

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081570.D
 Acq On : 25 Mar 2024 18:52
 Operator : JC\MD
 Sample : P1840-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Mar 26 01:22:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	388966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	700095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	629821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	263735	53.169	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.340%
35) Dibromofluoromethane	8.171	113	223086	50.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.980%
50) Toluene-d8	10.565	98	834204	52.230	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.460%
62) 4-Bromofluorobenzene	12.853	95	264355	46.973	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.940%

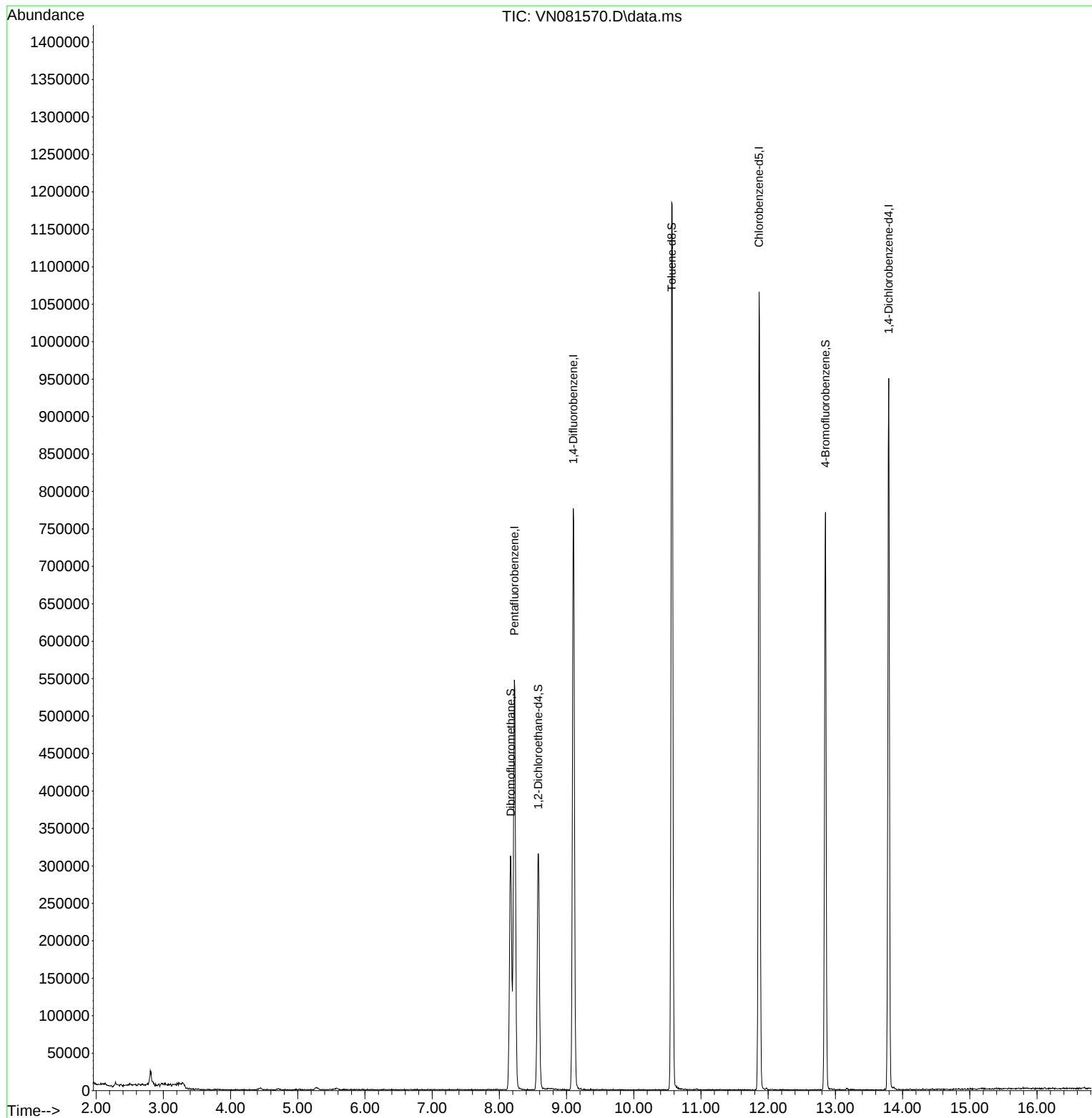
Target Compounds	Qvalue

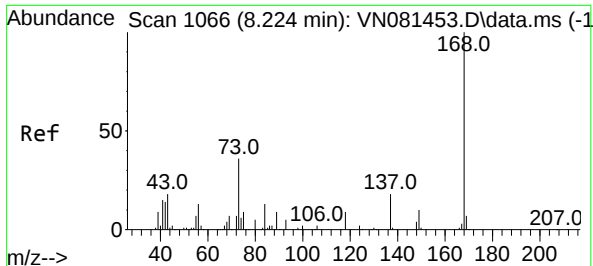
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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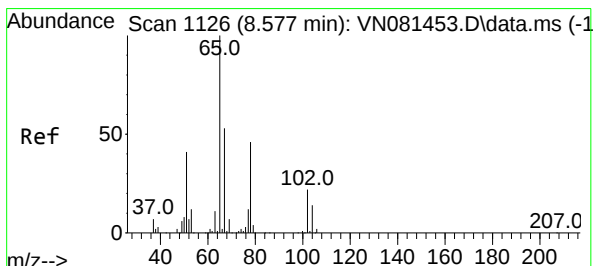
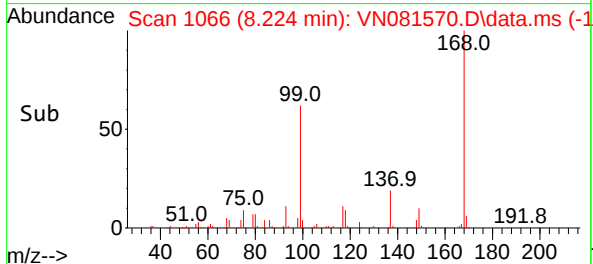
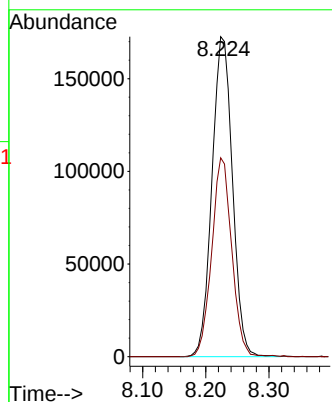
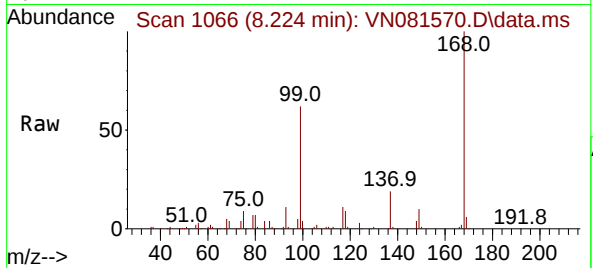




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

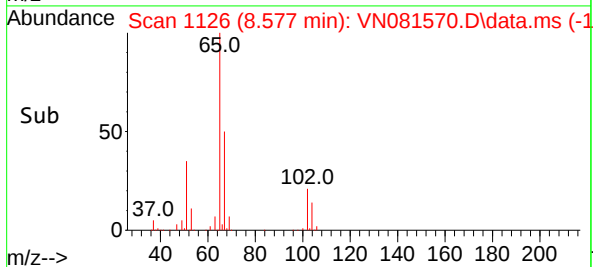
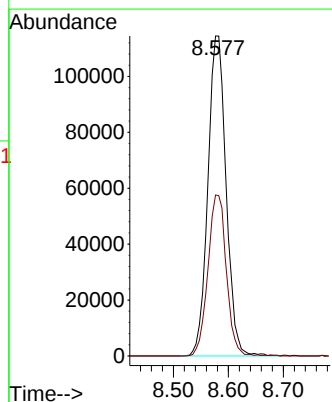
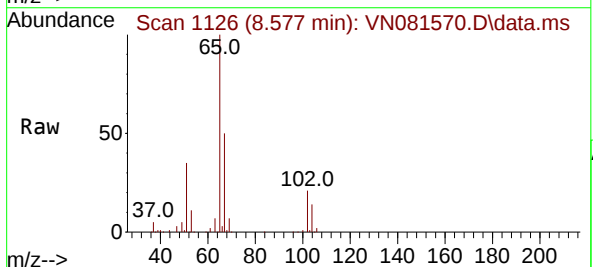
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

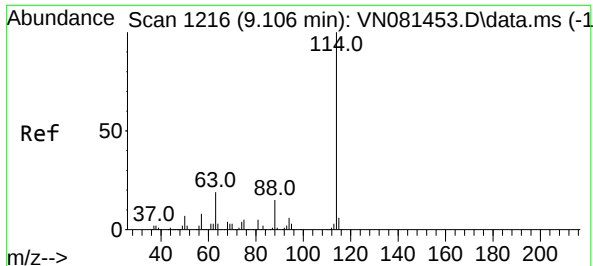
Tgt Ion:168 Resp: 388966
Ion Ratio Lower Upper
168 100
99 62.2 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 53.169 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

Tgt Ion: 65 Resp: 263735
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081570.D

Acq: 25 Mar 2024 18:52

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

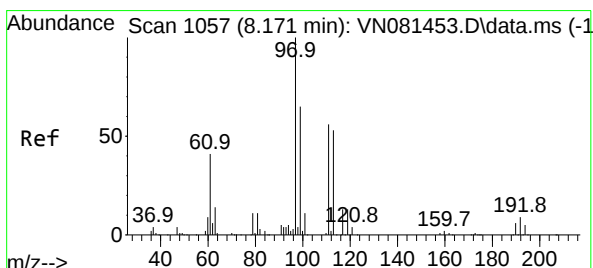
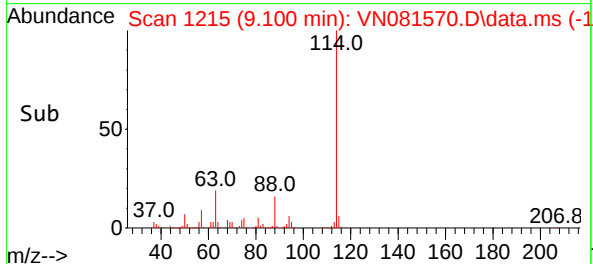
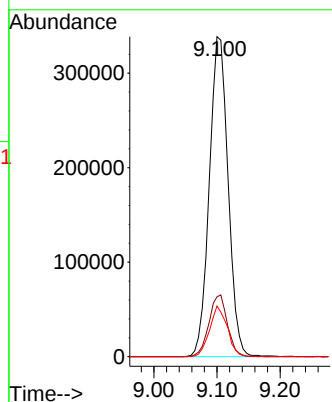
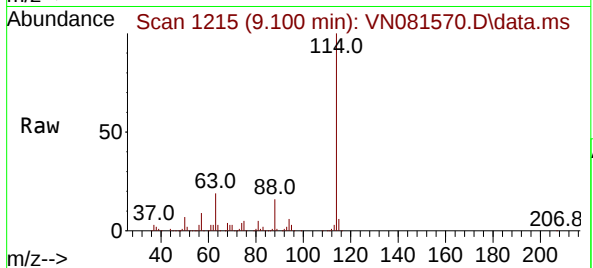
Tgt Ion:114 Resp: 700095

Ion Ratio Lower Upper

114 100

63 18.7 0.0 48.0

88 15.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.491 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081570.D

Acq: 25 Mar 2024 18:52

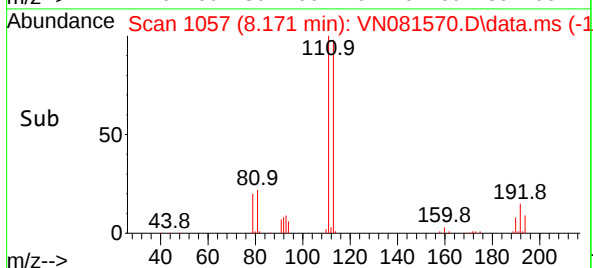
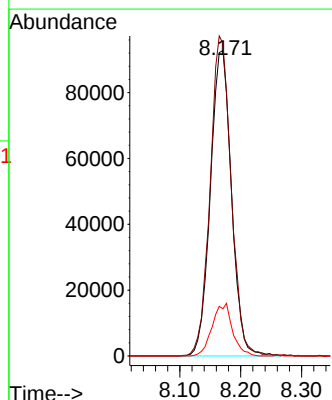
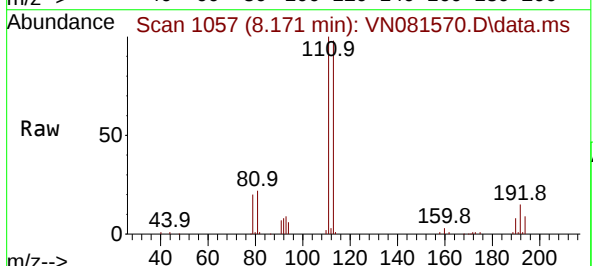
Tgt Ion:113 Resp: 223086

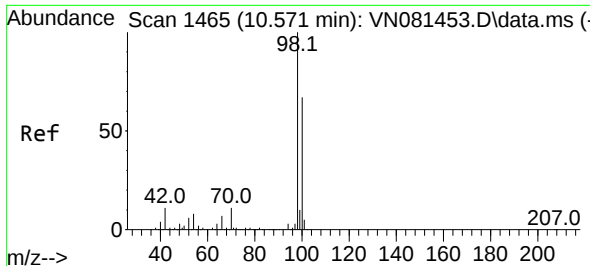
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 16.5 12.5 18.7

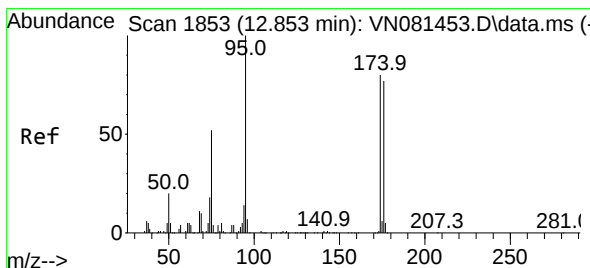
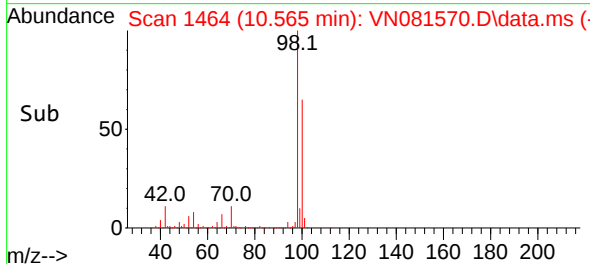
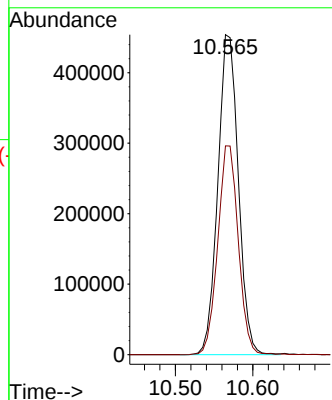
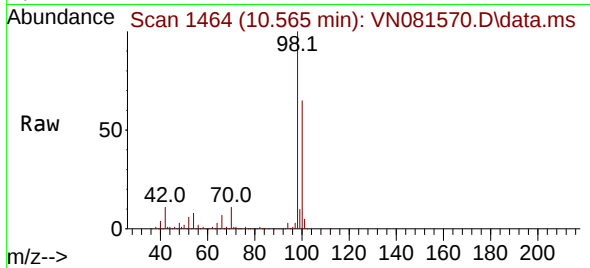




#50
Toluene-d8
Concen: 52.230 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

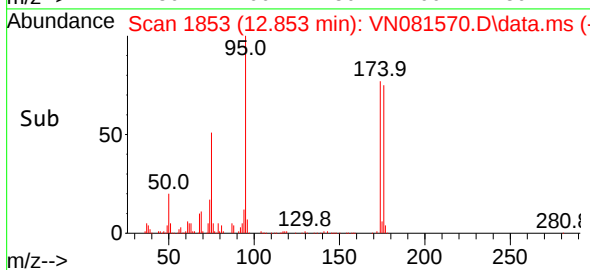
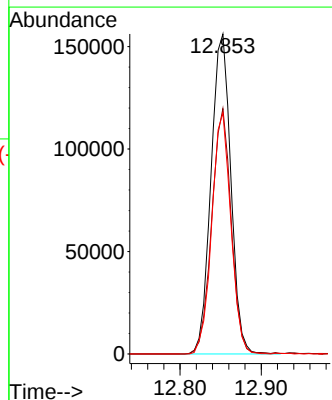
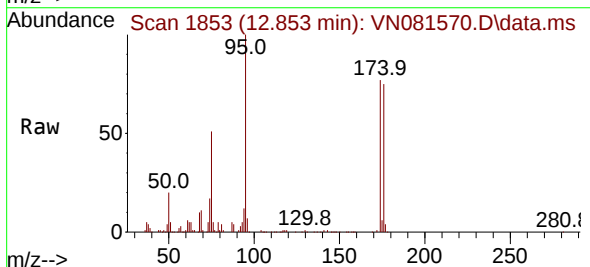
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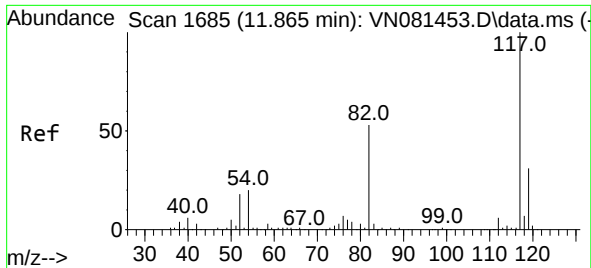
Tgt Ion: 98 Resp: 834204
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.973 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

Tgt Ion: 95 Resp: 264355
Ion Ratio Lower Upper
95 100
174 75.3 0.0 120.4
176 72.6 0.0 121.0

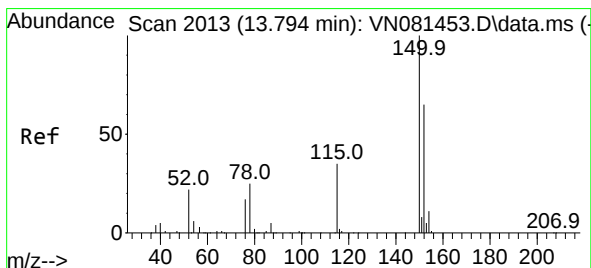
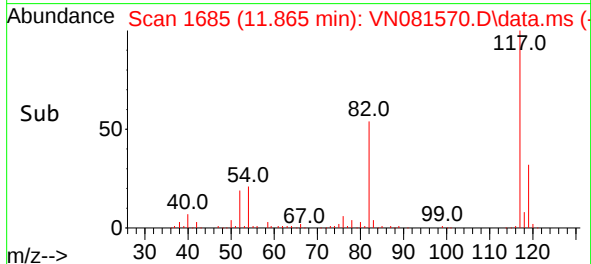
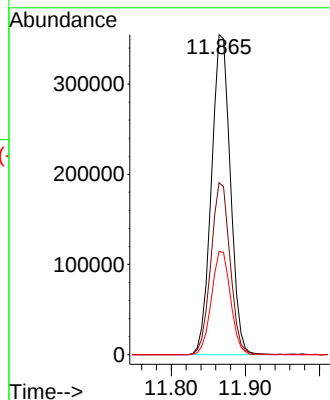
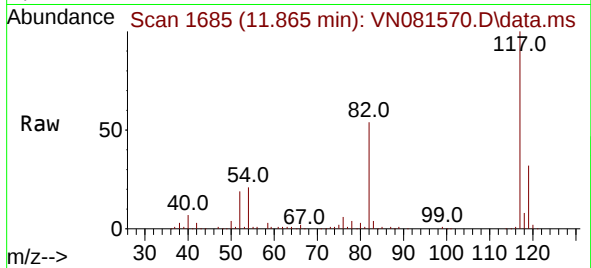




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

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

Tgt Ion:117 Resp: 629821
Ion Ratio Lower Upper
117 100
82 53.8 52.7 79.1
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081570.D
Acq: 25 Mar 2024 18:52

Tgt Ion:152 Resp: 251634
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 158.2 0.0 339.8

