

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083338.D
 Acq On : 15 Aug 2024 18:02
 Operator : JC\MD
 Sample : P3456-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Aug 16 03:58:36 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	125959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	246799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	105253	58.706	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.420%
35) Dibromofluoromethane	8.171	113	85917	55.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.540%
50) Toluene-d8	10.571	98	314260	54.689	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.380%
62) 4-Bromofluorobenzene	12.847	95	128479	57.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.700%

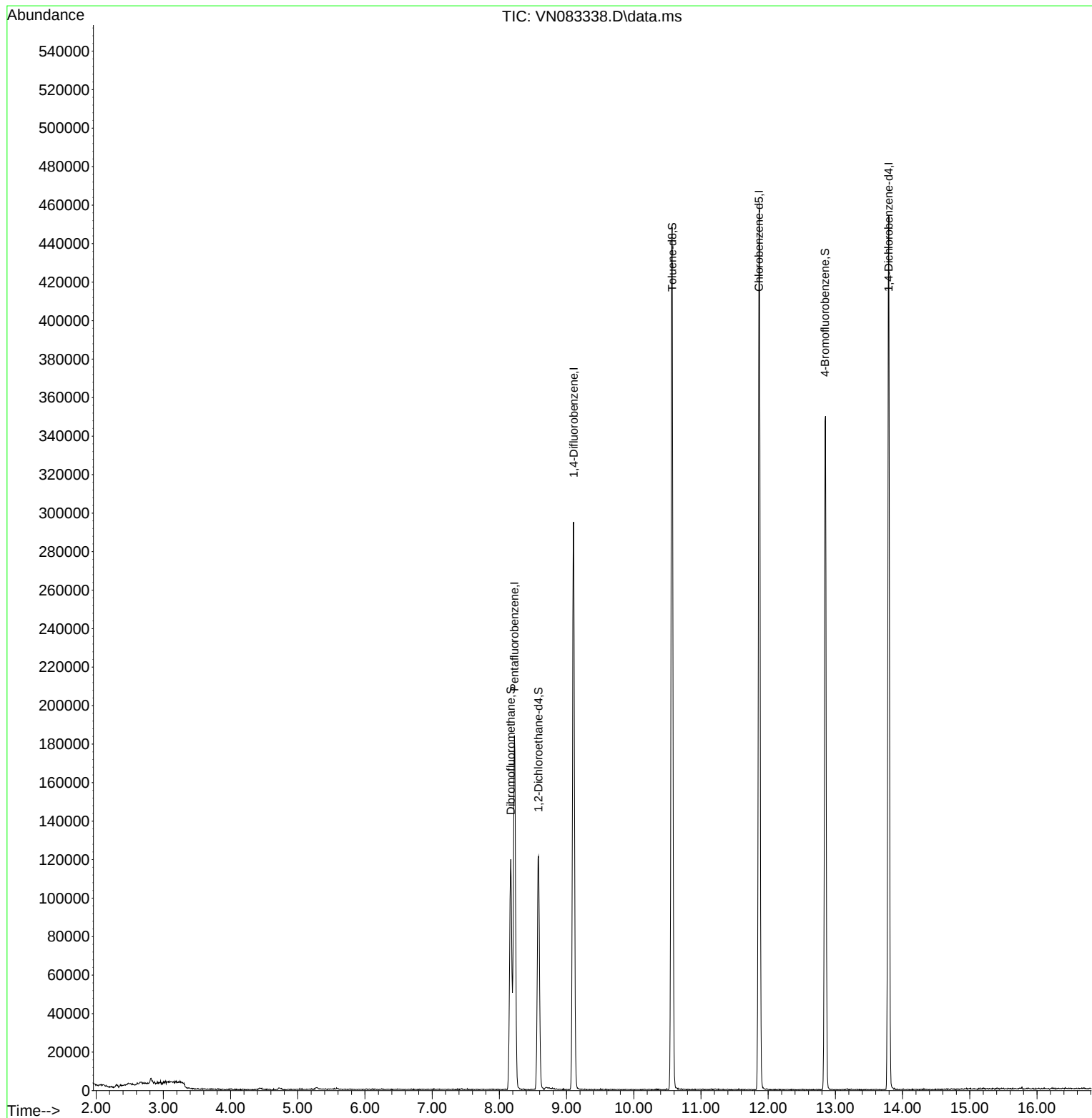
Target Compounds	Qvalue

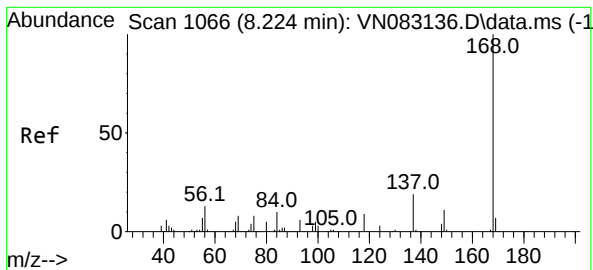
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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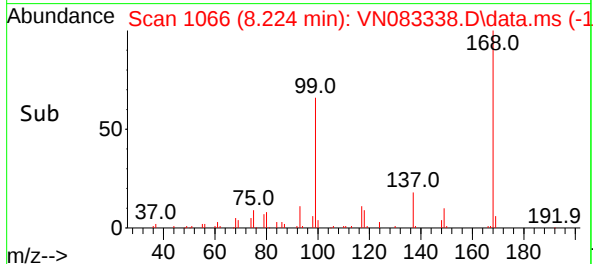
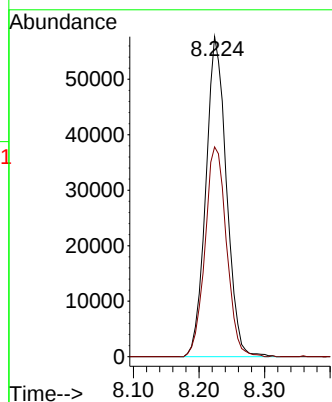
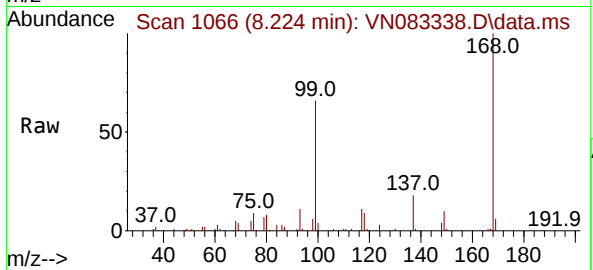




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083338.D
Acq: 15 Aug 2024 18:02

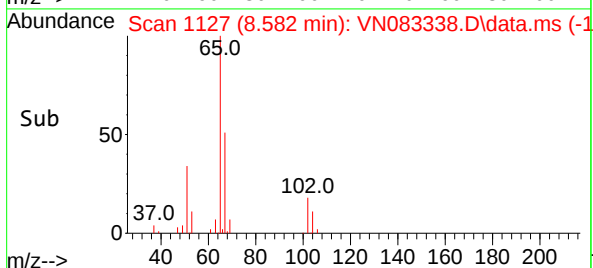
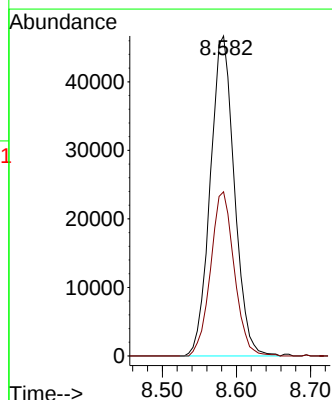
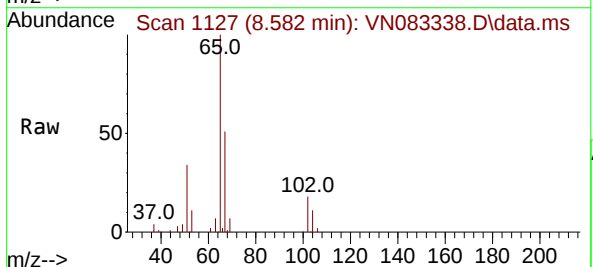
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 125959
Ion Ratio Lower Upper
168 100
99 65.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 58.706 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083338.D
Acq: 15 Aug 2024 18:02

Tgt Ion: 65 Resp: 105253
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083338.D

Acq: 15 Aug 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

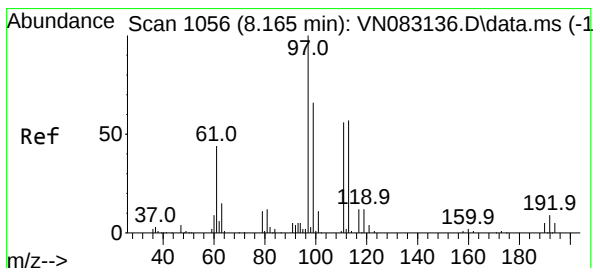
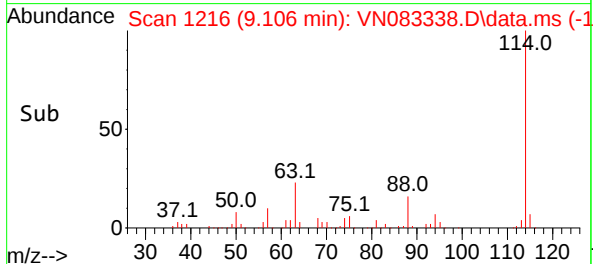
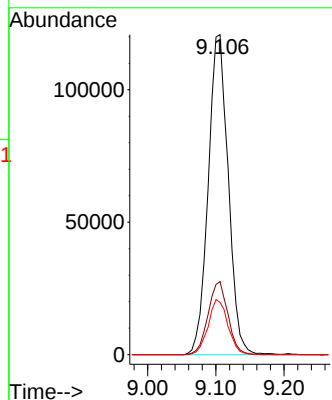
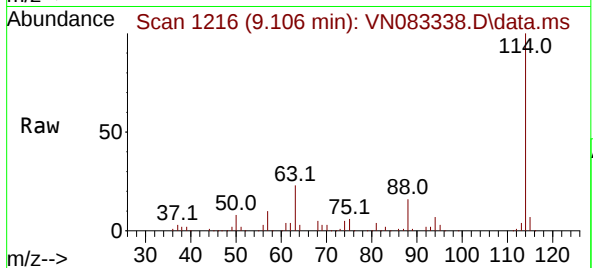
Tgt Ion:114 Resp: 246799

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.773 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083338.D

Acq: 15 Aug 2024 18:02

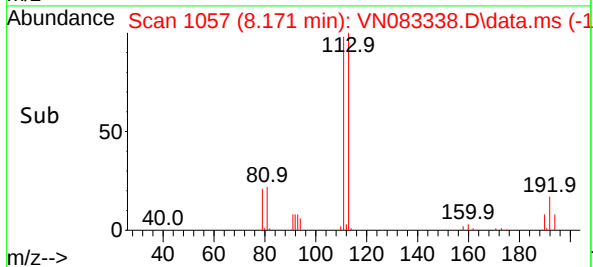
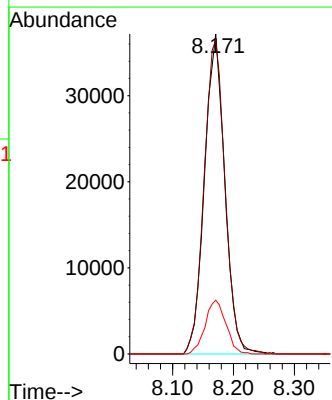
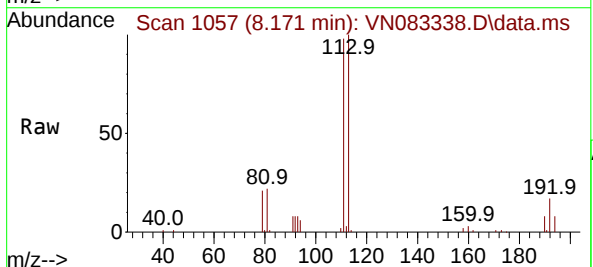
Tgt Ion:113 Resp: 85917

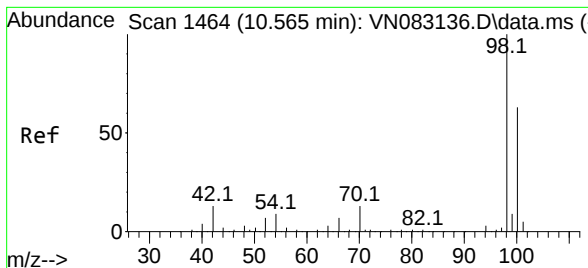
Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 17.2 14.9 22.3

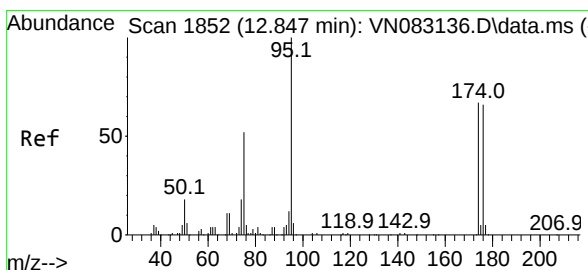
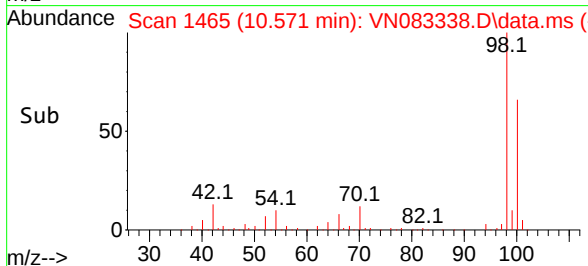
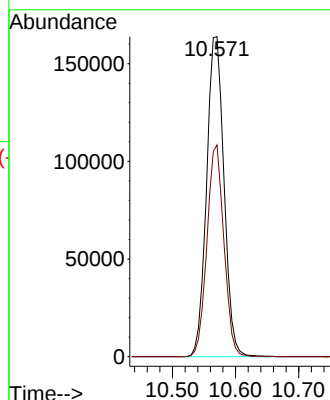
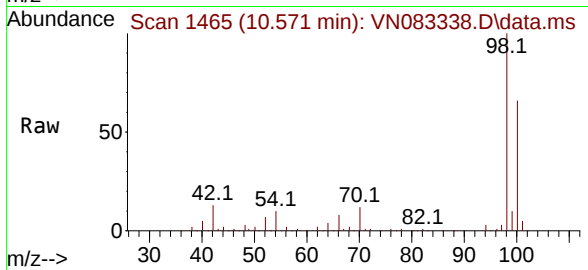




#50
Toluene-d8
Concen: 54.689 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083338.D
Acq: 15 Aug 2024 18:02

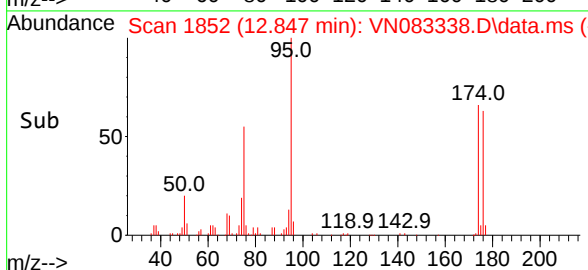
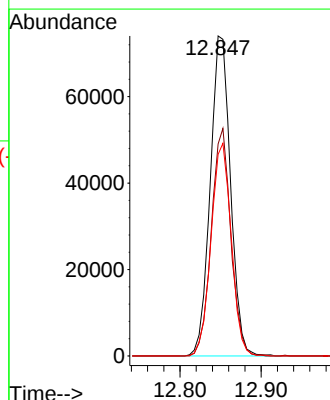
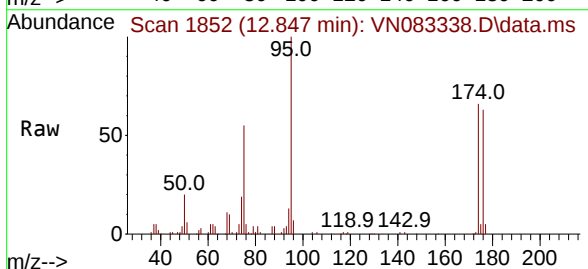
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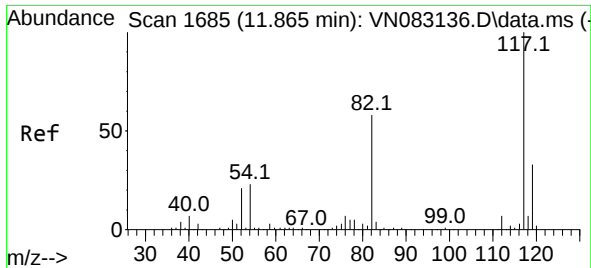
Tgt Ion: 98 Resp: 314260
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 57.351 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083338.D
Acq: 15 Aug 2024 18:02

Tgt Ion: 95 Resp: 128479
Ion Ratio Lower Upper
95 100
174 68.6 0.0 159.2
176 66.3 0.0 147.6

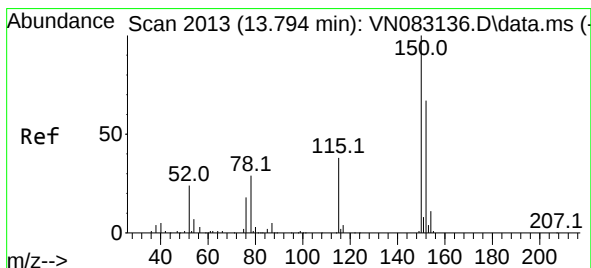
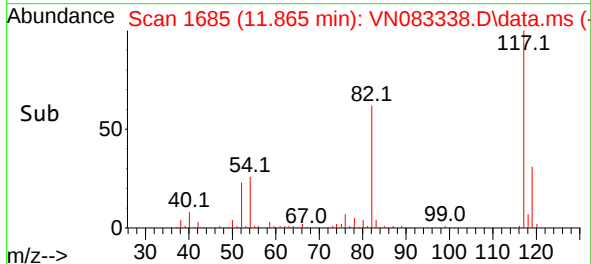
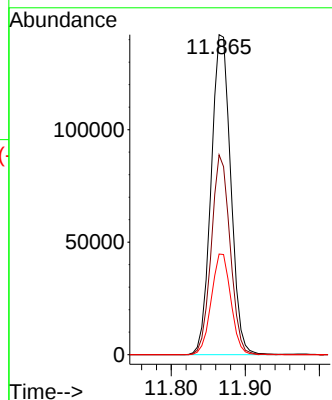
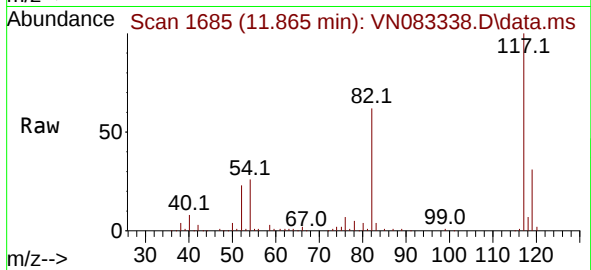




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083338.D
Acq: 15 Aug 2024 18:02

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

Tgt Ion:117 Resp: 261077
Ion Ratio Lower Upper
117 100
82 62.5 47.5 71.3
119 31.5 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: VN083338.D
Acq: 15 Aug 2024 18:02

Tgt Ion:152 Resp: 116747
Ion Ratio Lower Upper
152 100
115 62.5 30.6 91.6
150 155.0 0.0 348.6

