

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN083005.D
 Acq On : 22 Jul 2024 15:36
 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 23 03:51:38 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	8.230	168	67759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	132773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	133551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	52070	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	54702	57.591	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.180%
35) Dibromofluoromethane	8.165	113	45847	53.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.620%
50) Toluene-d8	10.571	98	153350	48.733	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.853	95	47821	42.307	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	84.620%

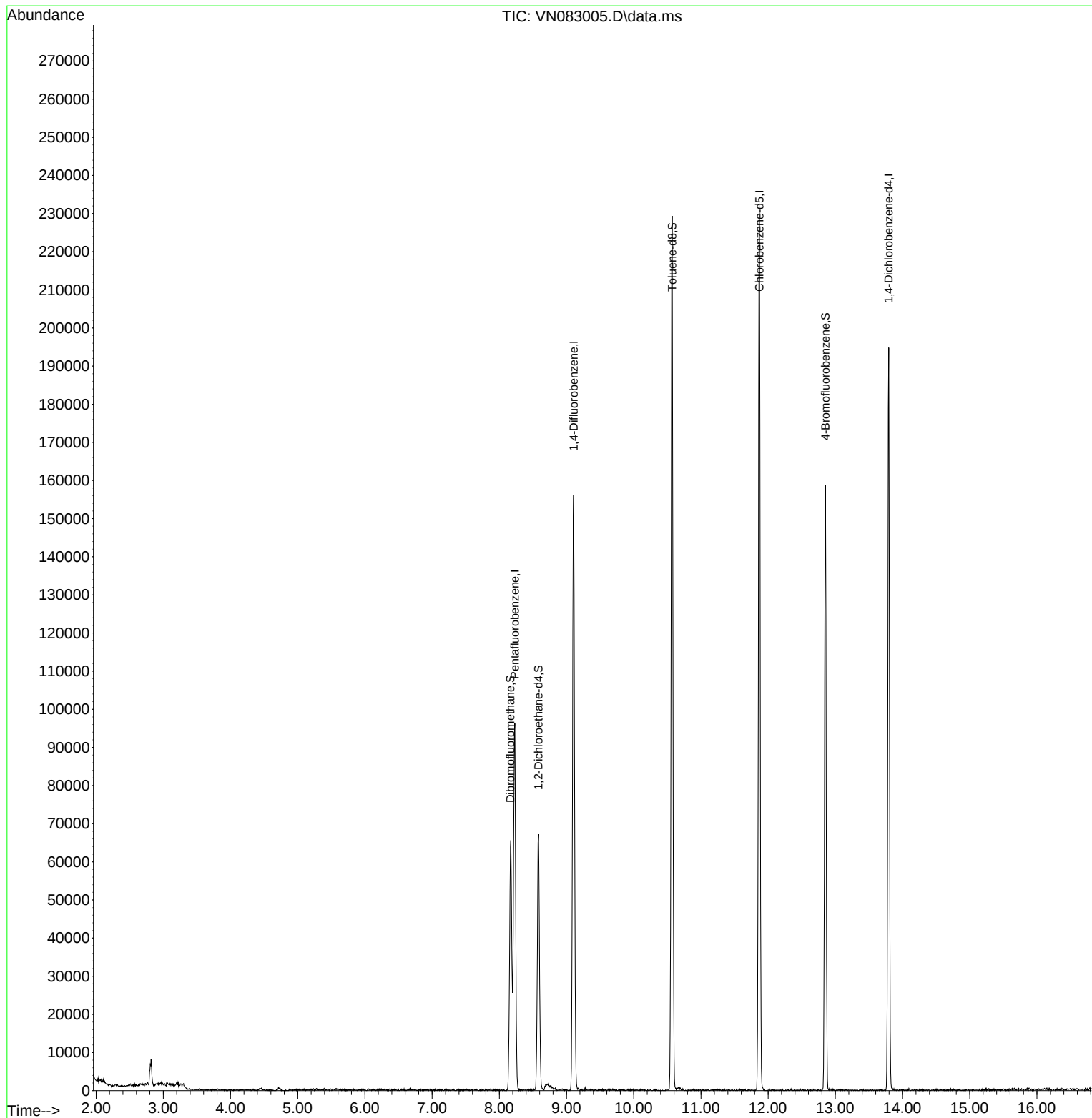
Target Compounds	Qvalue

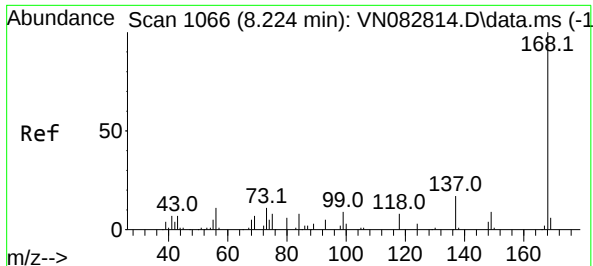
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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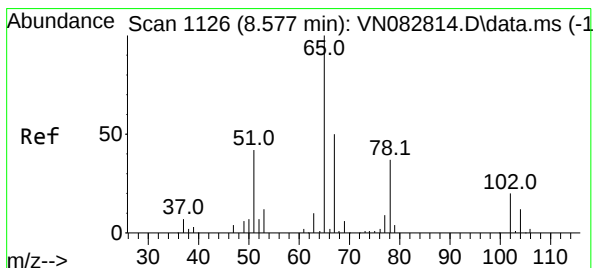
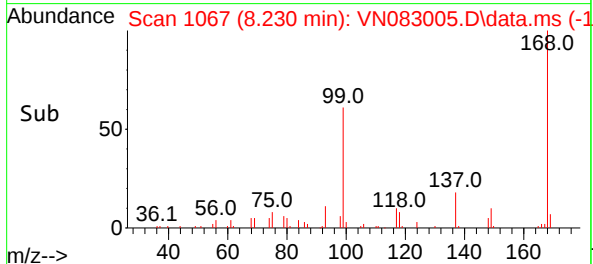
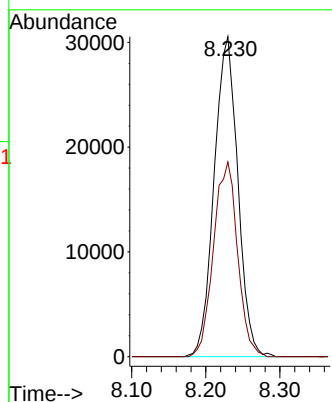
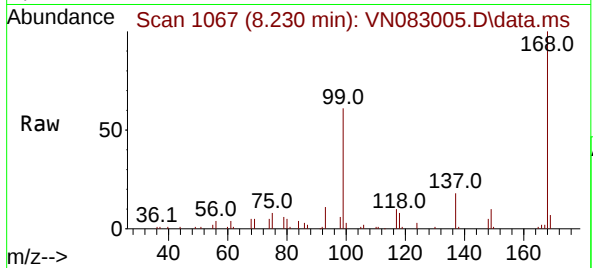




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. 0.001 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

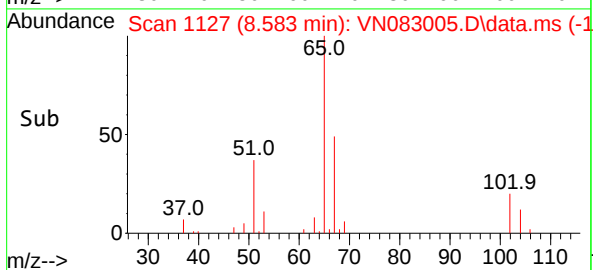
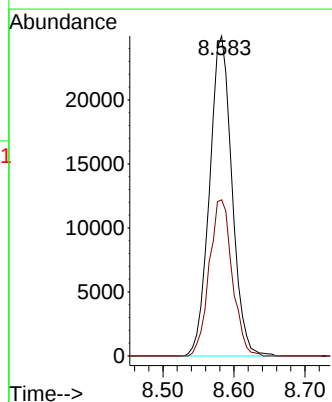
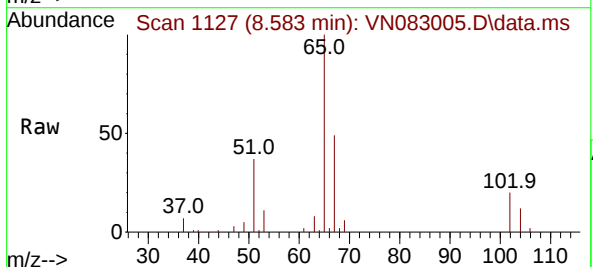
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

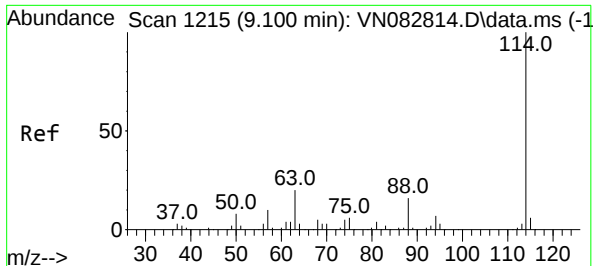
Tgt Ion:168 Resp: 67759
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.591 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

Tgt Ion: 65 Resp: 54702
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083005.D

Acq: 22 Jul 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

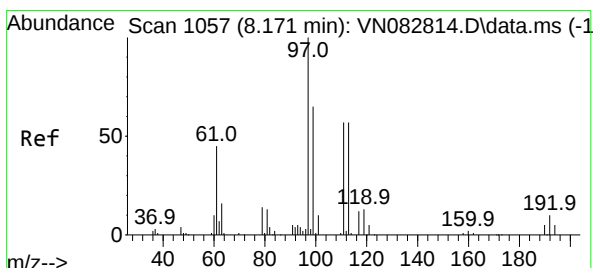
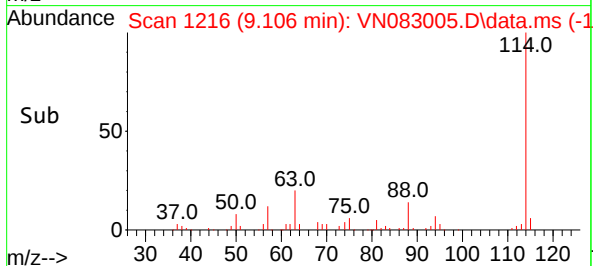
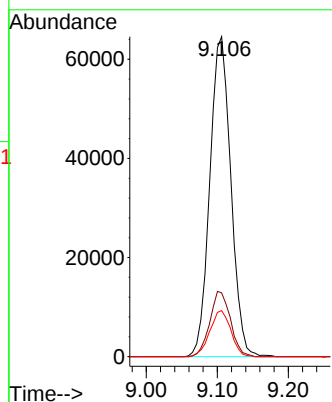
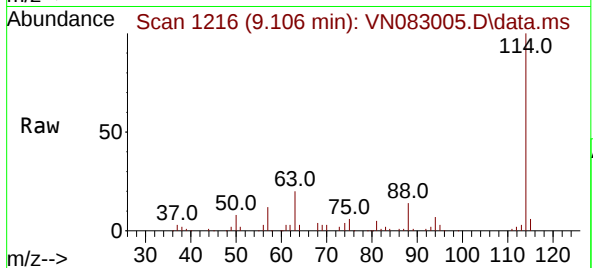
Tgt Ion:114 Resp: 132773

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.6

88 14.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.813 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083005.D

Acq: 22 Jul 2024 15:36

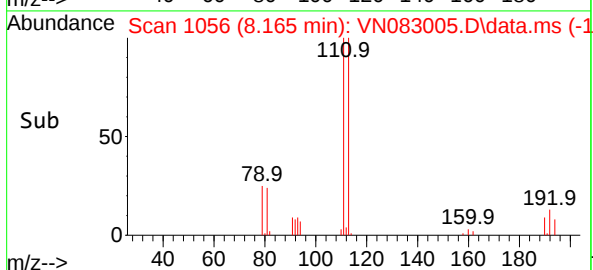
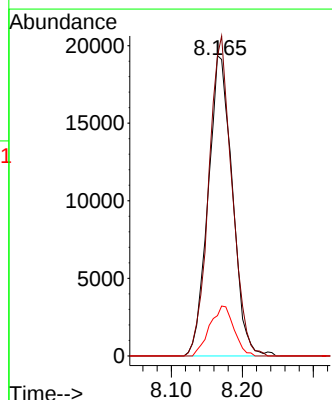
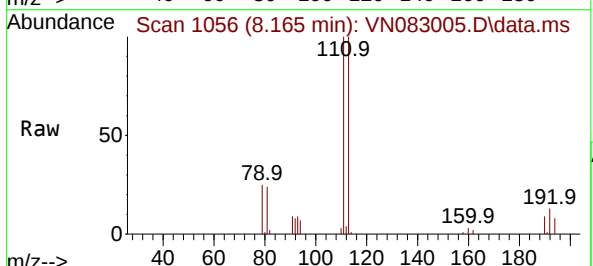
Tgt Ion:113 Resp: 45847

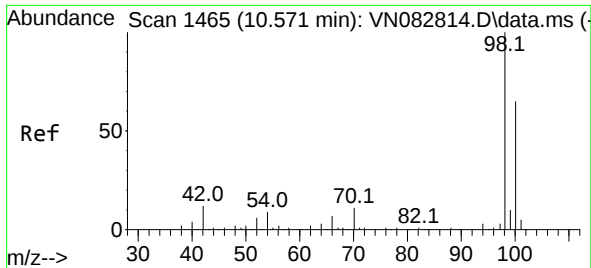
Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 16.6 14.9 22.3

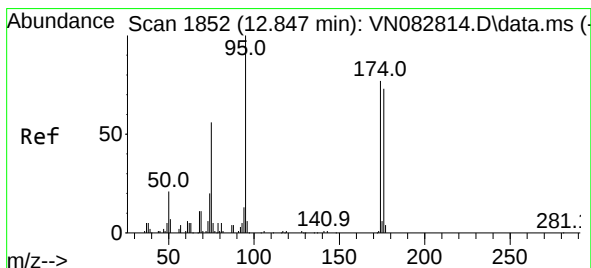
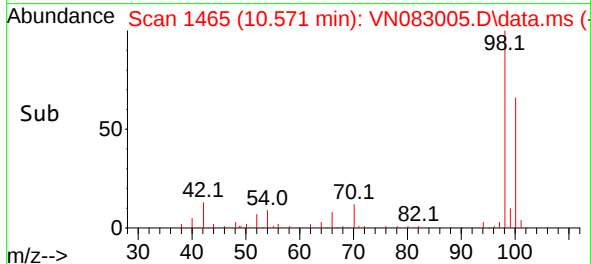
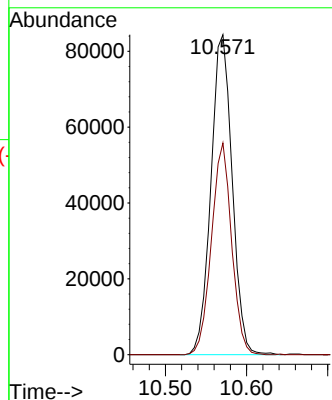
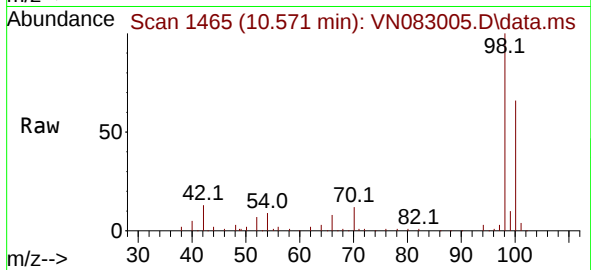




#50
Toluene-d8
Concen: 48.733 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

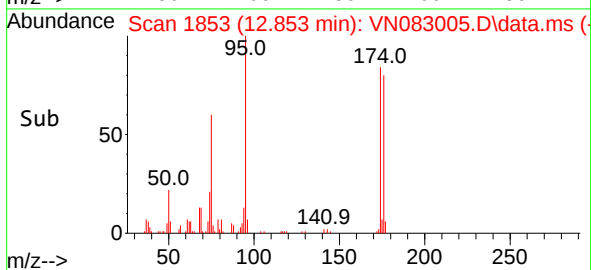
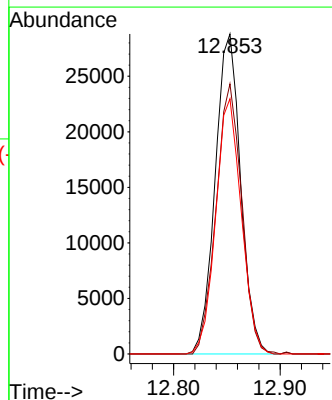
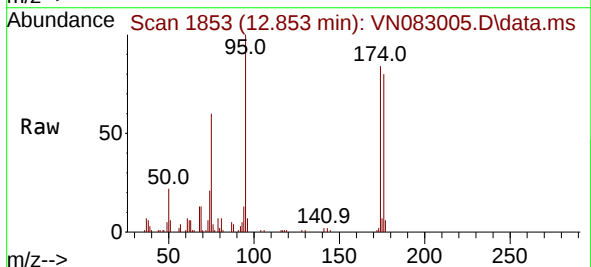
Instrument :
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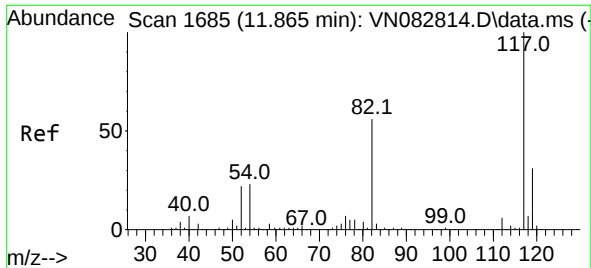
Tgt Ion: 98 Resp: 153350
Ion Ratio Lower Upper
98 100
100 62.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 42.307 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

Tgt Ion: 95 Resp: 47821
Ion Ratio Lower Upper
95 100
174 84.8 0.0 159.2
176 80.2 0.0 147.6

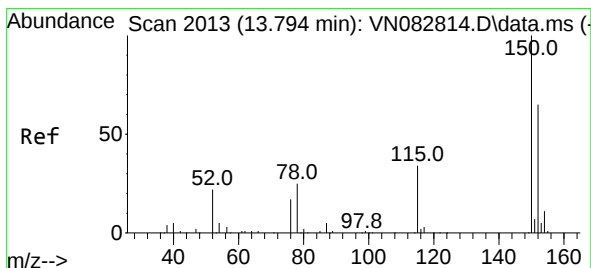
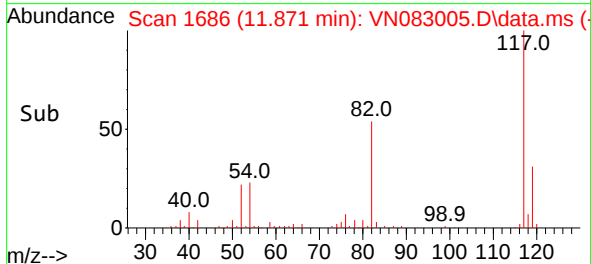
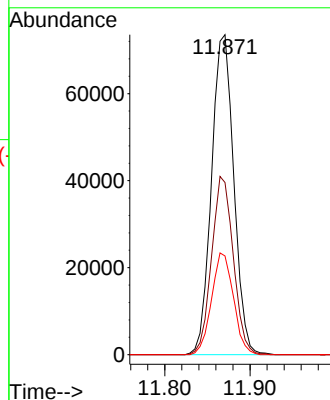
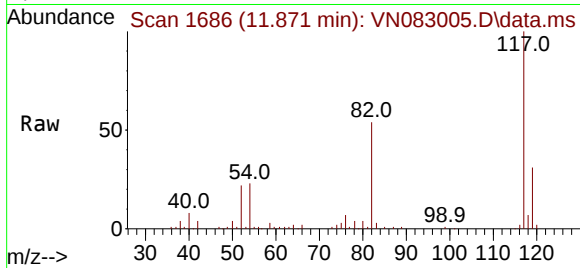




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN083005.D
Acq: 22 Jul 2024 15:36

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

Tgt Ion:117 Resp: 133551
Ion Ratio Lower Upper
117 100
82 53.8 47.5 71.3
119 30.9 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: VN083005.D
Acq: 22 Jul 2024 15:36

Tgt Ion:152 Resp: 52070
Ion Ratio Lower Upper
152 100
115 57.8 30.6 91.6
150 152.5 0.0 348.6

