

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082922.D
 Acq On : 15 Jul 2024 17:04
 Operator : JC\MD
 Sample : P3250-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Jul 16 01:25:23 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	99501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	191892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	188966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	79193	56.777	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.560%
35) Dibromofluoromethane	8.171	113	65512	53.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.400%
50) Toluene-d8	10.571	98	223877	49.227	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.853	95	74441	45.568	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.140%

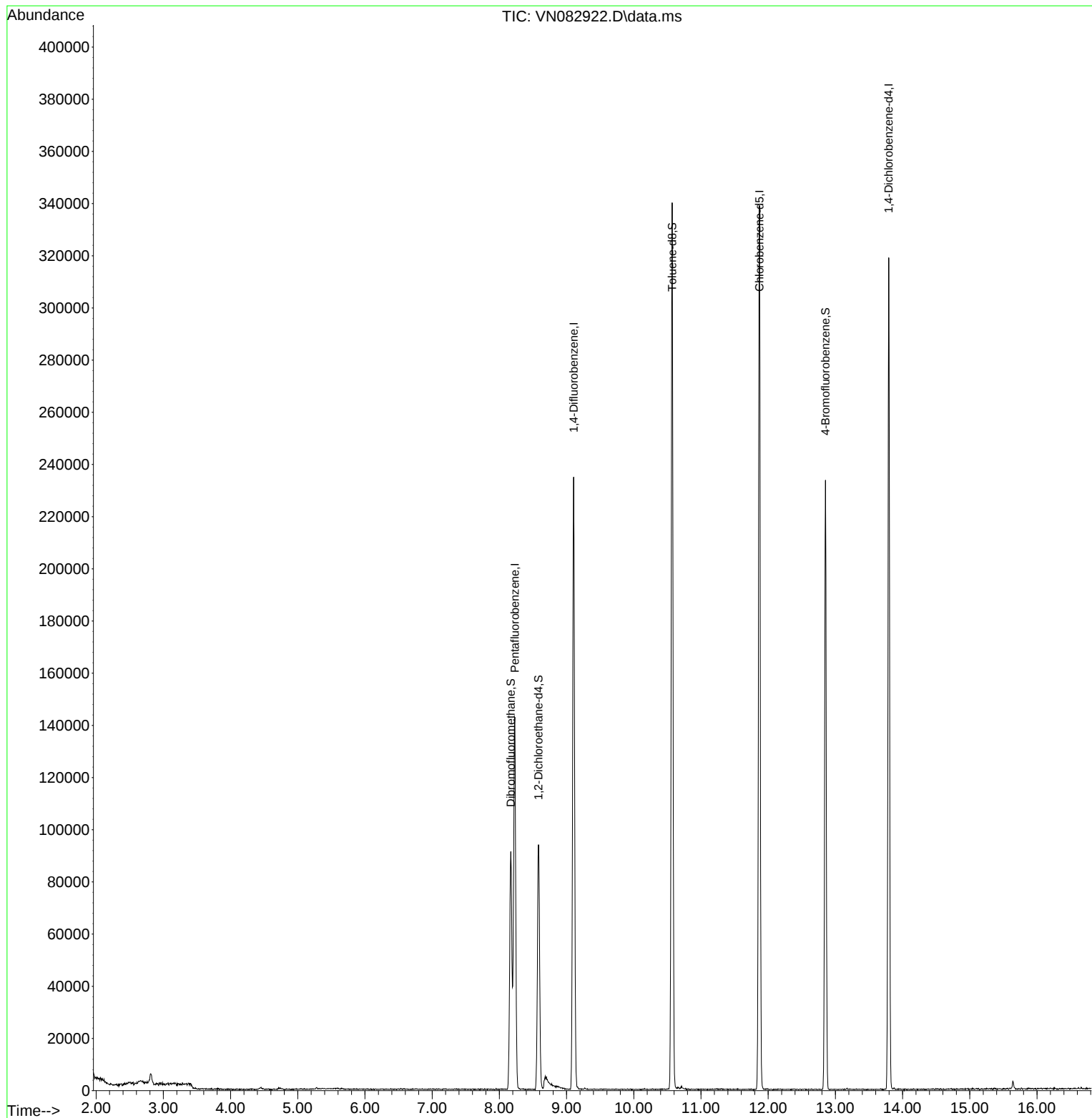
Target Compounds	Qvalue

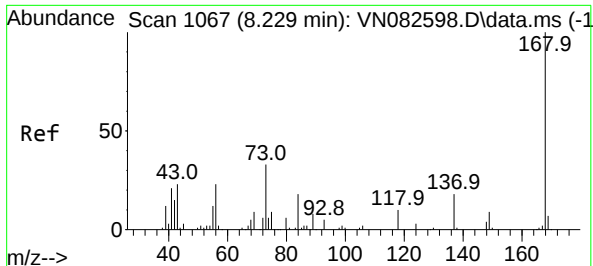
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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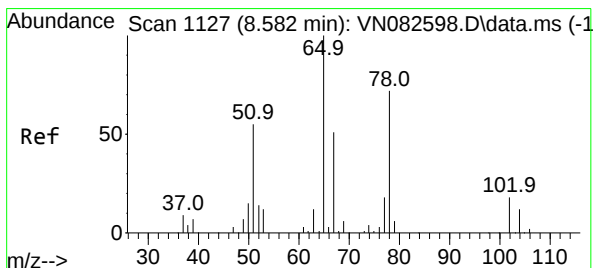
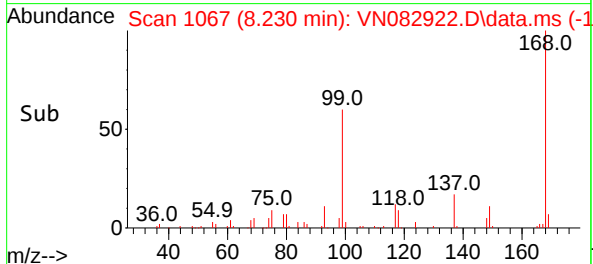
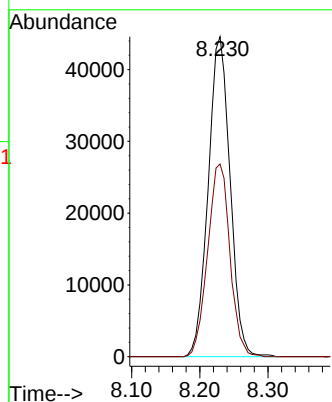
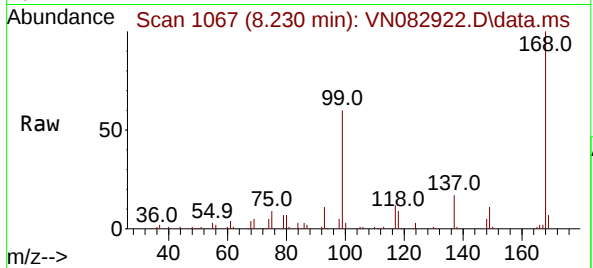




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

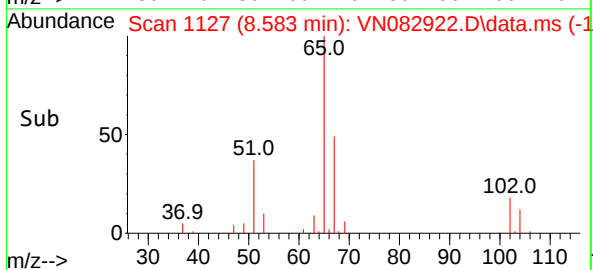
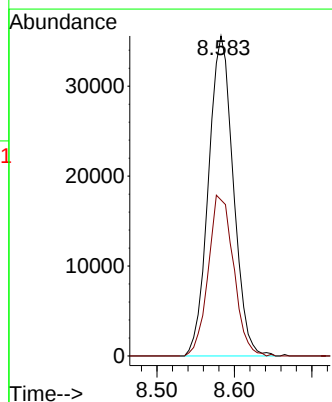
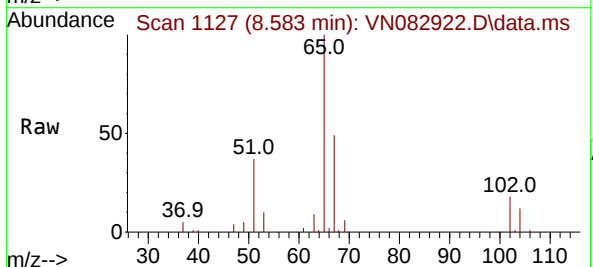
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

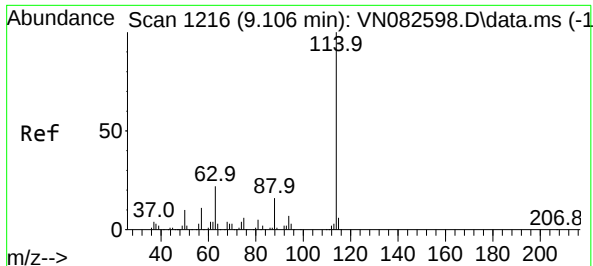
Tgt Ion:168 Resp: 99501
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.777 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Tgt Ion: 65 Resp: 79193
Ion Ratio Lower Upper
65 100
67 51.3 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: VN082922.D

Acq: 15 Jul 2024 17:04

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

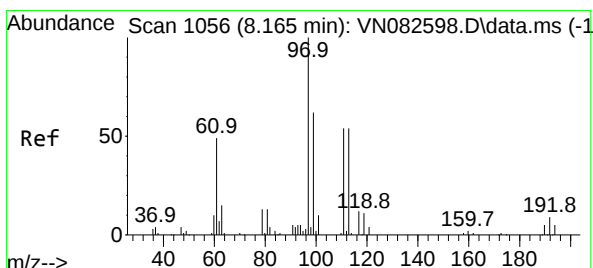
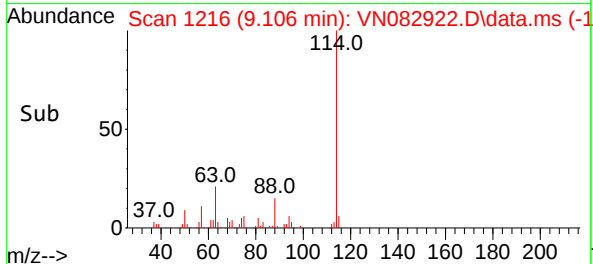
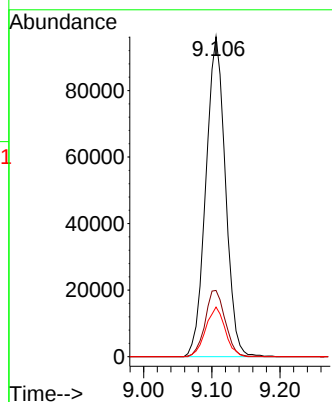
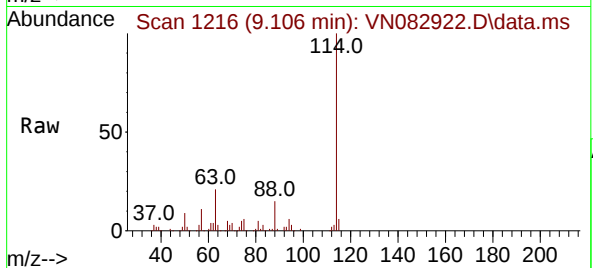
Tgt Ion:114 Resp: 191892

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.6

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.205 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082922.D

Acq: 15 Jul 2024 17:04

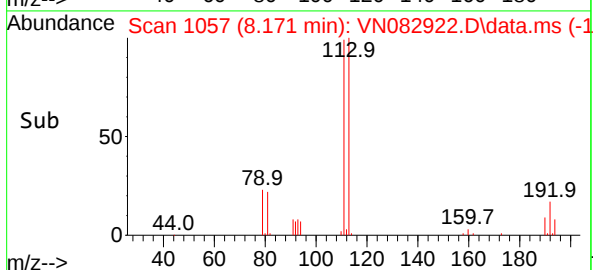
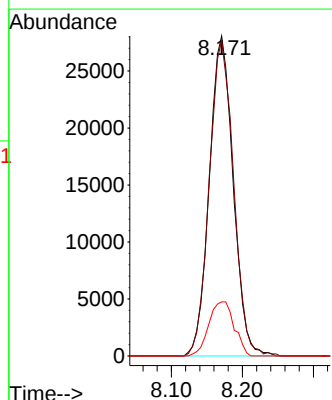
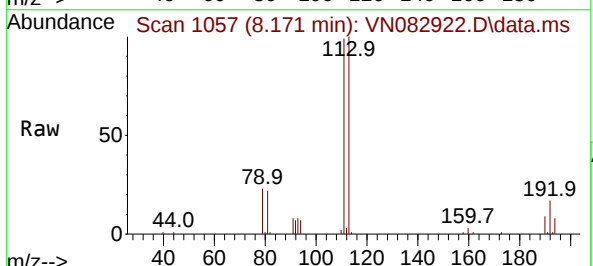
Tgt Ion:113 Resp: 65512

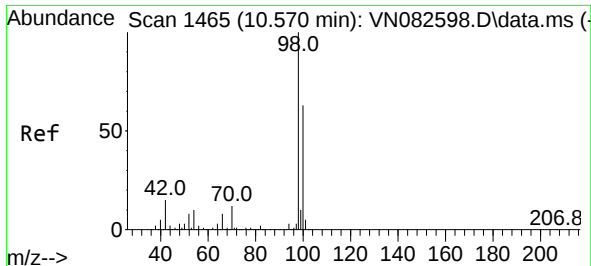
Ion Ratio Lower Upper

113 100

111 100.2 82.4 123.6

192 18.0 14.9 22.3

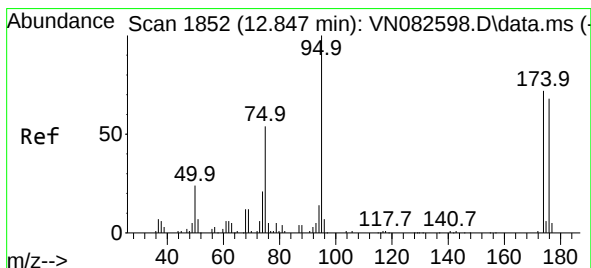
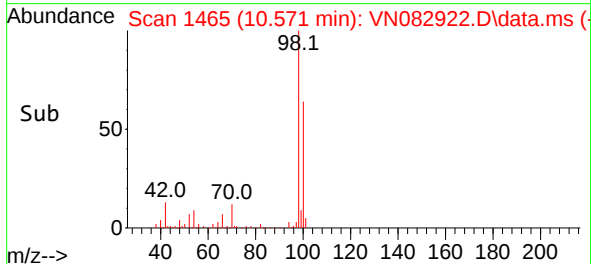
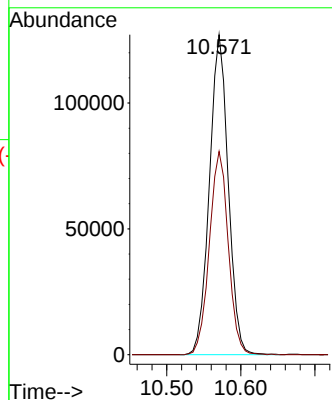
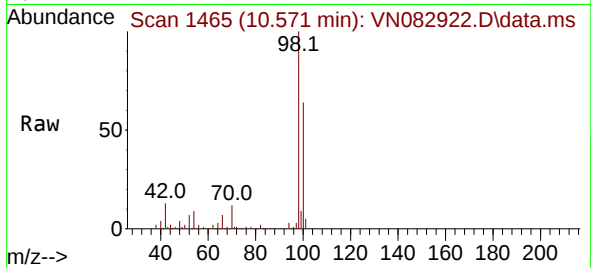




#50
Toluene-d8
Concen: 49.227 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

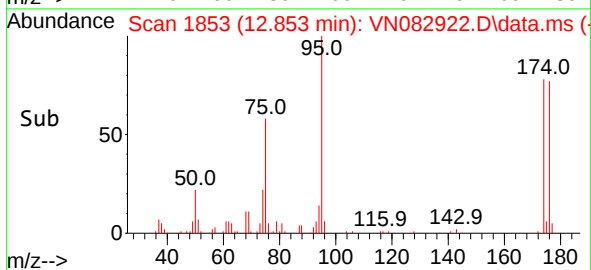
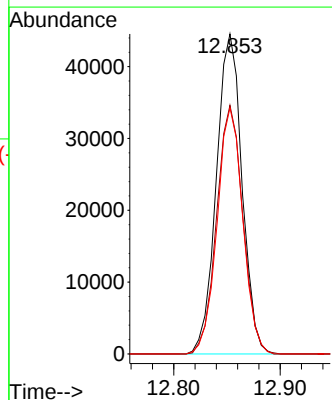
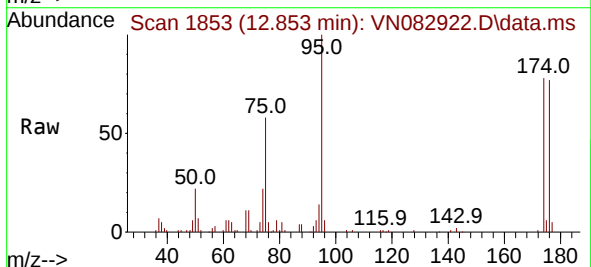
Instrument :
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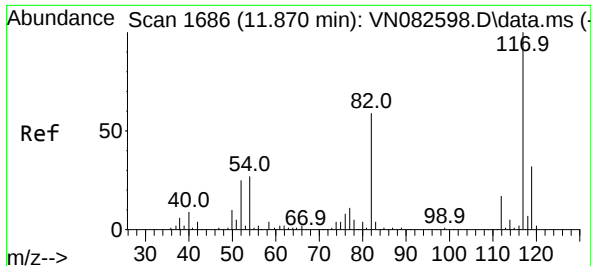
Tgt Ion: 98 Resp: 223877
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.568 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Tgt Ion: 95 Resp: 74441
Ion Ratio Lower Upper
95 100
174 79.3 0.0 159.2
176 76.9 0.0 147.6

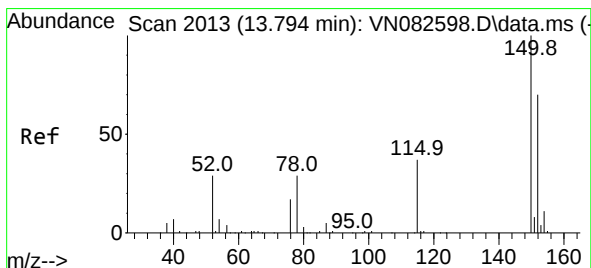
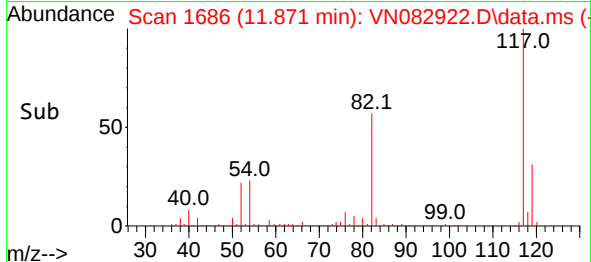
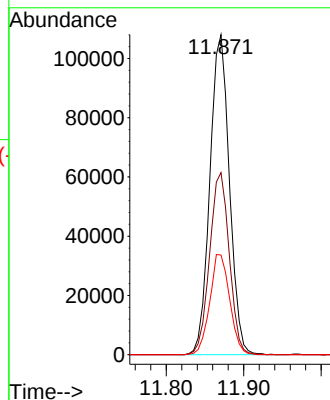
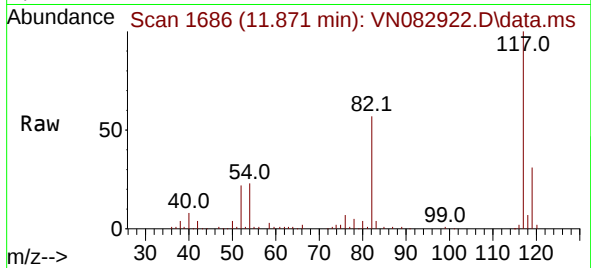




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082922.D
Acq: 15 Jul 2024 17:04

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:117 Resp: 188966
Ion Ratio Lower Upper
117 100
82 56.9 47.5 71.3
119 31.1 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: VN082922.D
Acq: 15 Jul 2024 17:04

Tgt Ion:152 Resp: 81344
Ion Ratio Lower Upper
152 100
115 60.2 30.6 91.6
150 155.9 0.0 348.6

