

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076932.D
 Acq On : 10 Mar 2023 18:25
 Operator : JC\MD
 Sample : 01871-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Mar 13 01:22:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	384684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	629599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	540150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	223833	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	275452	47.984	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.960%
35) Dibromofluoromethane	8.178	113	197614	47.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.200%
50) Toluene-d8	10.572	98	741619	47.956	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.920%
62) 4-Bromofluorobenzene	12.848	95	259502	45.877	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.760%

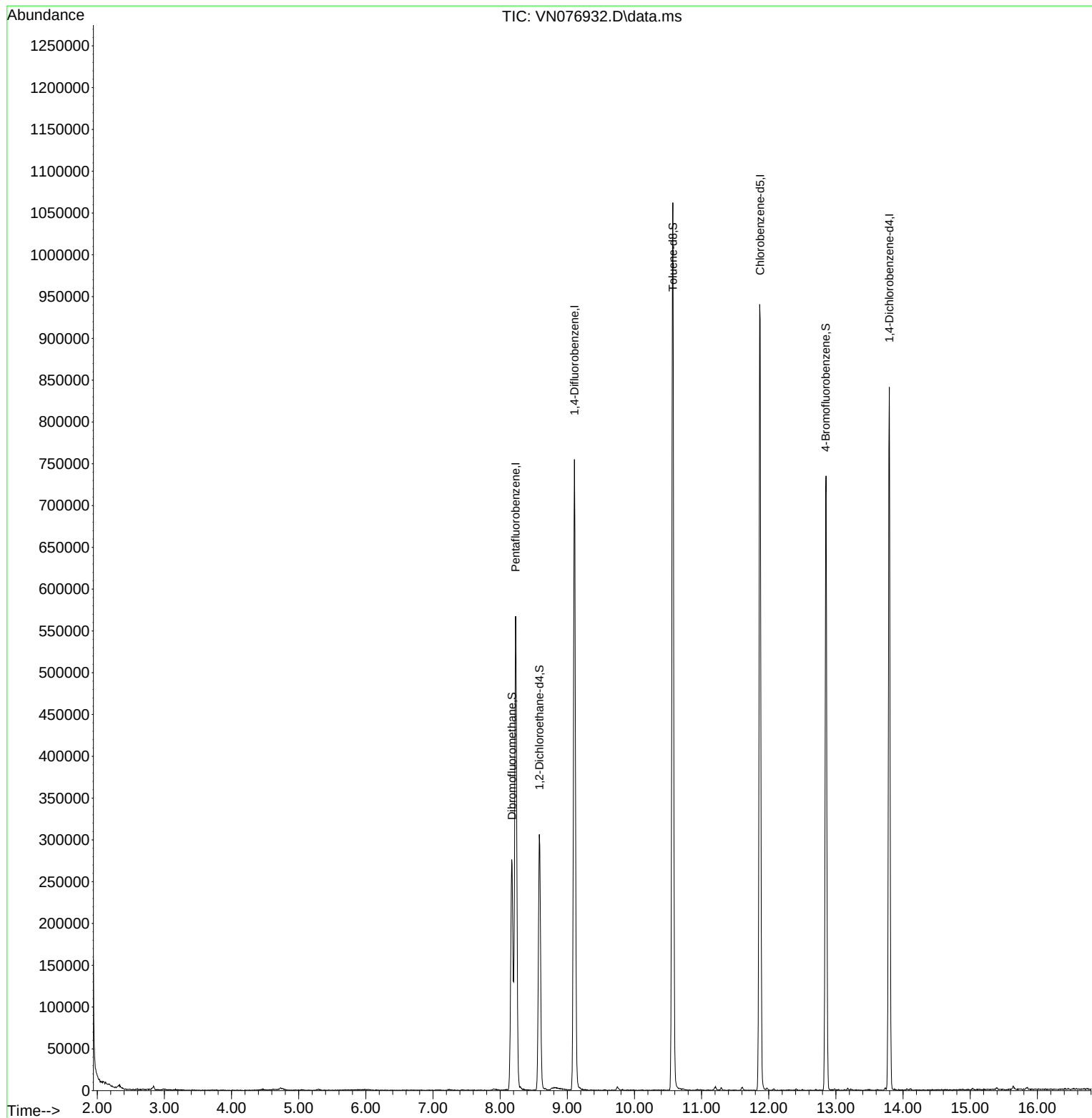
Target Compounds	Qvalue

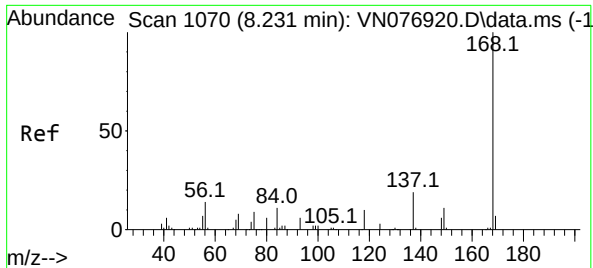
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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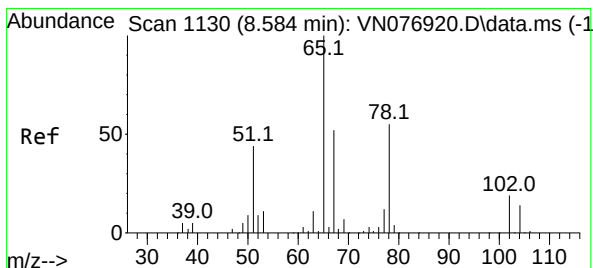
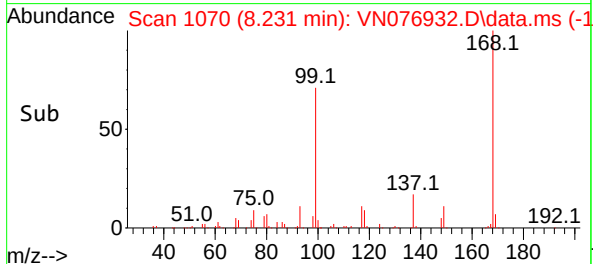
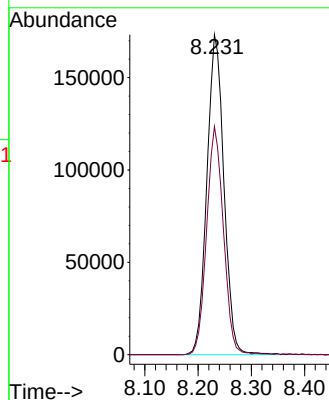
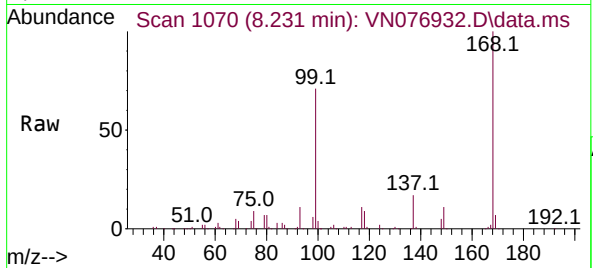




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

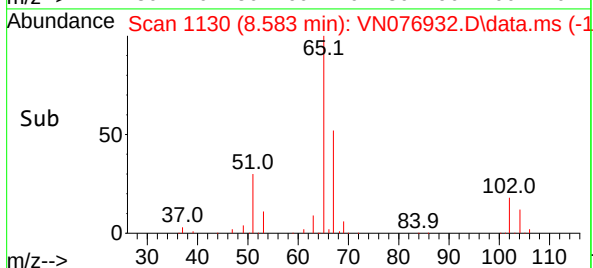
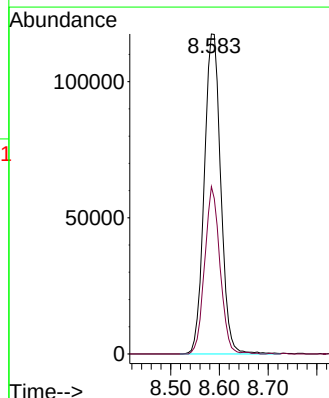
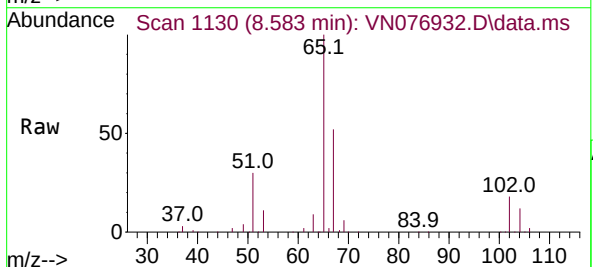
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

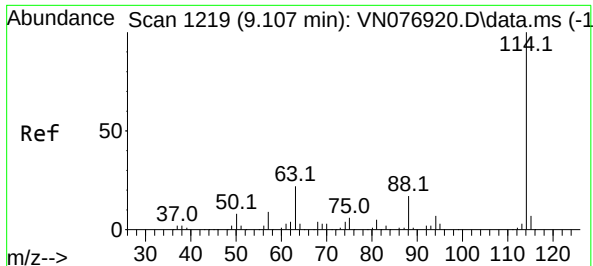
Tgt Ion:168 Resp: 384684
Ion Ratio Lower Upper
168 100
99 71.3 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 47.984 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

Tgt Ion: 65 Resp: 275452
Ion Ratio Lower Upper
65 100
67 48.7 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076932.D

Acq: 10 Mar 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

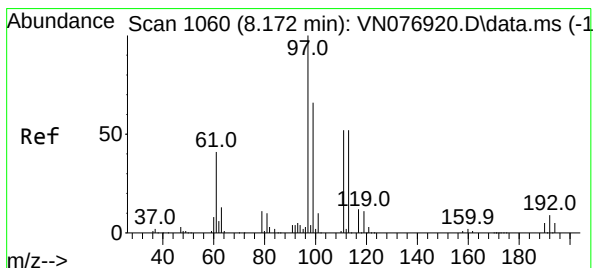
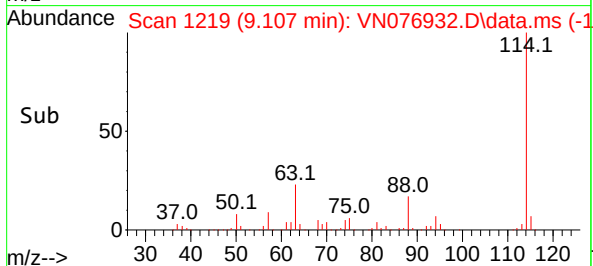
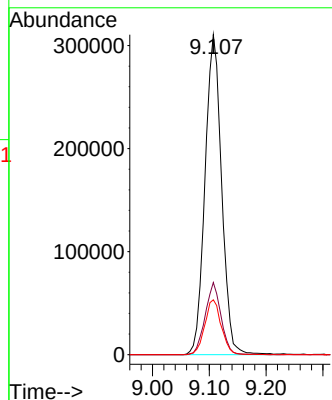
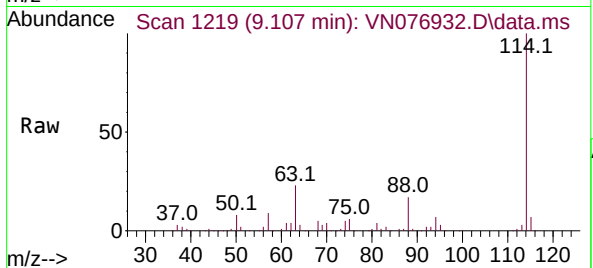
Tgt Ion:114 Resp: 629599

Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.6

88 17.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 47.095 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076932.D

Acq: 10 Mar 2023 18:25

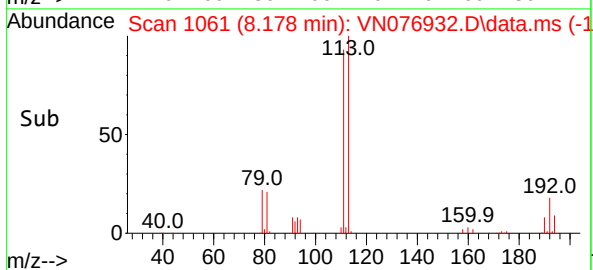
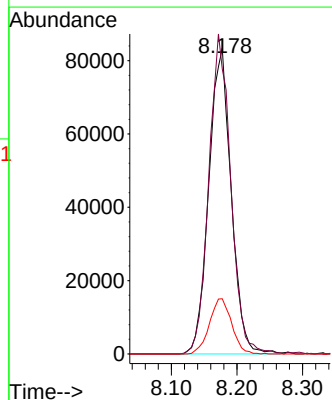
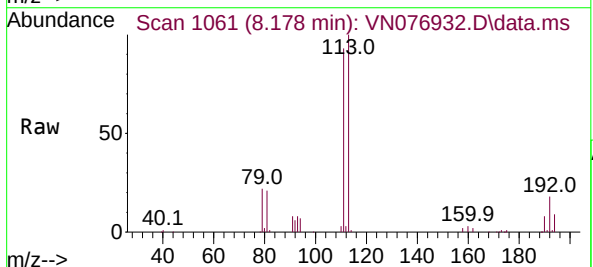
Tgt Ion:113 Resp: 197614

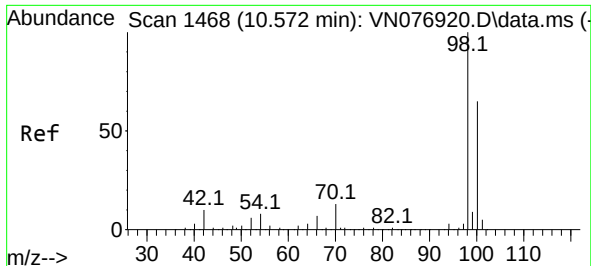
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 18.0 13.9 20.9

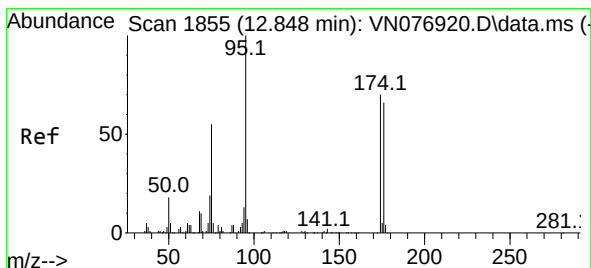
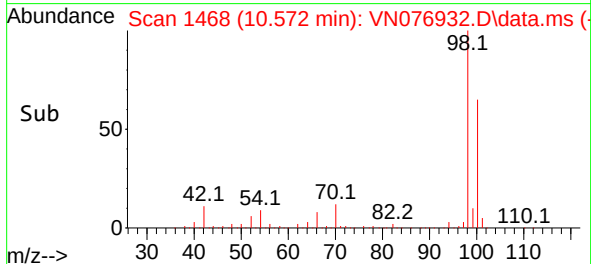
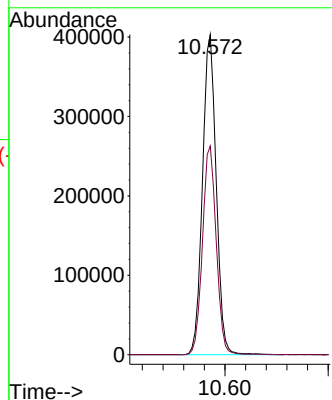
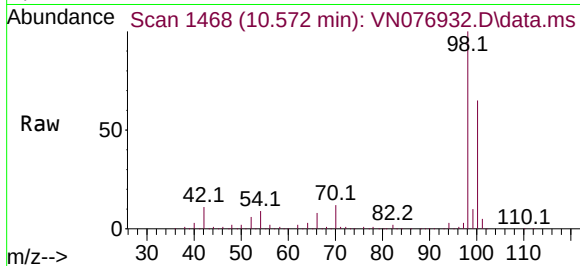




#50
Toluene-d8
Concen: 47.956 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

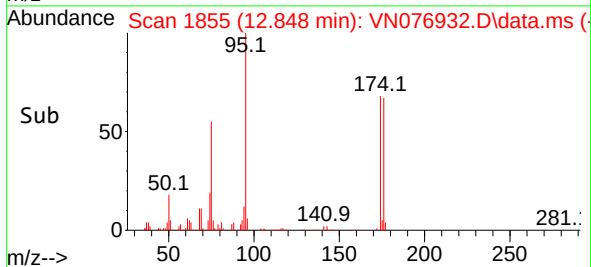
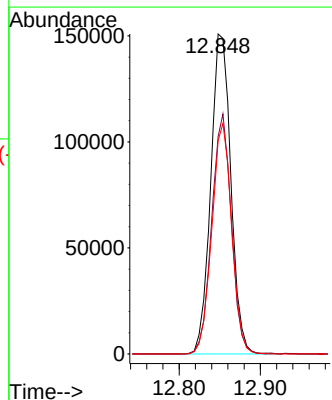
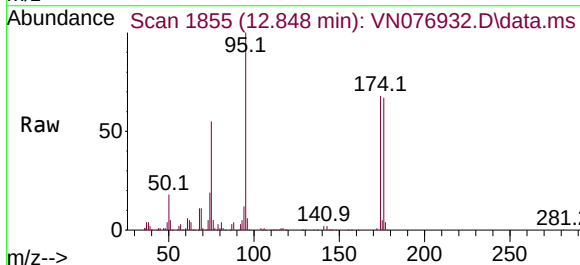
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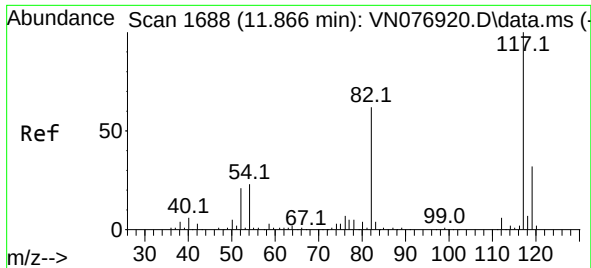
Tgt Ion: 98 Resp: 741619
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.877 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

Tgt Ion: 95 Resp: 259502
Ion Ratio Lower Upper
95 100
174 73.0 0.0 162.4
176 70.9 0.0 157.4

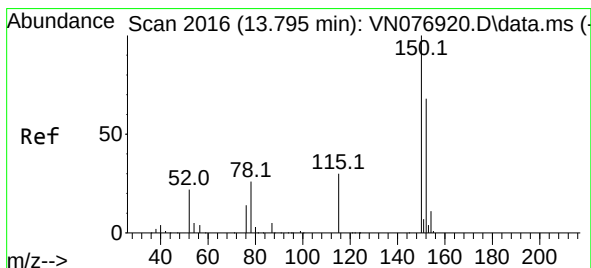
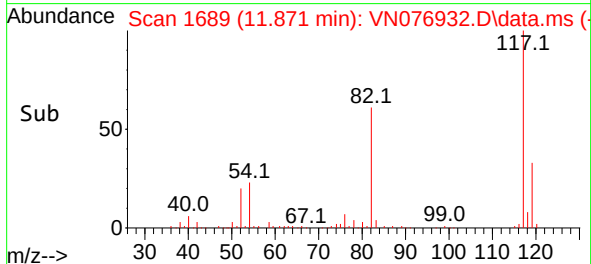
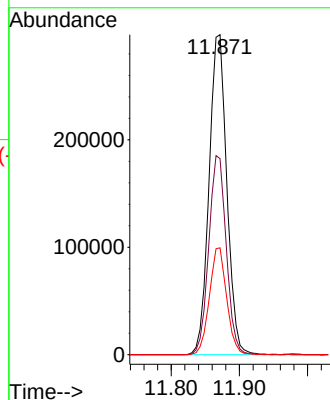
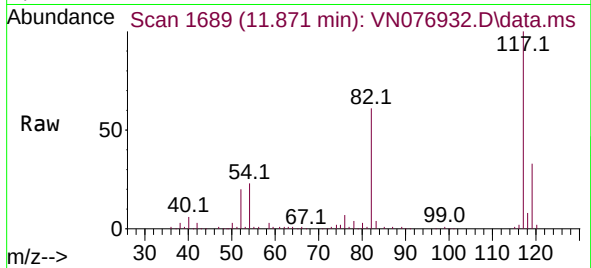




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

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

Tgt Ion:117 Resp: 540150
Ion Ratio Lower Upper
117 100
82 61.2 43.5 65.3
119 33.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

Tgt Ion:152 Resp: 223833
Ion Ratio Lower Upper
152 100
115 63.8 30.3 90.9
150 155.1 0.0 353.6

