

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081568.D
 Acq On : 25 Mar 2024 18:04
 Operator : JC\MD
 Sample : P1840-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Mar 26 01:22:13 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	8.230	168	386448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	694053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	628314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	246977	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	256583	52.064	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.120%
35) Dibromofluoromethane	8.165	113	219342	50.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.160%
50) Toluene-d8	10.571	98	829049	52.359	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.720%
62) 4-Bromofluorobenzene	12.853	95	259093	46.439	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.880%

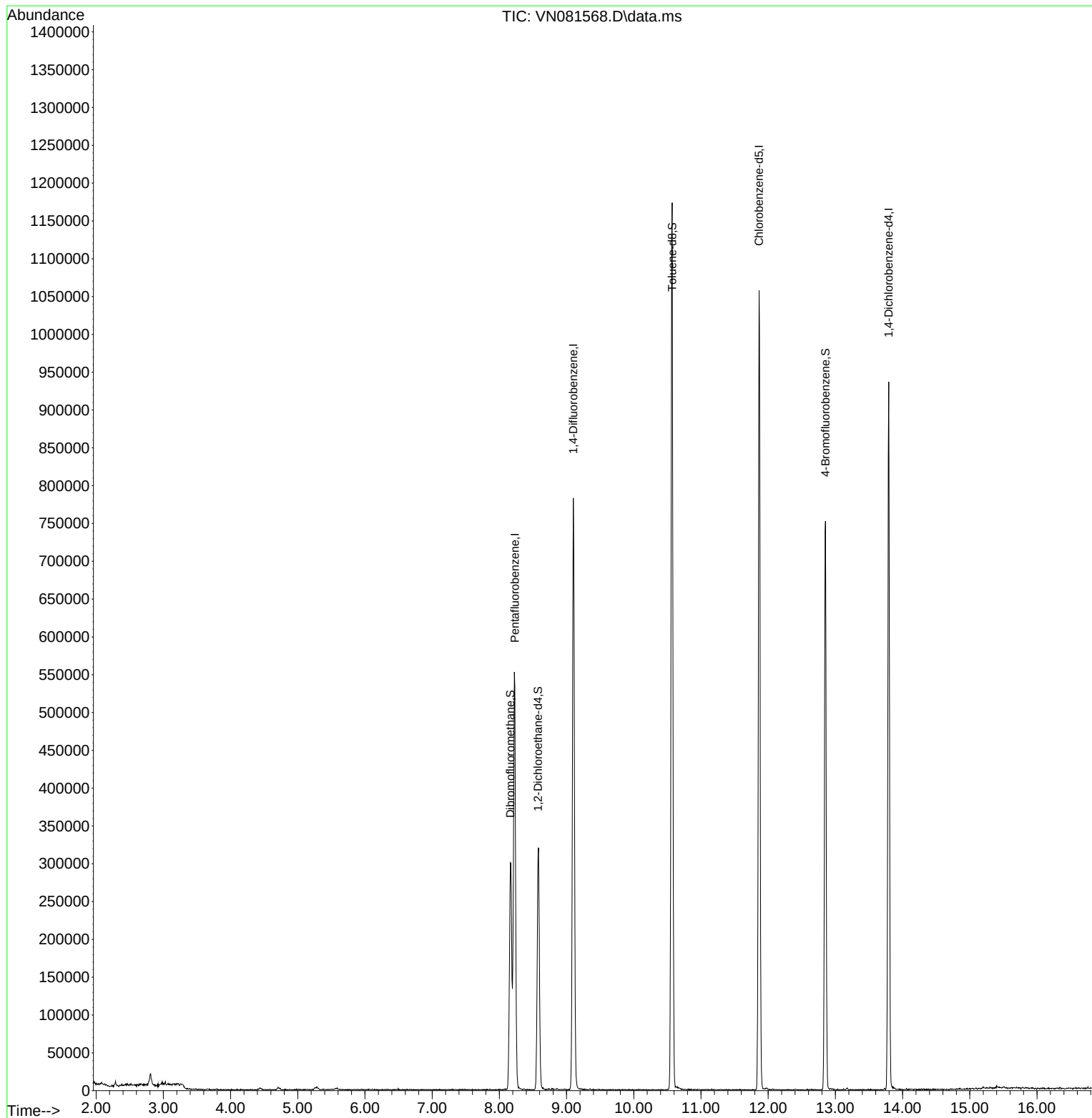
Target Compounds	Qvalue

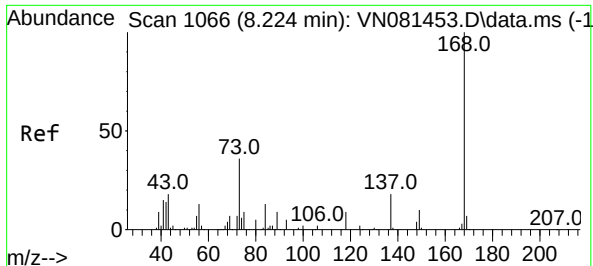
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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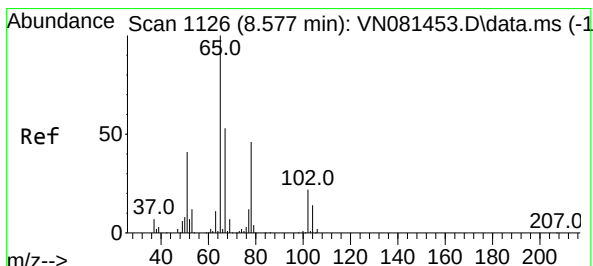
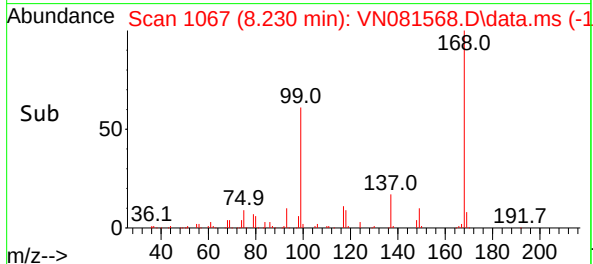
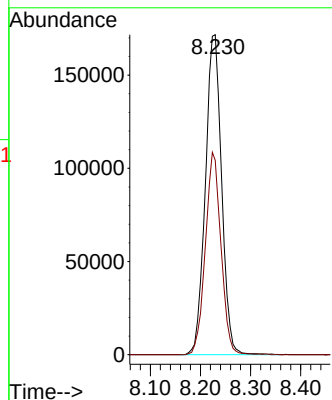
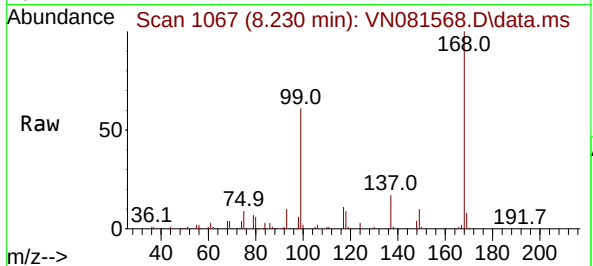




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

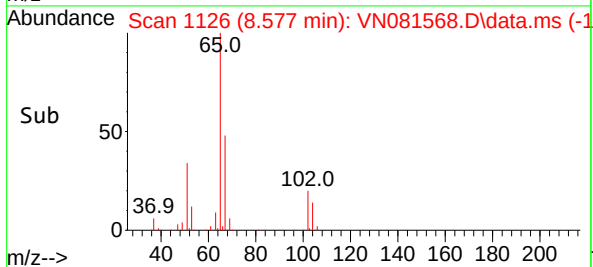
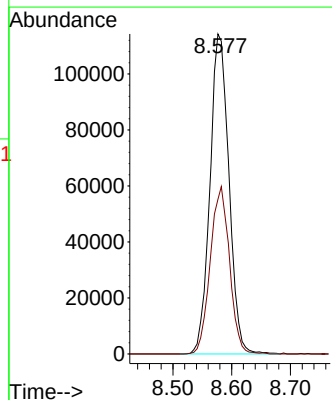
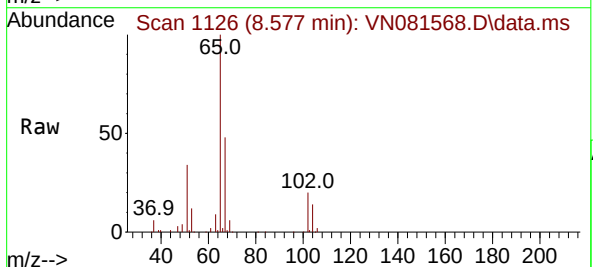
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

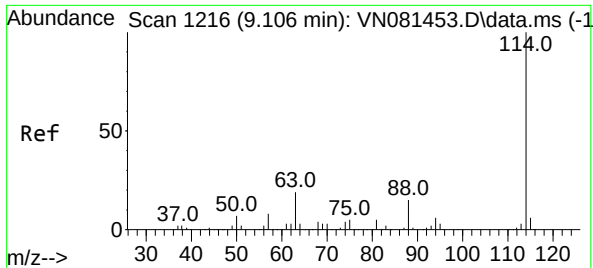
Tgt Ion:168 Resp: 386448
Ion Ratio Lower Upper
168 100
99 60.8 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 52.064 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

Tgt Ion: 65 Resp: 256583
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081568.D

Acq: 25 Mar 2024 18:04

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

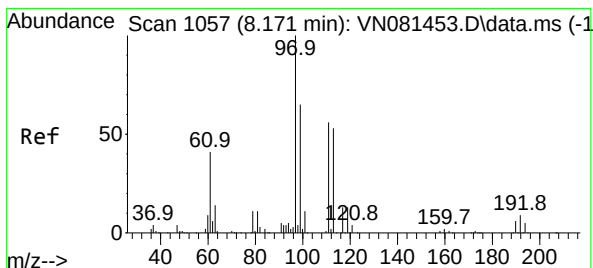
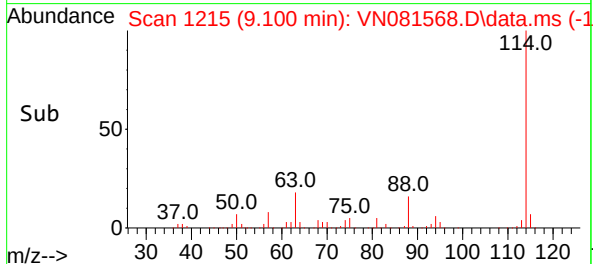
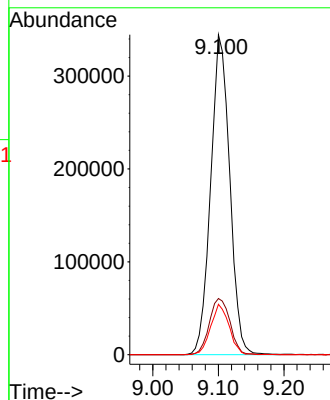
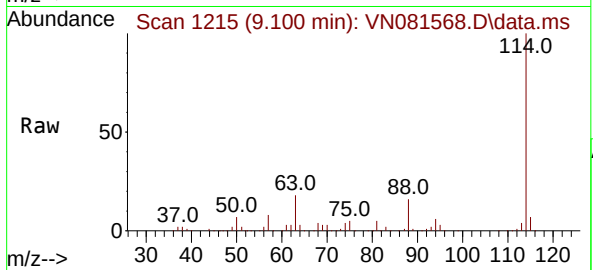
Tgt Ion:114 Resp: 694053

Ion Ratio Lower Upper

114 100

63 17.6 0.0 48.0

88 15.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.076 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081568.D

Acq: 25 Mar 2024 18:04

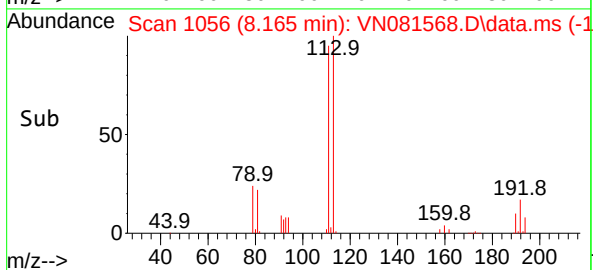
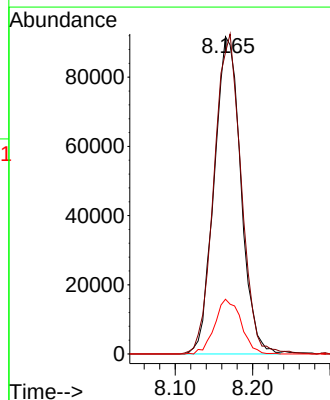
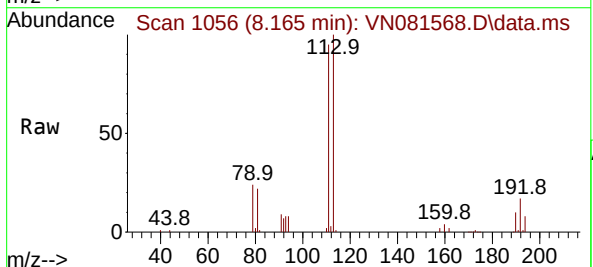
Tgt Ion:113 Resp: 219342

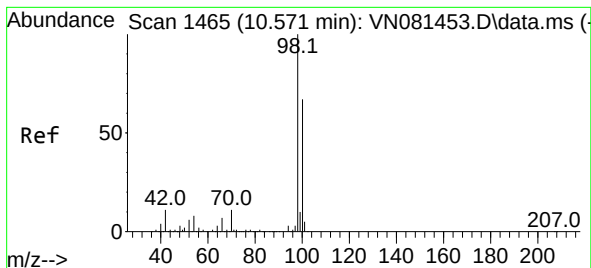
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 17.1 12.5 18.7

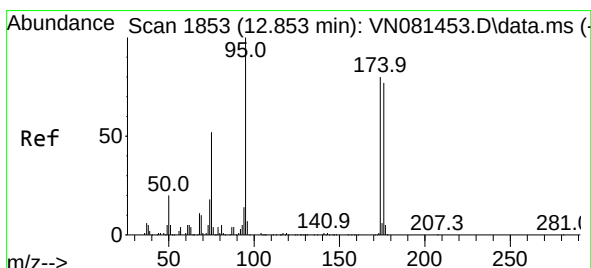
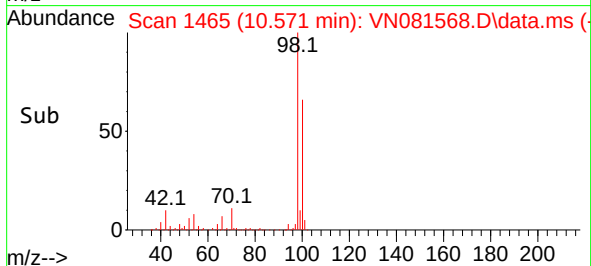
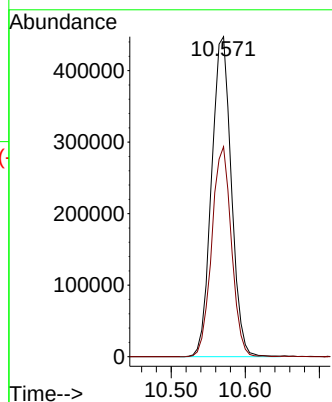
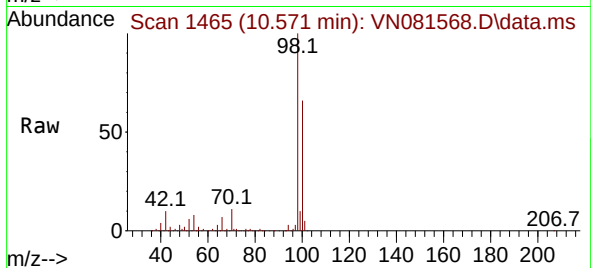




#50
Toluene-d8
Concen: 52.359 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

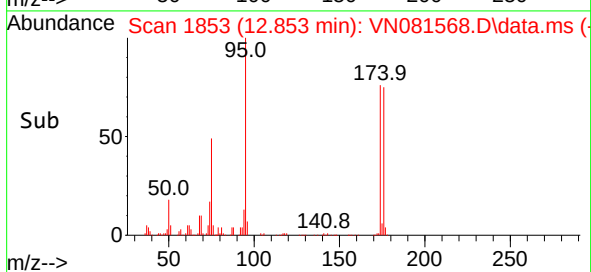
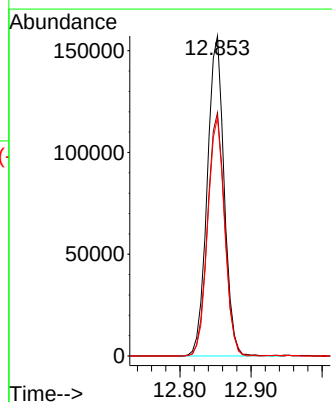
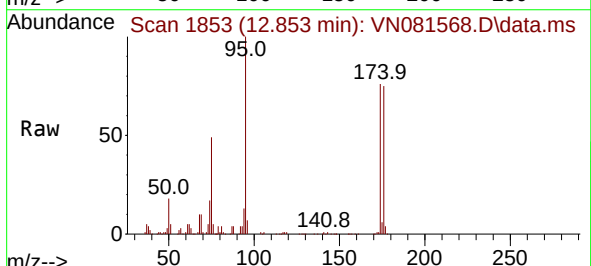
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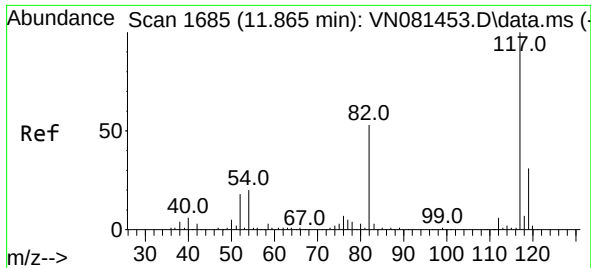
Tgt Ion: 98 Resp: 829049
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.439 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

Tgt Ion: 95 Resp: 259093
Ion Ratio Lower Upper
95 100
174 77.6 0.0 120.4
176 74.7 0.0 121.0

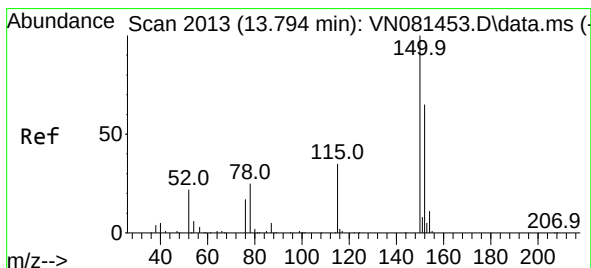
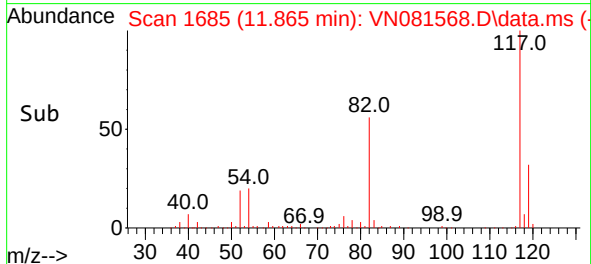
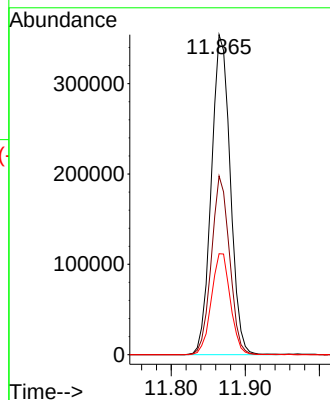
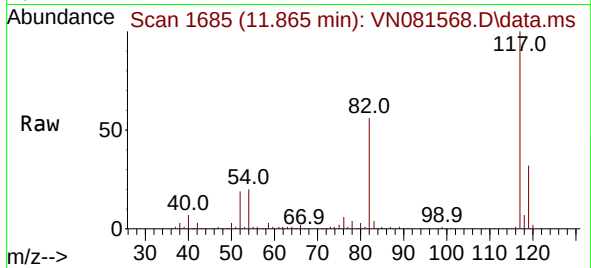




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081568.D
Acq: 25 Mar 2024 18:04

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 628314
Ion Ratio Lower Upper
117 100
82 55.8 52.7 79.1
119 31.6 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: VN081568.D
Acq: 25 Mar 2024 18:04

Tgt Ion:152 Resp: 246977
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 158.3 0.0 339.8

