

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078205.D
 Acq On : 14 Jun 2023 14:56
 Operator : JC\MD
 Sample : 03164-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-001

Quant Time: Jun 15 02:44:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

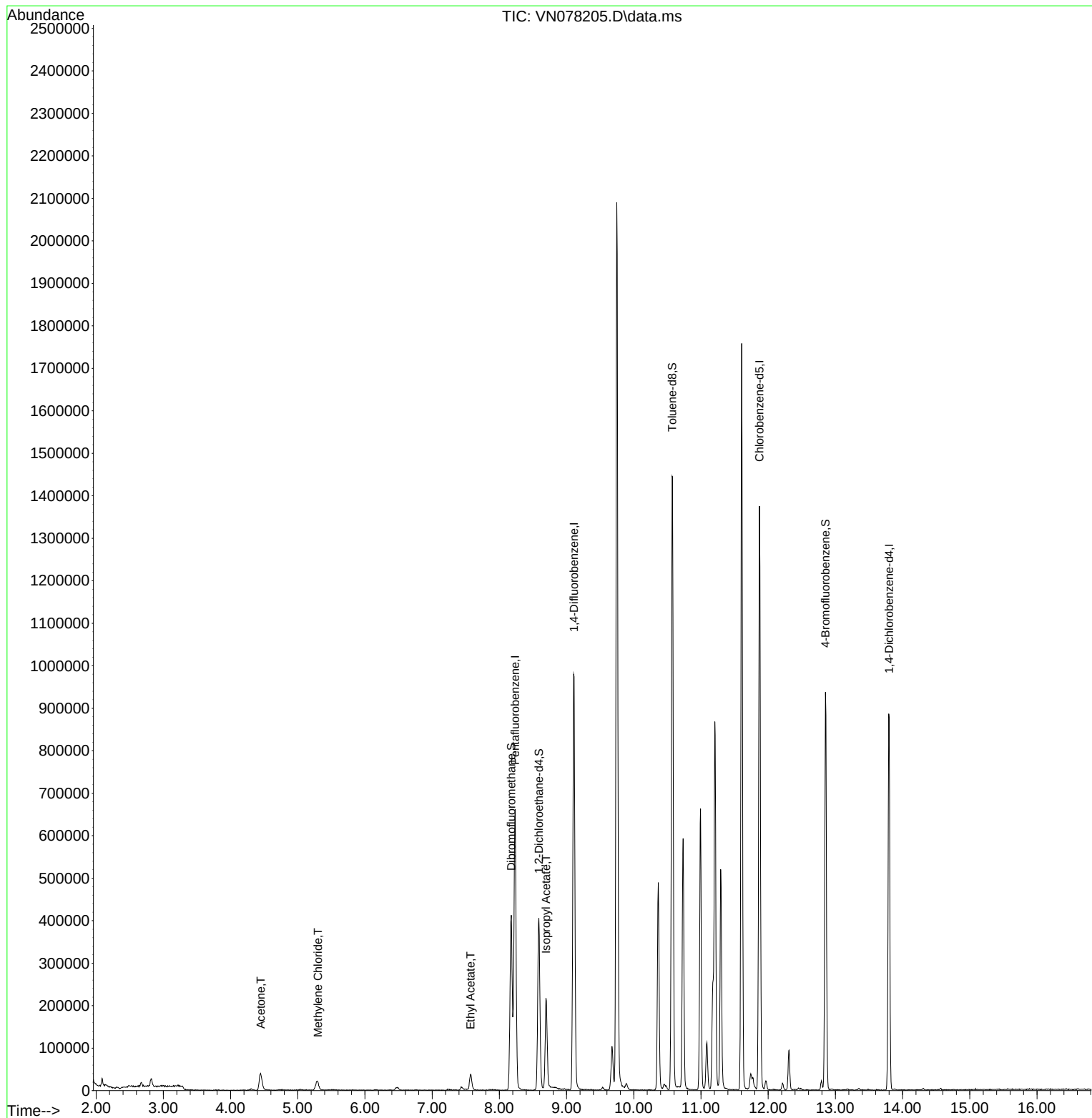
Internal Standards						
1) Pentafluorobenzene	8.235	168	466498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	870650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	803326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	239976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	334939	53.850	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.700%	
35) Dibromofluoromethane	8.177	113	297122	53.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.940%	
50) Toluene-d8	10.571	98	1043706	49.180	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.853	95	328389	49.775	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.540%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	75098	41.947	ug/l #	86
20) Methylene Chloride	5.300	84	17597	2.974	ug/l #	84
37) Ethyl Acetate	7.571	43	56207	9.112	ug/l	97
43) Isopropyl Acetate	8.694	43	242499	20.556	ug/l #	84

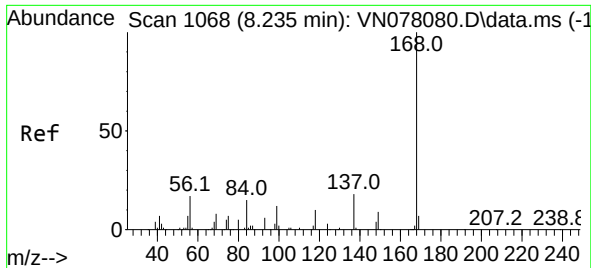
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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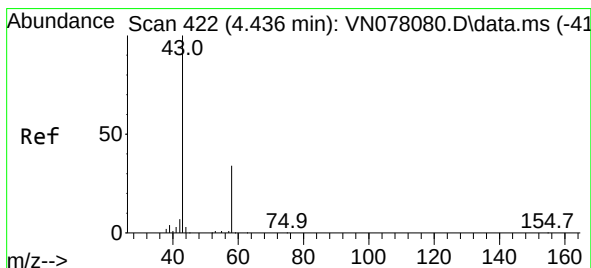
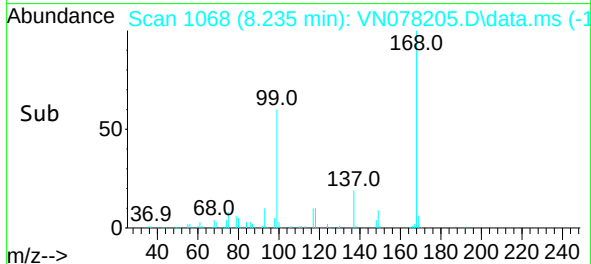
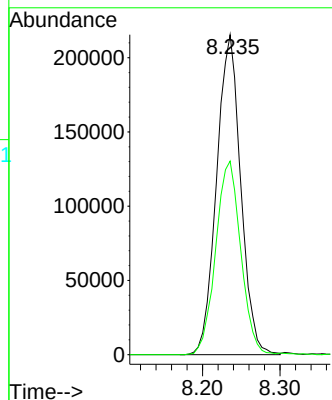
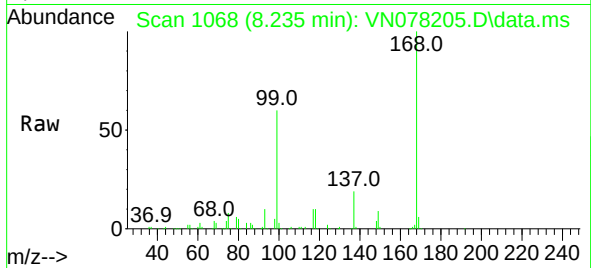




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078205.D
Acq: 14 Jun 2023 14:56

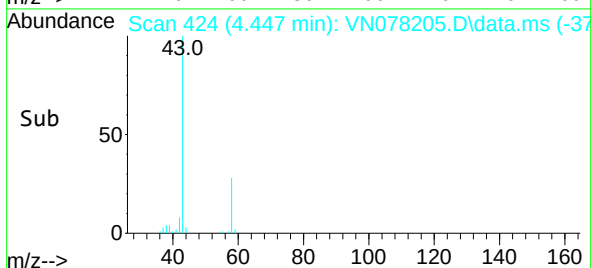
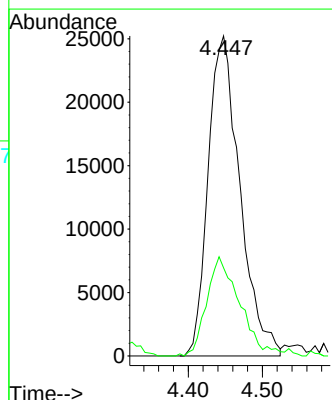
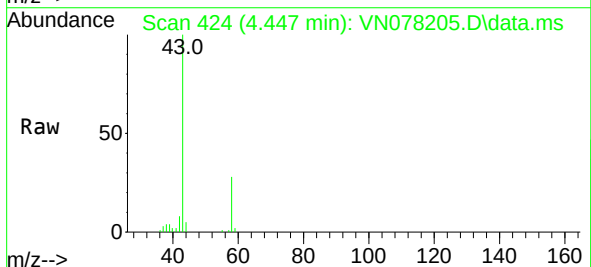
Instrument :
MSVOA_N
ClientSampleId :
SOIL-001

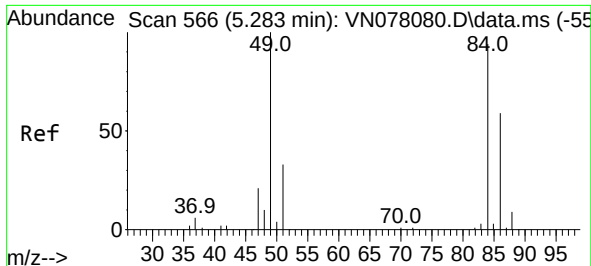
Tgt Ion:168 Resp: 466498
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6



#16
Acetone
Concen: 41.947 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078205.D
Acq: 14 Jun 2023 14:56

Tgt Ion: 43 Resp: 75098
Ion Ratio Lower Upper
43 100
58 26.9 28.0 42.0#

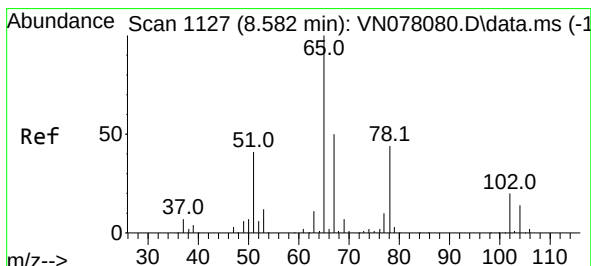
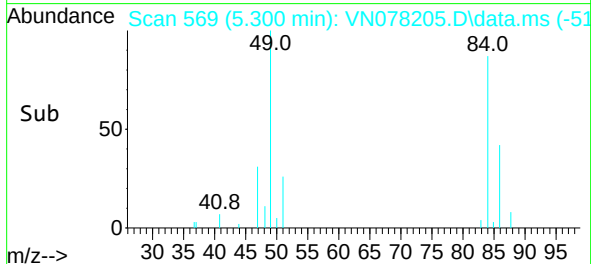
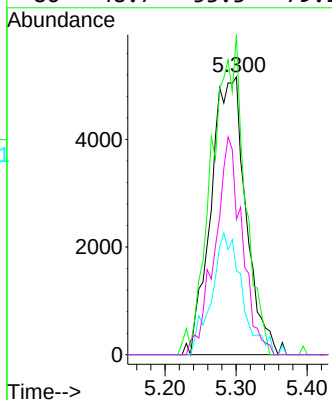
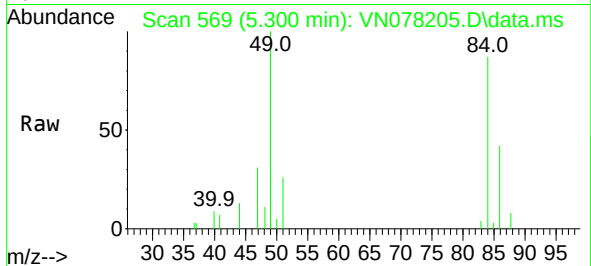




#20
Methylene Chloride
Concen: 2.974 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN078205.D
Acq: 14 Jun 2023 14:56

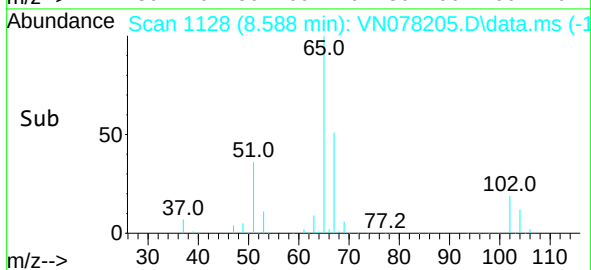
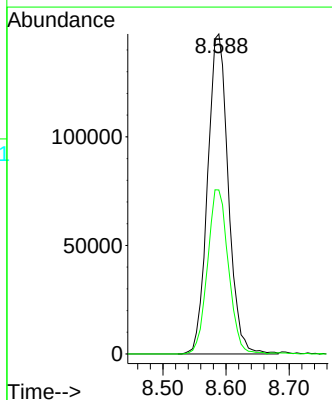
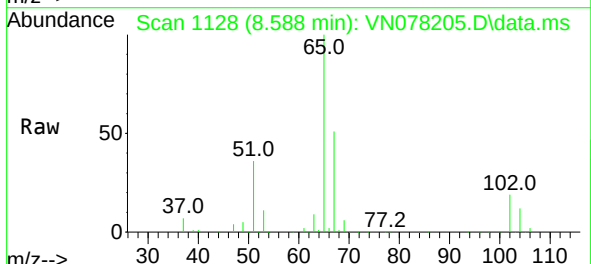
Instrument :
MSVOA_N
ClientSampleId :
SOIL-001

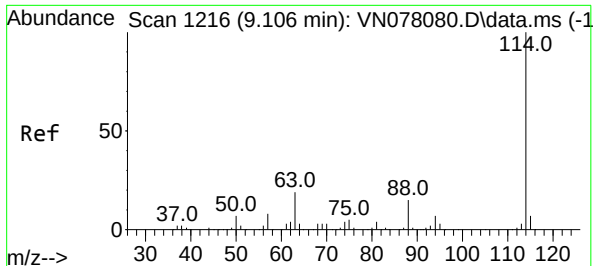
Tgt Ion: 84	Resp: 17597
Ion Ratio	Lower Upper
84 100	
49 115.2	79.7 119.5
51 30.2	25.2 37.8
86 48.7	53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 53.850 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078205.D
Acq: 14 Jun 2023 14:56

Tgt Ion: 65	Resp: 334939
Ion Ratio	Lower Upper
65 100	
67 52.1	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078205.D

Acq: 14 Jun 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

SOIL-001

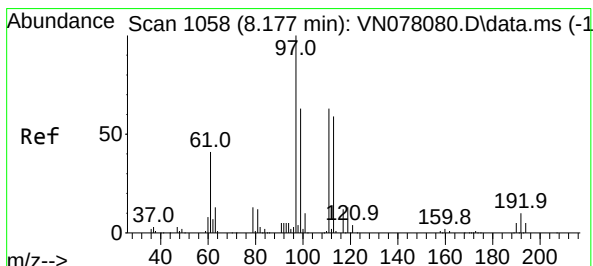
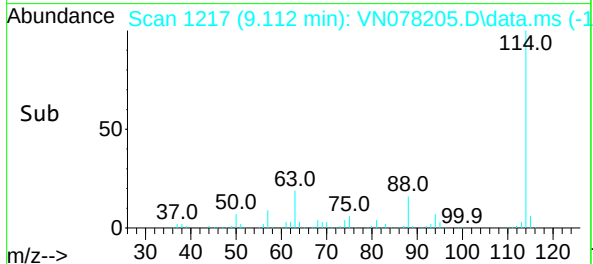
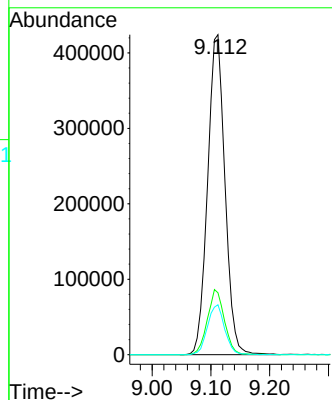
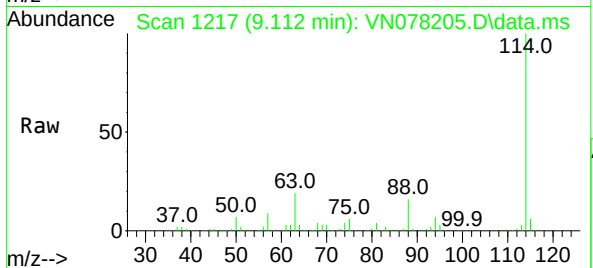
Tgt Ion:114 Resp: 870650

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.973 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078205.D

Acq: 14 Jun 2023 14:56

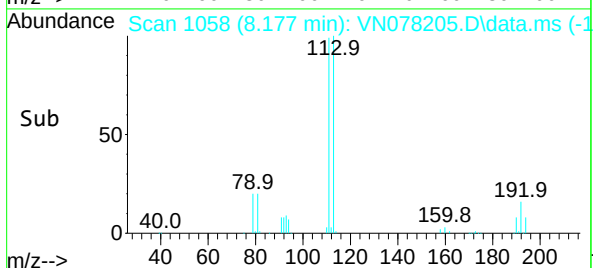
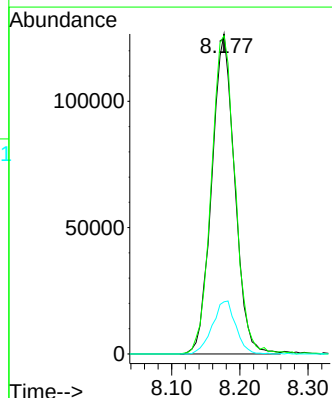
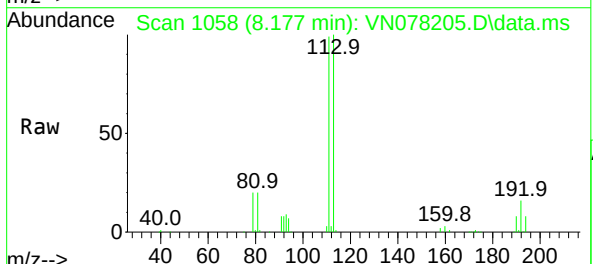
Tgt Ion:113 Resp: 297122

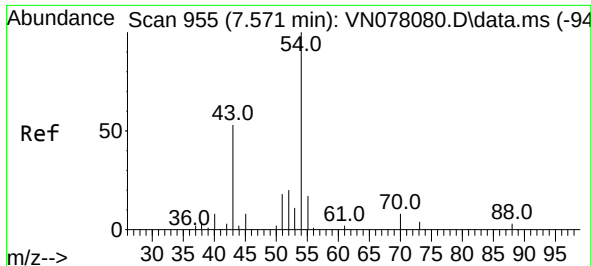
Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 16.8 12.7 19.1





#37

Ethyl Acetate

Concen: 9.112 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078205.D

Acq: 14 Jun 2023 14:56

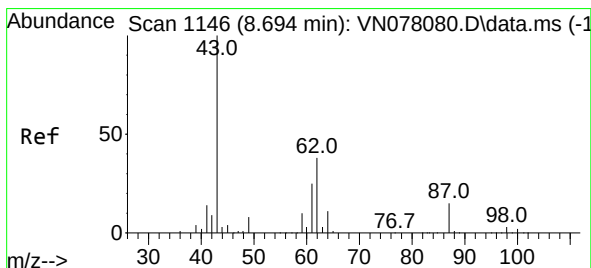
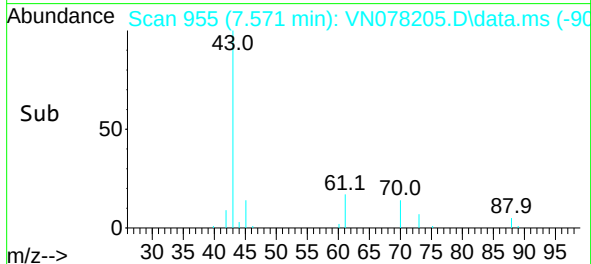
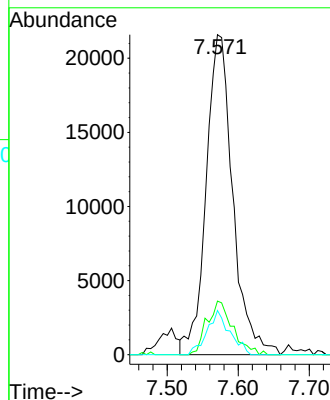
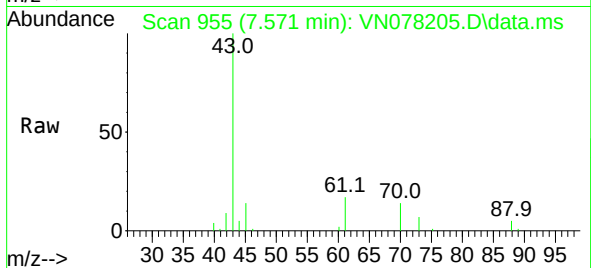
Instrument :

MSVOA_N

ClientSampleId :

SOIL-001

Tgt Ion:	43	Resp:	56207
Ion	Ratio	Lower	Upper
43	100		
61	16.3	13.2	19.8
70	11.7	11.3	16.9



#43

Isopropyl Acetate

Concen: 20.556 ug/l

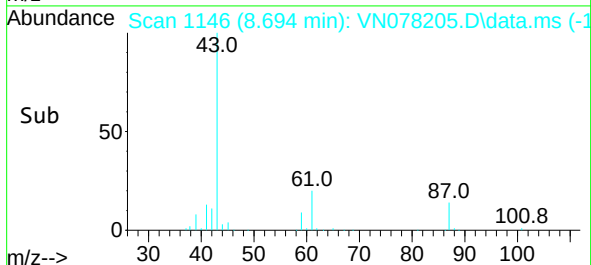
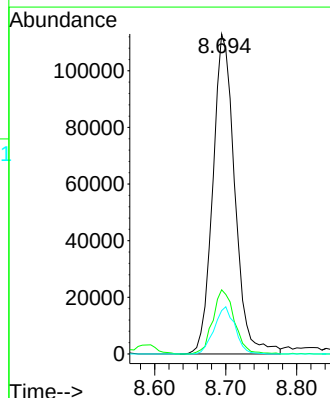
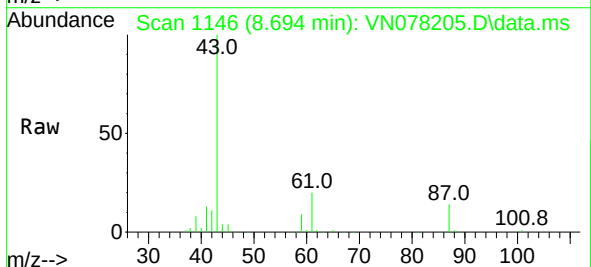
RT: 8.694 min Scan# 1146

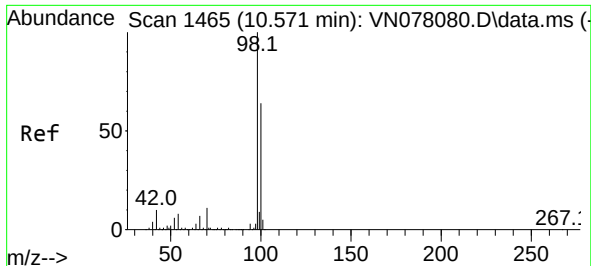
Delta R.T. 0.000 min

Lab File: VN078205.D

Acq: 14 Jun 2023 14:56

Tgt Ion:	43	Resp:	242499
Ion	Ratio	Lower	Upper
43	100		
61	19.8	24.7	37.1#
87	13.9	14.6	21.8#

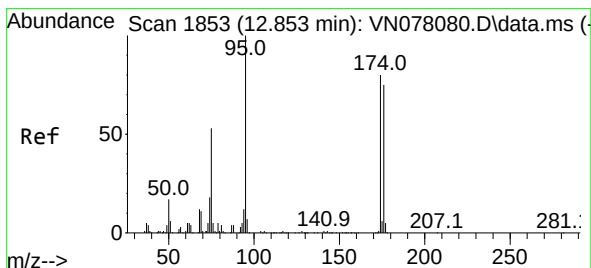
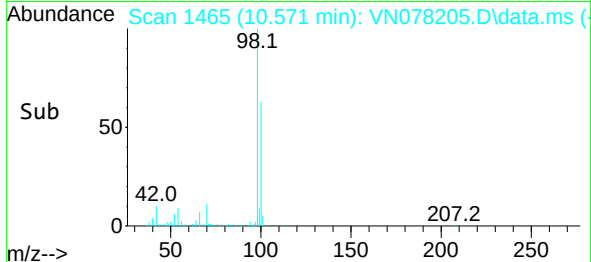
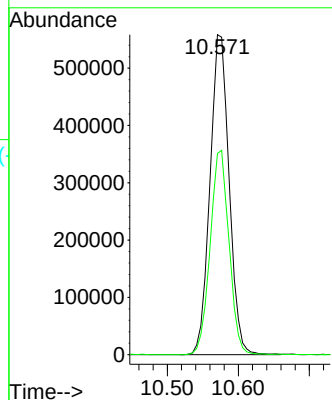
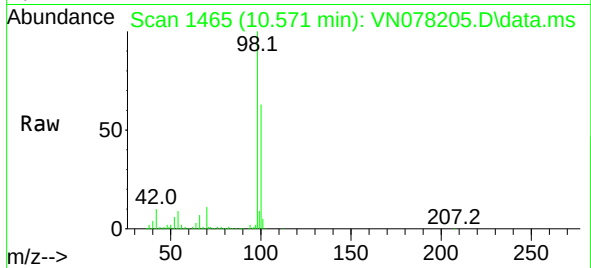




#50
Toluene-d8
Concen: 49.180 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078205.D
Acq: 14 Jun 2023 14:56

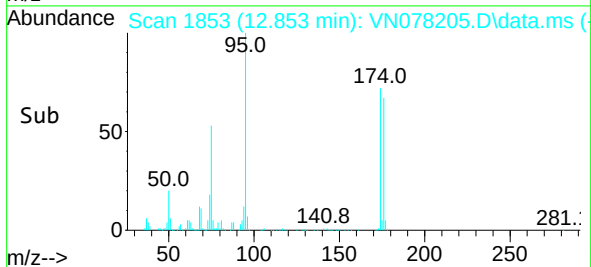
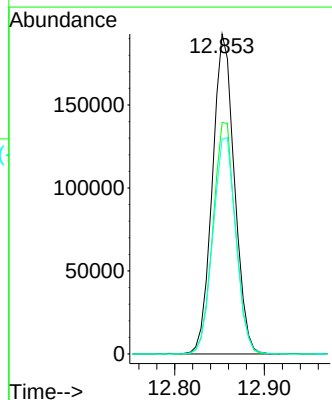
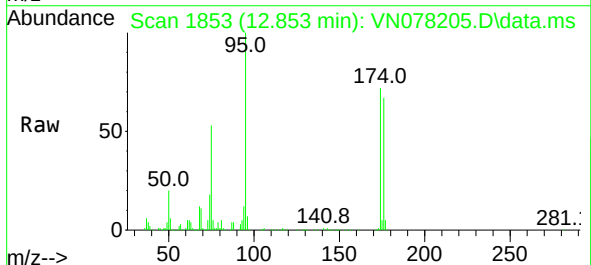
Instrument :
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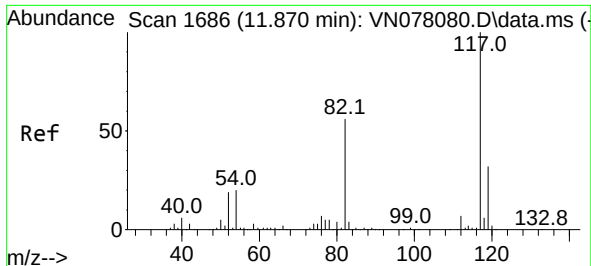
Tgt Ion: 98 Resp: 1043706
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.775 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078205.D
Acq: 14 Jun 2023 14:56

Tgt Ion: 95 Resp: 328389
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 70.5 0.0 135.8

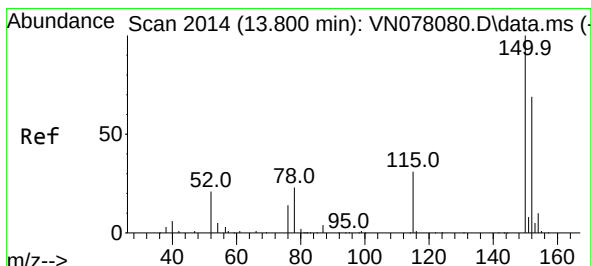
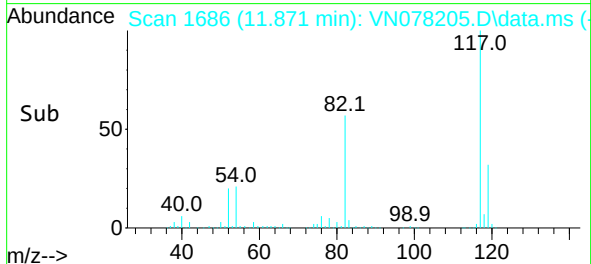
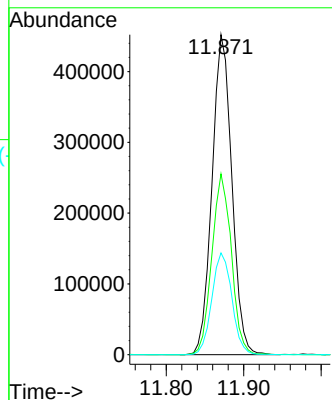
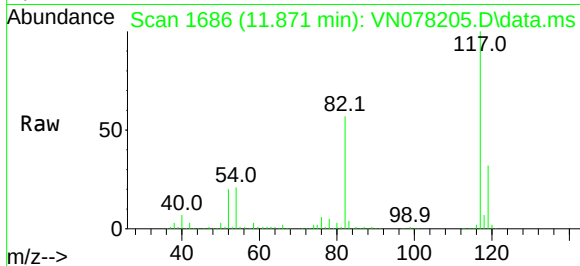




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078205.D
Acq: 14 Jun 2023 14:56

Instrument :
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Tgt Ion:117 Resp: 803326
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078205.D
Acq: 14 Jun 2023 14:56

Tgt Ion:152 Resp: 239976
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 160.1 0.0 355.8

