

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080159.D
 Acq On : 17 Nov 2023 13:41
 Operator : JC\MD
 Sample : 05445-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-1-1115

Quant Time: Nov 18 02:29:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

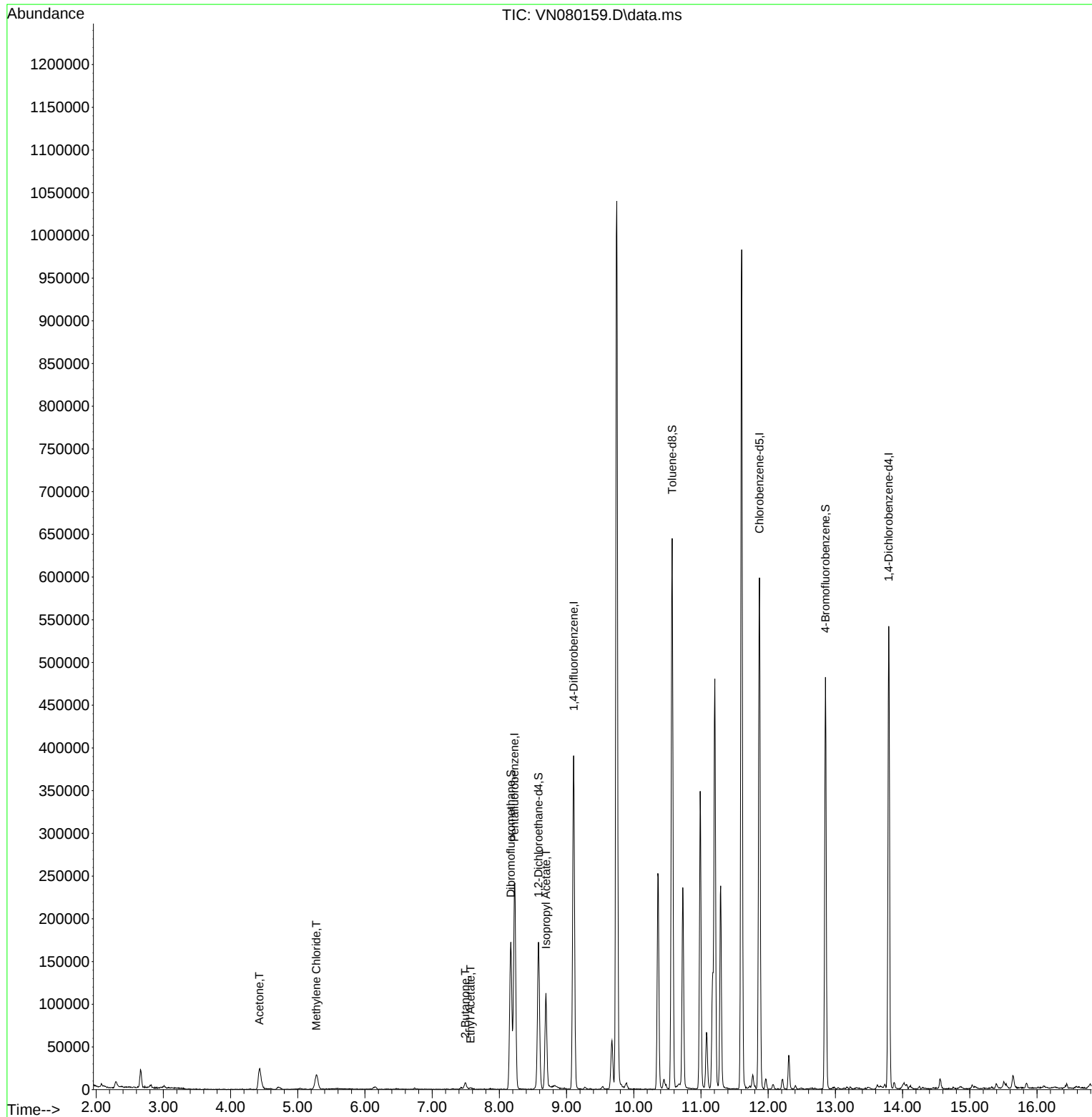
Internal Standards						
1) Pentafluorobenzene	8.224	168	172671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	337864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152499	53.488	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.980%	
35) Dibromofluoromethane	8.171	113	121238	51.793	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.580%	
50) Toluene-d8	10.571	98	439435	52.077	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	12.853	95	163973	51.447	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.900%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	46606	48.669	ug/l	97
20) Methylene Chloride	5.277	84	14578	7.269	ug/l #	80
25) 2-Butanone	7.494	43	10872	9.556	ug/l	92
37) Ethyl Acetate	7.571	43	3413	1.452	ug/l #	71
43) Isopropyl Acetate	8.694	43	119351	26.090	ug/l #	86

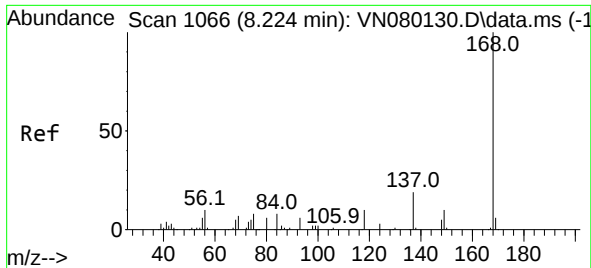
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
Data File : VN080159.D
Acq On : 17 Nov 2023 13:41
Operator : JC\MD
Sample : 05445-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SOIL-1-1115

Quant Time: Nov 18 02:29:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

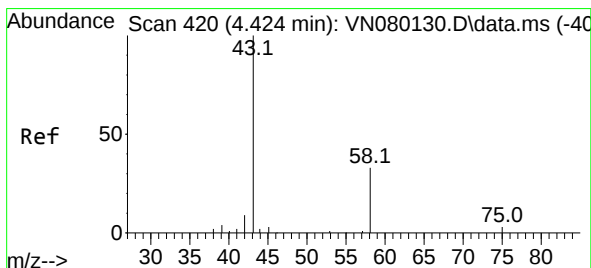
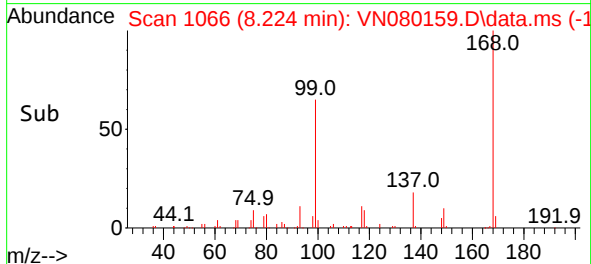
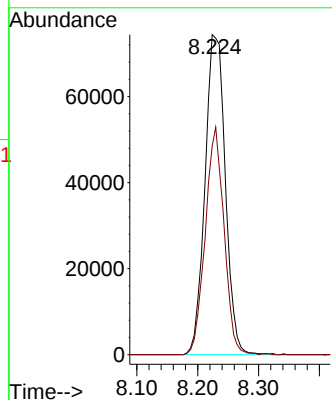
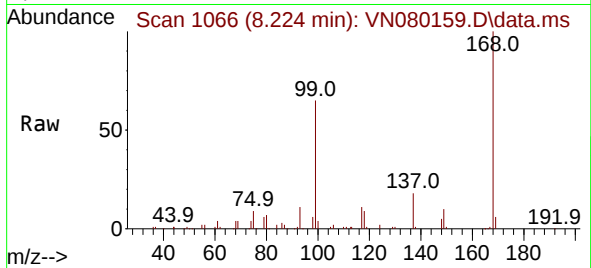




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

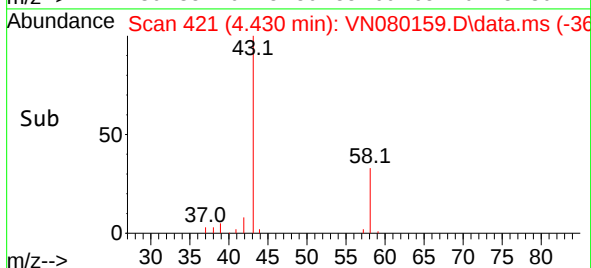
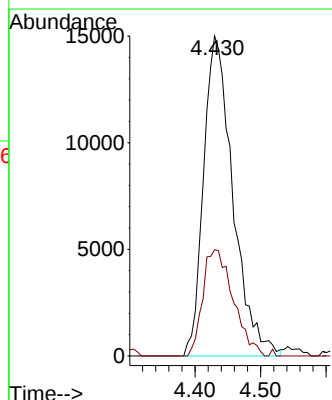
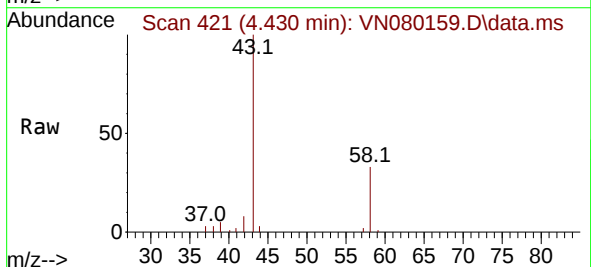
Instrument :
MSVOA_N
ClientSampleId :
SOIL-1-1115

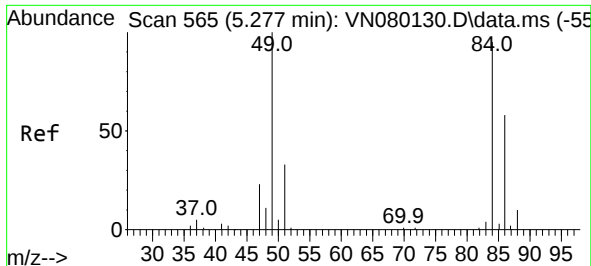
Tgt Ion:168 Resp: 172671
Ion Ratio Lower Upper
168 100
99 65.2 53.0 79.6



#16
Acetone
Concen: 48.669 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Tgt Ion: 43 Resp: 46606
Ion Ratio Lower Upper
43 100
58 33.2 28.0 42.0





#20

Methylene Chloride

Concen: 7.269 ug/l

RT: 5.277 min Scan# 5

Delta R.T. -0.000 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

SOIL-1-1115

Tgt Ion: 84 Resp: 14578

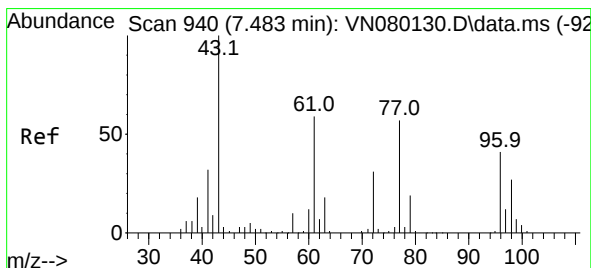
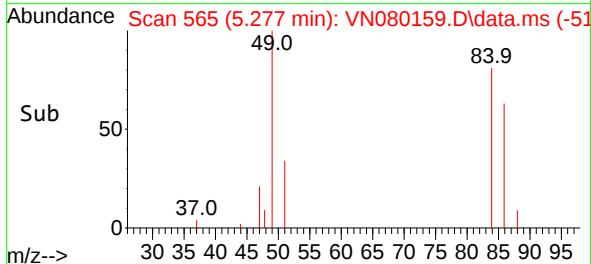
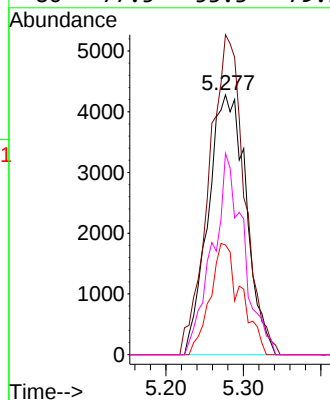
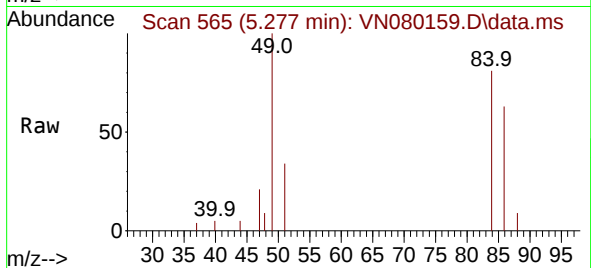
Ion Ratio Lower Upper

84 100

49 123.2 79.7 119.5#

51 42.3 25.2 37.8#

86 77.5 53.3 79.9



#25

2-Butanone

Concen: 9.556 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.012 min

Lab File: VN080159.D

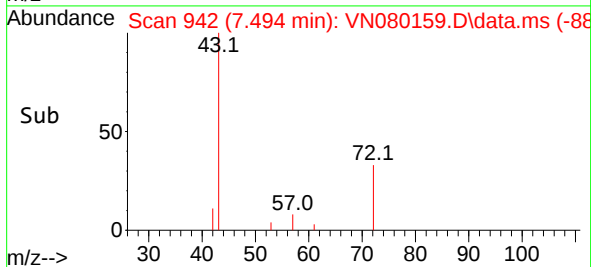
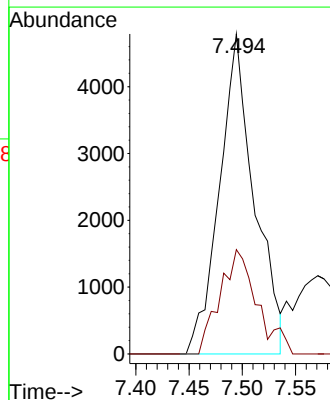
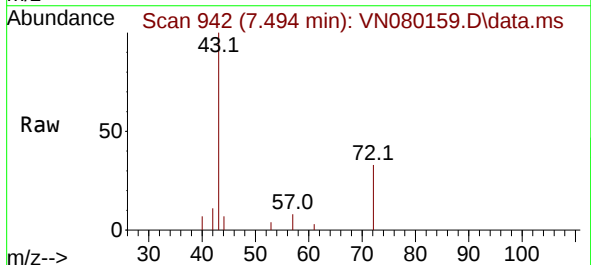
Acq: 17 Nov 2023 13:41

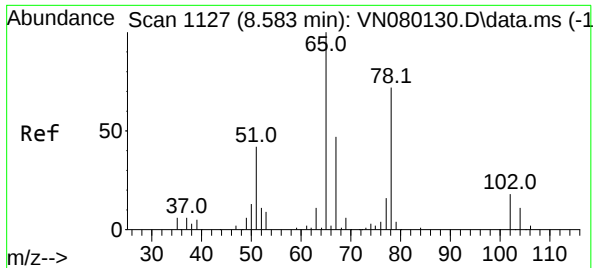
Tgt Ion: 43 Resp: 10872

Ion Ratio Lower Upper

43 100

72 32.6 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 53.488 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

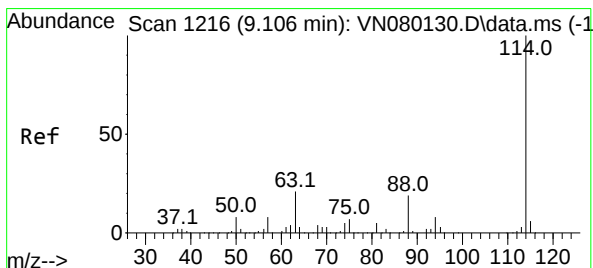
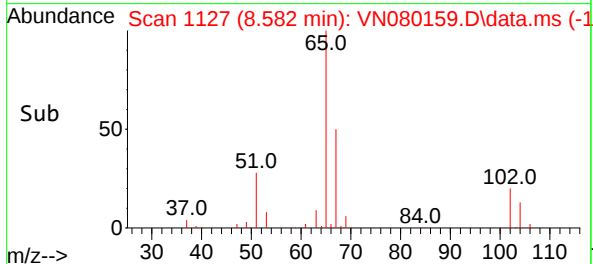
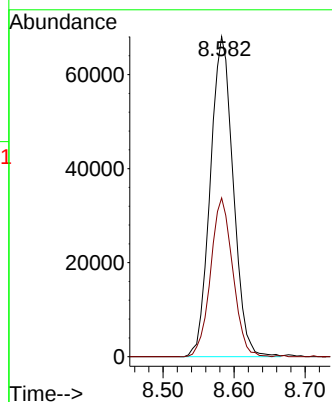
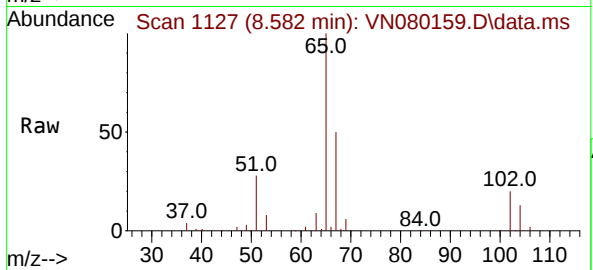
SOIL-1-1115

Tgt Ion: 65 Resp: 152499

Ion Ratio Lower Upper

65 100

67 48.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

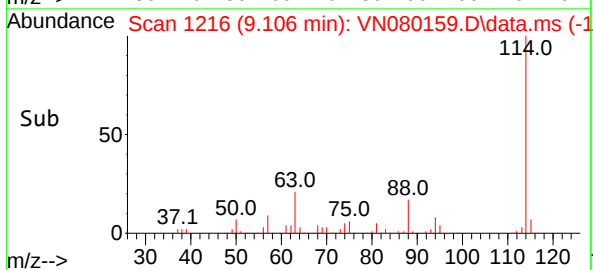
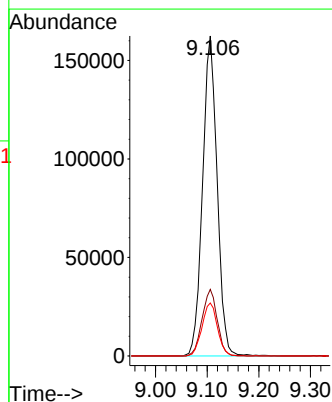
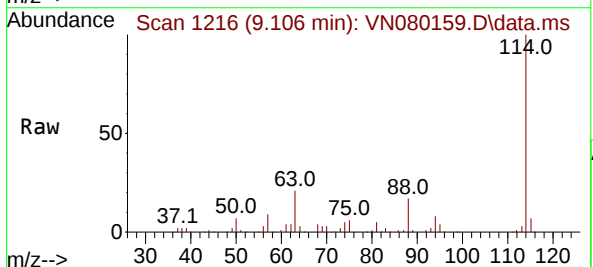
Tgt Ion: 114 Resp: 317241

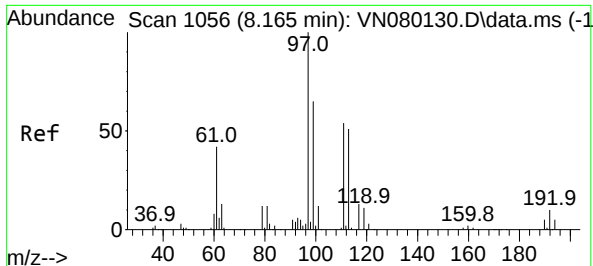
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 16.5 0.0 30.6

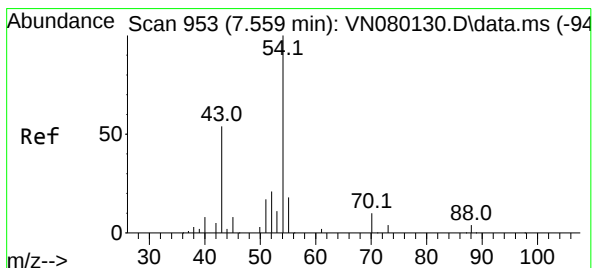
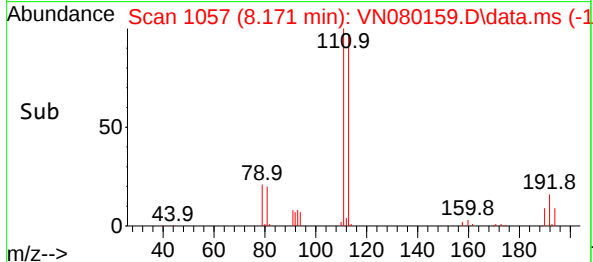
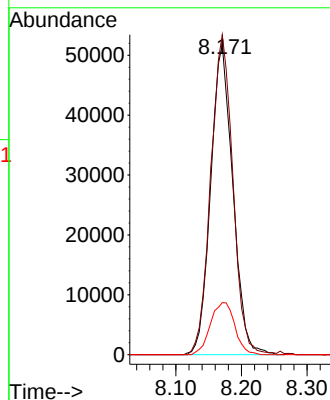
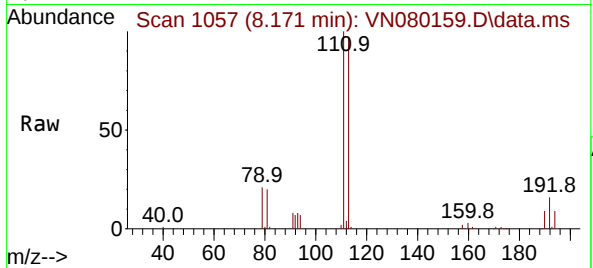




#35
Dibromofluoromethane
Concen: 51.793 ug/l
RT: 8.171 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

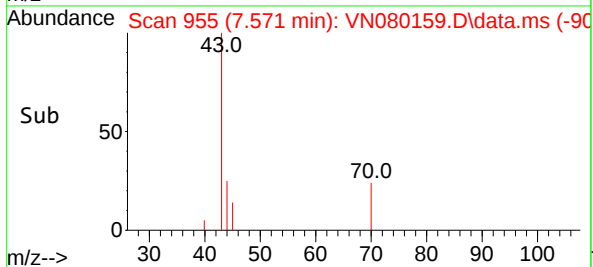
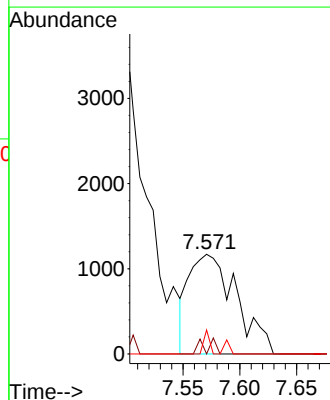
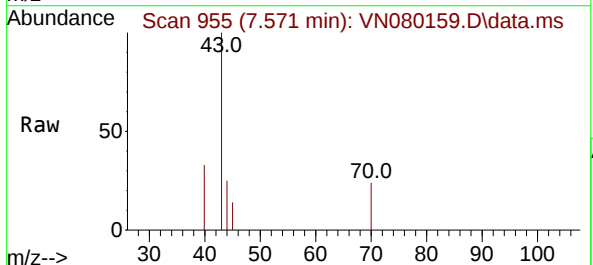
Instrument :
MSVOA_N
ClientSampleId :
SOIL-1-1115

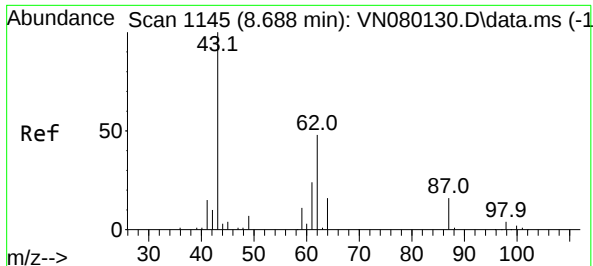
Tgt Ion:113 Resp: 121238
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 18.5 12.7 19.1



#37
Ethyl Acetate
Concen: 1.452 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Tgt Ion: 43 Resp: 3413
Ion Ratio Lower Upper
43 100
61 3.8 13.2 19.8#
70 2.9 11.3 16.9#





#43

Isopropyl Acetate

Concen: 26.090 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

SOIL-1-1115

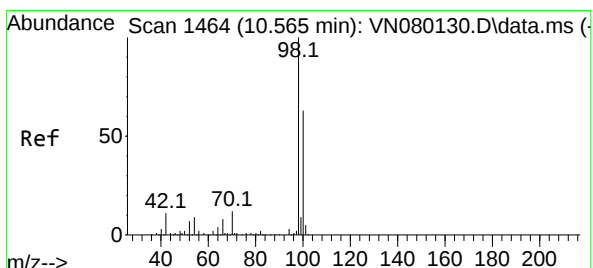
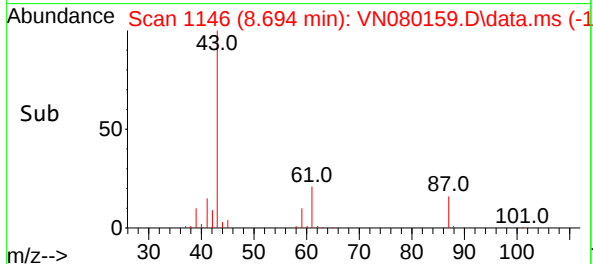
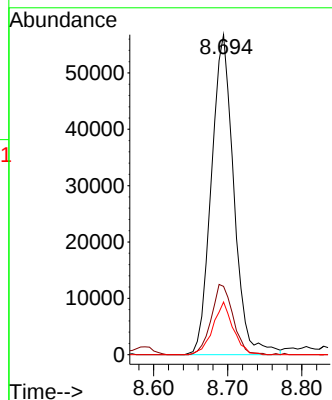
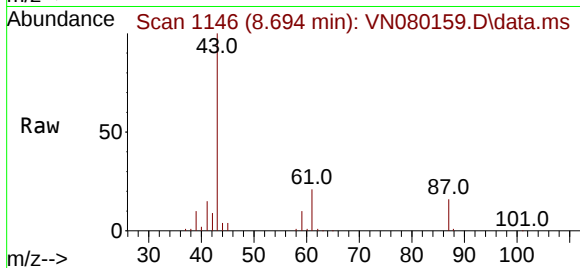
Tgt Ion: 43 Resp: 119351

Ion Ratio Lower Upper

43 100

61 21.3 24.7 37.1#

87 14.8 14.6 21.8



#50

Toluene-d8

Concen: 52.077 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080159.D

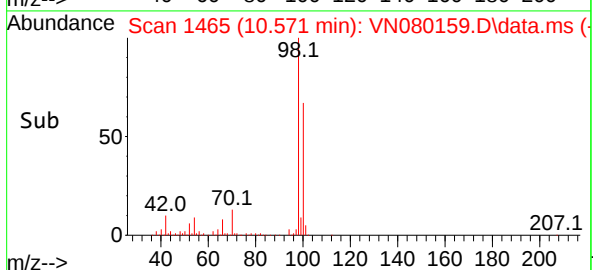
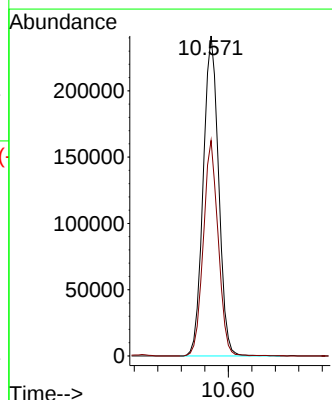
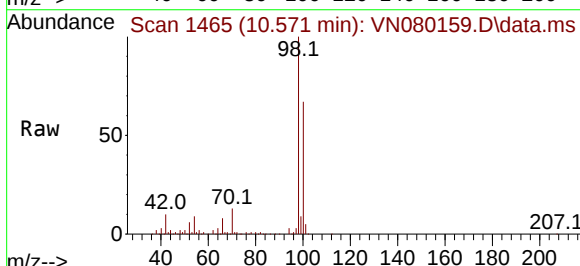
Acq: 17 Nov 2023 13:41

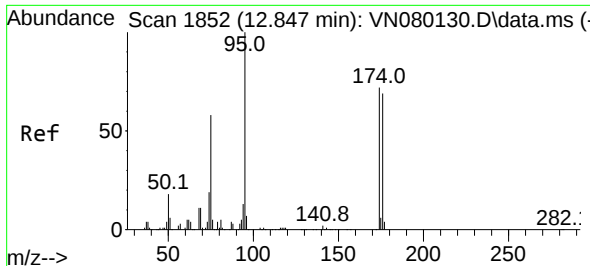
Tgt Ion: 98 Resp: 439435

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

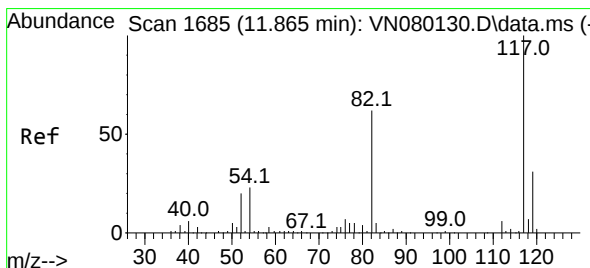
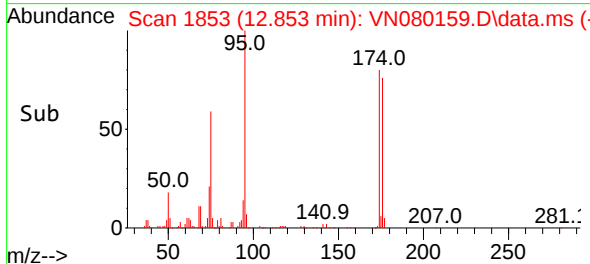
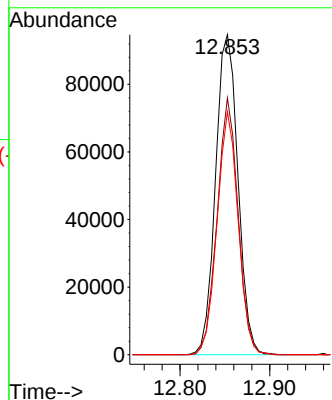
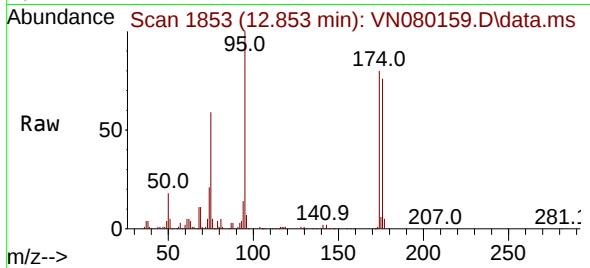




#62
4-Bromofluorobenzene
Concen: 51.447 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

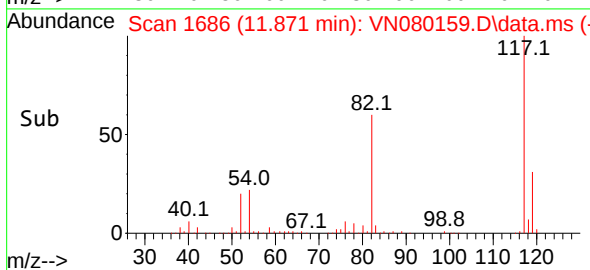
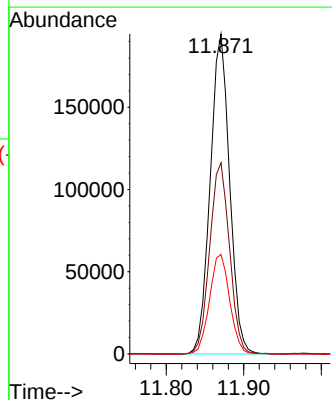
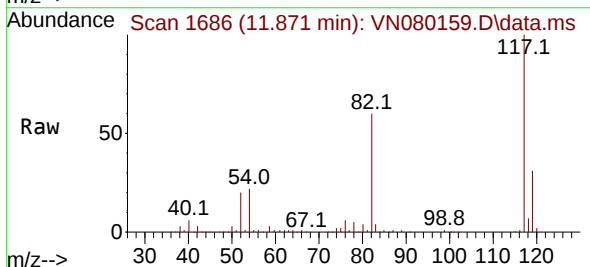
Instrument :
MSVOA_N
ClientSampleId :
SOIL-1-1115

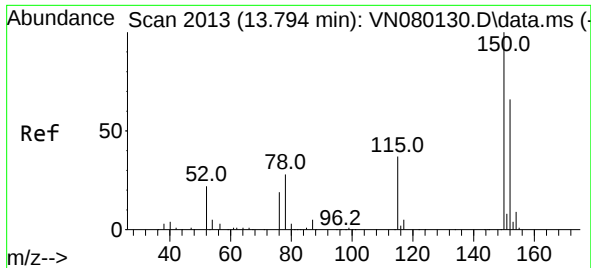
Tgt Ion: 95 Resp: 163973
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Tgt Ion: 117 Resp: 337864
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 31.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080159.D
 Acq: 17 Nov 2023 13:41

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-1-1115

Tgt Ion:152 Resp: 142117
 Ion Ratio Lower Upper
 152 100
 115 66.5 32.3 96.8
 150 160.0 0.0 355.8

