

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081992.D
 Acq On : 03 May 2024 15:24
 Operator : JC\MD
 Sample : P2377-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: May 06 01:56:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	159082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131698	49.052	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.100%
35) Dibromofluoromethane	8.171	113	98859	49.067	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.140%
50) Toluene-d8	10.565	98	421893	53.317	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.847	95	138437	44.257	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.520%

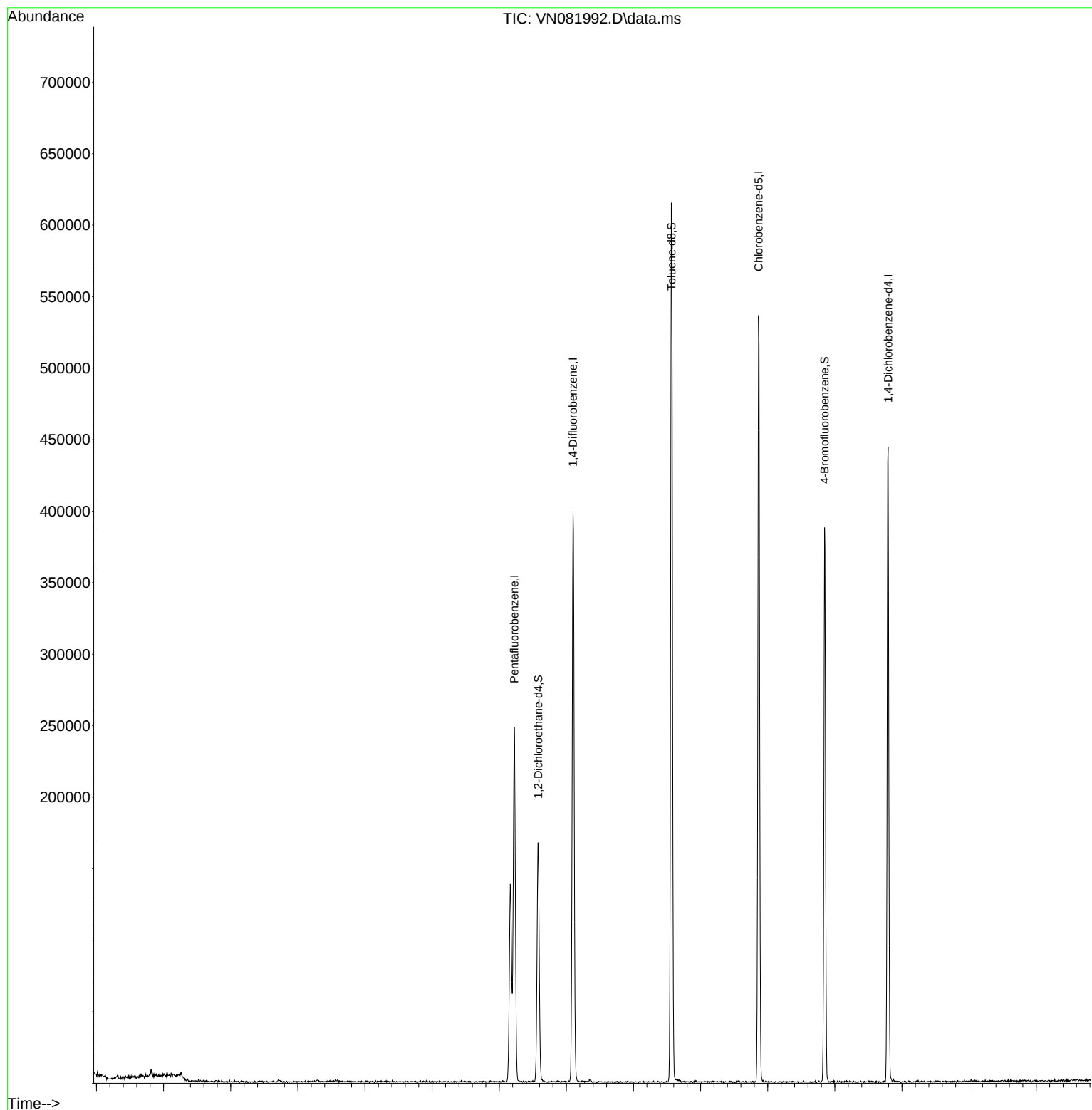
Target Compounds Qvalue

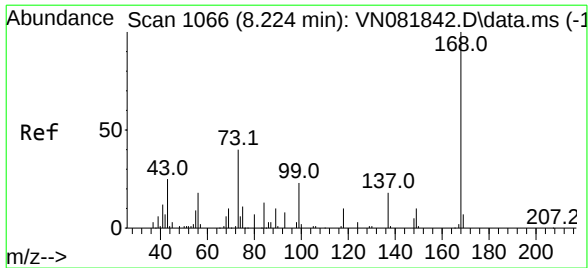
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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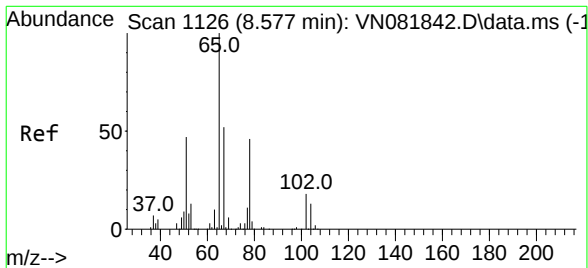
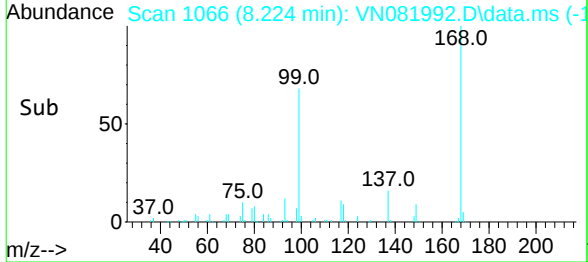
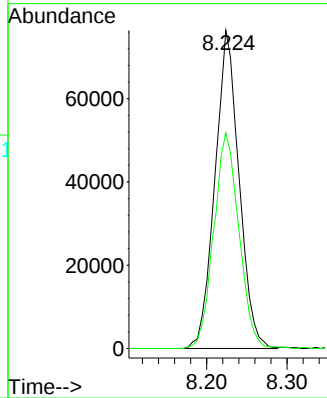
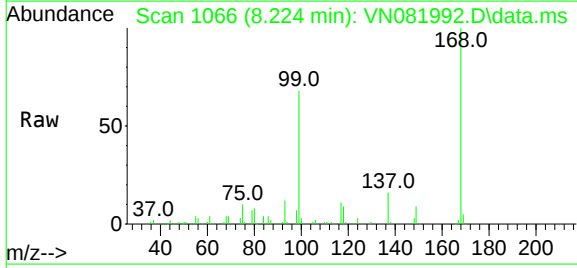




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

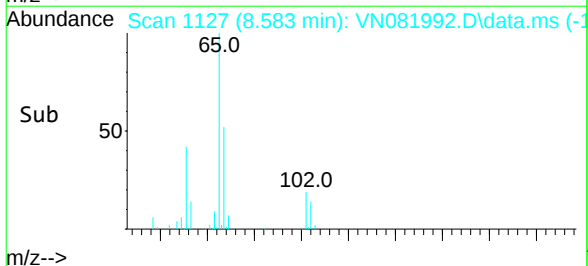
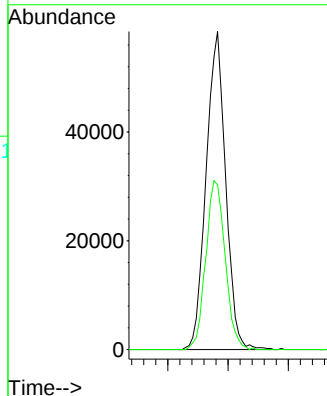
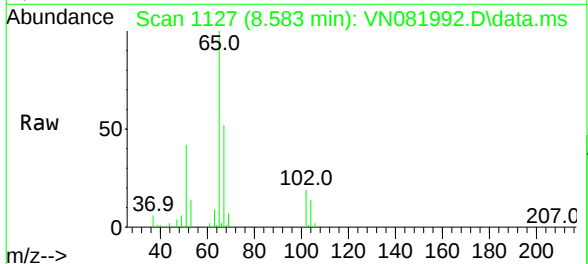
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

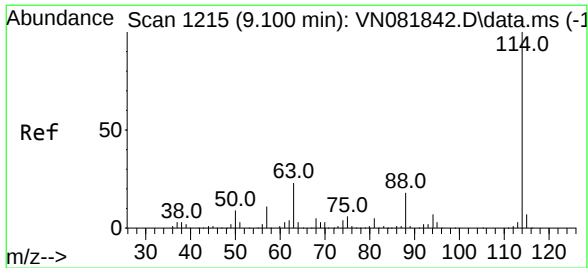
Tgt Ion:168 Resp: 159082
Ion Ratio Lower Upper
168 100
99 67.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.052 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

Tgt Ion: 65 Resp: 131698
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0

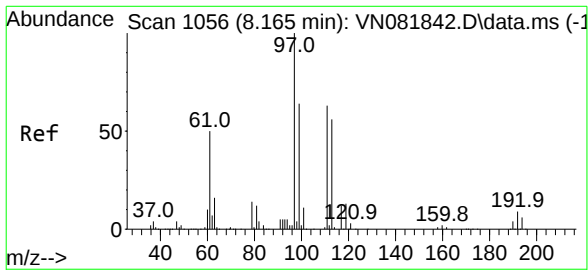
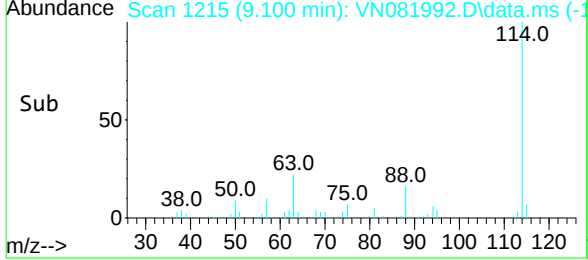
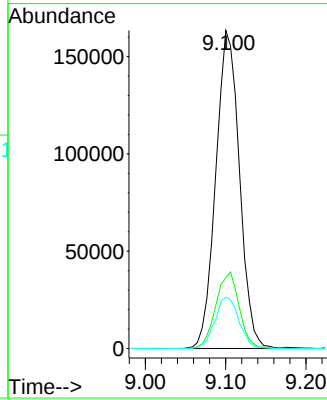
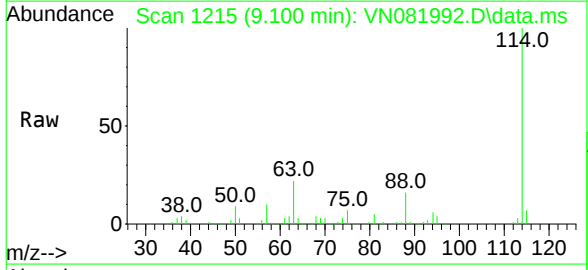




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 12
Delta R.T. 0.000 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

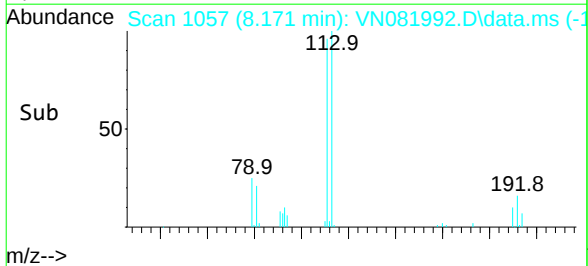
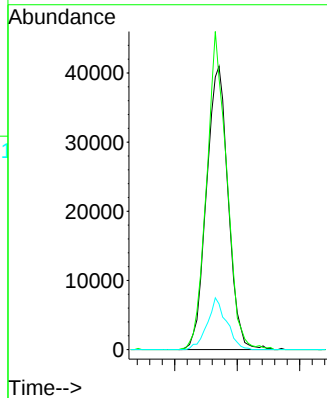
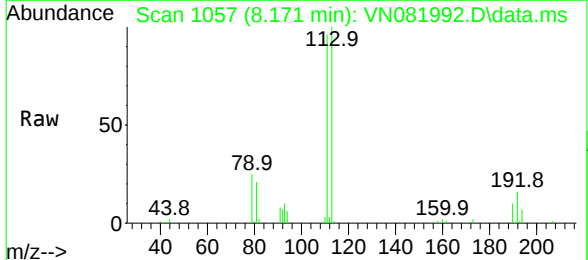
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

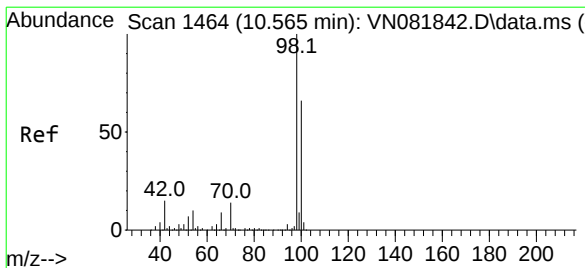
Tgt Ion:	114	Resp:	334634
Ion Ratio	Lower	Upper	
114	100		
63	22.3	0.0	41.0
88	16.1	0.0	31.4



#35
Dibromofluoromethane
Concen: 49.067 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

Tgt Ion:	113	Resp:	98859
Ion Ratio	Lower	Upper	
113	100		
111	104.2	83.4	125.2
192	16.2	14.0	21.0





#50

Toluene-d8

Concen: 53.317 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081992.D

Acq: 03 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

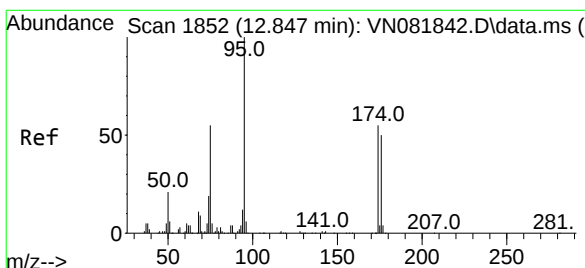
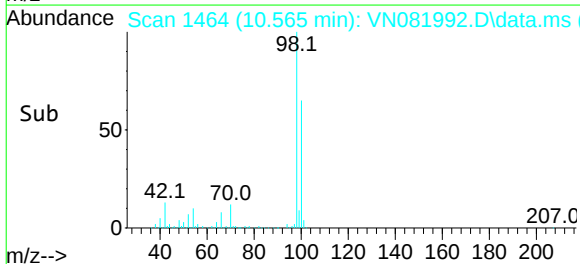
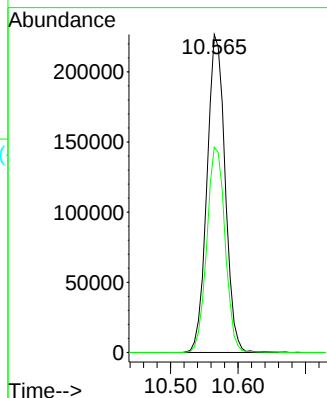
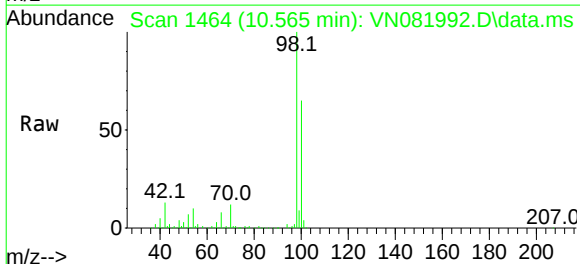
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 421893

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 44.257 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN081992.D

Acq: 03 May 2024 15:24

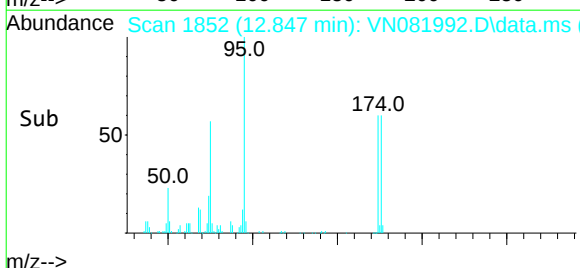
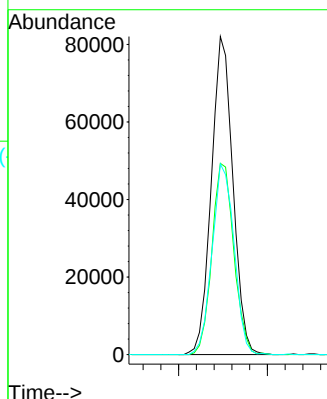
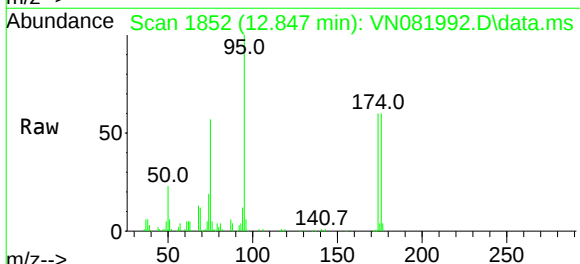
Tgt Ion: 95 Resp: 138437

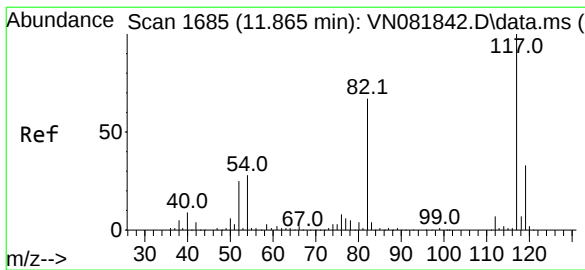
Ion Ratio Lower Upper

95 100

174 61.1 0.0 160.6

176 61.0 0.0 152.8

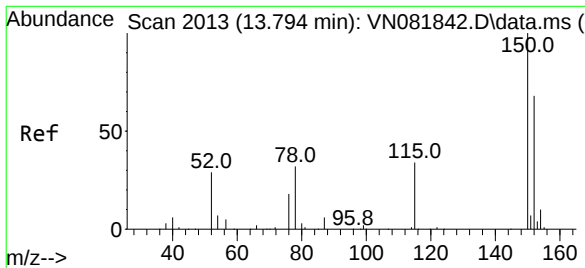
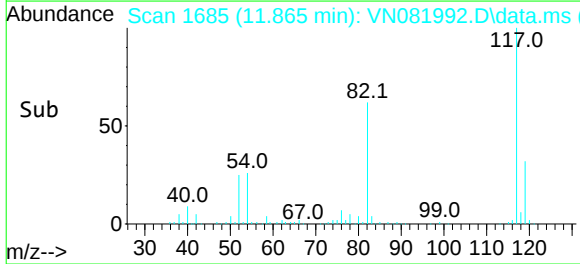
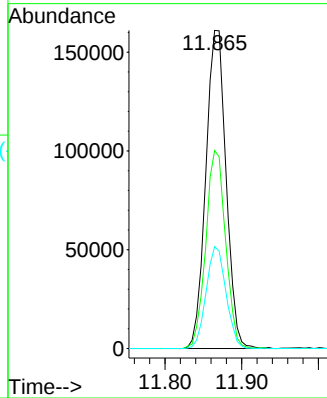
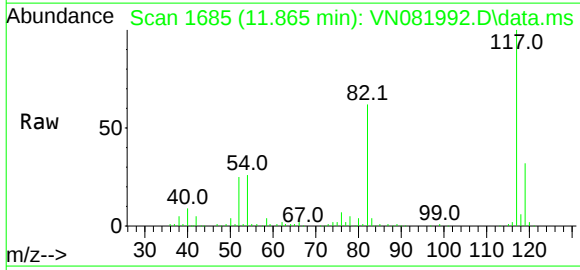




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:	117	Resp:	295597
Ion	Ratio	Lower	Upper
117	100		
82	62.3	44.6	66.8
119	32.0	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

Tgt Ion:	152	Resp:	108729
Ion	Ratio	Lower	Upper
152	100		
115	64.8	30.4	91.3
150	156.7	0.0	353.2

