

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081569.D
 Acq On : 25 Mar 2024 18:28
 Operator : JC\MD
 Sample : P1840-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Mar 26 01:22:36 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	8.224	168	397737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	711187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	636154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	248011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	262915	51.834	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.660%
35) Dibromofluoromethane	8.165	113	226822	50.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.080%
50) Toluene-d8	10.565	98	838700	51.693	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.853	95	263803	46.144	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.280%

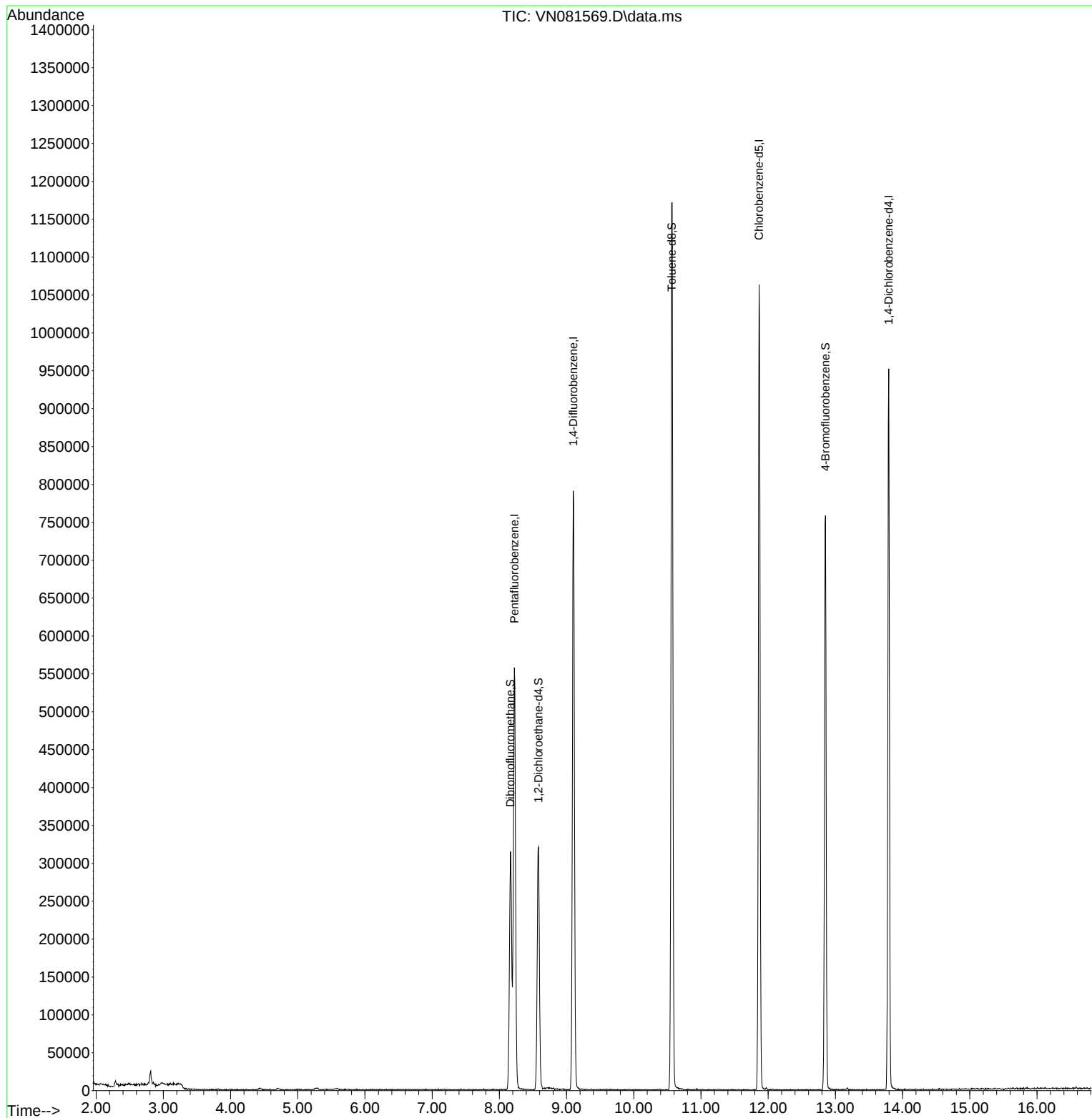
Target Compounds	Qvalue

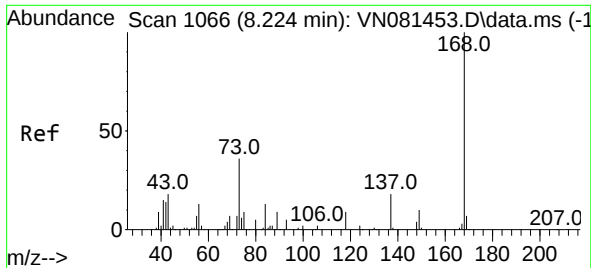
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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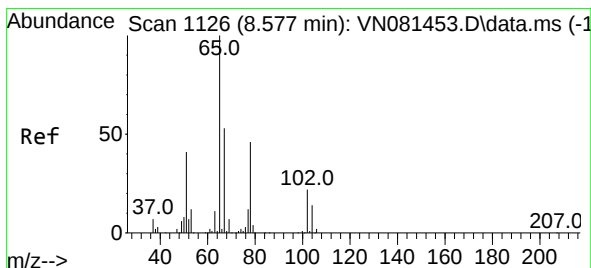
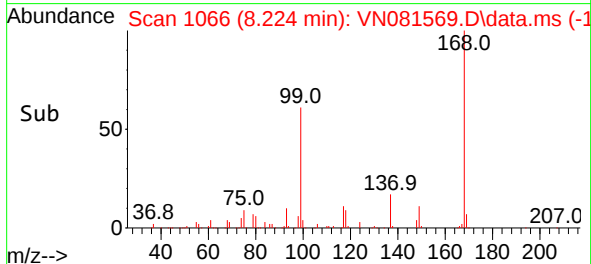
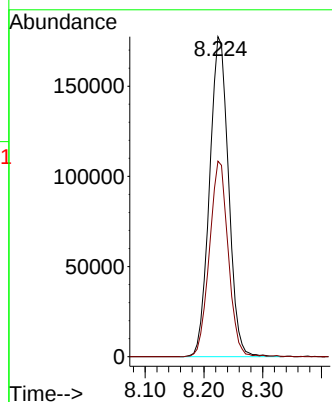
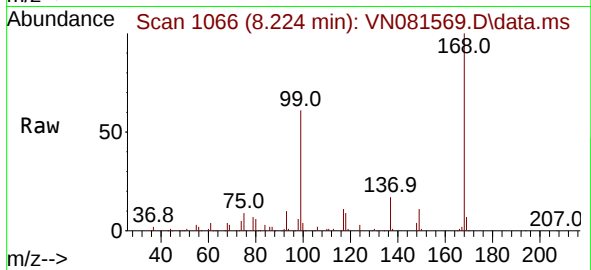




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081569.D
Acq: 25 Mar 2024 18:28

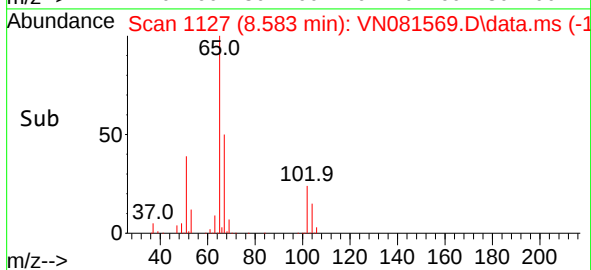
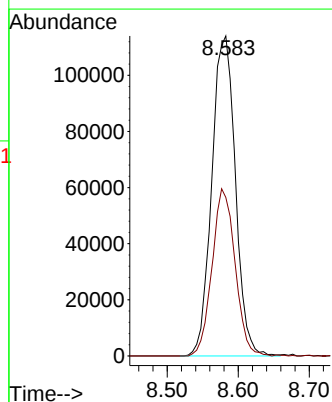
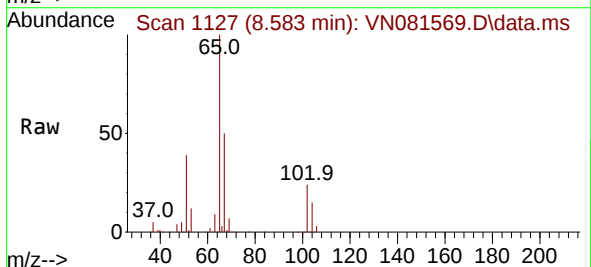
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

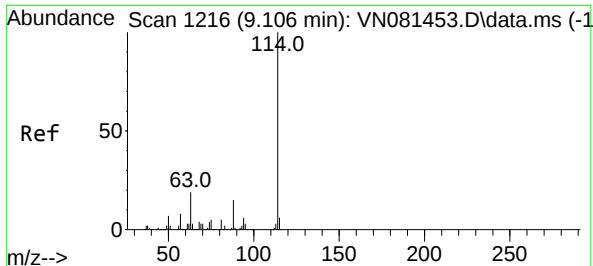
Tgt Ion:168 Resp: 397737
Ion Ratio Lower Upper
168 100
99 61.1 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.834 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081569.D
Acq: 25 Mar 2024 18:28

Tgt Ion: 65 Resp: 262915
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081569.D

Acq: 25 Mar 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

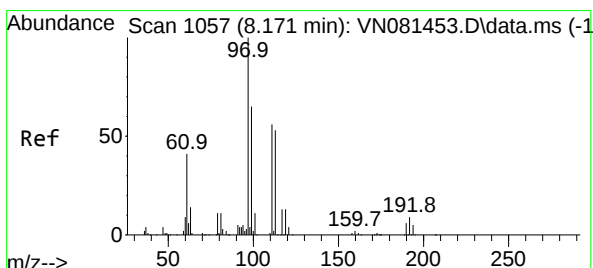
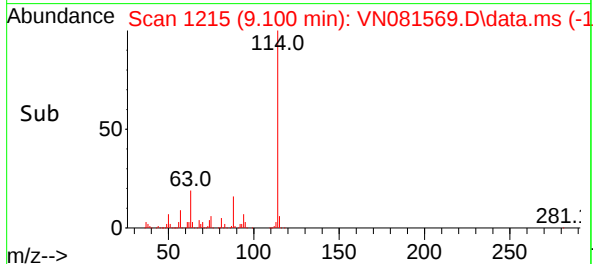
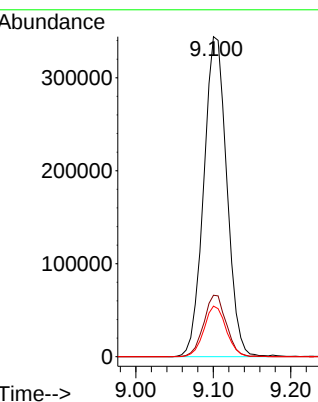
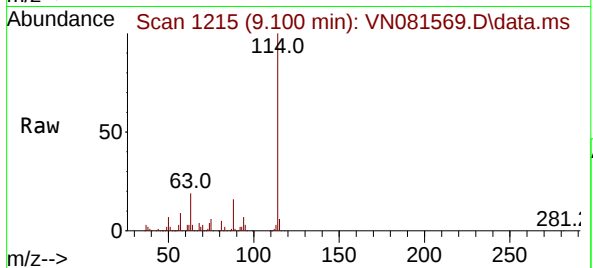
Tgt Ion:114 Resp: 711187

Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

88 15.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.536 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081569.D

Acq: 25 Mar 2024 18:28

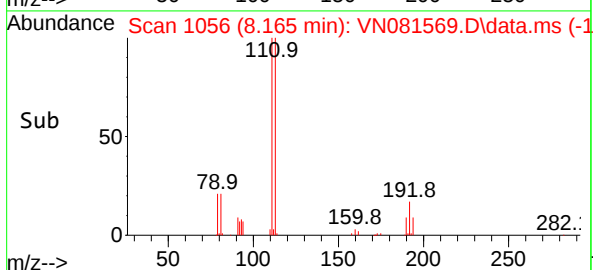
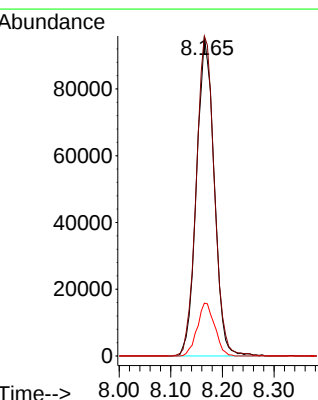
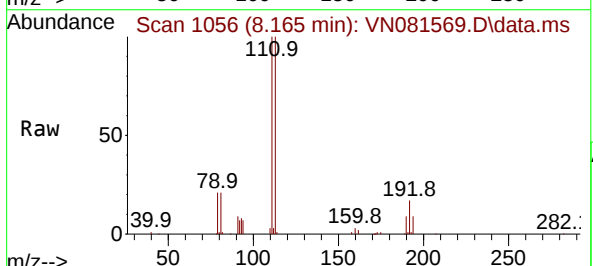
Tgt Ion:113 Resp: 226822

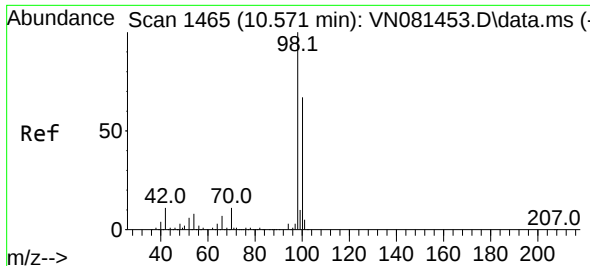
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 16.4 12.5 18.7

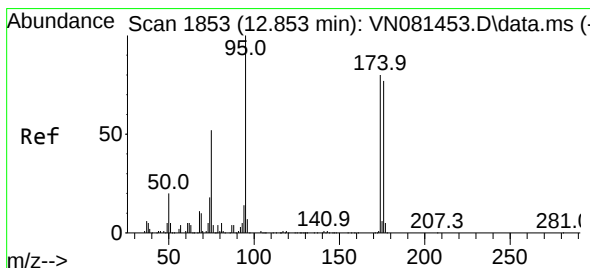
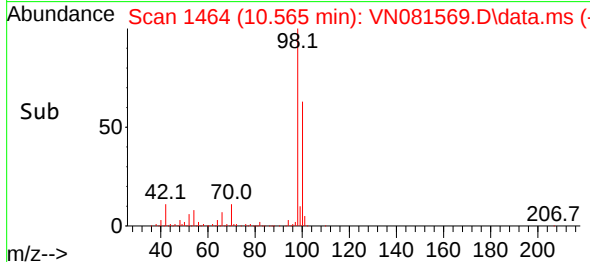
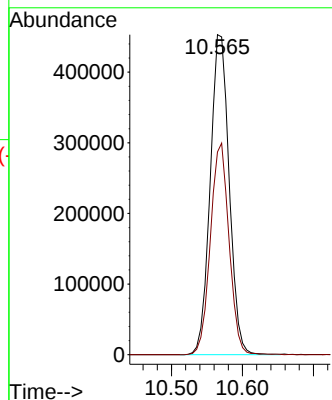
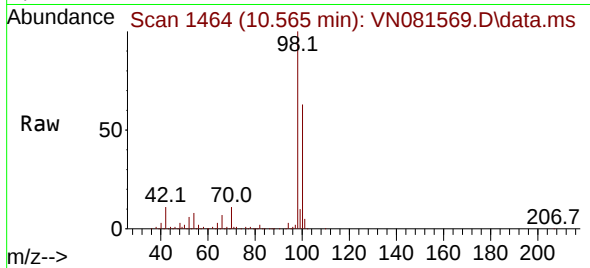




#50
Toluene-d8
Concen: 51.693 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081569.D
Acq: 25 Mar 2024 18:28

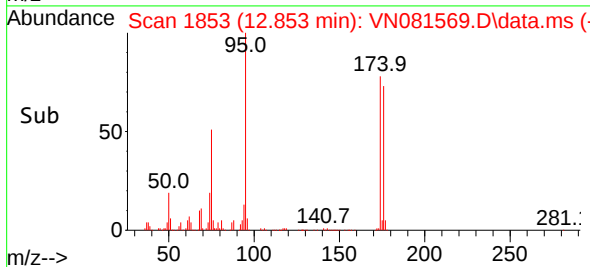
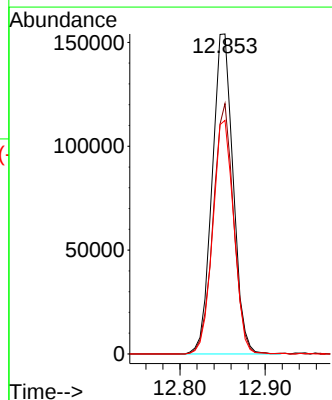
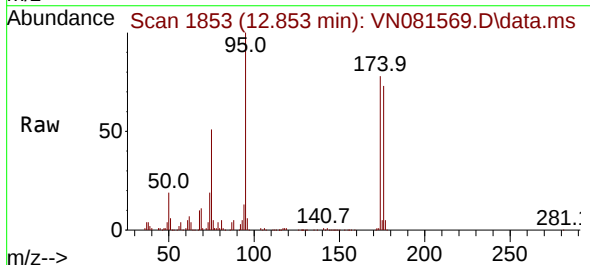
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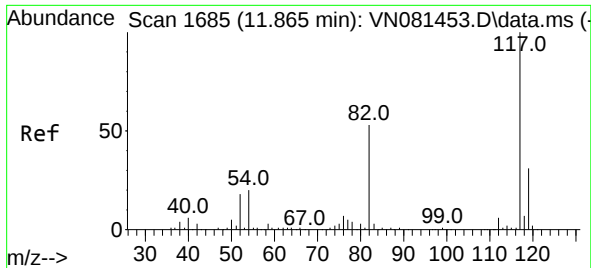
Tgt Ion: 98 Resp: 838700
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.144 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081569.D
Acq: 25 Mar 2024 18:28

Tgt Ion: 95 Resp: 263803
Ion Ratio Lower Upper
95 100
174 76.2 0.0 120.4
176 73.1 0.0 121.0

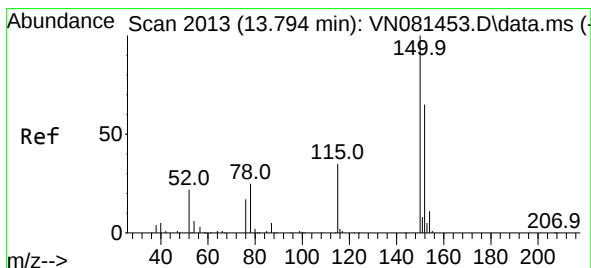
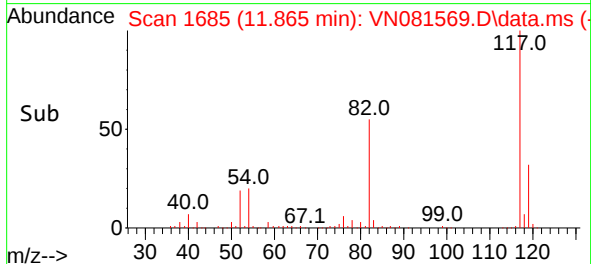
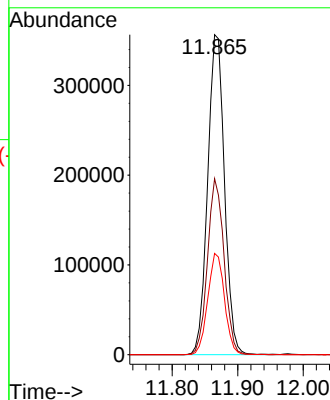
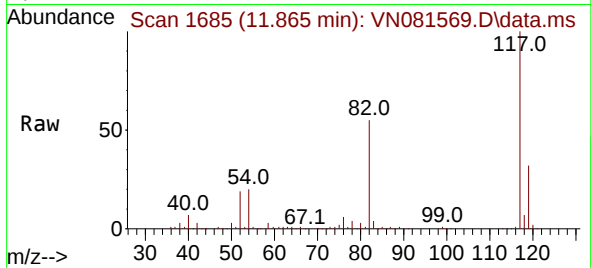




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081569.D
Acq: 25 Mar 2024 18:28

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

Tgt Ion:117 Resp: 636154
Ion Ratio Lower Upper
117 100
82 55.0 52.7 79.1
119 31.7 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: VN081569.D
Acq: 25 Mar 2024 18:28

Tgt Ion:152 Resp: 248011
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 158.0 0.0 339.8

