

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076638.D
 Acq On : 13 Feb 2023 19:32
 Operator : JC\MD
 Sample : 01536-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Feb 14 05:26:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	321671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	581440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	503822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	198487	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	223070	50.221	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.440%
35) Dibromofluoromethane	8.172	113	180005	47.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	10.566	98	686176	48.254	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.848	95	219073	46.514	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.020%

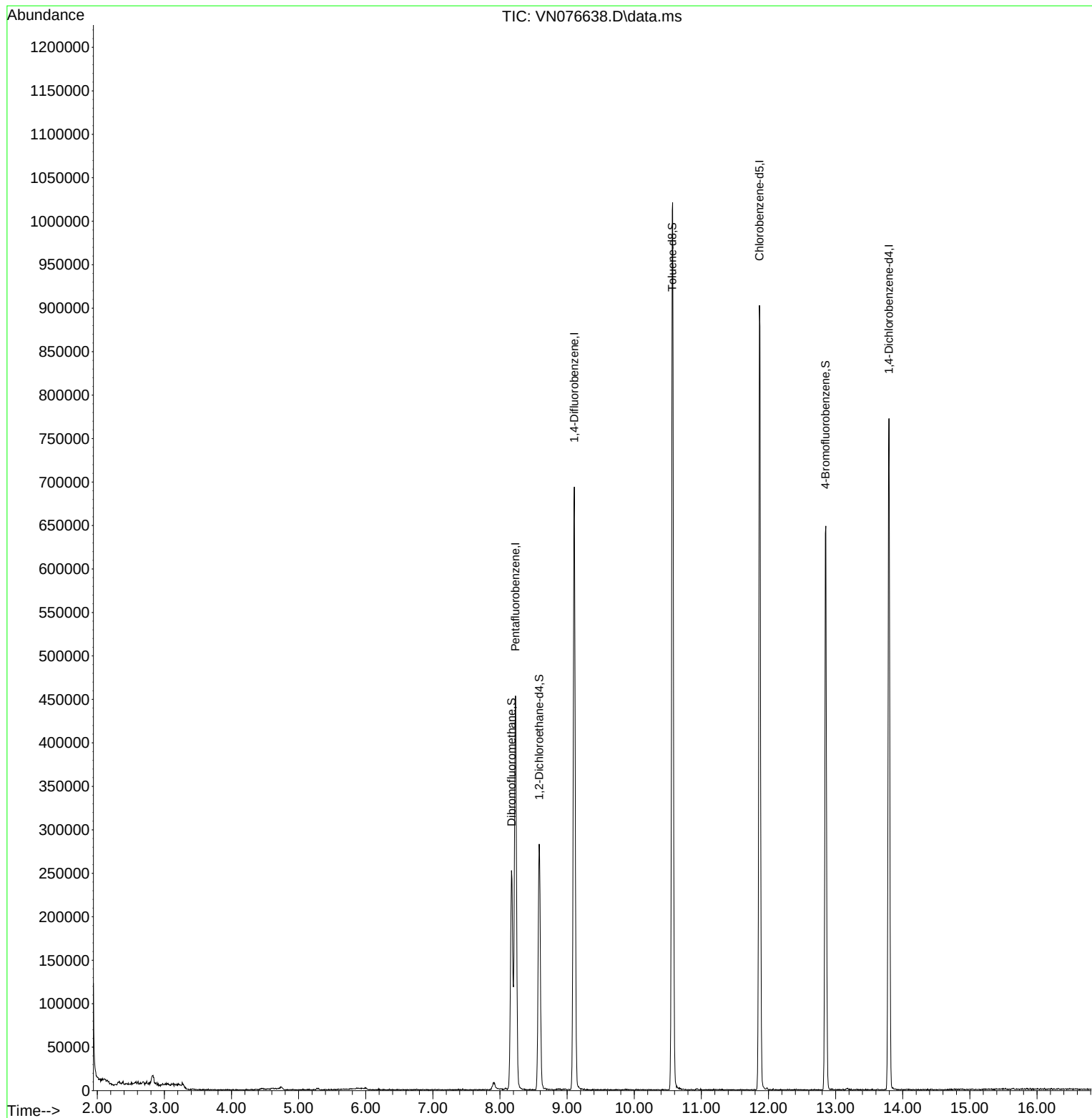
Target Compounds	Qvalue

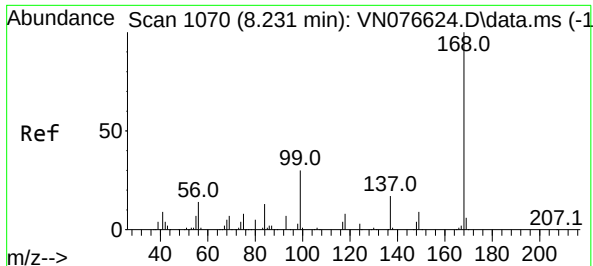
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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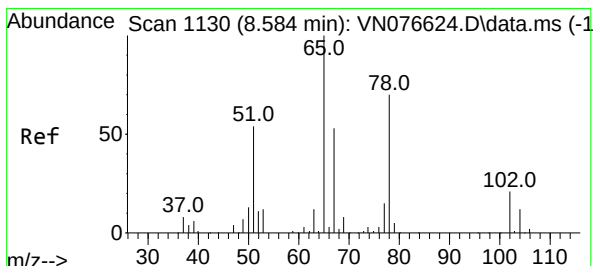
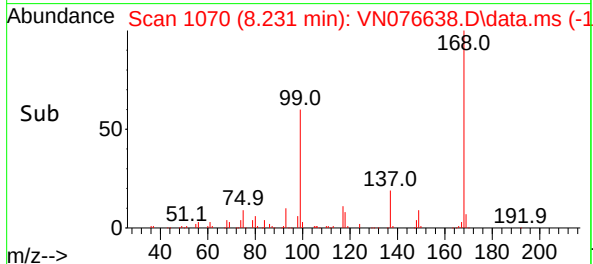
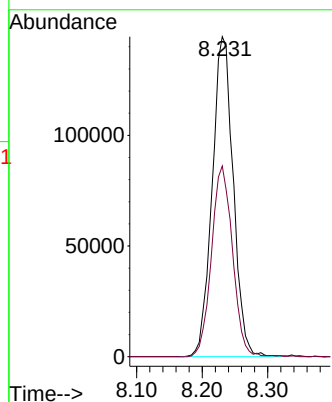
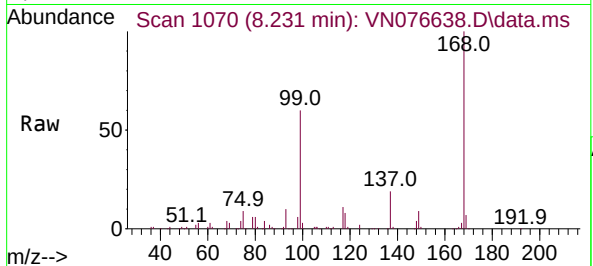




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076638.D
Acq: 13 Feb 2023 19:32

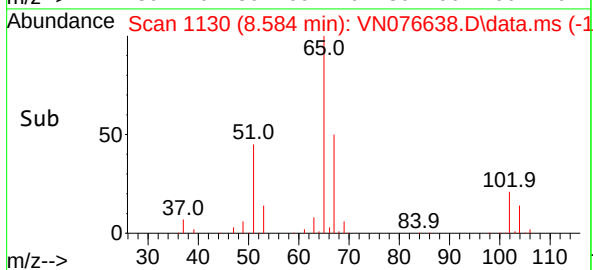
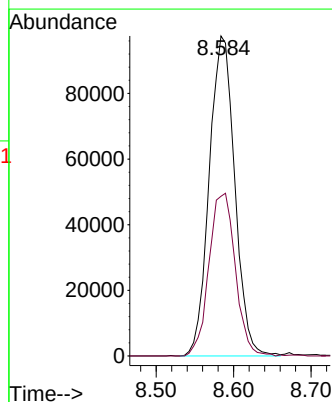
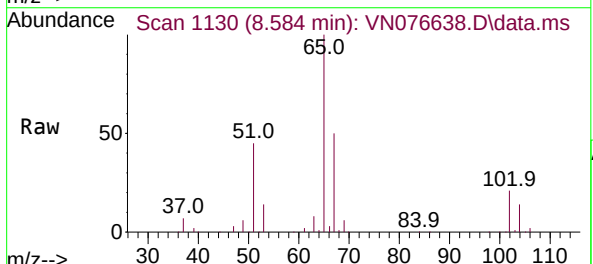
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

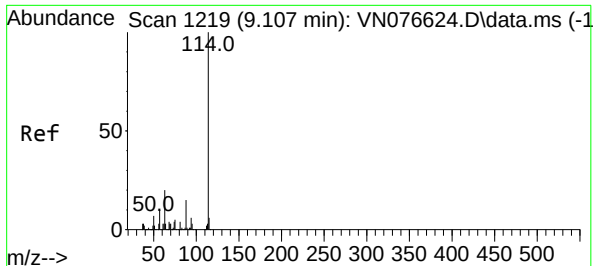
Tgt Ion:168 Resp: 321671
Ion Ratio Lower Upper
168 100
99 59.6 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 50.221 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076638.D
Acq: 13 Feb 2023 19:32

Tgt Ion: 65 Resp: 223070
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076638.D

Acq: 13 Feb 2023 19:32

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

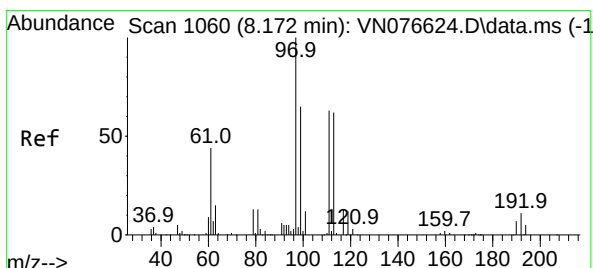
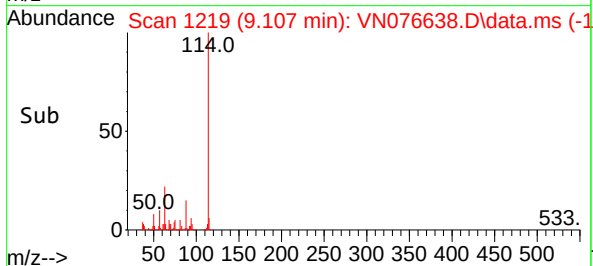
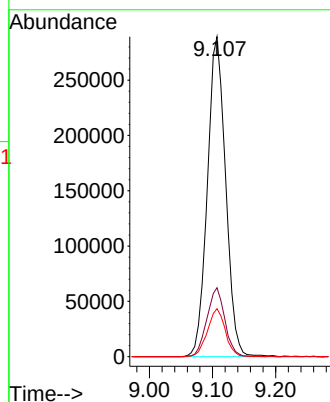
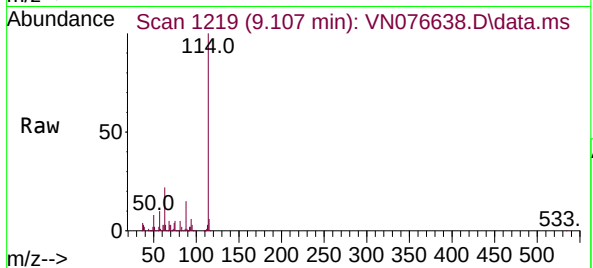
Tgt Ion:114 Resp: 581440

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 15.0 0.0 29.6



#35

Dibromofluoromethane

Concen: 47.273 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN076638.D

Acq: 13 Feb 2023 19:32

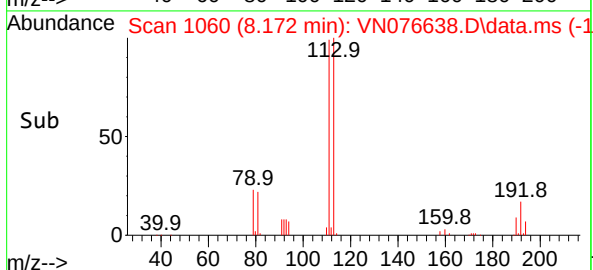
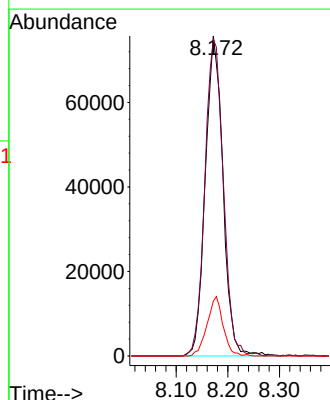
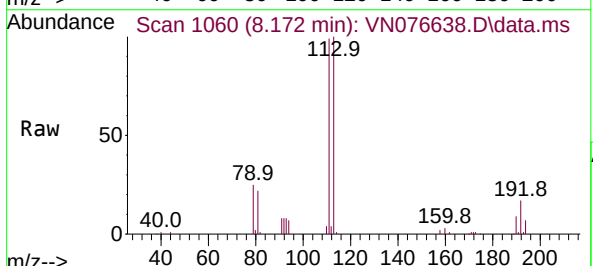
Tgt Ion:113 Resp: 180005

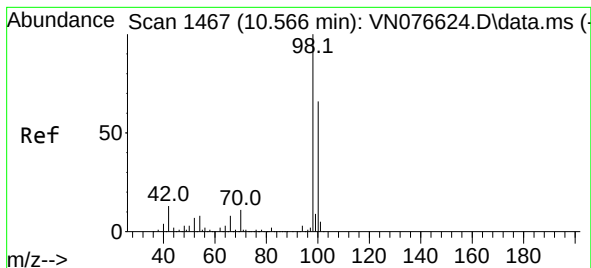
Ion Ratio Lower Upper

113 100

111 103.3 83.1 124.7

192 16.9 15.6 23.4





#50

Toluene-d8

Concen: 48.254 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. 0.000 min

Lab File: VN076638.D

Acq: 13 Feb 2023 19:32

Instrument :

MSVOA_N

ClientSampleId :

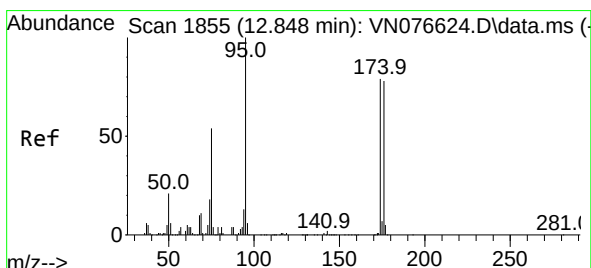
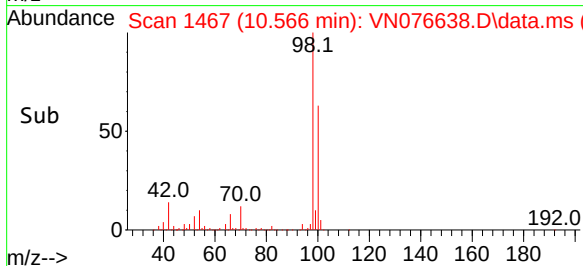
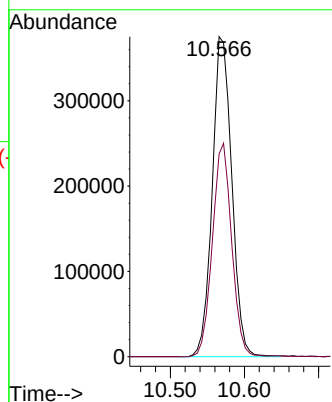
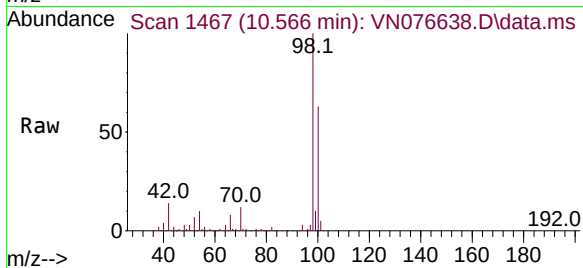
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 686176

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.514 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VN076638.D

Acq: 13 Feb 2023 19:32

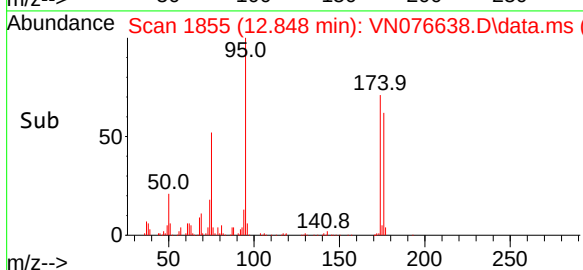
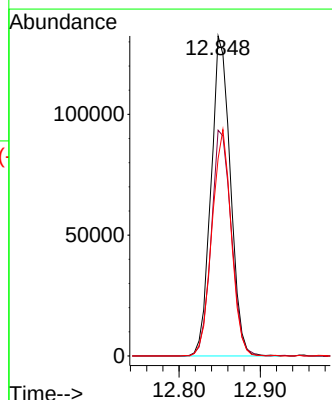
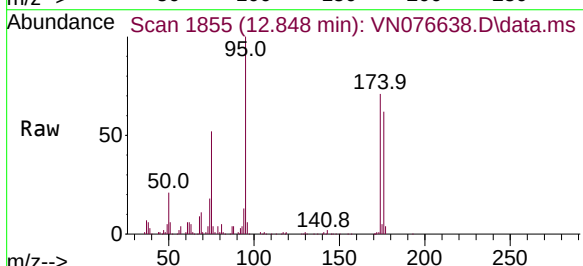
Tgt Ion: 95 Resp: 219073

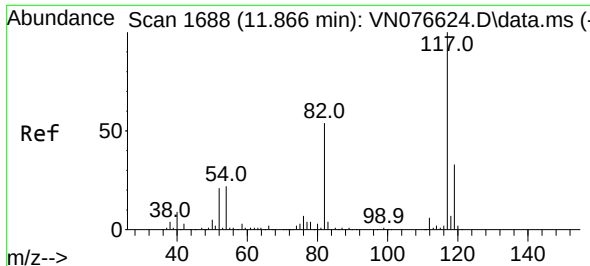
Ion Ratio Lower Upper

95 100

174 73.1 0.0 169.2

176 70.5 0.0 163.4

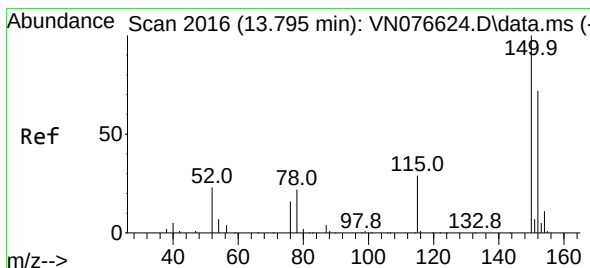
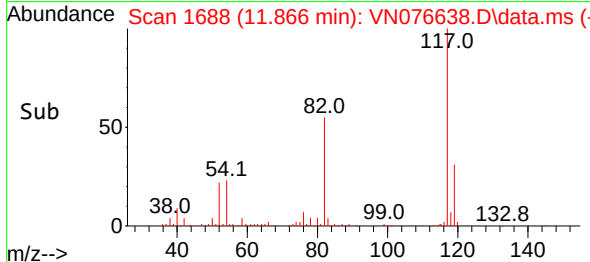
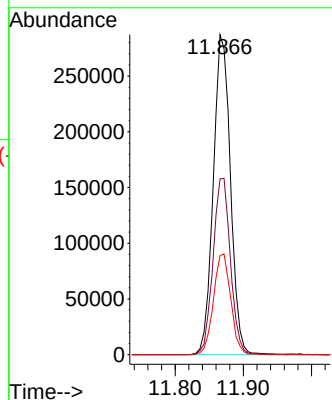
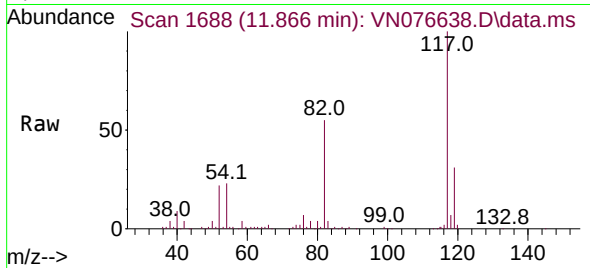




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076638.D
Acq: 13 Feb 2023 19:32

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

Tgt Ion:117 Resp: 503822
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.2
119 30.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076638.D
Acq: 13 Feb 2023 19:32

Tgt Ion:152 Resp: 198487
Ion Ratio Lower Upper
152 100
115 60.0 29.3 87.9
150 158.8 0.0 349.8

