

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081631.D
 Acq On : 29 Mar 2024 21:28
 Operator : JC\MD
 Sample : P1928-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Mar 30 00:36:18 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	8.230	168	345566	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	647422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	588650	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230134	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240081	54.479	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.960%
35) Dibromofluoromethane	8.165	113	209640	51.308	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.620%
50) Toluene-d8	10.571	98	773660	52.381	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.760%
62) 4-Bromofluorobenzene	12.847	95	237835	45.699	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.400%

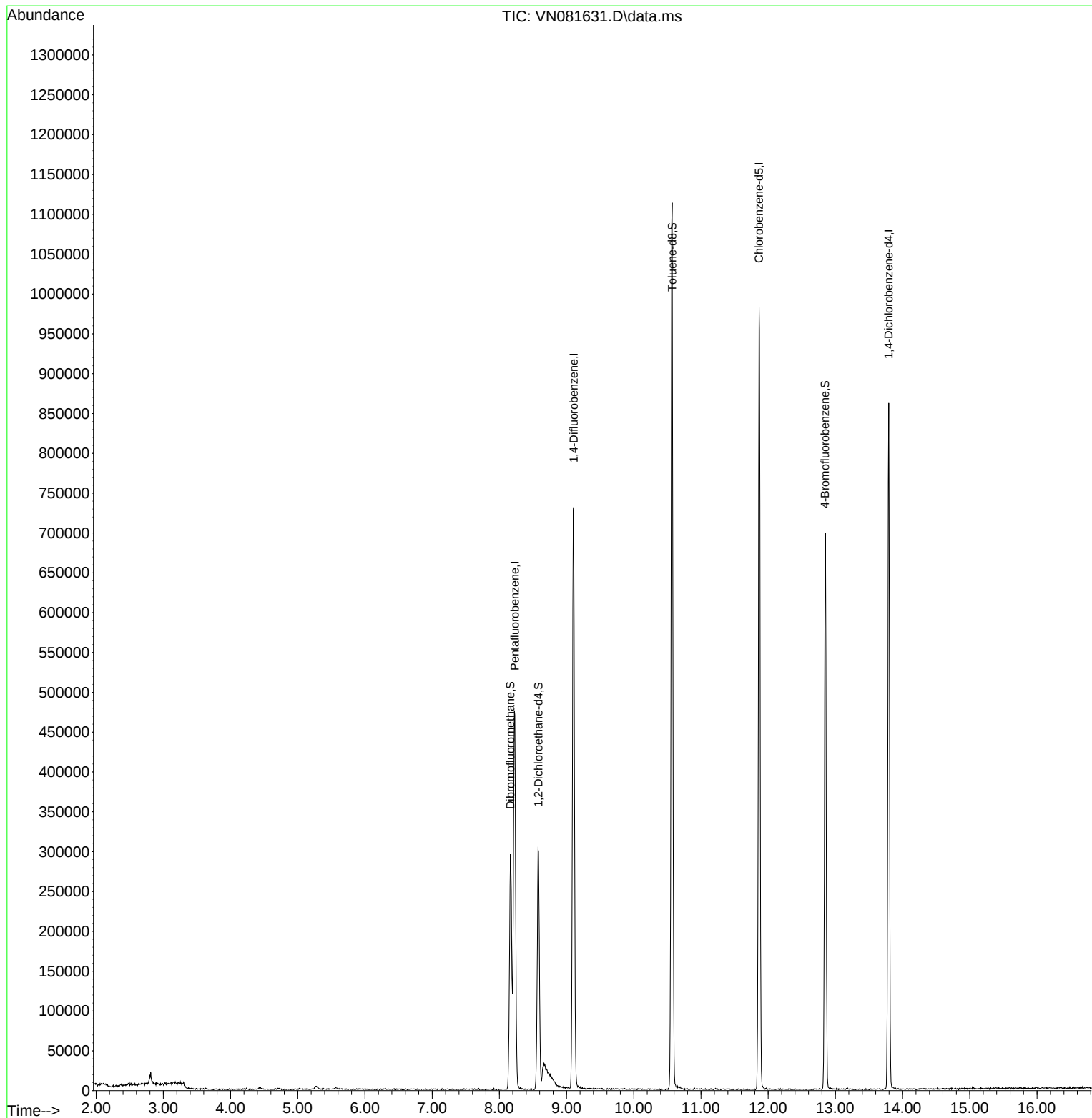
Target Compounds	Qvalue

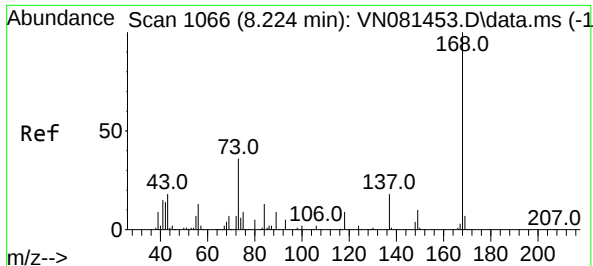
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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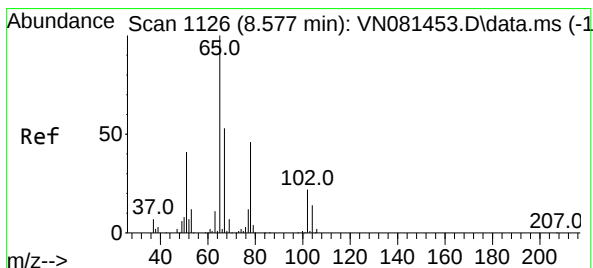
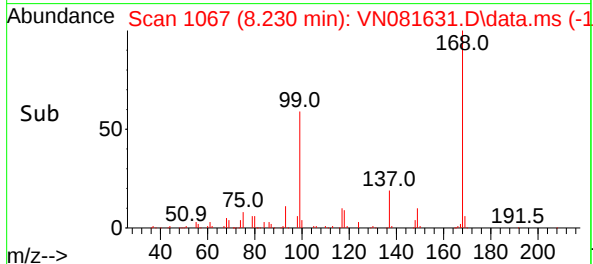
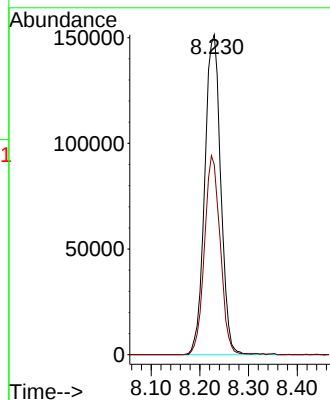
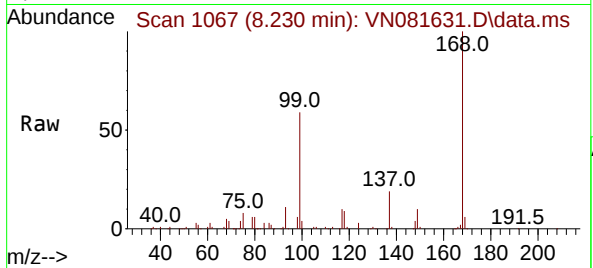




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

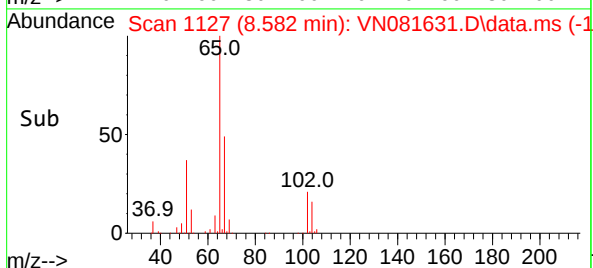
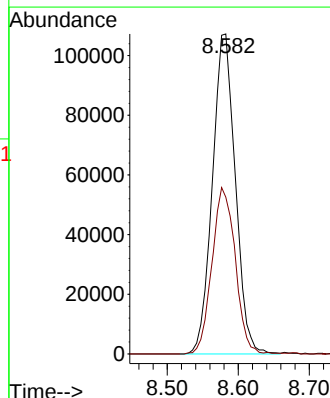
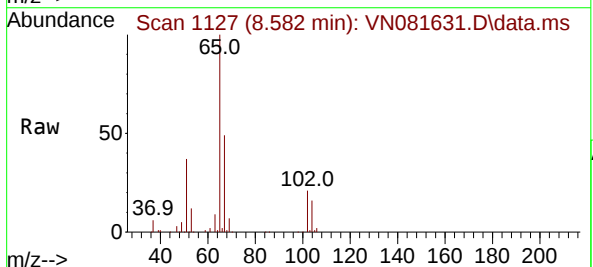
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

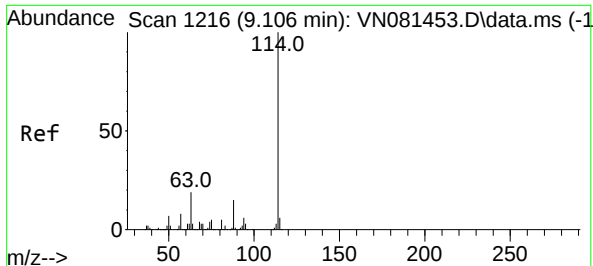
Tgt Ion:168 Resp: 345566
Ion Ratio Lower Upper
168 100
99 59.4 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 54.479 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

Tgt Ion: 65 Resp: 240081
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081631.D

Acq: 29 Mar 2024 21:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

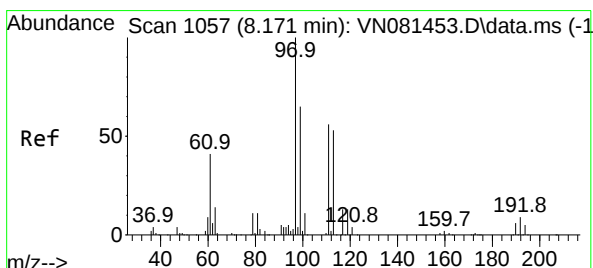
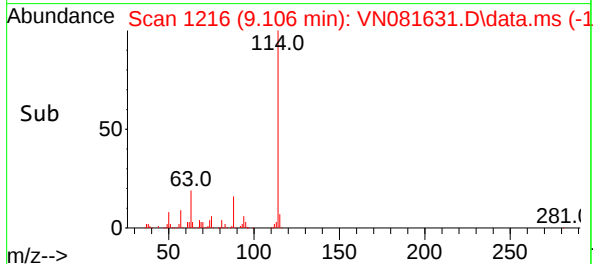
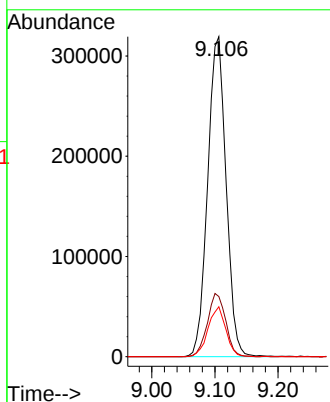
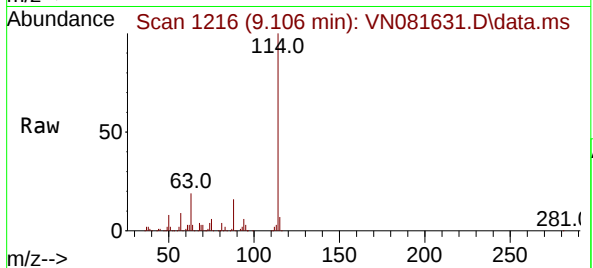
Tgt Ion:114 Resp: 647422

Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 15.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.308 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081631.D

Acq: 29 Mar 2024 21:28

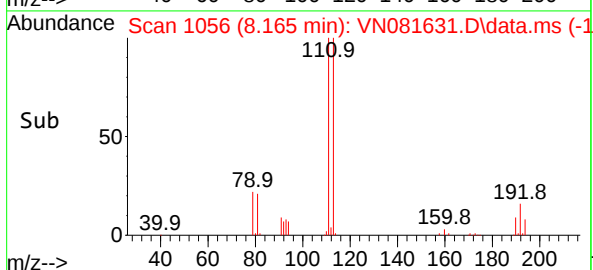
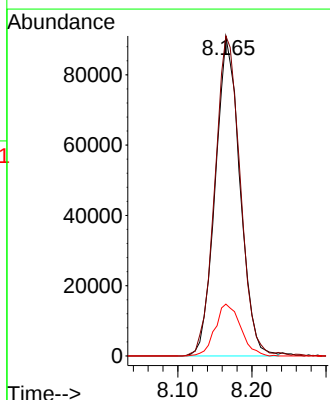
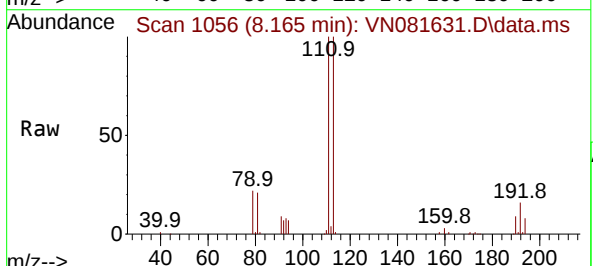
Tgt Ion:113 Resp: 209640

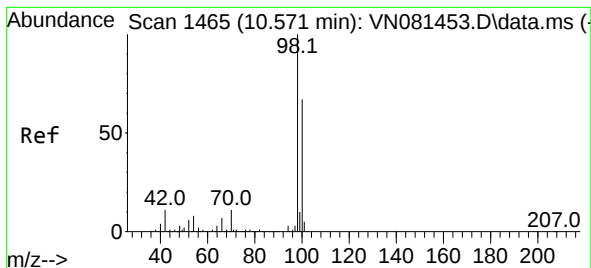
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 16.8 12.5 18.7

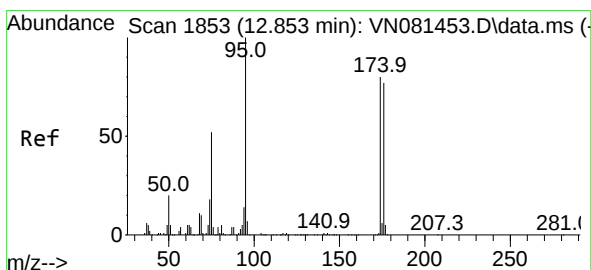
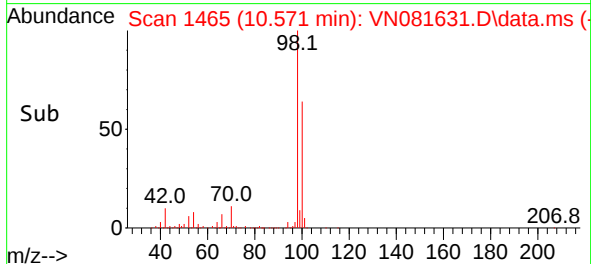
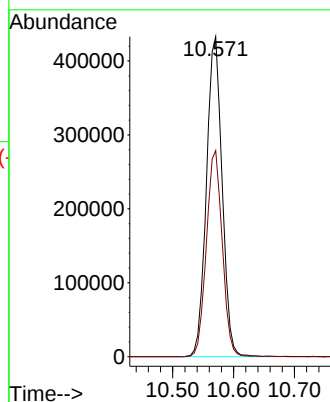
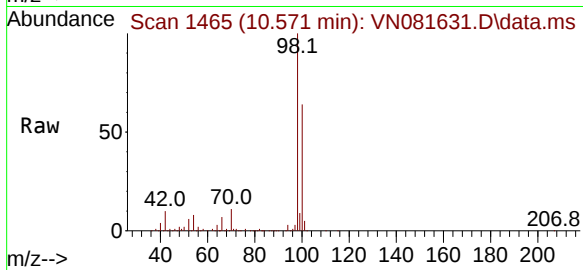




#50
Toluene-d8
Concen: 52.381 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

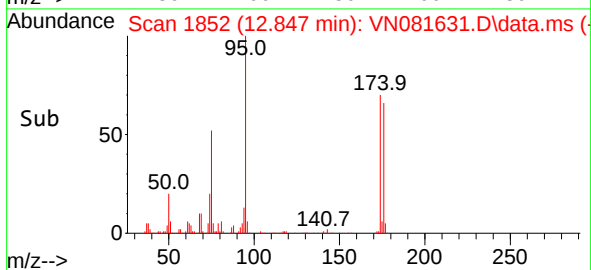
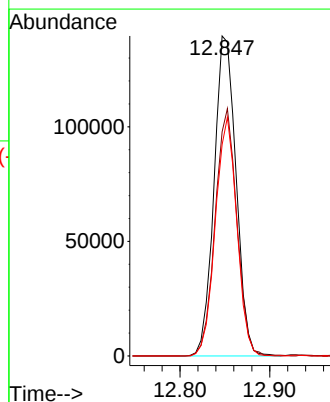
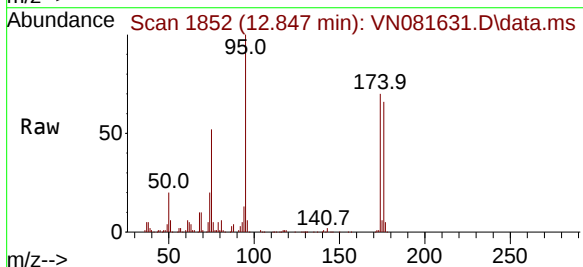
Instrument :
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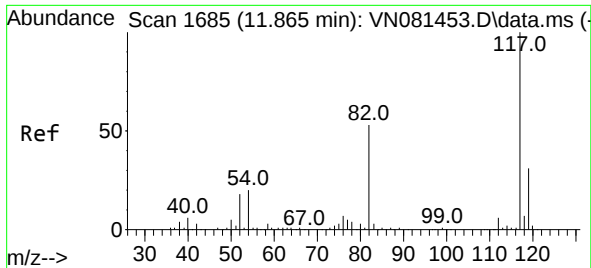
Tgt Ion: 98 Resp: 773660
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.699 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

Tgt Ion: 95 Resp: 237835
Ion Ratio Lower Upper
95 100
174 76.4 0.0 120.4
176 72.5 0.0 121.0

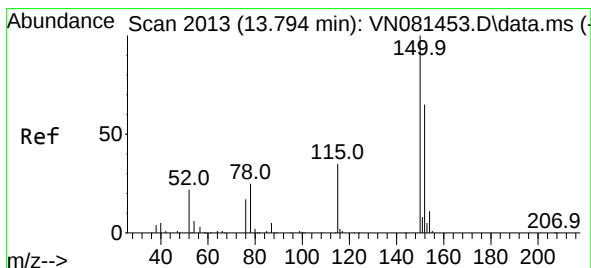
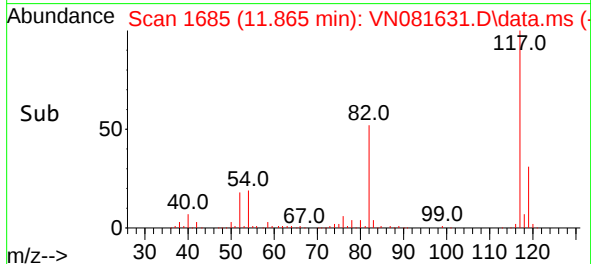
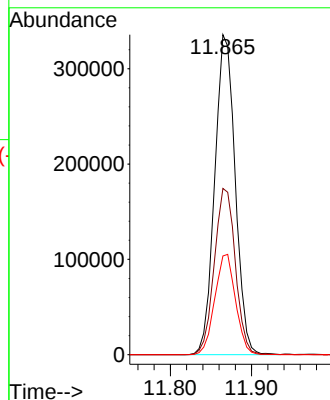
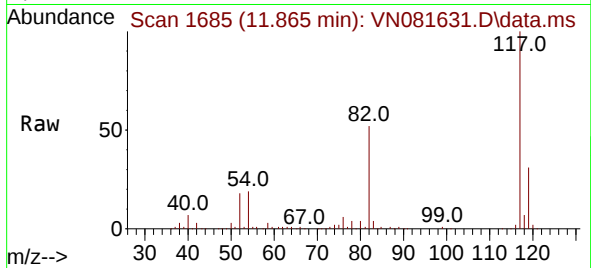




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 588650
Ion Ratio Lower Upper
117 100
82 52.0 52.7 79.1#
119 30.8 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: VN081631.D
Acq: 29 Mar 2024 21:28

Tgt Ion:152 Resp: 230134
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 156.1 0.0 339.8

