

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN074998.D
 Acq On : 24 Oct 2022 21:03
 Operator : JC\MD
 Sample : N5211-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-SOILPILE-1020

Quant Time: Oct 25 06:52:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

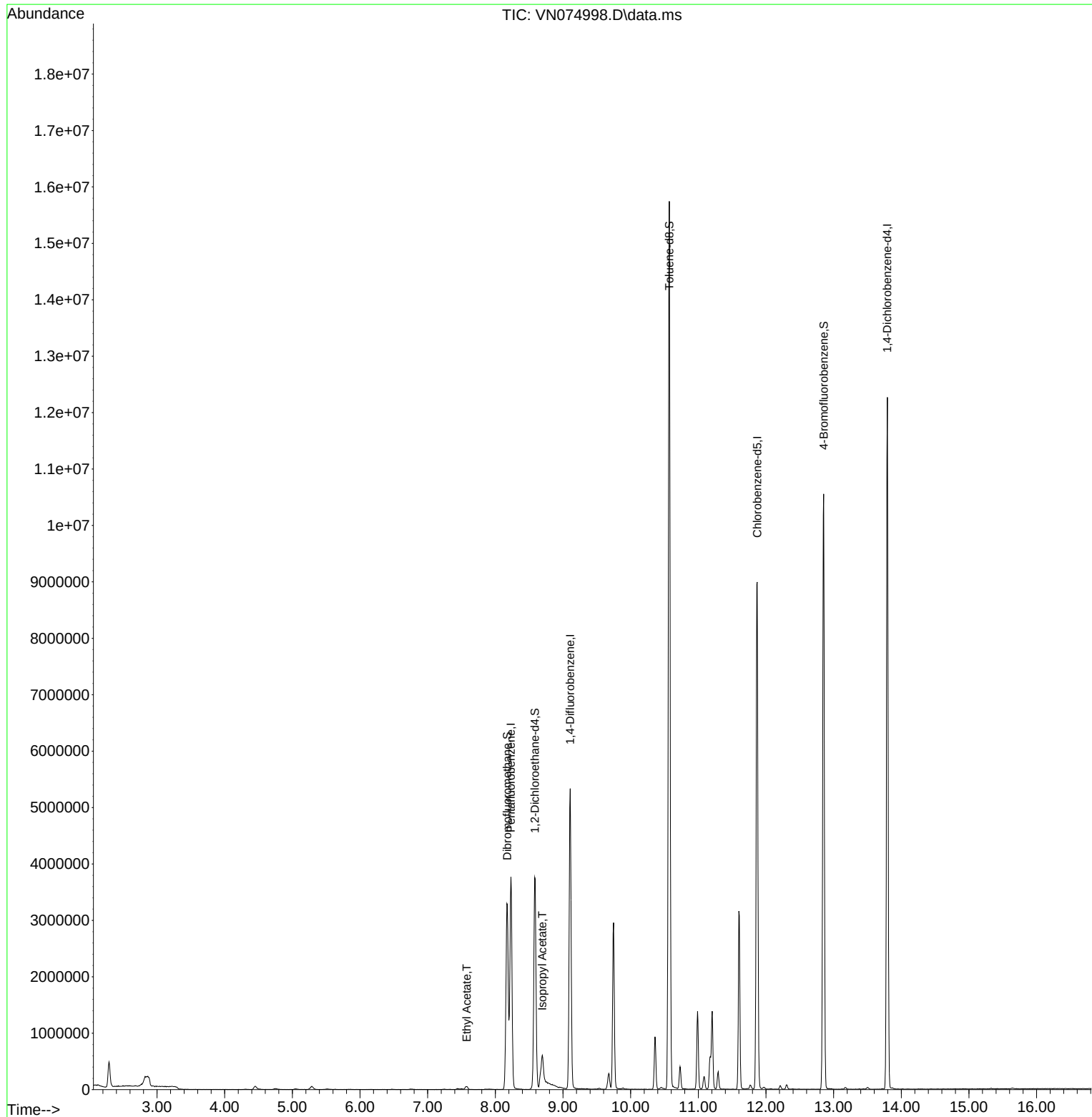
Internal Standards						
1) Pentafluorobenzene	8.230	168	2578517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	4581928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	5225339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	3098473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	3101307	45.268	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.540%
35) Dibromofluoromethane	8.177	113	2317070	42.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.980%
50) Toluene-d8	10.571	98	10830757	51.761	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.853	95	3610996	48.924	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.840%
Target Compounds						
					Qvalue	
37) Ethyl Acetate	7.577	43	88733	1.097	ug/l #	93
43) Isopropyl Acetate	8.695	43	801379	6.389	ug/l #	74

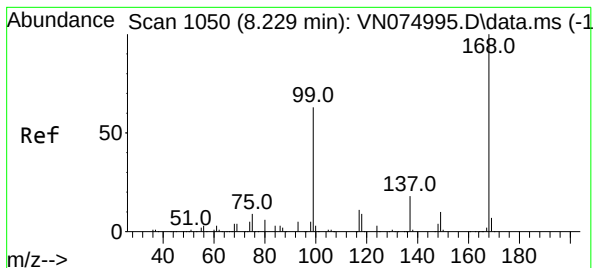
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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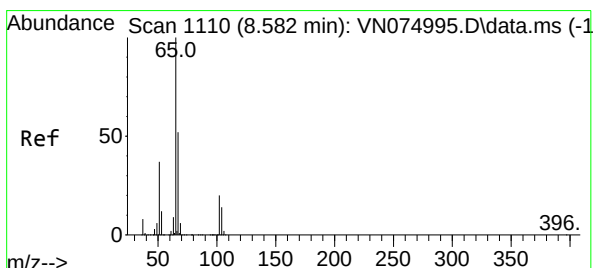
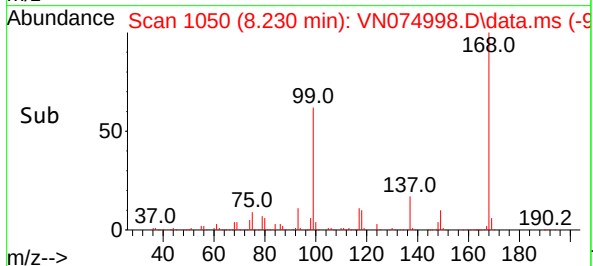
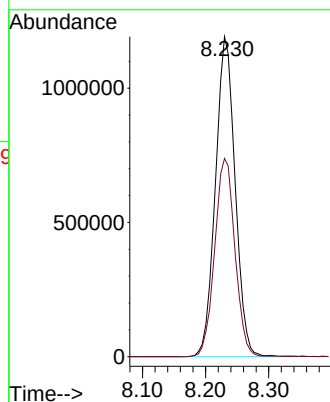
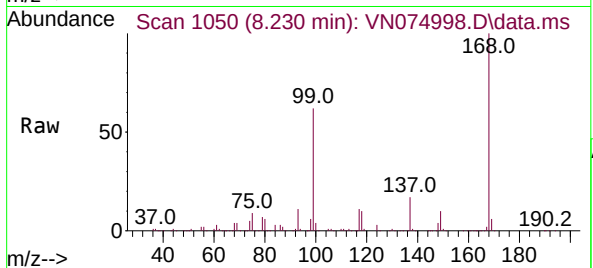




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN074998.D
Acq: 24 Oct 2022 21:03

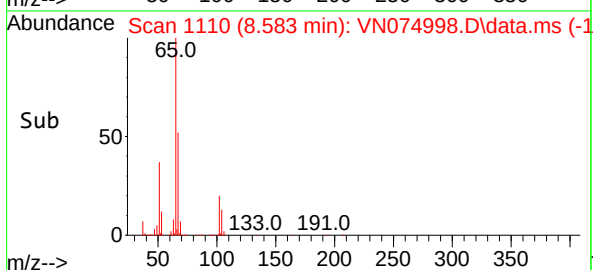
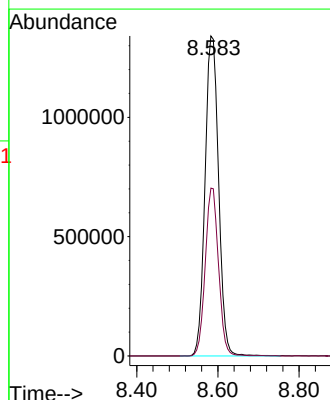
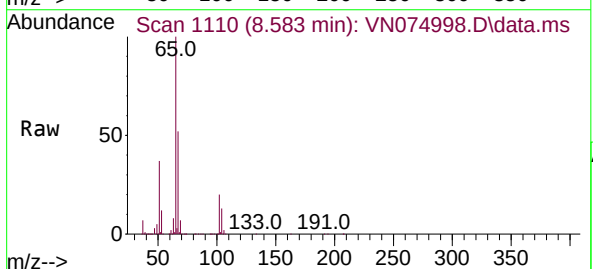
Instrument :
MSVOA_N
ClientSampleId :
SB-SOILPILE-1020

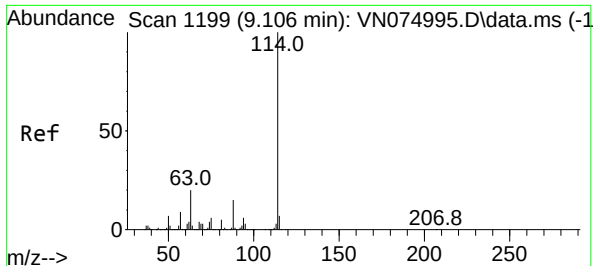
Tgt Ion:168 Resp: 2578517
Ion Ratio Lower Upper
168 100
99 62.0 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 45.268 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN074998.D
Acq: 24 Oct 2022 21:03

Tgt Ion: 65 Resp: 3101307
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074998.D

Acq: 24 Oct 2022 21:03

Instrument :

MSVOA_N

ClientSampleId :

SB-SOILPILE-1020

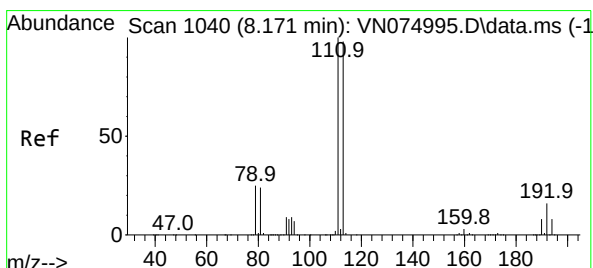
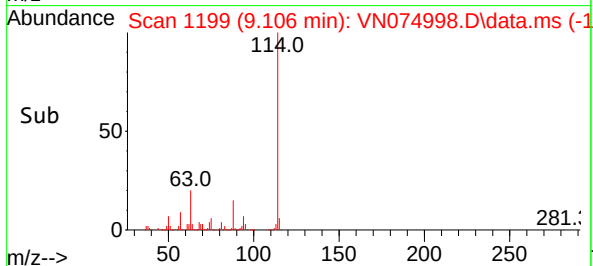
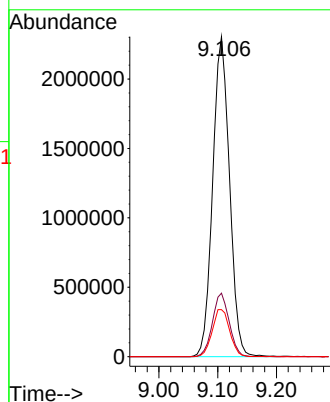
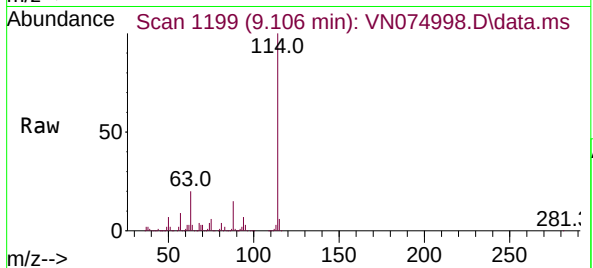
Tgt Ion:114 Resp: 4581928

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 14.7 0.0 30.4



#35

Dibromofluoromethane

Concen: 42.486 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074998.D

Acq: 24 Oct 2022 21:03

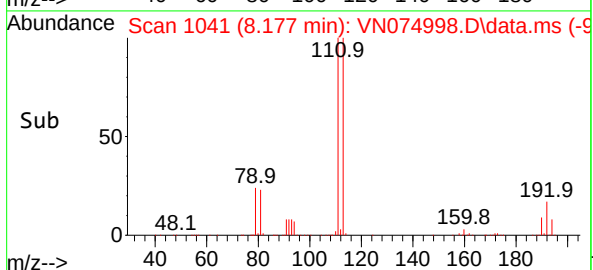
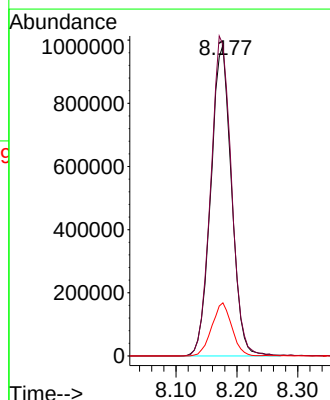
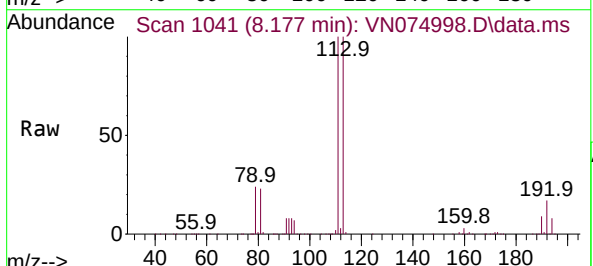
Tgt Ion:113 Resp: 2317070

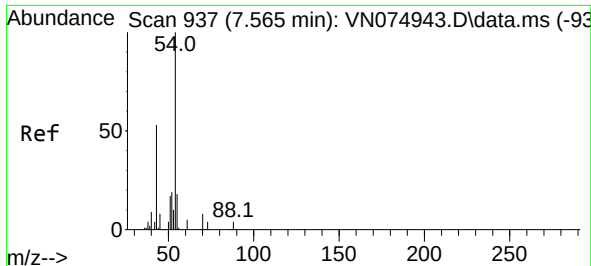
Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

192 16.6 13.3 19.9

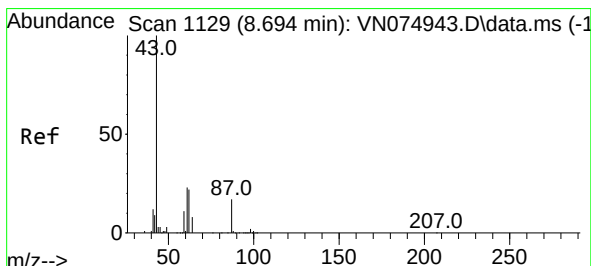
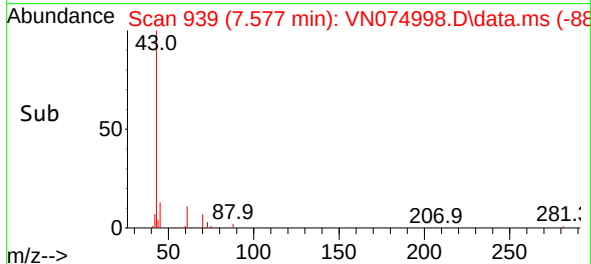
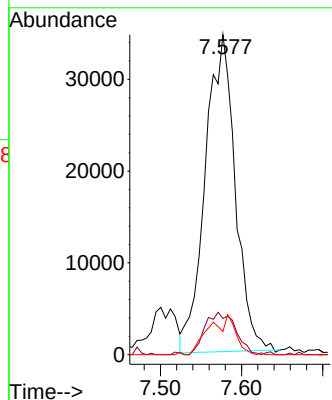
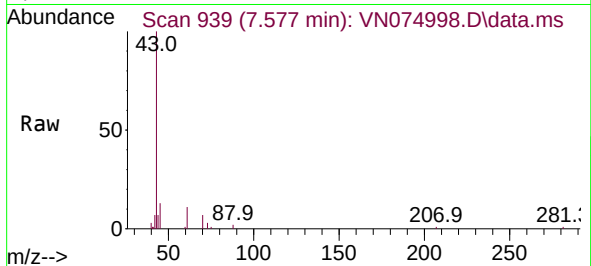




#37
Ethyl Acetate
Concen: 1.097 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074998.D
Acq: 24 Oct 2022 21:03

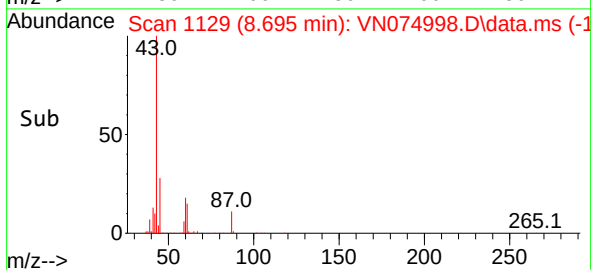
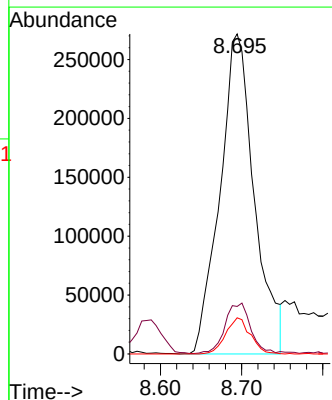
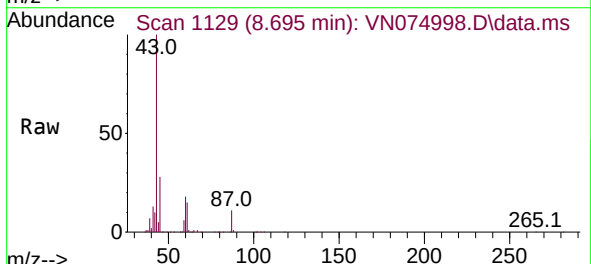
Instrument :
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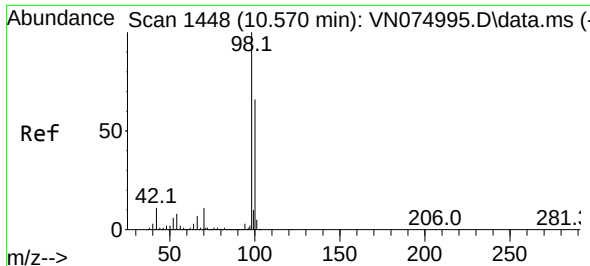
Tgt Ion: 43 Resp: 88733
Ion Ratio Lower Upper
43 100
61 13.7 12.1 18.1
70 6.7 9.2 13.8#



#43
Isopropyl Acetate
Concen: 6.389 ug/l
RT: 8.695 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN074998.D
Acq: 24 Oct 2022 21:03

Tgt Ion: 43 Resp: 801379
Ion Ratio Lower Upper
43 100
61 12.1 22.3 33.5#
87 8.0 12.8 19.2#

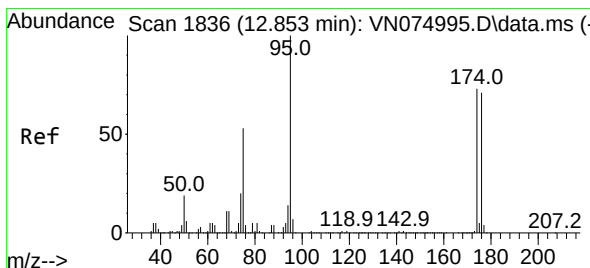
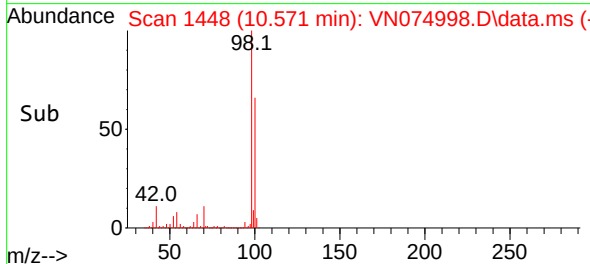
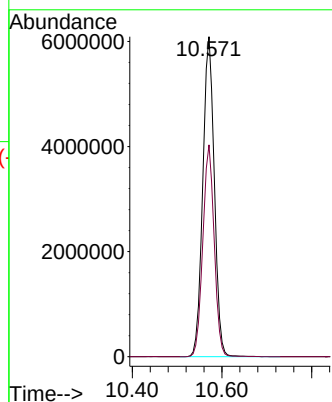
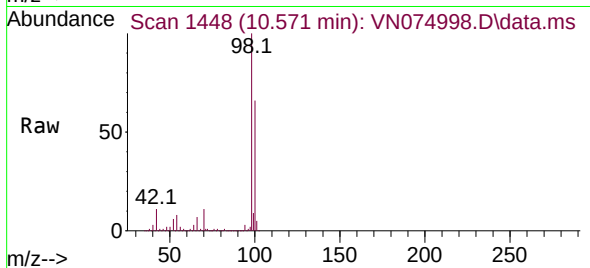




#50
Toluene-d8
Concen: 51.761 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074998.D
Acq: 24 Oct 2022 21:03

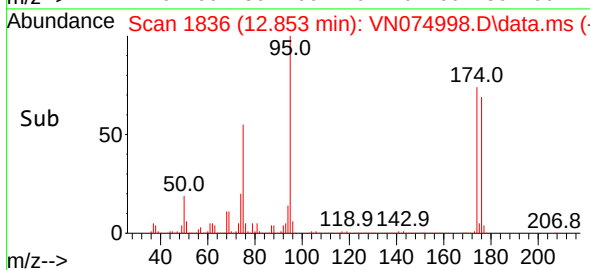
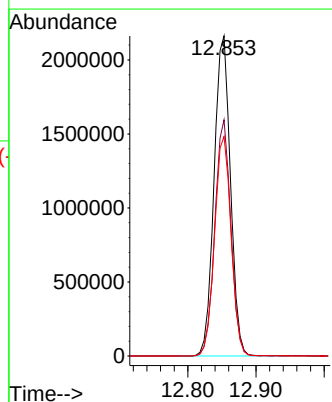
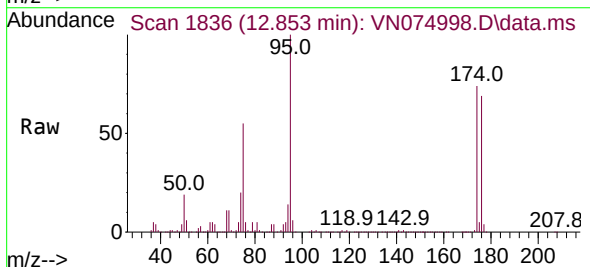
Instrument :
MSVOA_N
ClientSampleId :
SB-SOILPILE-1020

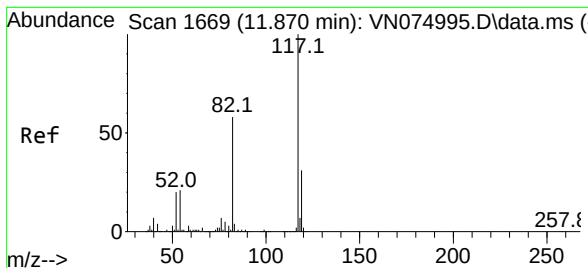
Tgt Ion: 98 Resp:10830757
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 48.924 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074998.D
Acq: 24 Oct 2022 21:03

Tgt Ion: 95 Resp: 3610996
Ion Ratio Lower Upper
95 100
174 72.4 0.0 143.0
176 68.9 0.0 138.2

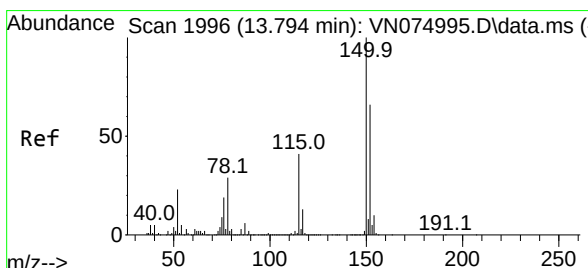
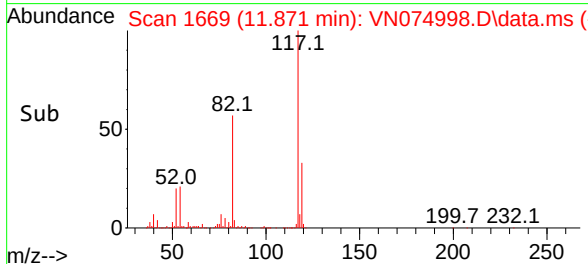
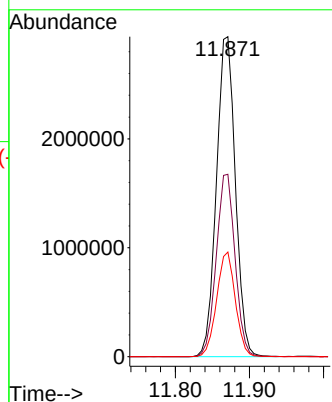
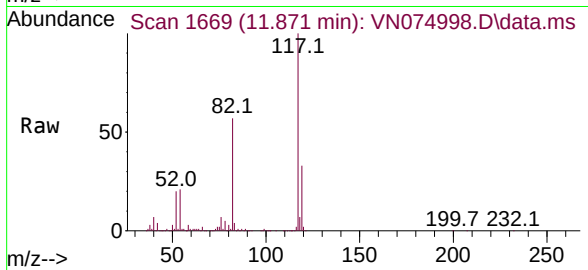




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074998.D
Acq: 24 Oct 2022 21:03

Instrument :
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Tgt Ion:117 Resp: 5225339
Ion Ratio Lower Upper
117 100
82 57.0 45.6 68.4
119 32.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074998.D
Acq: 24 Oct 2022 21:03

Tgt Ion:152 Resp: 3098473
Ion Ratio Lower Upper
152 100
115 63.5 31.3 93.8
150 157.6 0.0 349.6

