

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083949.D
 Acq On : 17 Sep 2024 16:41
 Operator : JC\MD
 Sample : P3996-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Sep 18 01:51:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	146509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	213184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86975	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	114572	51.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.720%
35) Dibromofluoromethane	8.165	113	82622	50.876	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.760%
50) Toluene-d8	10.565	98	298727	53.209	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.420%
62) 4-Bromofluorobenzene	12.847	95	105357	45.485	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.980%

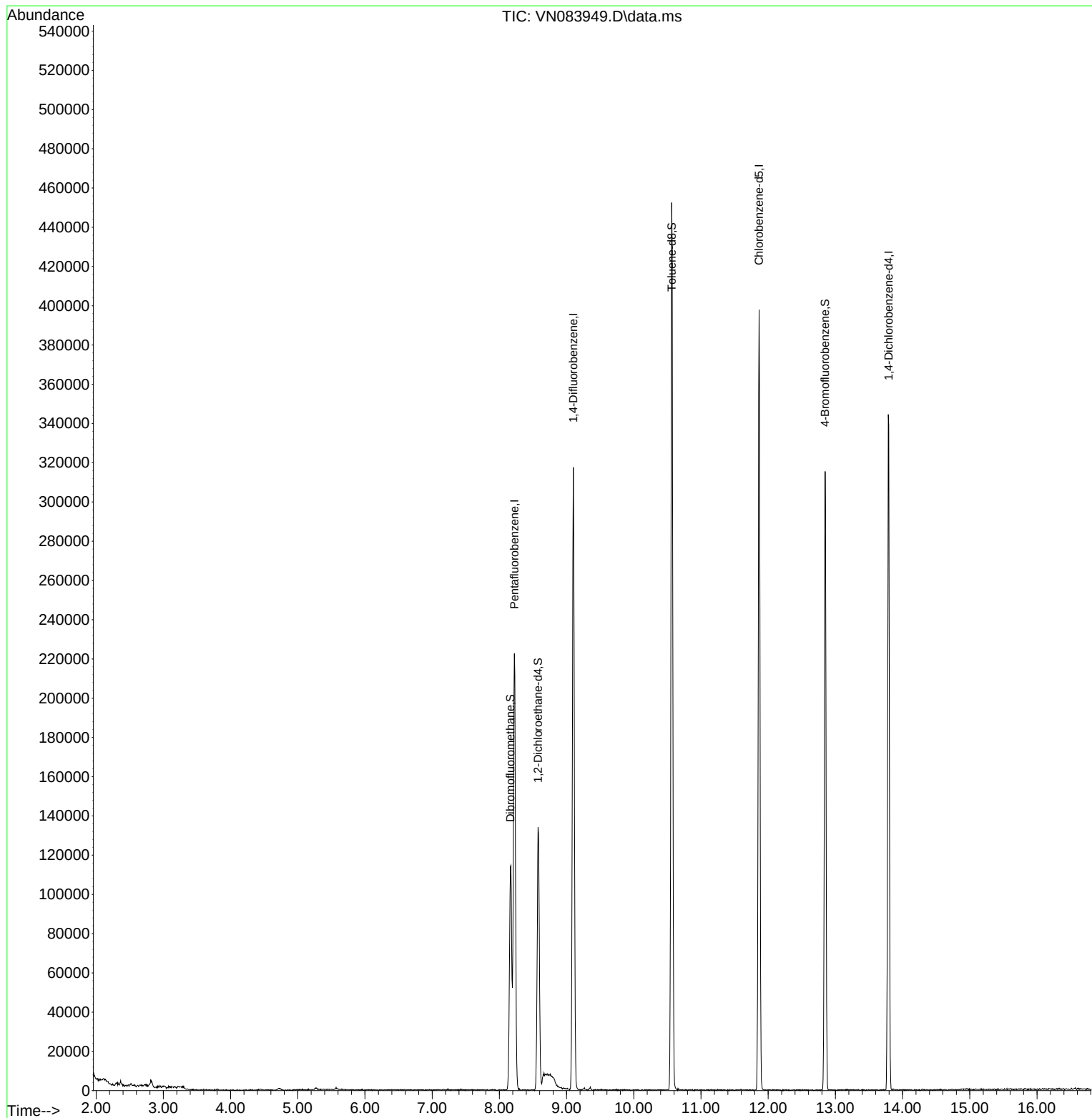
Target Compounds	Qvalue

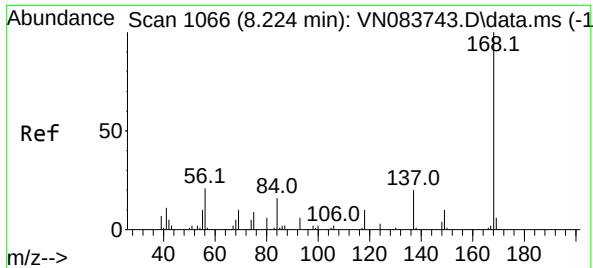
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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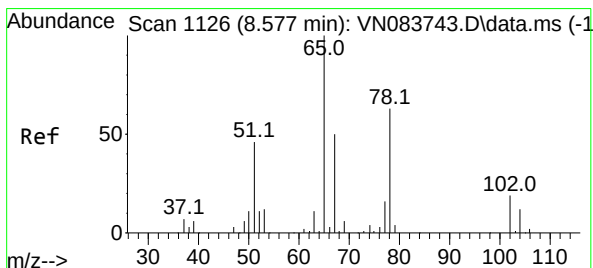
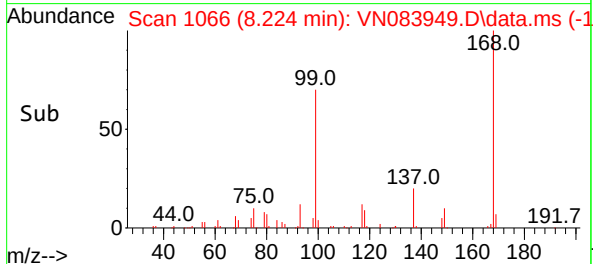
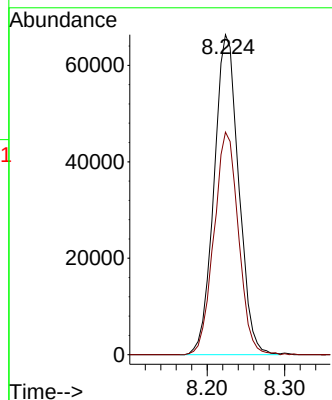
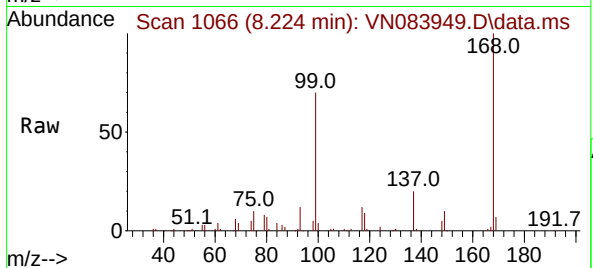




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

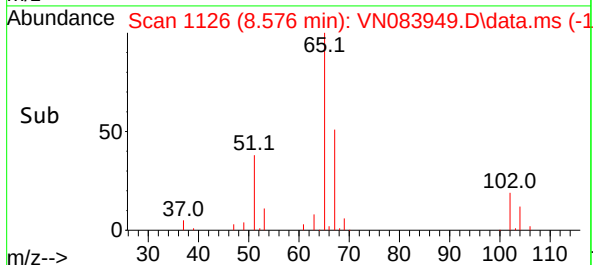
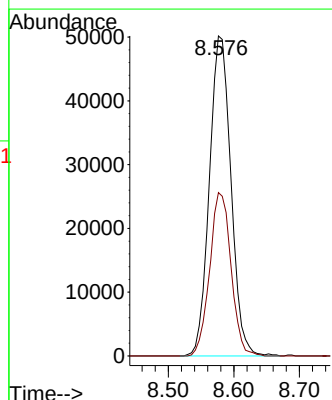
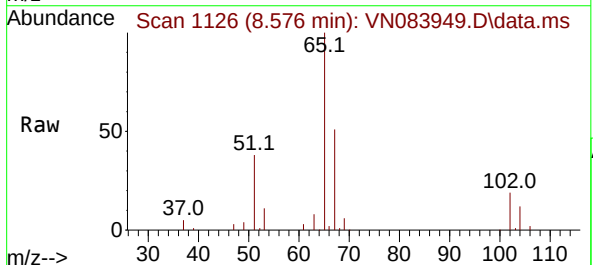
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

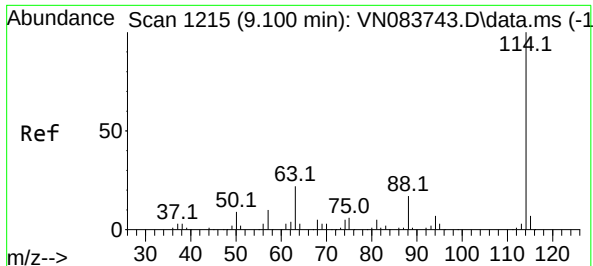
Tgt Ion:168 Resp: 146509
Ion Ratio Lower Upper
168 100
99 69.6 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.863 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

Tgt Ion: 65 Resp: 114572
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083949.D

Acq: 17 Sep 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

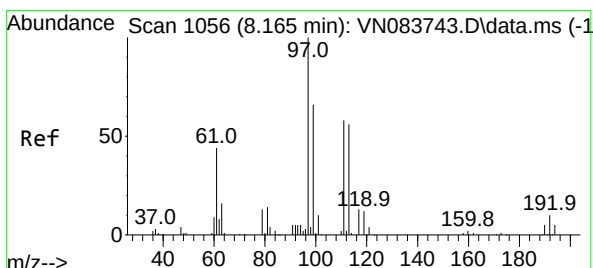
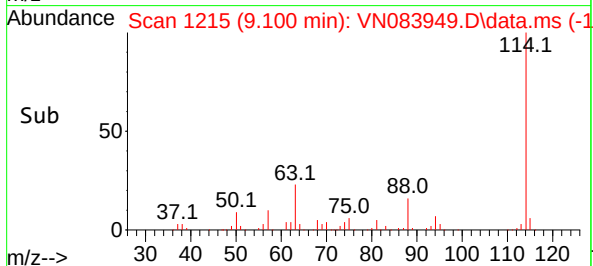
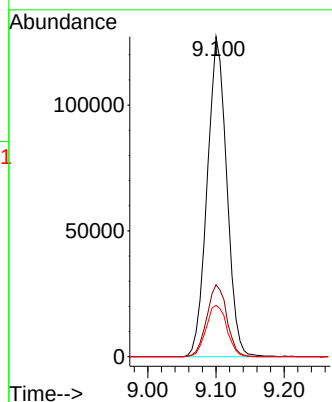
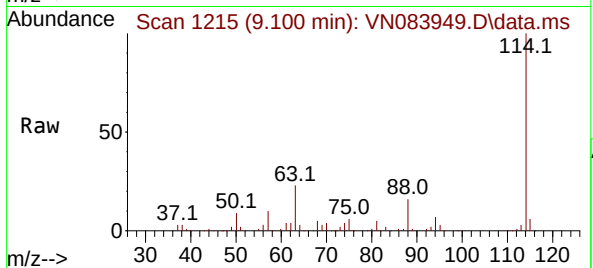
Tgt Ion:114 Resp: 253674

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.876 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083949.D

Acq: 17 Sep 2024 16:41

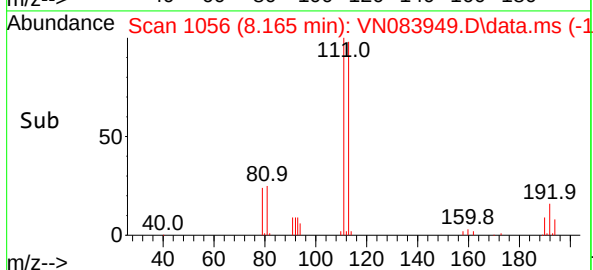
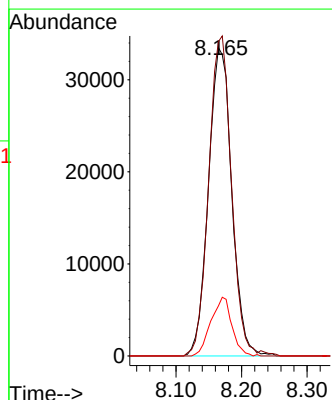
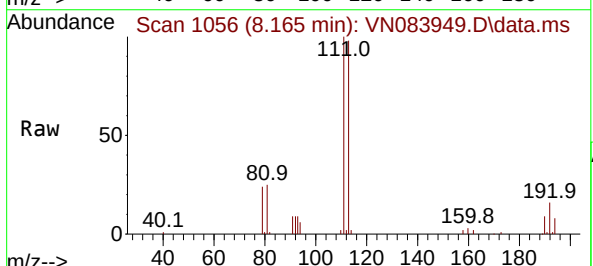
Tgt Ion:113 Resp: 82622

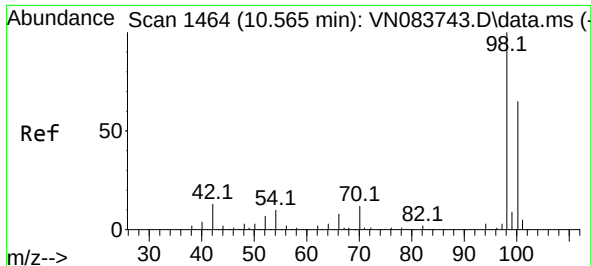
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 17.1 14.3 21.5





#50

Toluene-d8

Concen: 53.209 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083949.D

Acq: 17 Sep 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

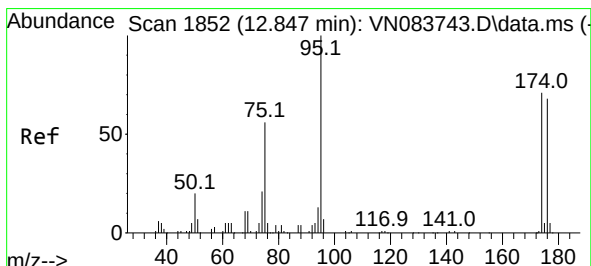
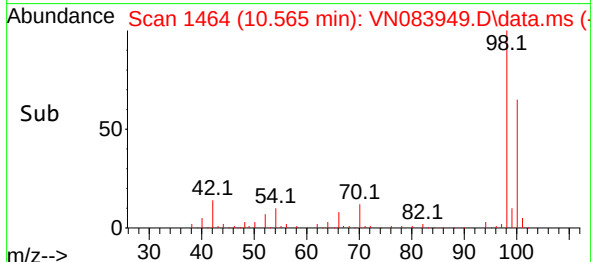
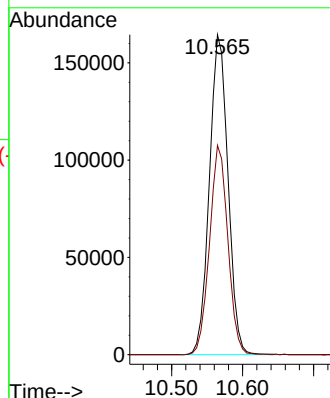
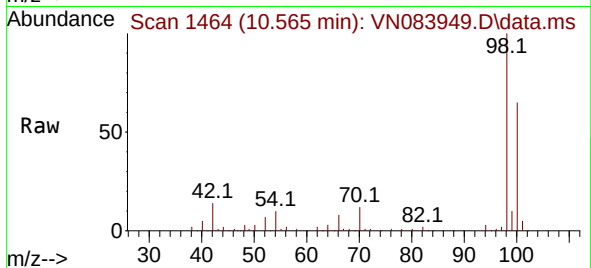
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 298727

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.485 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083949.D

Acq: 17 Sep 2024 16:41

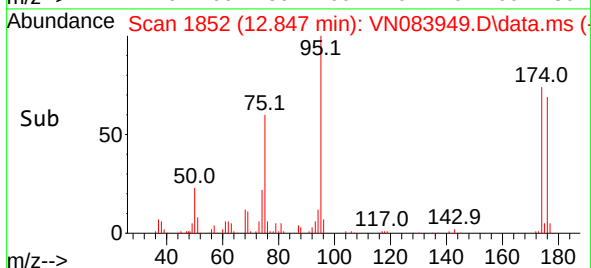
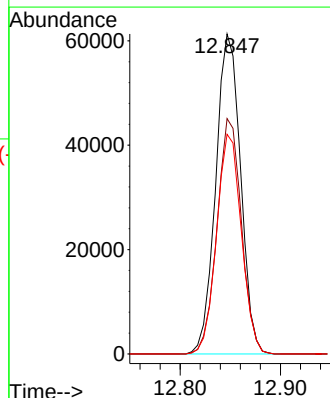
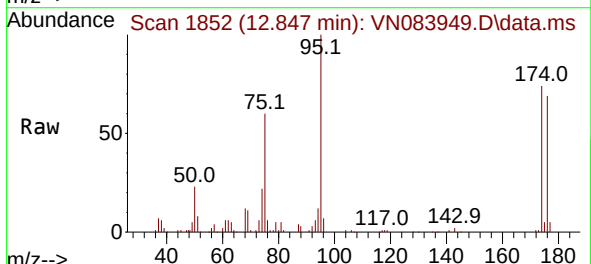
Tgt Ion: 95 Resp: 105357

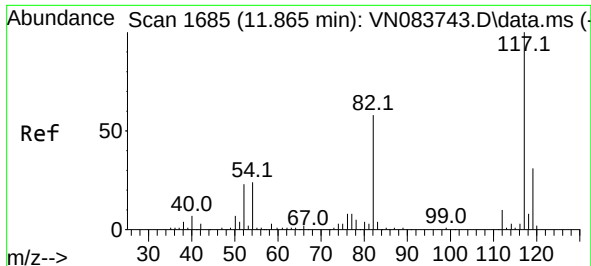
Ion Ratio Lower Upper

95 100

174 72.4 0.0 139.8

176 68.7 0.0 131.4

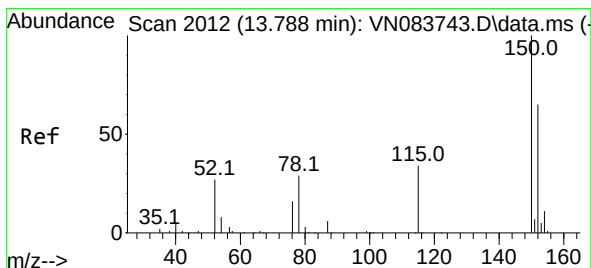
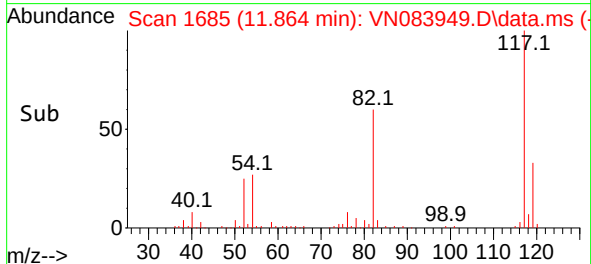
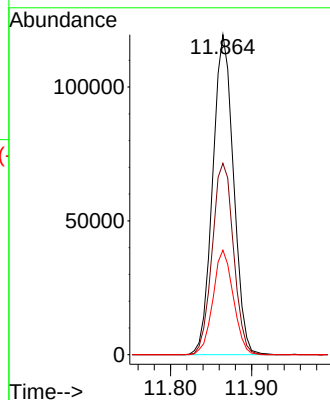
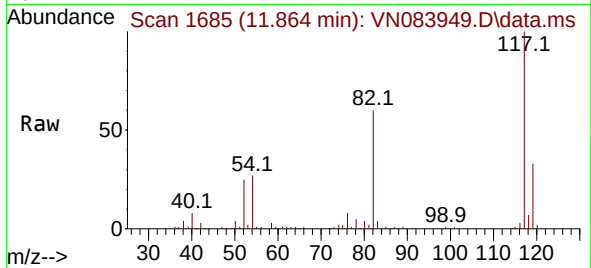




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

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

Tgt Ion:117 Resp: 213184
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.0
119 32.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083949.D
Acq: 17 Sep 2024 16:41

Tgt Ion:152 Resp: 86975
Ion Ratio Lower Upper
152 100
115 65.5 32.2 96.6
150 158.7 0.0 348.6

