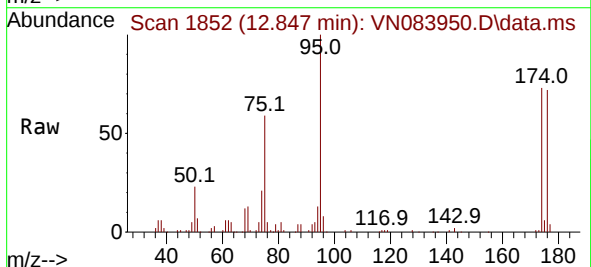
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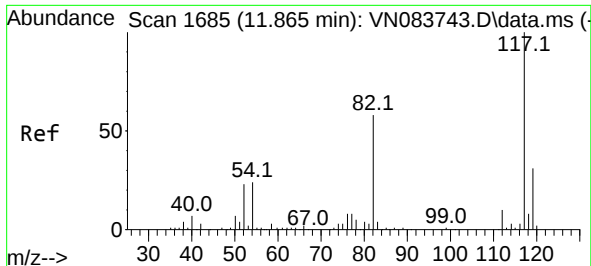
Tgt Ion: 98 Resp: 311335
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.067 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

Tgt Ion: 95 Resp: 111635
Ion Ratio Lower Upper
95 100
174 70.9 0.0 139.8
176 68.1 0.0 131.4

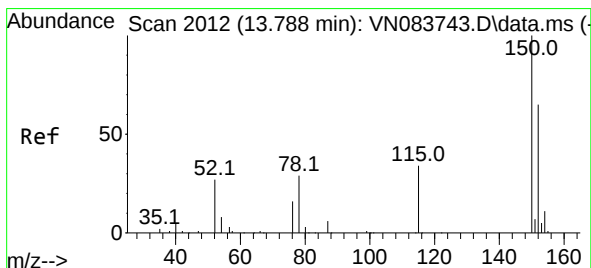
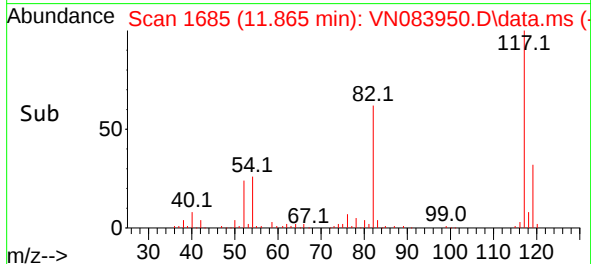
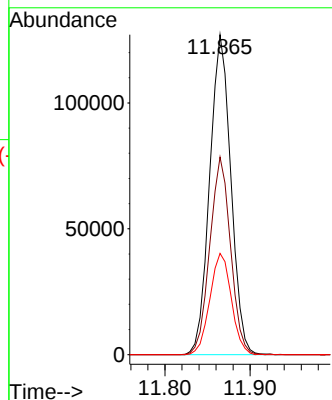
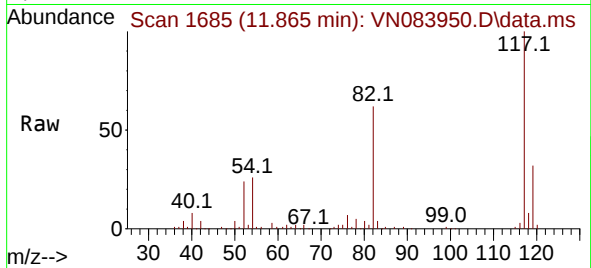




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:117 Resp: 219906
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.0
119 31.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

Tgt Ion:152 Resp: 92966
Ion Ratio Lower Upper
152 100
115 62.8 32.2 96.6
150 157.5 0.0 348.6

