

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083048.D
 Acq On : 26 Jul 2024 13:46
 Operator : JC\MD
 Sample : P3323-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 26 23:06:04 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	8.224	168	144401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	297974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121935	60.238	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.480%
35) Dibromofluoromethane	8.171	113	101580	56.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.060%
50) Toluene-d8	10.571	98	343760	51.337	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.853	95	110686	46.017	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.040%

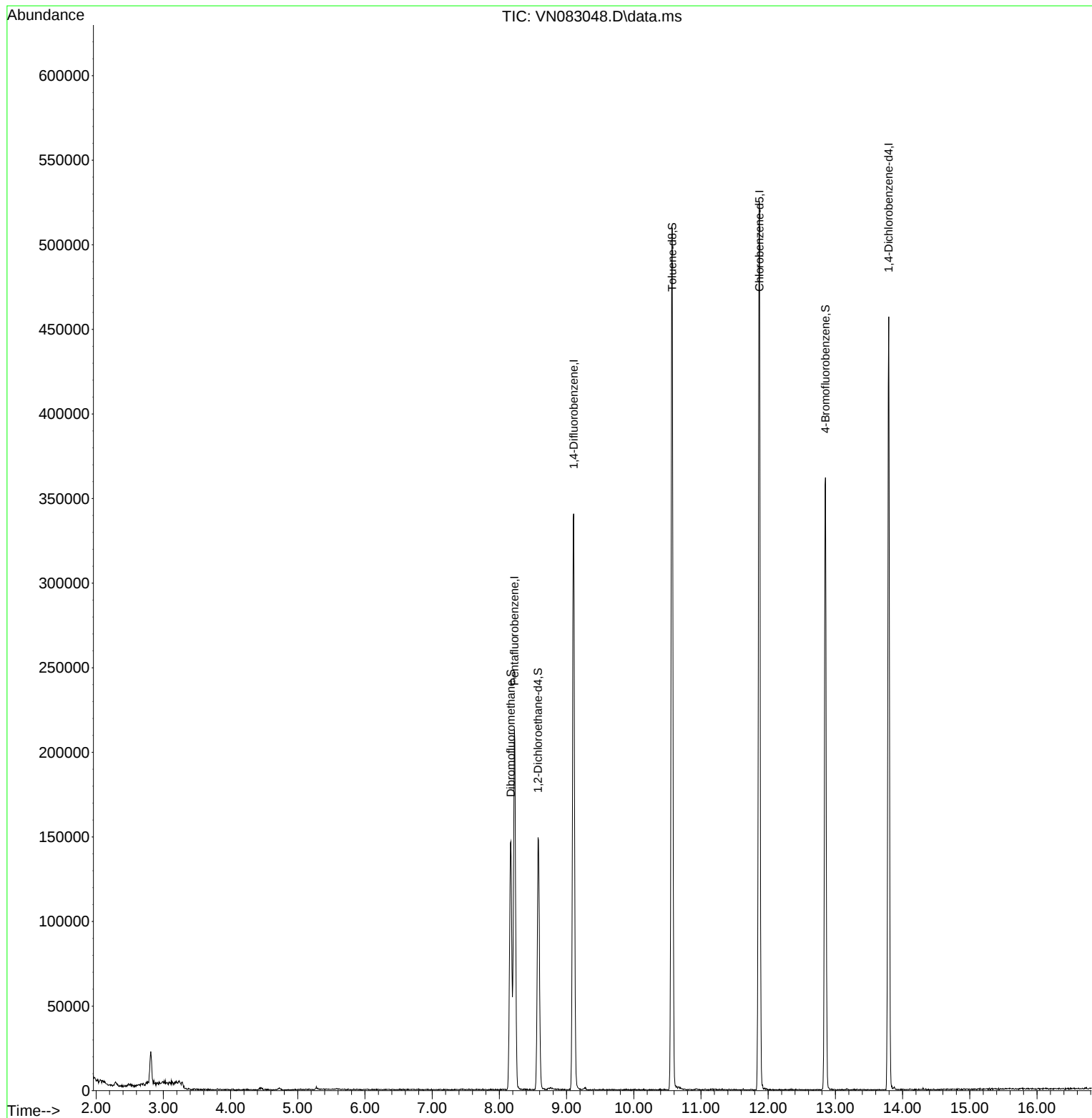
Target Compounds Qvalue

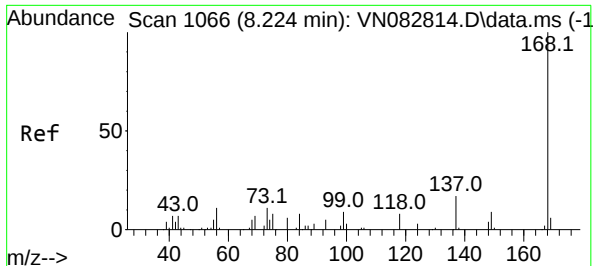
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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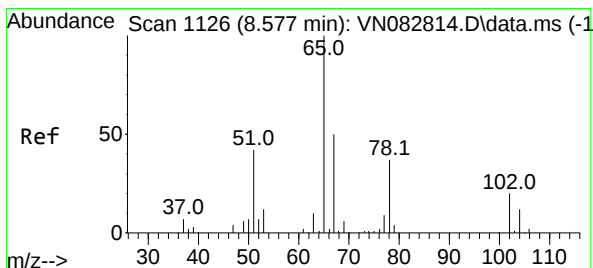
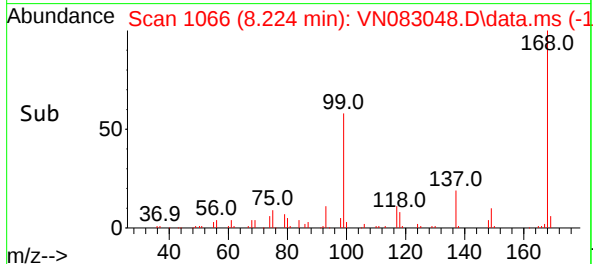
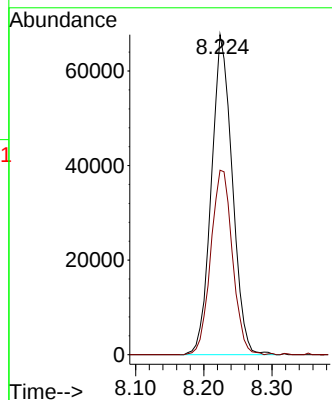
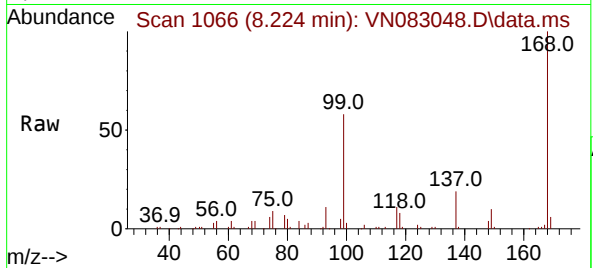




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

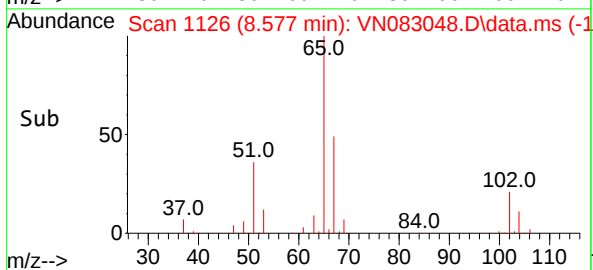
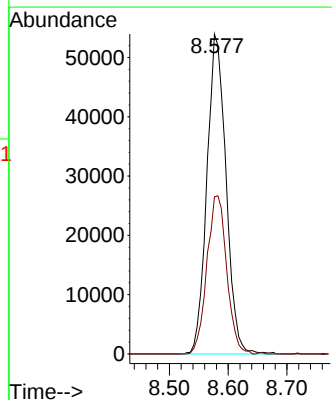
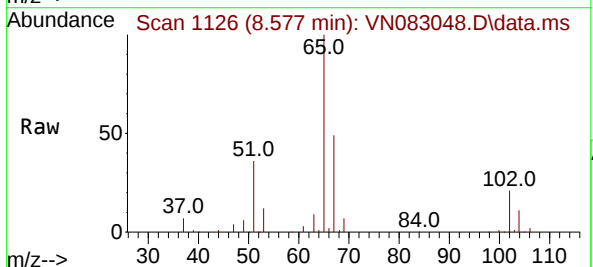
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-5

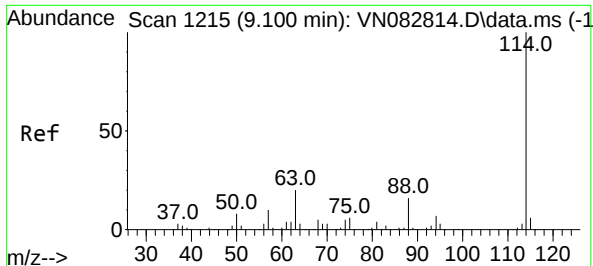
Tgt Ion:168 Resp: 144401
Ion Ratio Lower Upper
168 100
99 57.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 60.238 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

Tgt Ion: 65 Resp: 121935
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083048.D

Acq: 26 Jul 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-5

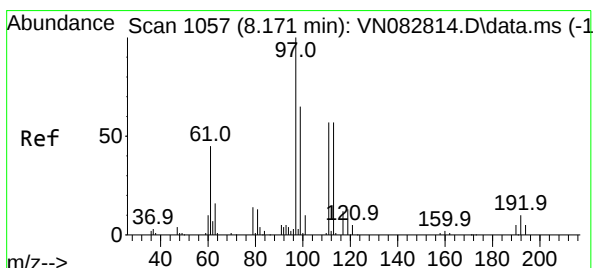
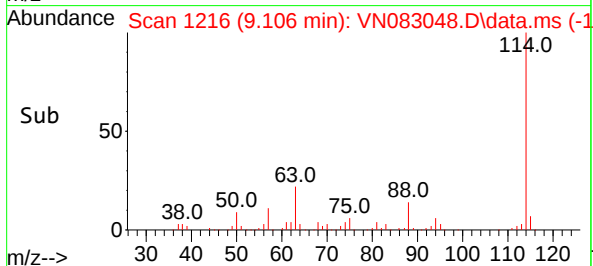
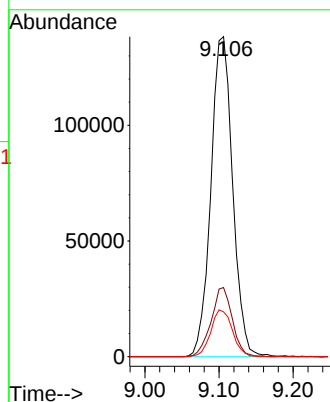
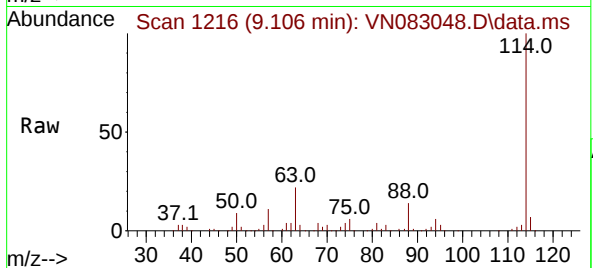
Tgt Ion:114 Resp: 282538

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.6

88 14.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 56.029 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083048.D

Acq: 26 Jul 2024 13:46

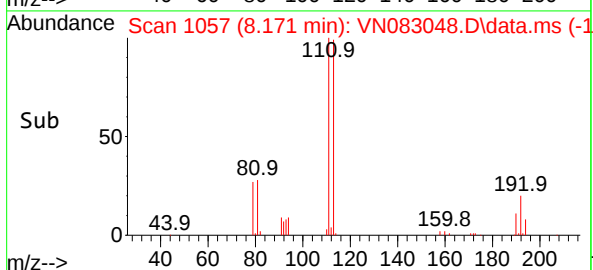
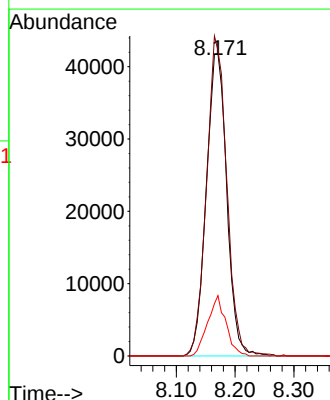
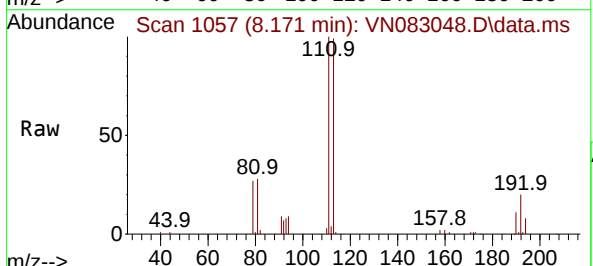
Tgt Ion:113 Resp: 101580

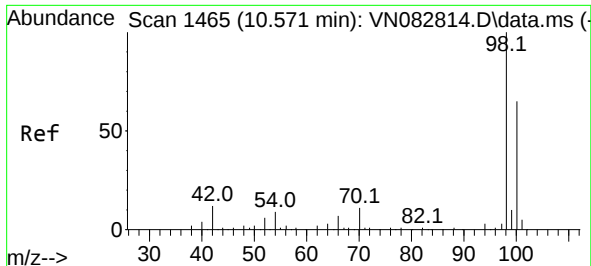
Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

192 17.8 14.9 22.3

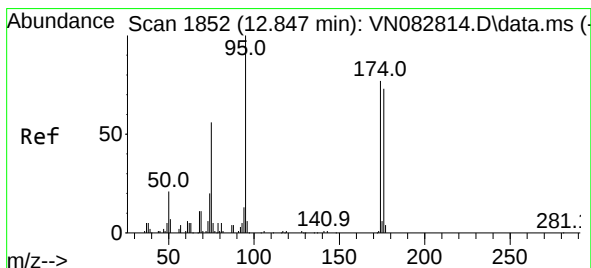
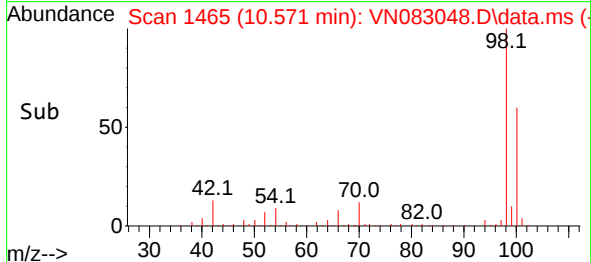
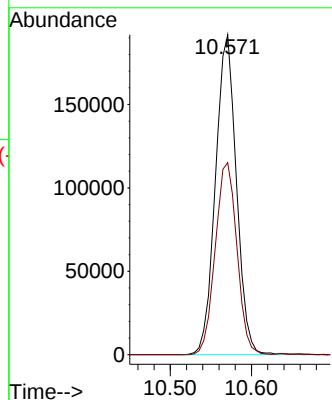
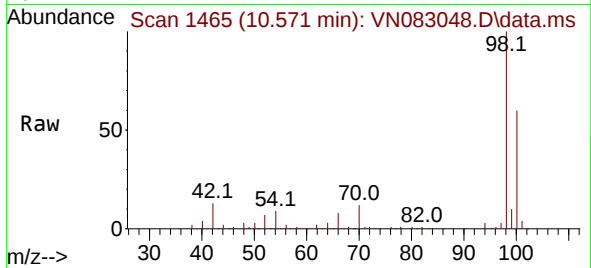




#50
Toluene-d8
Concen: 51.337 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

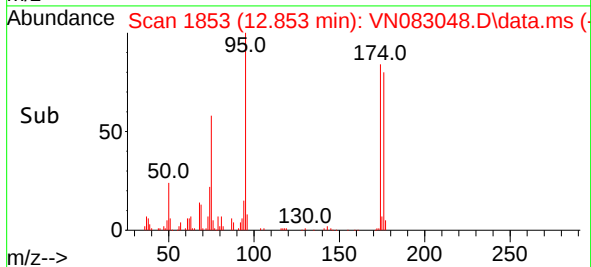
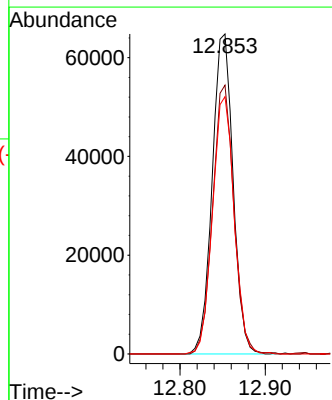
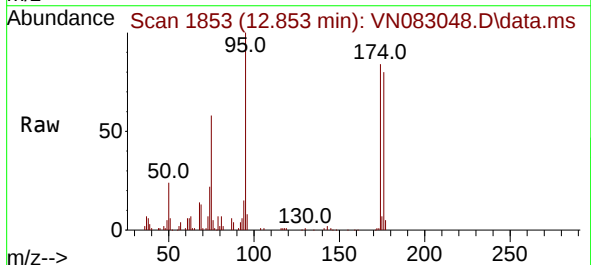
Instrument :
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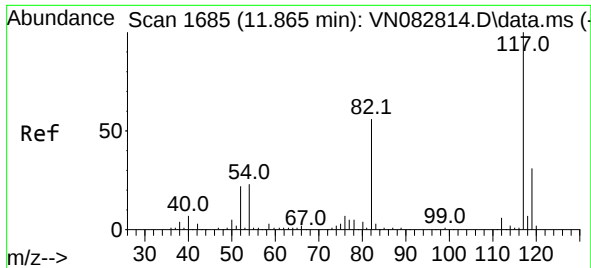
Tgt Ion: 98 Resp: 343760
Ion Ratio Lower Upper
98 100
100 62.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.017 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

Tgt Ion: 95 Resp: 110686
Ion Ratio Lower Upper
95 100
174 84.6 0.0 159.2
176 83.0 0.0 147.6

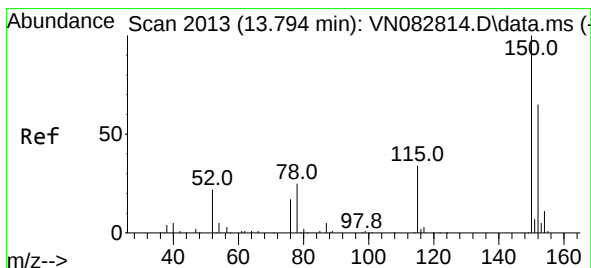
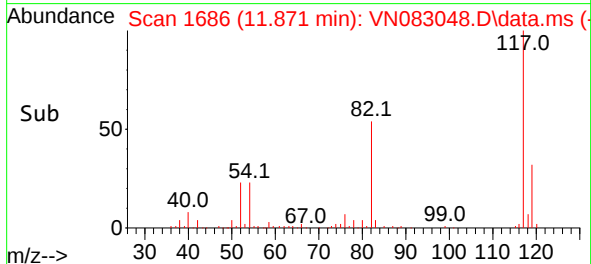
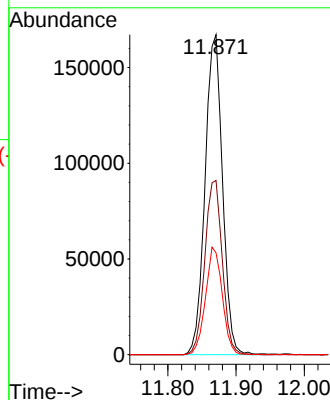
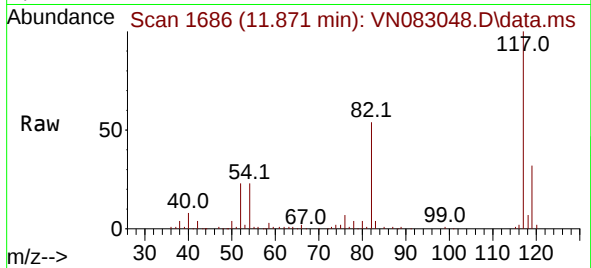




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

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

Tgt Ion:117 Resp: 297974
Ion Ratio Lower Upper
117 100
82 54.4 47.5 71.3
119 31.8 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: VN083048.D
Acq: 26 Jul 2024 13:46

Tgt Ion:152 Resp: 118436
Ion Ratio Lower Upper
152 100
115 59.2 30.6 91.6
150 155.2 0.0 348.6

