

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083049.D
 Acq On : 26 Jul 2024 14:10
 Operator : JC\MD
 Sample : P3323-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Jul 26 23:06:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	147671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	299980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	123924	59.865	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.740%	
35) Dibromofluoromethane	8.171	113	103605	55.597	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.200%	
50) Toluene-d8	10.565	98	351850	51.120	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	12.853	95	114425	46.281	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.560%	

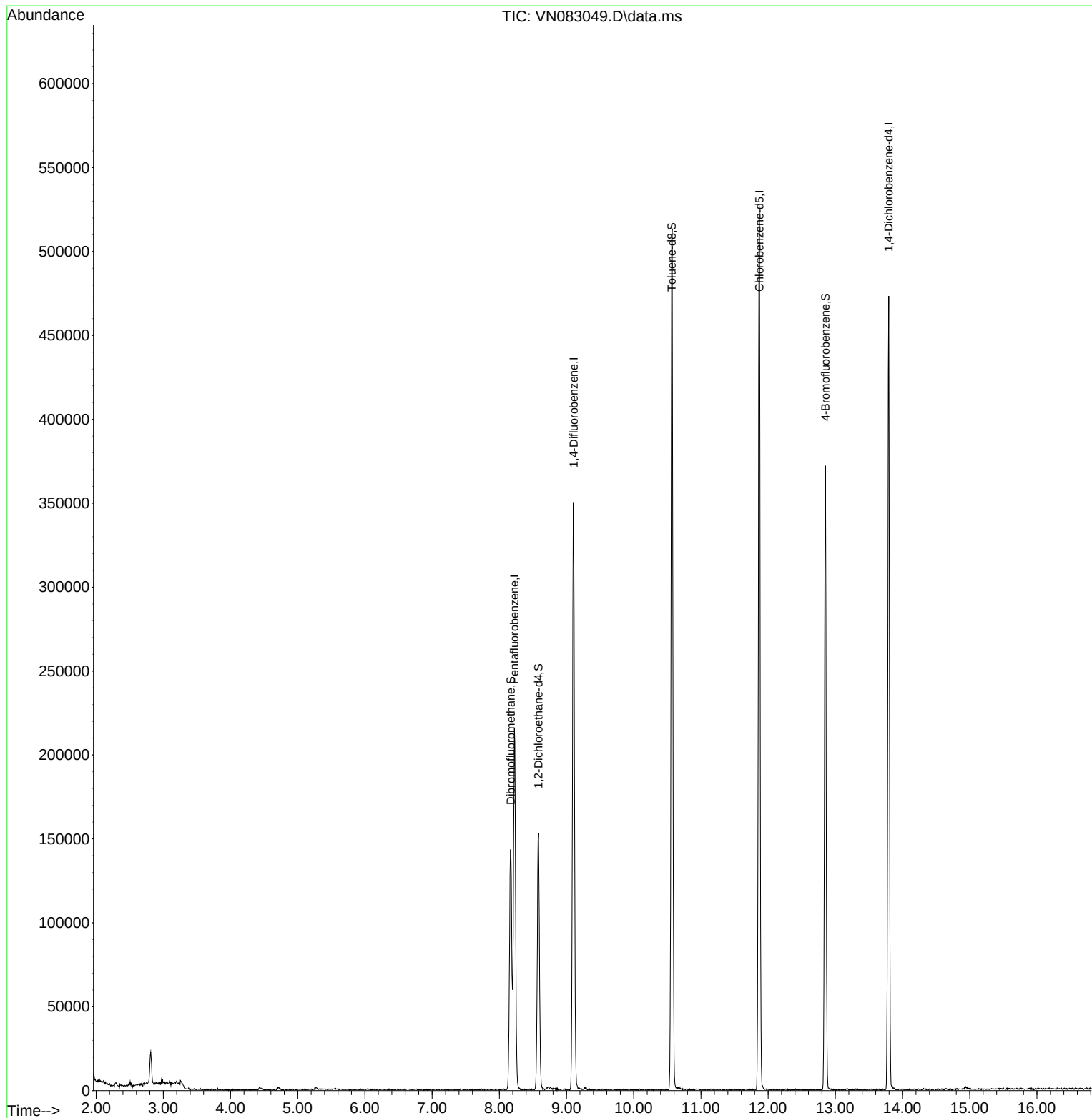
Target Compounds	Qvalue

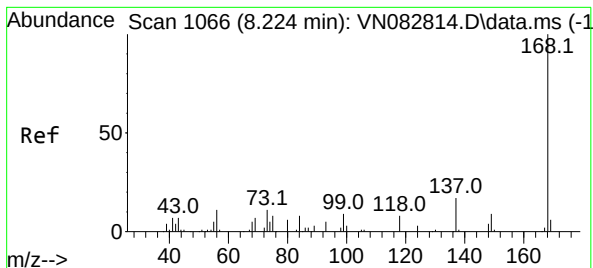
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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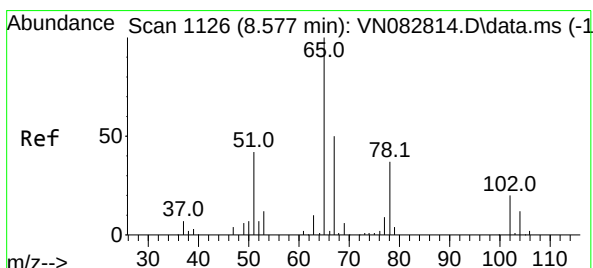
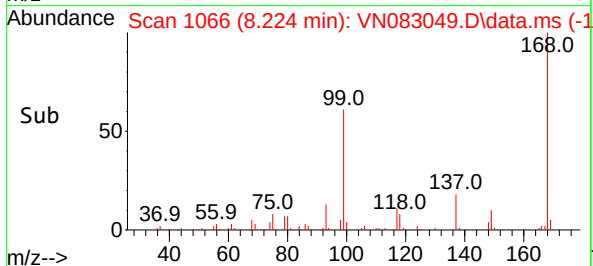
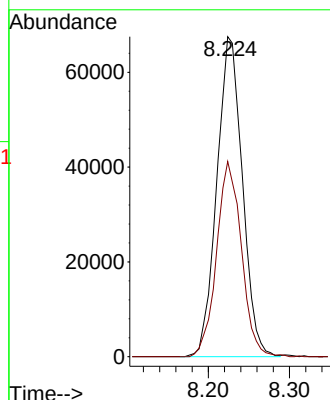
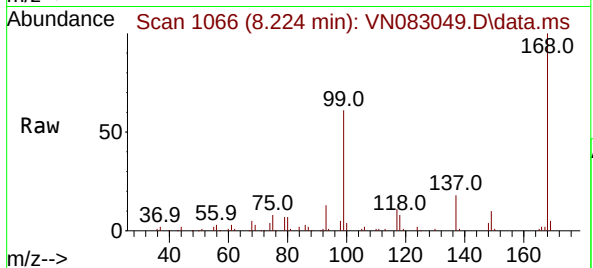




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083049.D
Acq: 26 Jul 2024 14:10

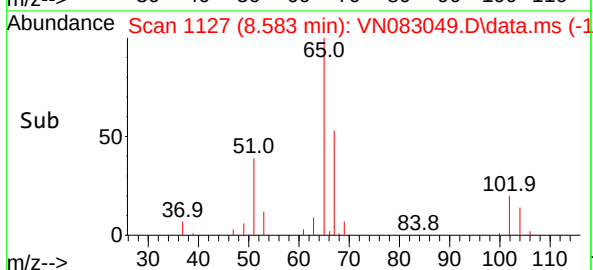
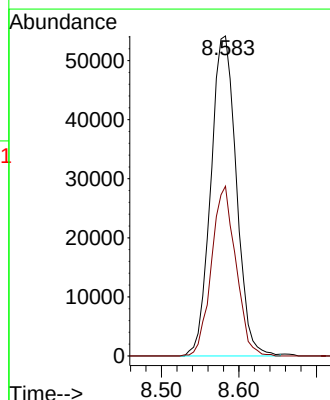
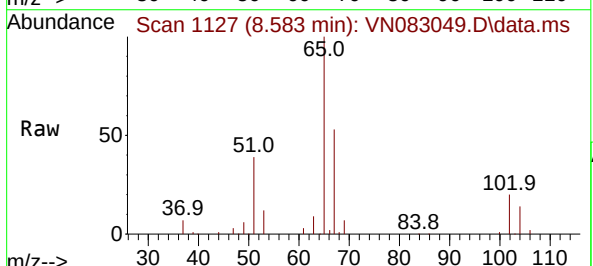
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-4

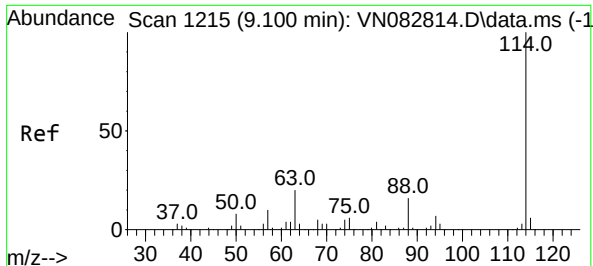
Tgt Ion:168 Resp: 147671
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 59.865 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083049.D
Acq: 26 Jul 2024 14:10

Tgt Ion: 65 Resp: 123924
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083049.D

Acq: 26 Jul 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

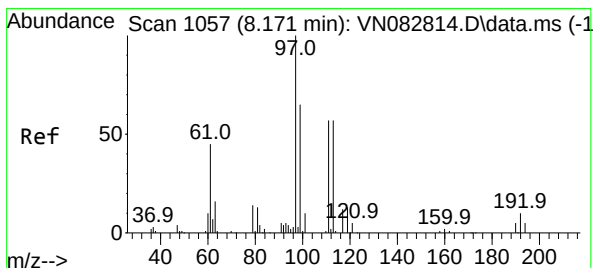
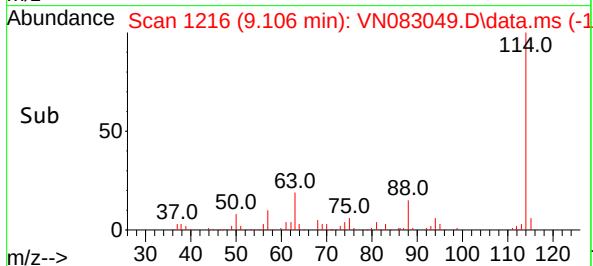
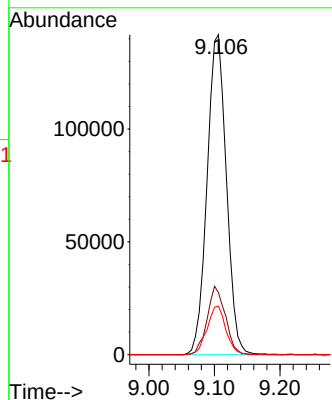
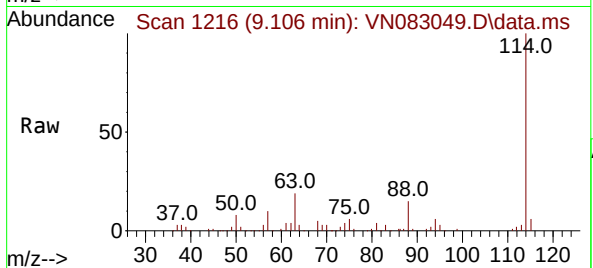
Tgt Ion:114 Resp: 290414

Ion Ratio Lower Upper

114 100

63 19.4 0.0 44.6

88 15.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.597 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083049.D

Acq: 26 Jul 2024 14:10

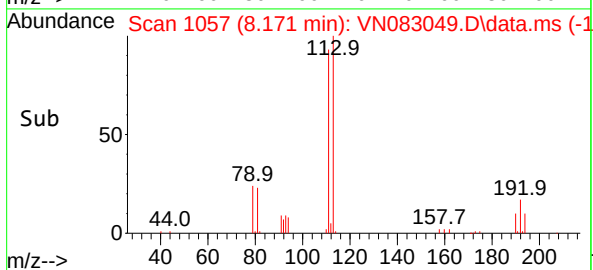
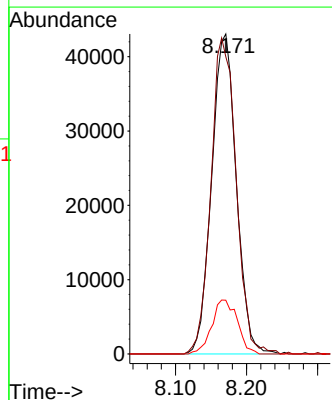
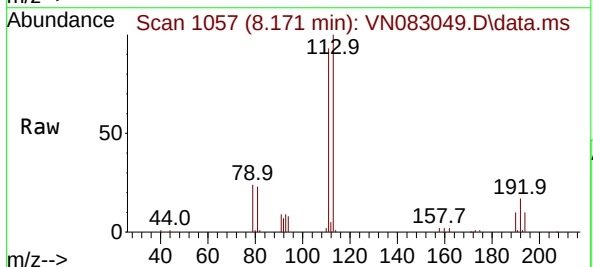
Tgt Ion:113 Resp: 103605

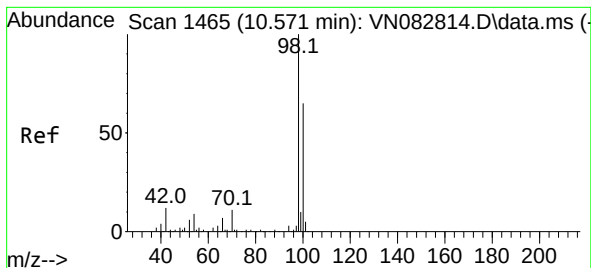
Ion Ratio Lower Upper

113 100

111 100.9 82.4 123.6

192 17.5 14.9 22.3





#50

Toluene-d8

Concen: 51.120 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.005 min

Lab File: VN083049.D

Acq: 26 Jul 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

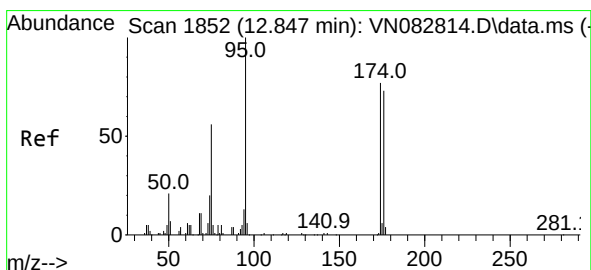
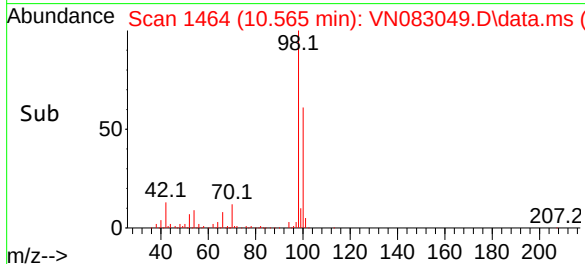
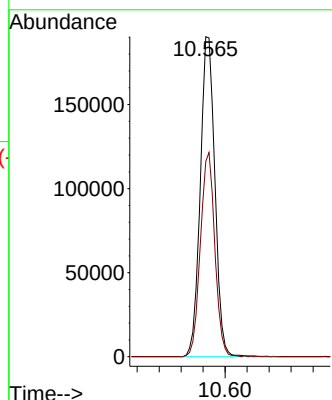
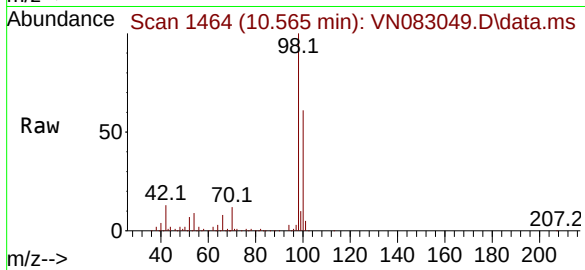
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 351850

Ion Ratio Lower Upper

98 100

100 62.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.281 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083049.D

Acq: 26 Jul 2024 14:10

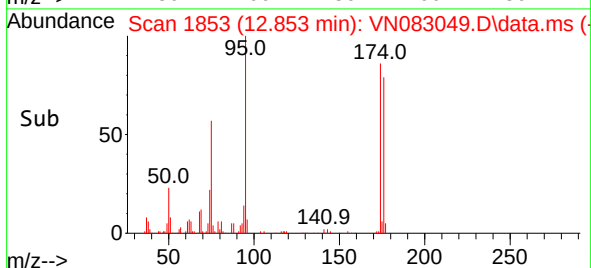
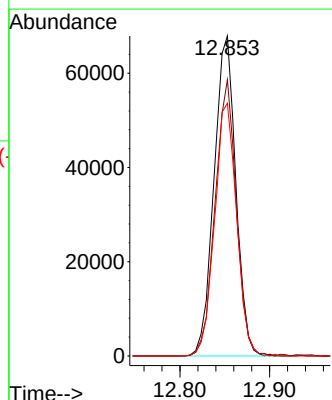
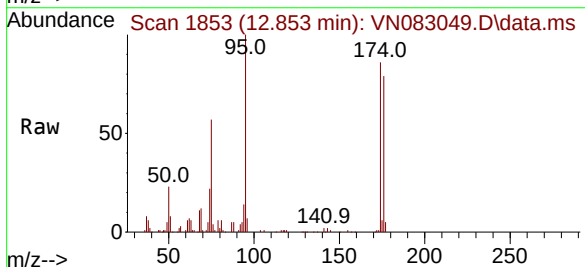
Tgt Ion: 95 Resp: 114425

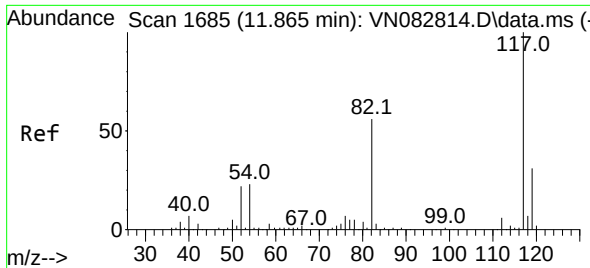
Ion Ratio Lower Upper

95 100

174 84.1 0.0 159.2

176 79.8 0.0 147.6

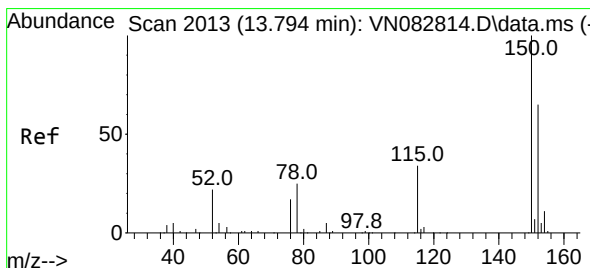
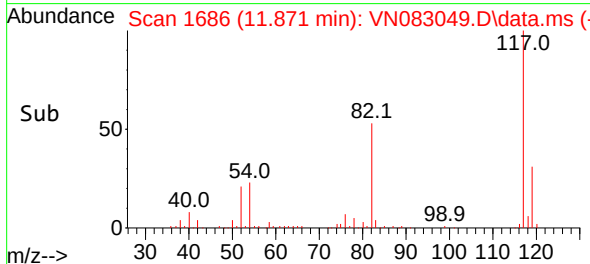
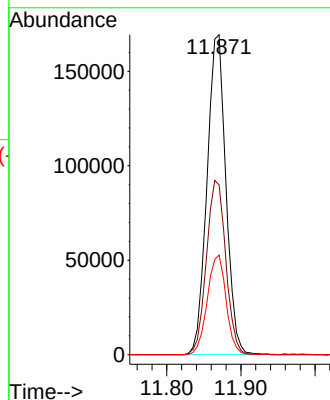
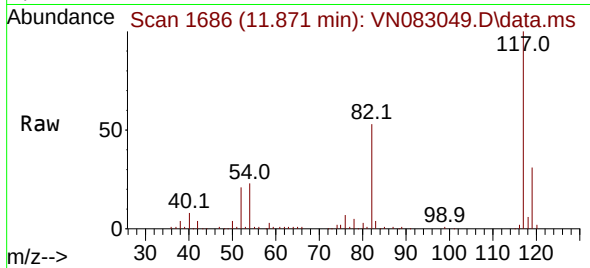




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN083049.D
Acq: 26 Jul 2024 14:10

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:117 Resp: 299980
Ion Ratio Lower Upper
117 100
82 53.0 47.5 71.3
119 31.2 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: VN083049.D
Acq: 26 Jul 2024 14:10

Tgt Ion:152 Resp: 121363
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 155.4 0.0 348.6

