

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078264.D
 Acq On : 16 Jun 2023 16:53
 Operator : JC\MD
 Sample : 03262-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WS-SOIL2-0615

Quant Time: Jun 17 02:26:07 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)

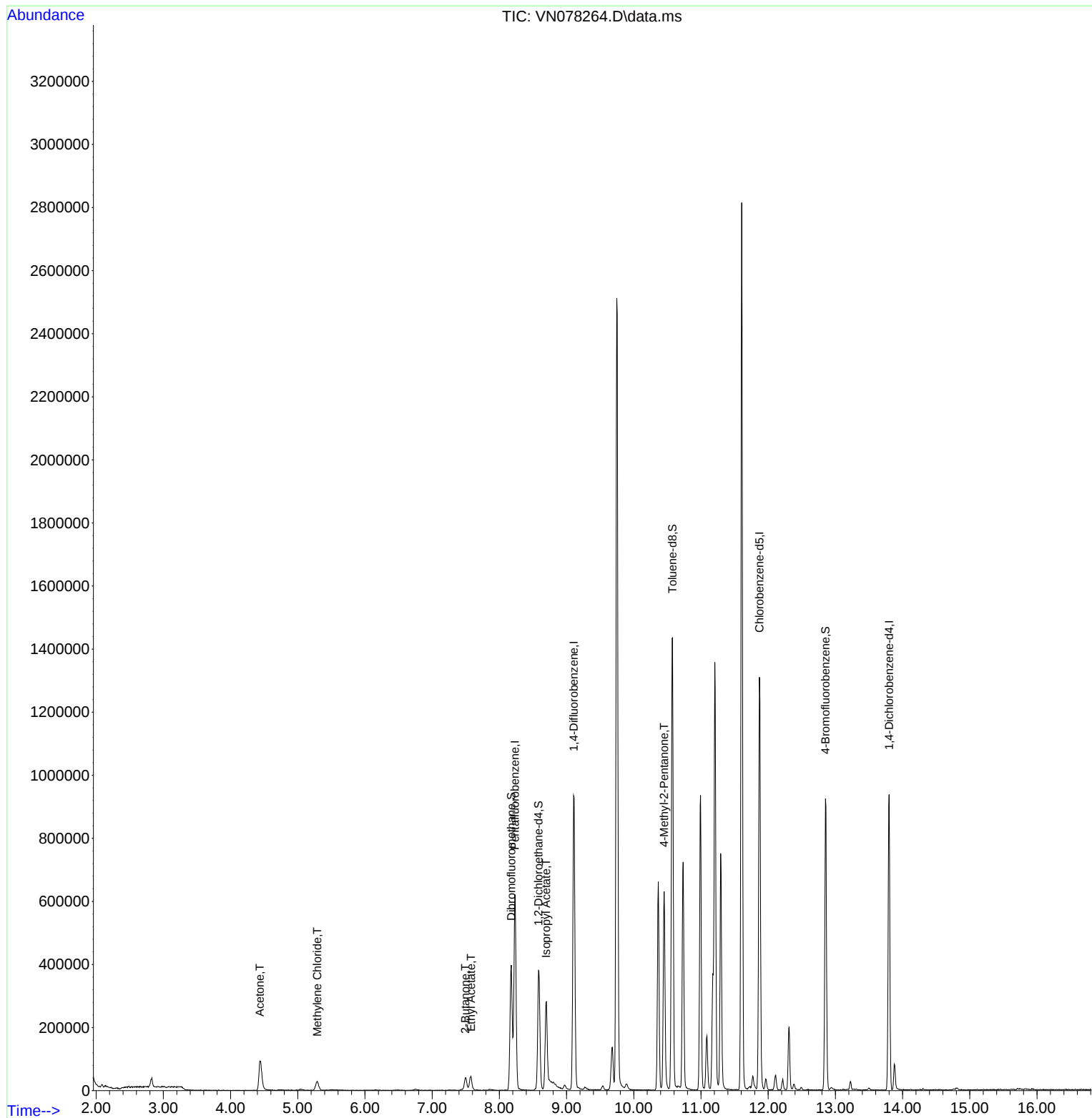
Internal Standards						
1) Pentafluorobenzene	8.230	168	440345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	827883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	785089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	256969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	319478	54.415	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.820%	
35) Dibromofluoromethane	8.177	113	283120	54.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.180%	
50) Toluene-d8	10.576	98	1022019	50.645	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.300%	
62) 4-Bromofluorobenzene	12.853	95	330559	52.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.380%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	181445	107.368	ug/l	93
20) Methylene Chloride	5.289	84	22496	4.028	ug/l #	91
25) 2-Butanone	7.494	43	61566	23.691	ug/l #	77
37) Ethyl Acetate	7.577	43	68880	11.743	ug/l #	94
43) Isopropyl Acetate	8.694	43	325900	29.052	ug/l #	80
51) 4-Methyl-2-Pentanone	10.453	43	426472	72.197	ug/l	90

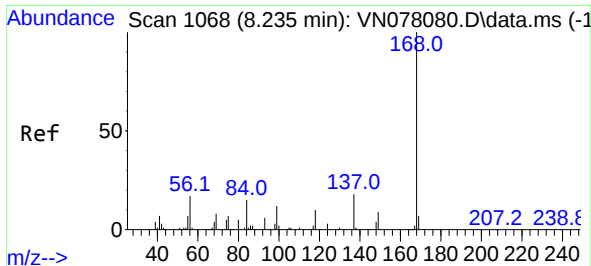
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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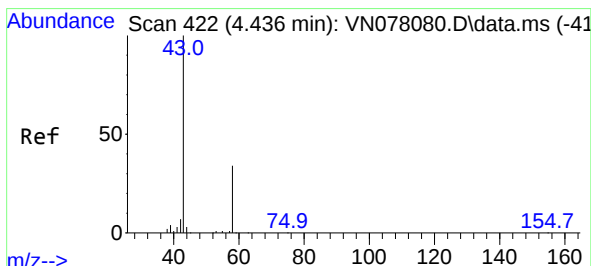
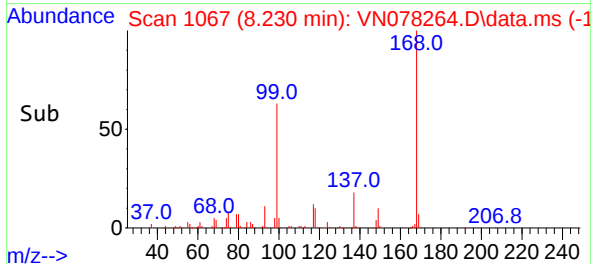
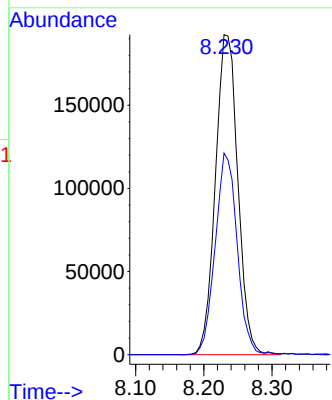
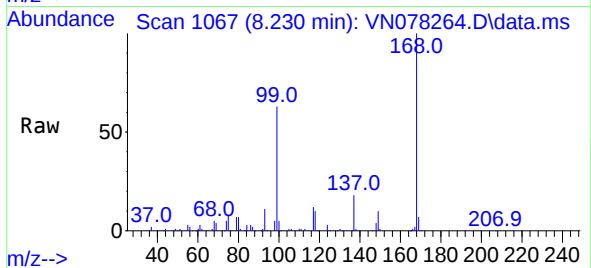




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078264.D
Acq: 16 Jun 2023 16:53

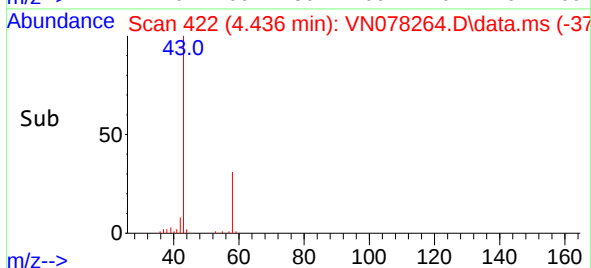
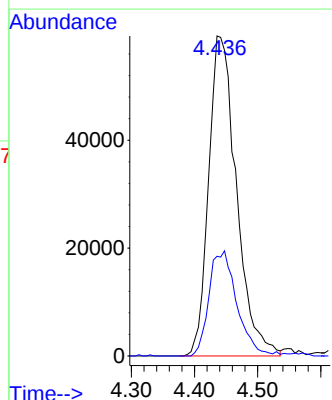
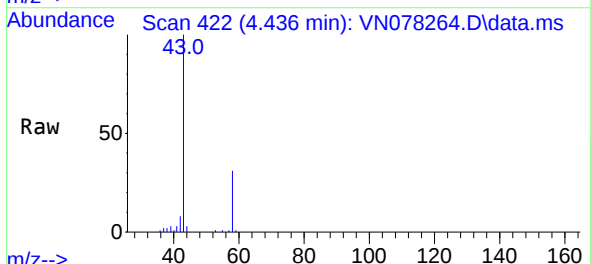
Instrument :
MSVOA_N
ClientSampleId :
WS-SOIL2-0615

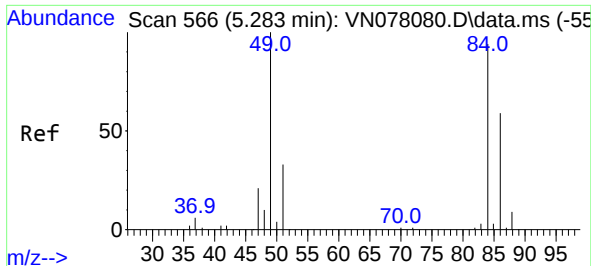
Tgt Ion:168 Resp: 440345
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#16
Acetone
Concen: 107.368 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078264.D
Acq: 16 Jun 2023 16:53

Tgt Ion: 43 Resp: 181445
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0

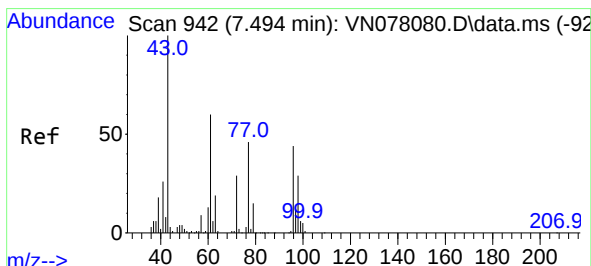
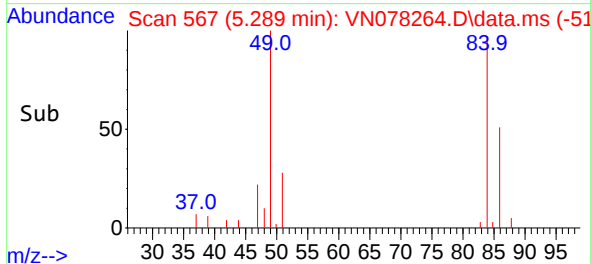
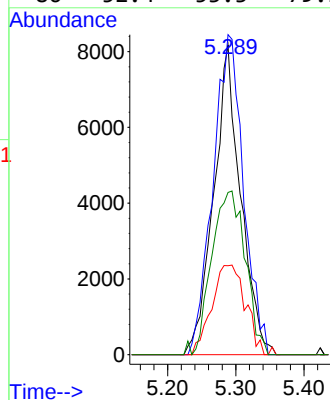
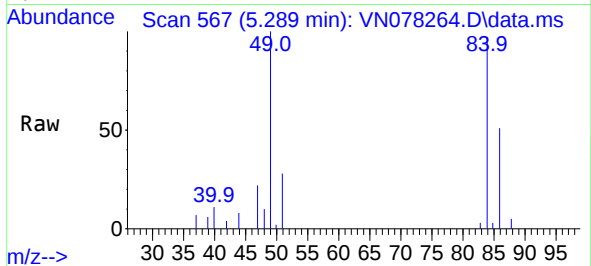




#20
Methylene Chloride
Concen: 4.028 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078264.D
Acq: 16 Jun 2023 16:53

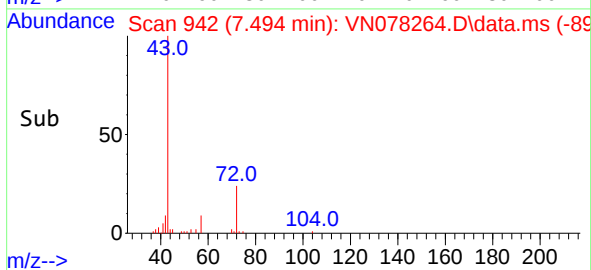
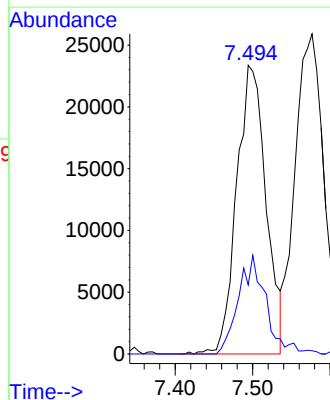
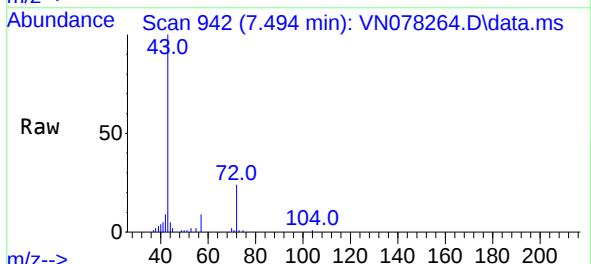
Instrument :
MSVOA_N
ClientSampleId :
WS-SOIL2-0615

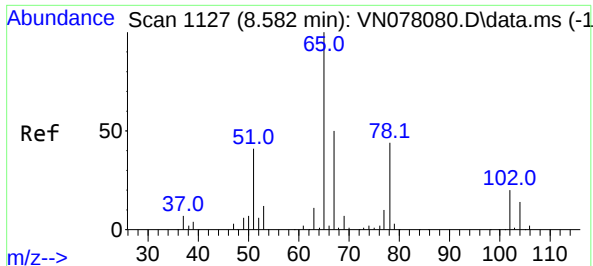
Tgt Ion:	84	Resp:	22496
Ion	Ratio	Lower	Upper
84	100		
49	103.4	79.7	119.5
51	28.8	25.2	37.8
86	52.4	53.3	79.9#



#25
2-Butanone
Concen: 23.691 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078264.D
Acq: 16 Jun 2023 16:53

Tgt Ion:	43	Resp:	61566
Ion	Ratio	Lower	Upper
43	100		
72	24.0	30.2	45.2#

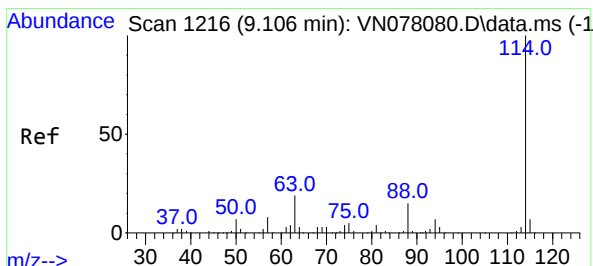
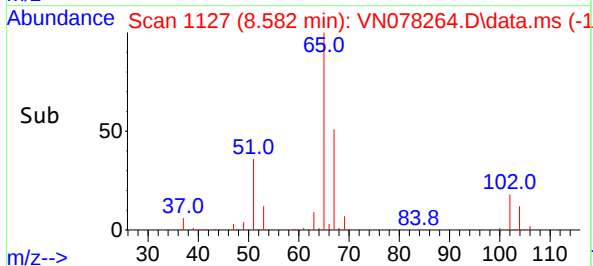
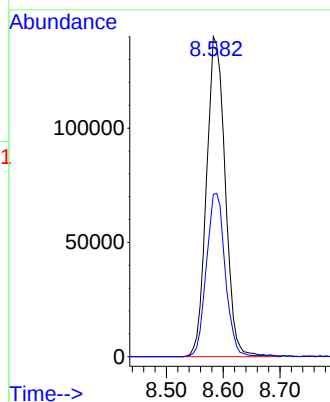
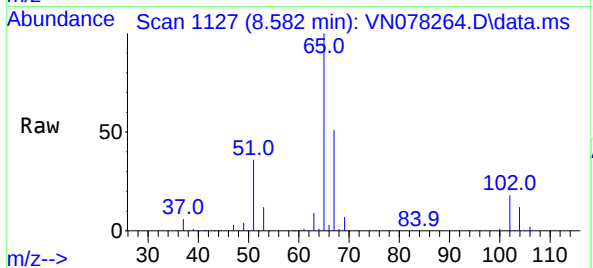




#33
1,2-Dichloroethane-d4
Concen: 54.415 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078264.D
Acq: 16 Jun 2023 16:53

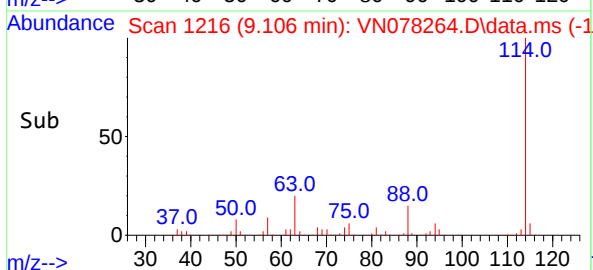
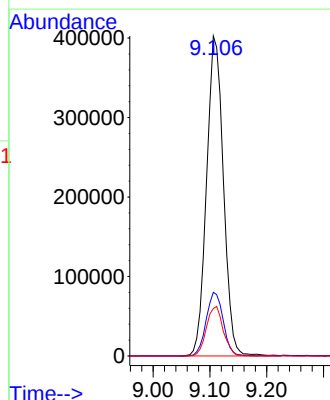
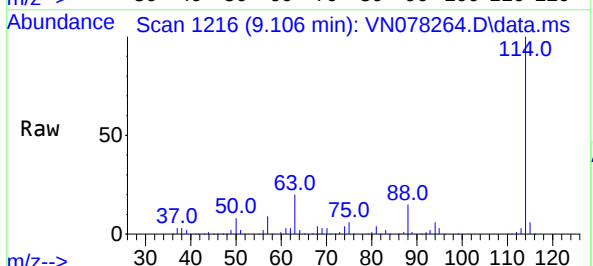
Instrument :
MSVOA_N
ClientSampleId :
WS-SOIL2-0615

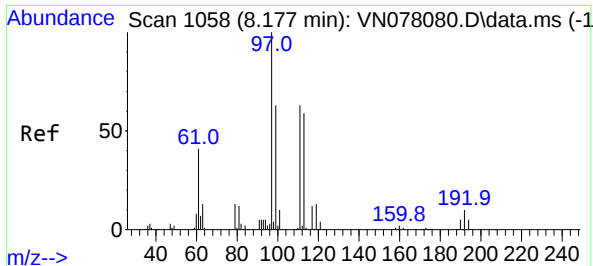
Tgt Ion: 65 Resp: 319478
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078264.D
Acq: 16 Jun 2023 16:53

Tgt Ion: 114 Resp: 827883
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.4
88 14.8 0.0 30.6

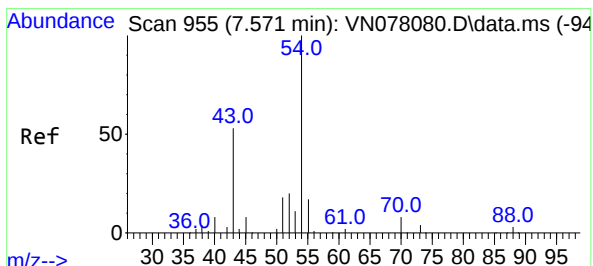
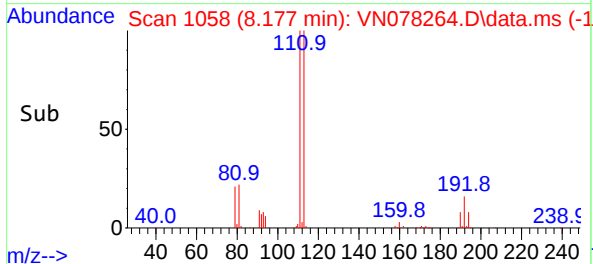
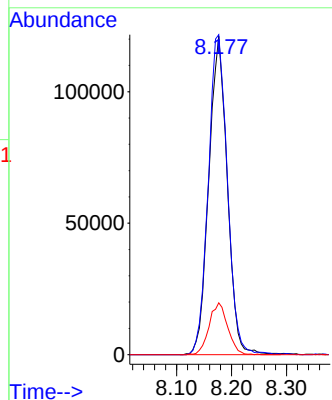
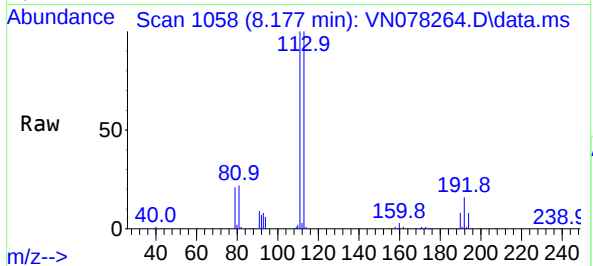




#35
Dibromofluoromethane
Concen: 54.086 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078264.D
Acq: 16 Jun 2023 16:53

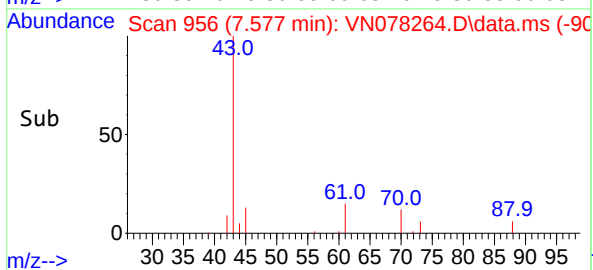
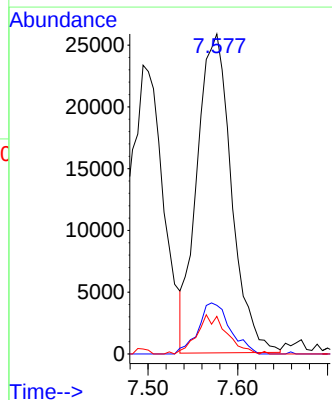
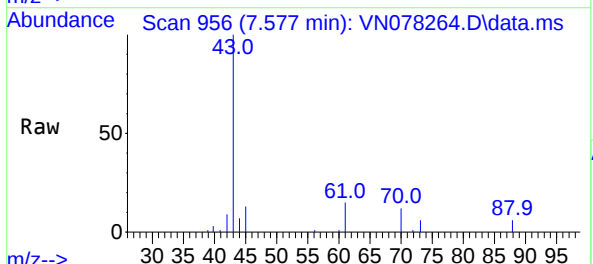
Instrument :
MSVOA_N
ClientSampleId :
WS-SOIL2-0615

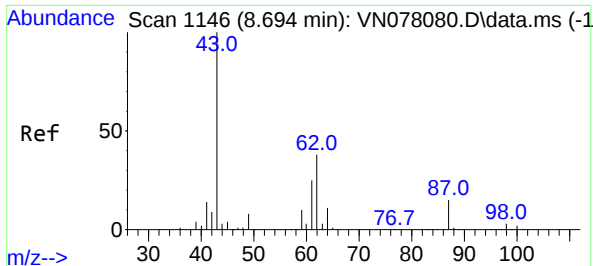
Tgt Ion:113 Resp: 283120
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 16.4 12.7 19.1



#37
Ethyl Acetate
Concen: 11.743 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078264.D
Acq: 16 Jun 2023 16:53

Tgt Ion: 43 Resp: 68880
Ion Ratio Lower Upper
43 100
61 14.8 13.2 19.8
70 10.6 11.3 16.9#





#43

Isopropyl Acetate

Concen: 29.052 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078264.D

Acq: 16 Jun 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

WS-SOIL2-0615

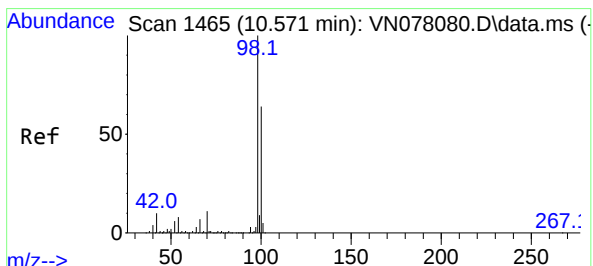
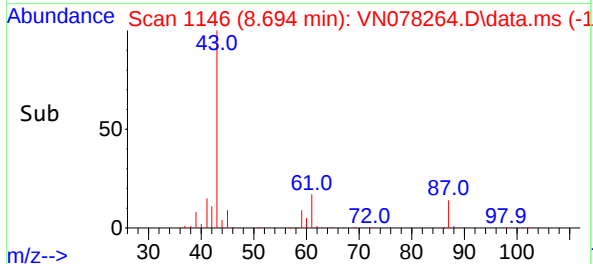
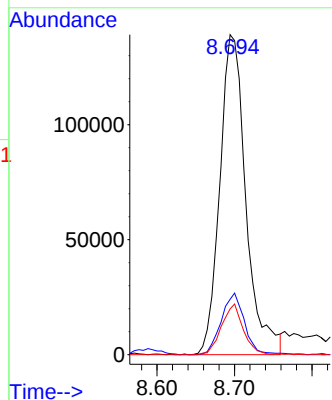
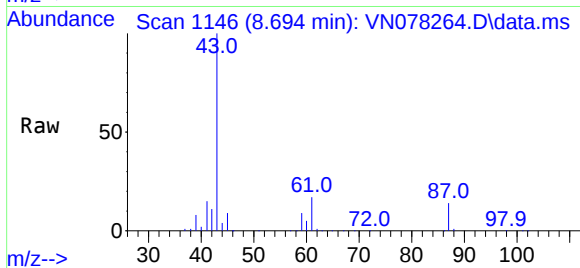
Tgt Ion: 43 Resp: 325900

Ion Ratio Lower Upper

43 100

61 17.3 24.7 37.1#

87 13.3 14.6 21.8#



#50

Toluene-d8

Concen: 50.645 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078264.D

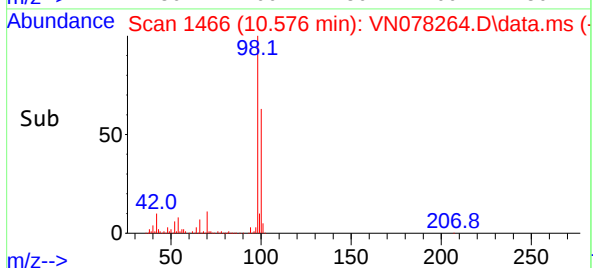
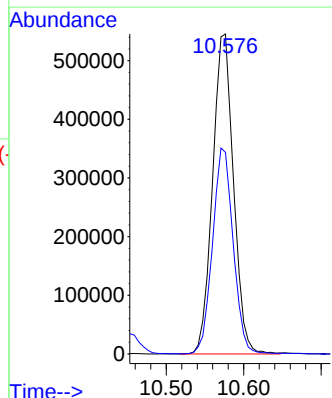
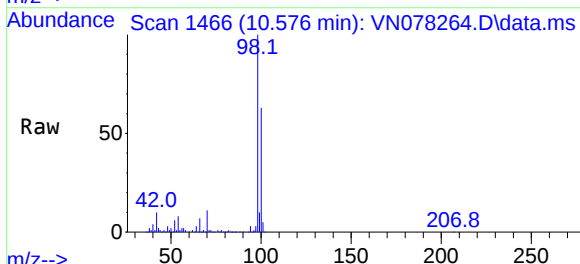
Acq: 16 Jun 2023 16:53

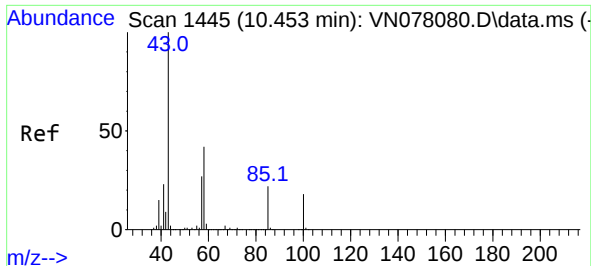
Tgt Ion: 98 Resp: 1022019

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

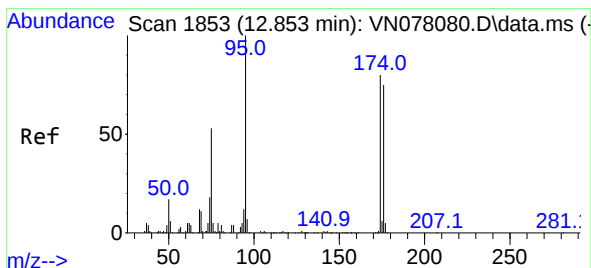
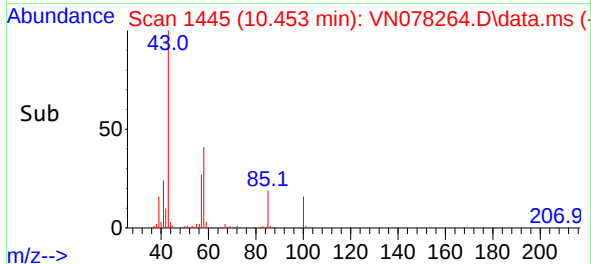
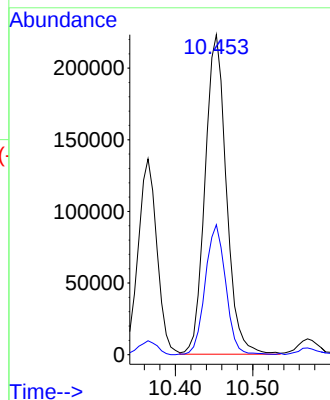
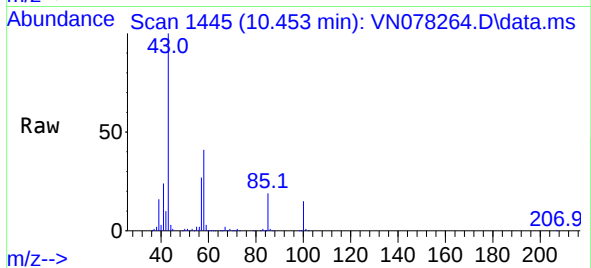




#51
4-Methyl-2-Pentanone
Concen: 72.197 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078264.D
Acq: 16 Jun 2023 16:53

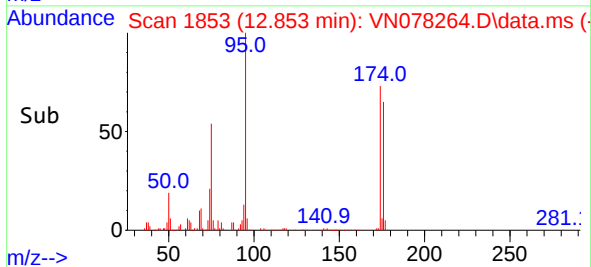
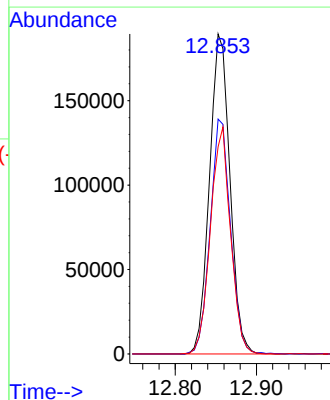
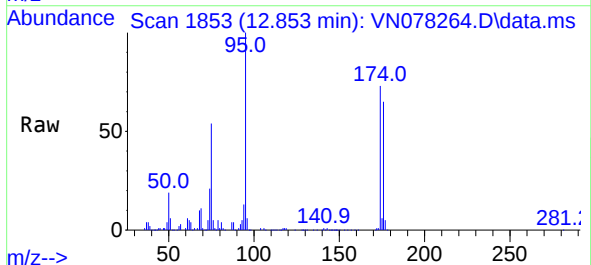
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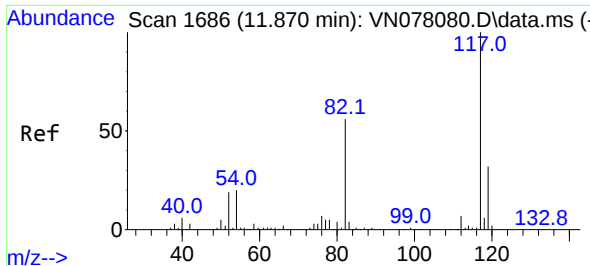
Tgt Ion: 43 Resp: 426472
Ion Ratio Lower Upper
43 100
58 39.1 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 52.692 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078264.D
Acq: 16 Jun 2023 16:53

Tgt Ion: 95 Resp: 330559
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 69.7 0.0 135.8

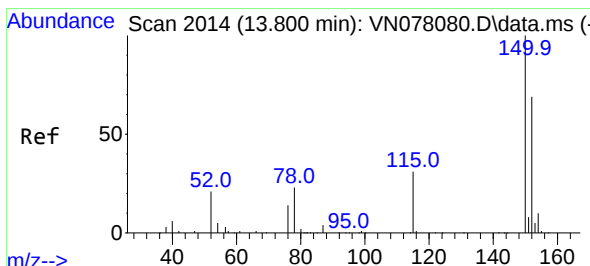
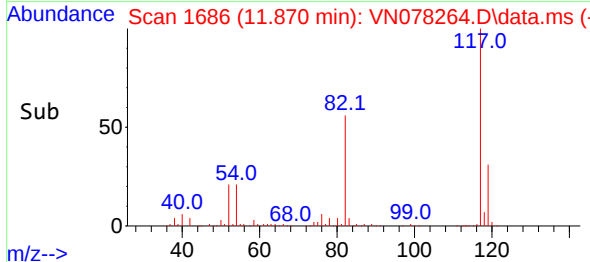
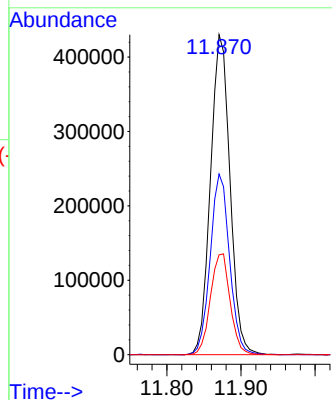
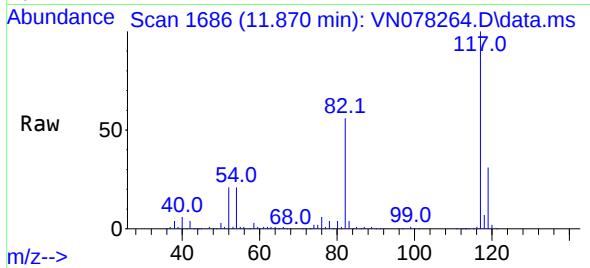




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078264.D
Acq: 16 Jun 2023 16:53

Instrument :
MSVOA_N
ClientSampleId :
WS-SOIL2-0615

Tgt Ion:117 Resp: 785089
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 31.2 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: VN078264.D
Acq: 16 Jun 2023 16:53

Tgt Ion:152 Resp: 256969
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 156.0 0.0 355.8

