

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078263.D
 Acq On : 16 Jun 2023 16:29
 Operator : JC\MD
 Sample : 03262-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WS-SOIL1-0615

Quant Time: Jun 17 02:25:33 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)

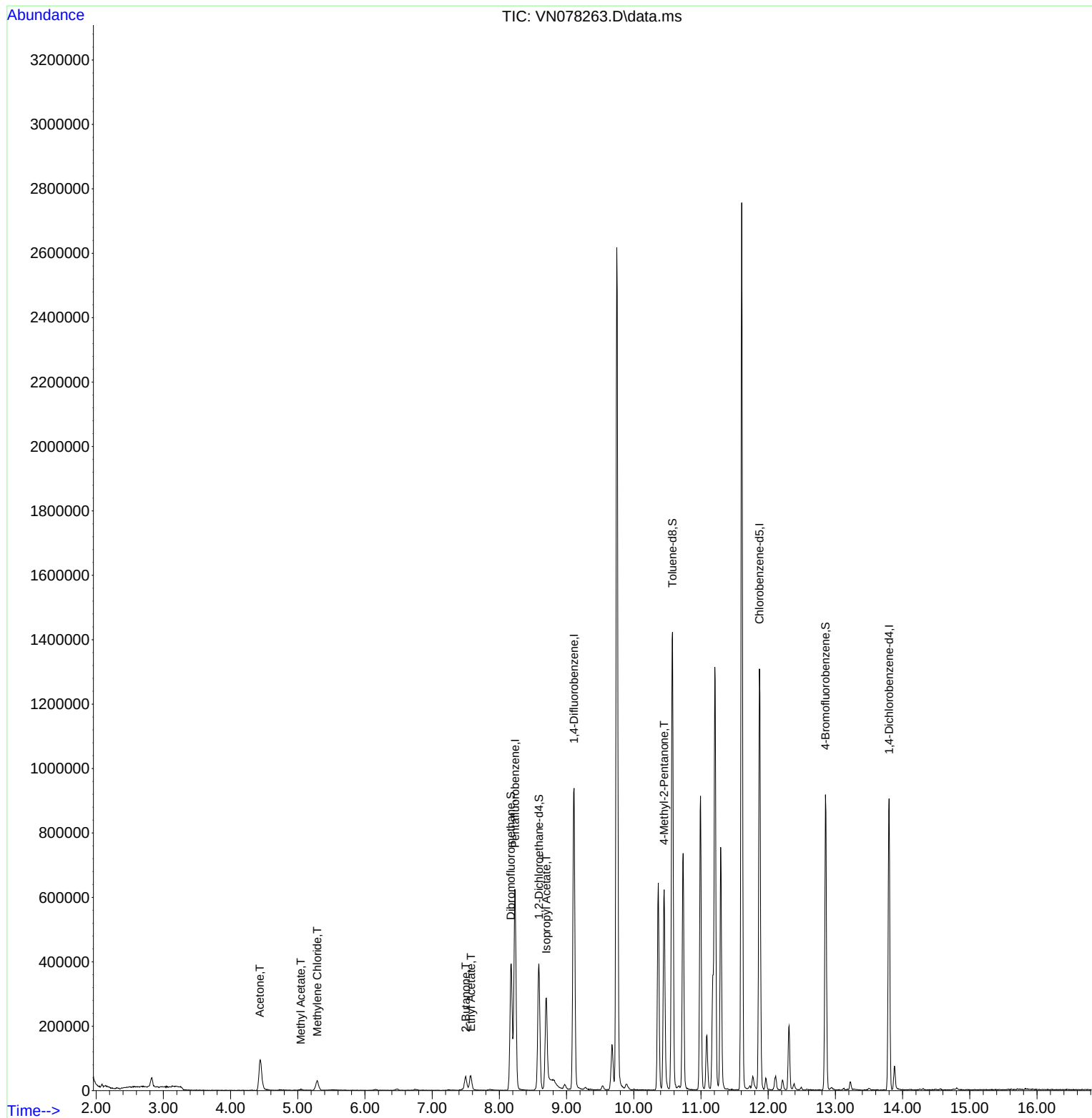
Internal Standards						
1) Pentafluorobenzene	8.236	168	438882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	831922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	775593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	243602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	320504	54.772	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.540%	
35) Dibromofluoromethane	8.171	113	284035	53.998	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.000%	
50) Toluene-d8	10.577	98	1002690	49.446	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.900%	
62) 4-Bromofluorobenzene	12.853	95	317586	50.378	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.760%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	178941	106.239	ug/l	90
18) Methyl Acetate	5.047	43	5656	0.729	ug/l #	85
20) Methylene Chloride	5.289	84	22557	4.053	ug/l #	93
25) 2-Butanone	7.500	43	63717	24.600	ug/l	93
37) Ethyl Acetate	7.577	43	67169	11.396	ug/l	95
43) Isopropyl Acetate	8.700	43	343375	30.462	ug/l #	80
51) 4-Methyl-2-Pentanone	10.453	43	417414	70.320	ug/l	91

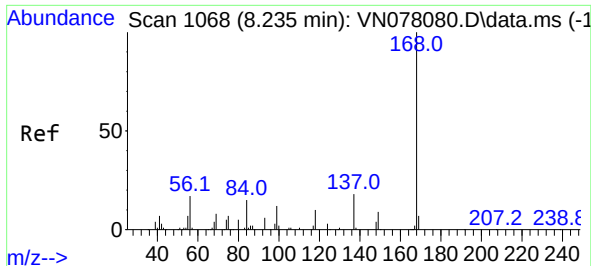
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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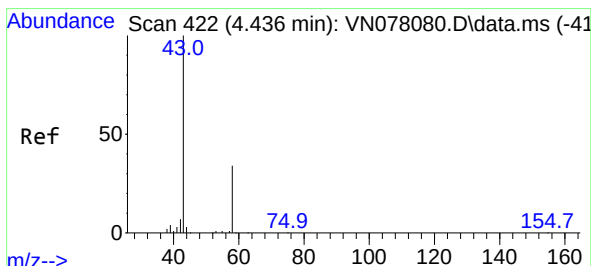
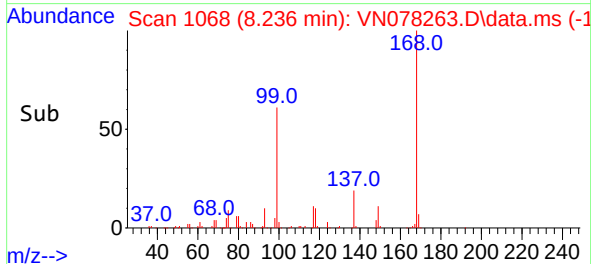
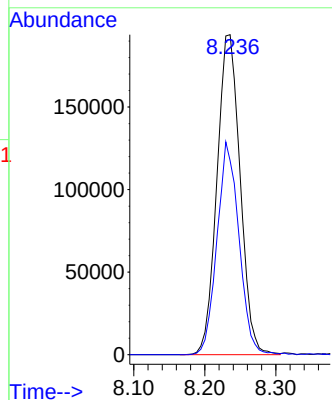
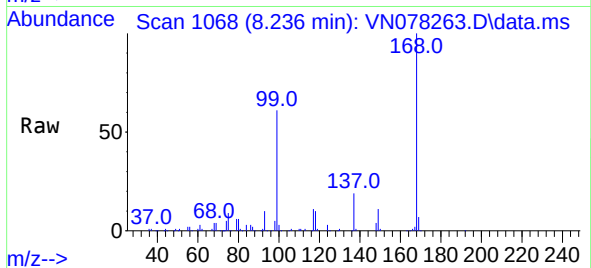




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078263.D
Acq: 16 Jun 2023 16:29

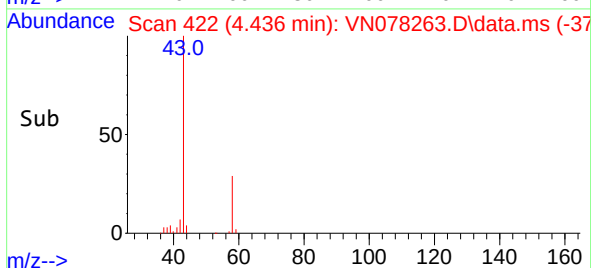
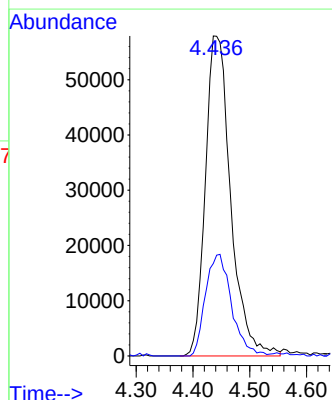
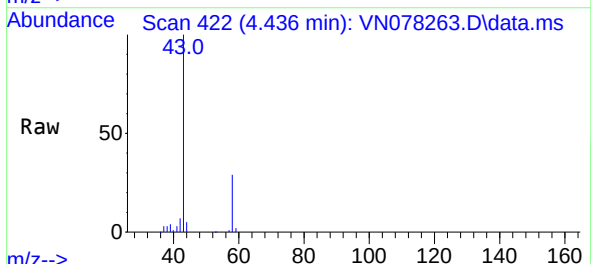
Instrument :
MSVOA_N
ClientSampleId :
WS-SOIL1-0615

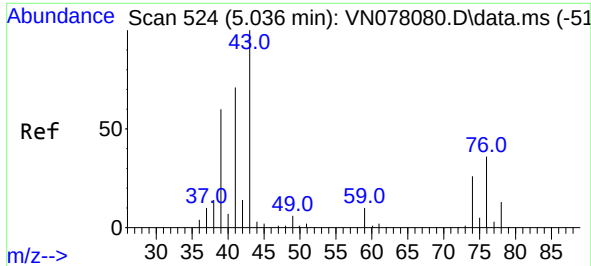
Tgt Ion:168 Resp: 438882
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#16
Acetone
Concen: 106.239 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078263.D
Acq: 16 Jun 2023 16:29

Tgt Ion: 43 Resp: 178941
Ion Ratio Lower Upper
43 100
58 28.9 28.0 42.0





#18

Methyl Acetate

Concen: 0.729 ug/l

RT: 5.047 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN078263.D

Acq: 16 Jun 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

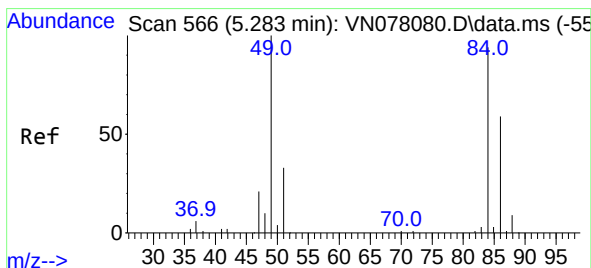
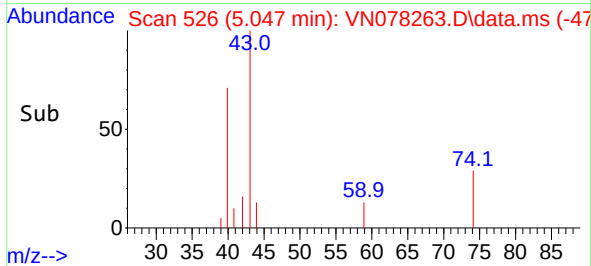
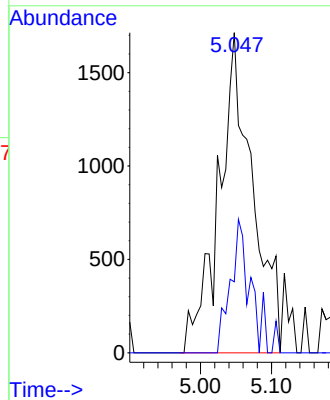
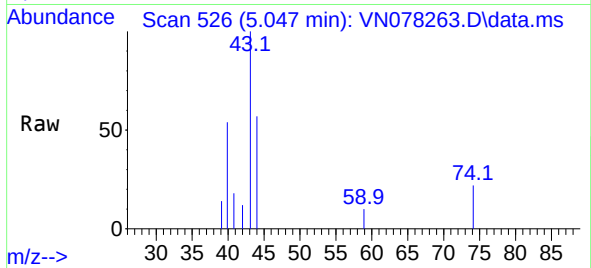
WS-SOIL1-0615

Tgt Ion: 43 Resp: 5656

Ion Ratio Lower Upper

43 100

74 24.2 26.2 39.4#



#20

Methylene Chloride

Concen: 4.053 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.006 min

Lab File: VN078263.D

Acq: 16 Jun 2023 16:29

Tgt Ion: 84 Resp: 22557

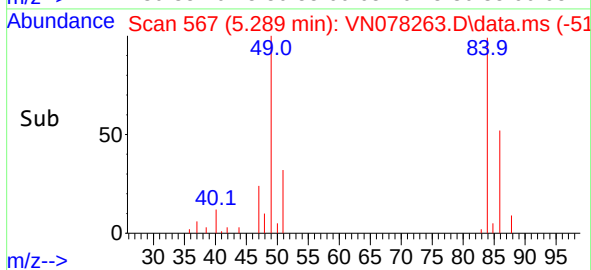
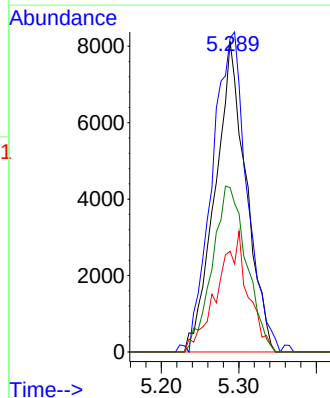
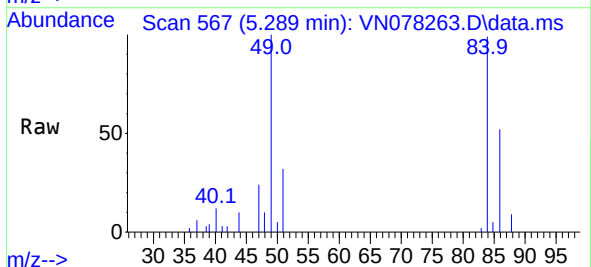
Ion Ratio Lower Upper

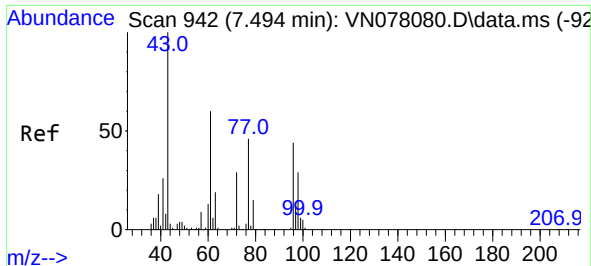
84 100

49 101.1 79.7 119.5

51 32.4 25.2 37.8

86 53.0 53.3 79.9#

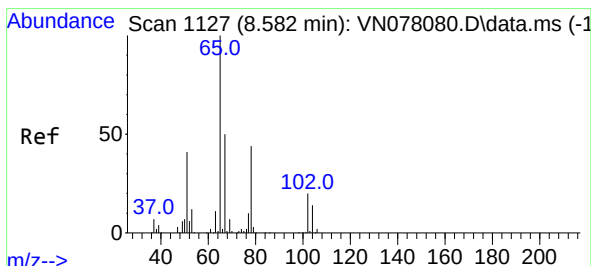
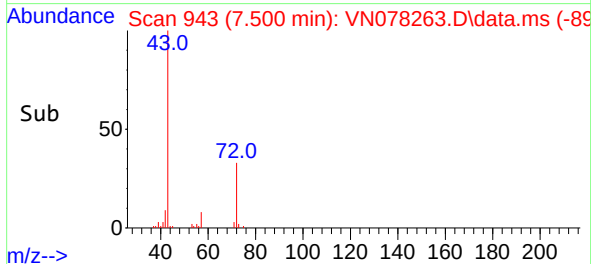
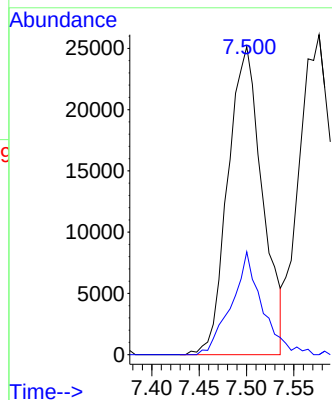
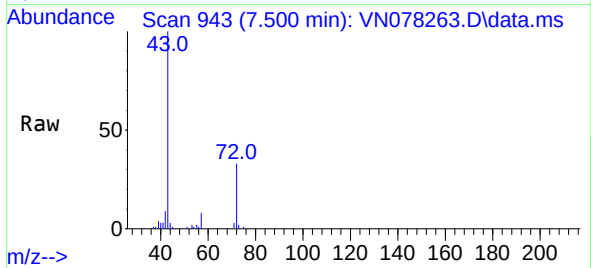




#25
2-Butanone
Concen: 24.600 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN078263.D
Acq: 16 Jun 2023 16:29

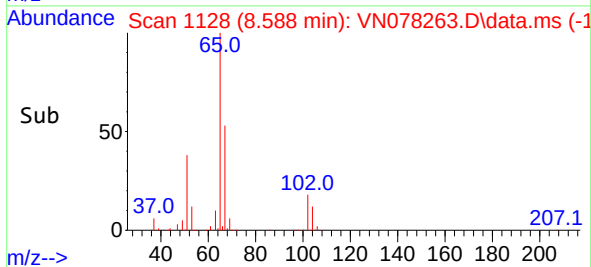
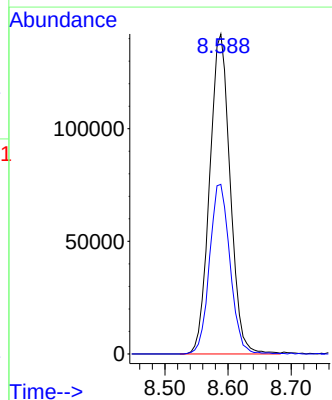
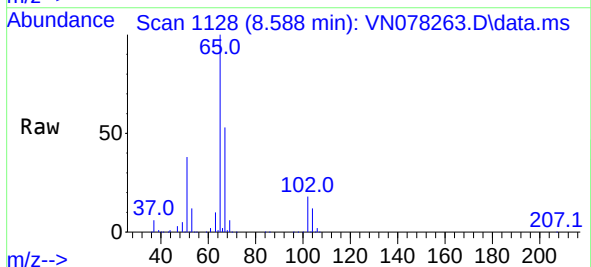
Instrument :
MSVOA_N
ClientSampleId :
WS-SOIL1-0615

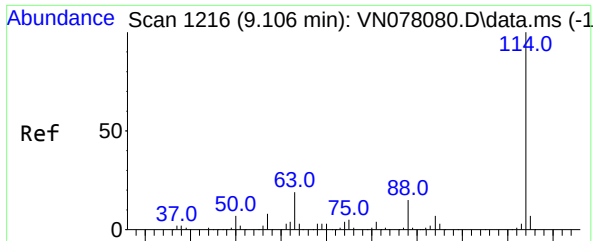
Tgt Ion: 43 Resp: 63717
Ion Ratio Lower Upper
43 100
72 33.4 30.2 45.2



#33
1,2-Dichloroethane-d4
Concen: 54.772 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078263.D
Acq: 16 Jun 2023 16:29

Tgt Ion: 65 Resp: 320504
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

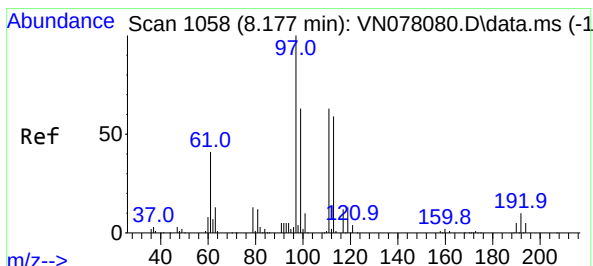
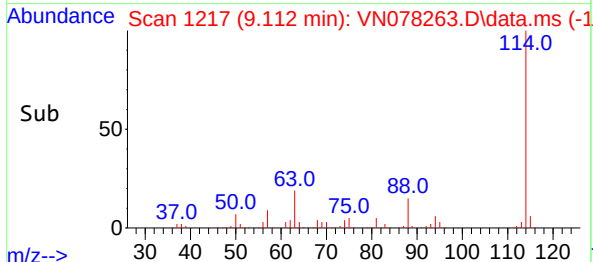
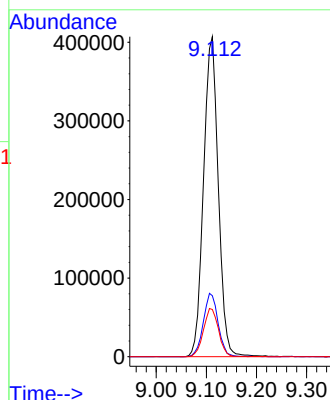
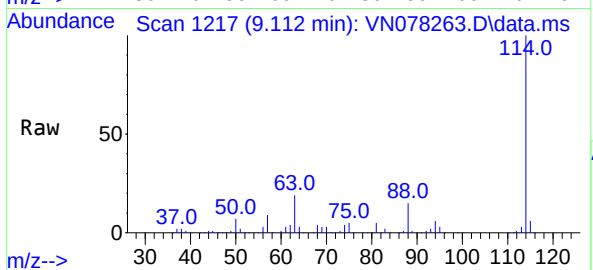




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078263.D
Acq: 16 Jun 2023 16:29

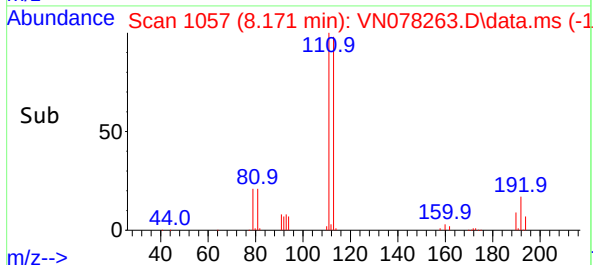
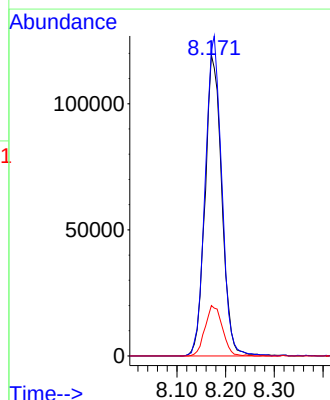
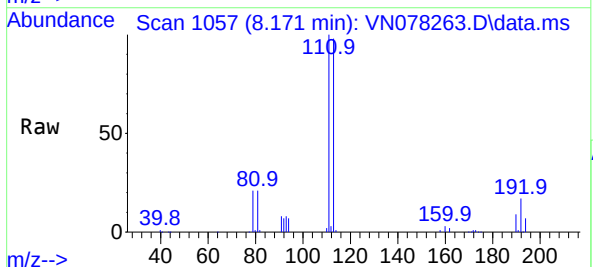
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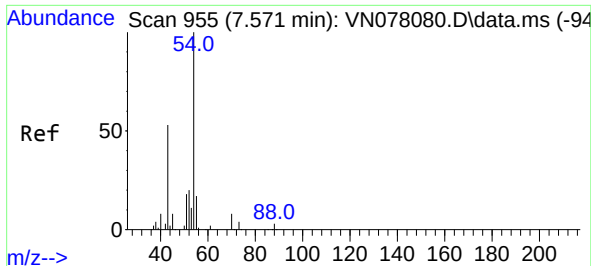
Tgt Ion:114 Resp: 831922
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.998 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078263.D
Acq: 16 Jun 2023 16:29

Tgt Ion:113 Resp: 284035
Ion Ratio Lower Upper
113 100
111 104.8 82.6 123.8
192 17.3 12.7 19.1

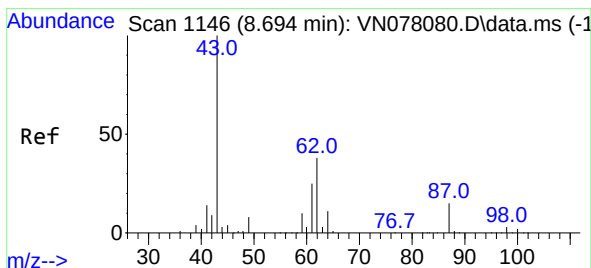
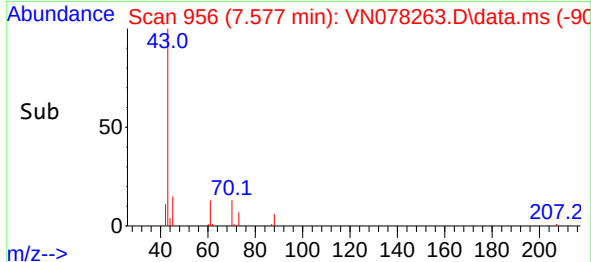
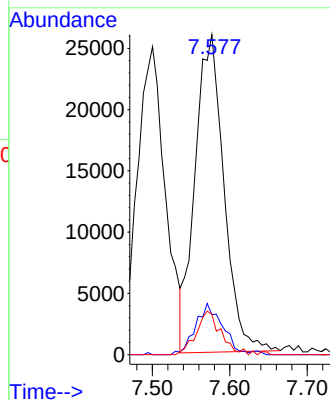
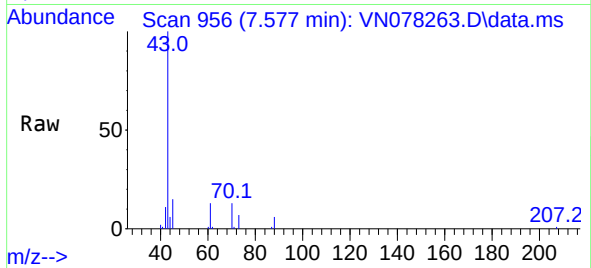




#37
Ethyl Acetate
Concen: 11.396 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078263.D
Acq: 16 Jun 2023 16:29

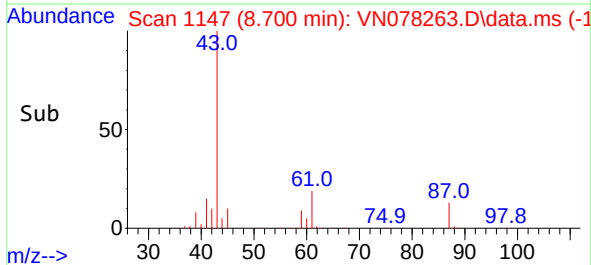
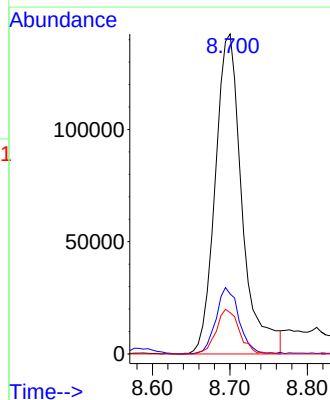
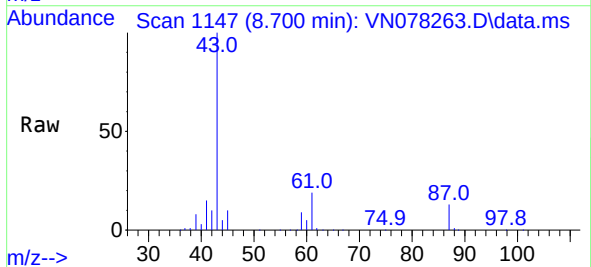
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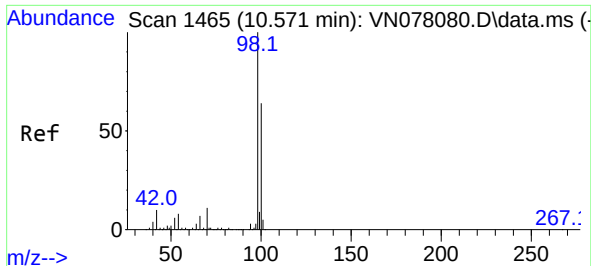
Tgt Ion: 43 Resp: 67169
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 11.7 11.3 16.9



#43
Isopropyl Acetate
Concen: 30.462 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078263.D
Acq: 16 Jun 2023 16:29

Tgt Ion: 43 Resp: 343375
Ion Ratio Lower Upper
43 100
61 17.9 24.7 37.1#
87 12.1 14.6 21.8#

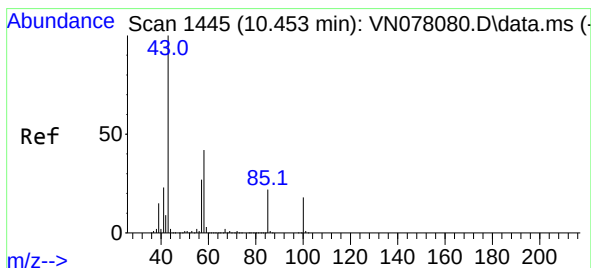
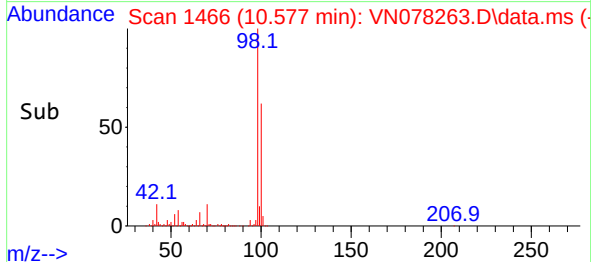
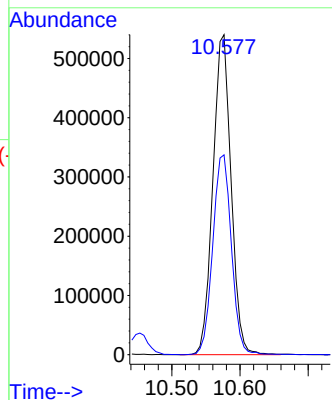
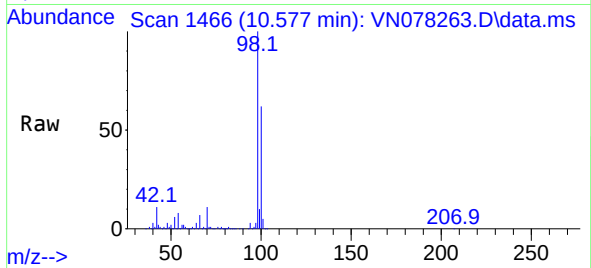




#50
Toluene-d8
Concen: 49.446 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078263.D
Acq: 16 Jun 2023 16:29

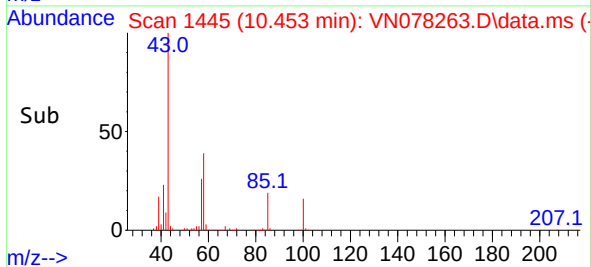
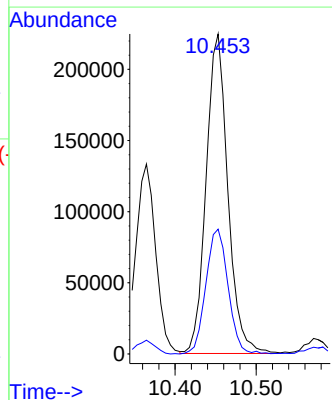
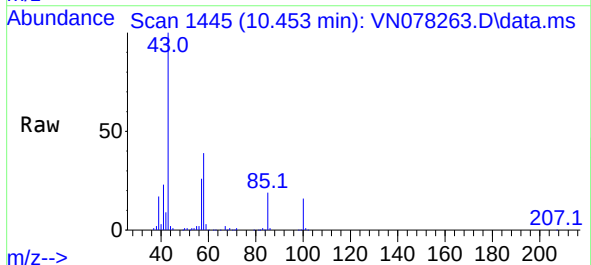
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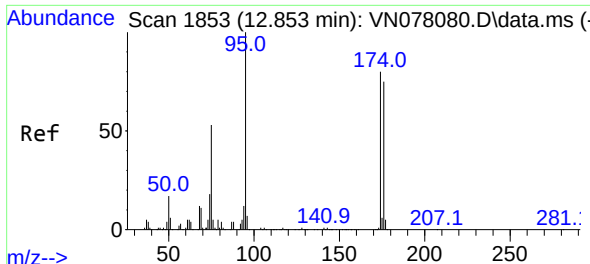
Tgt Ion: 98 Resp: 1002690
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 70.320 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078263.D
Acq: 16 Jun 2023 16:29

Tgt Ion: 43 Resp: 417414
Ion Ratio Lower Upper
43 100
58 40.0 36.6 54.8

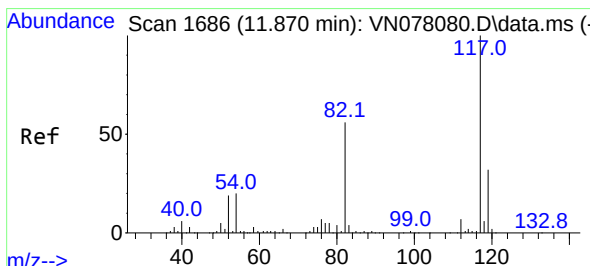
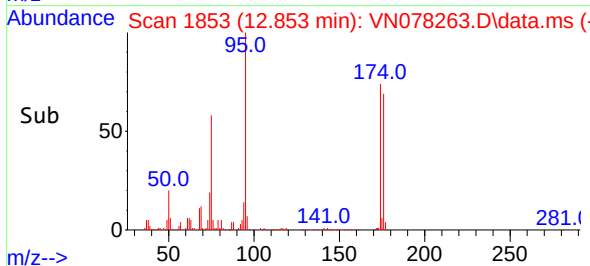
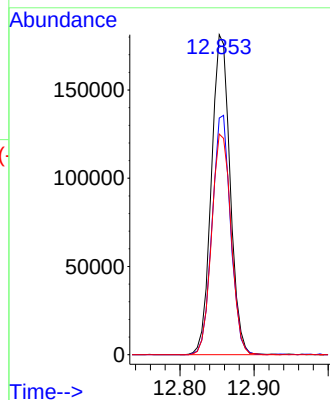
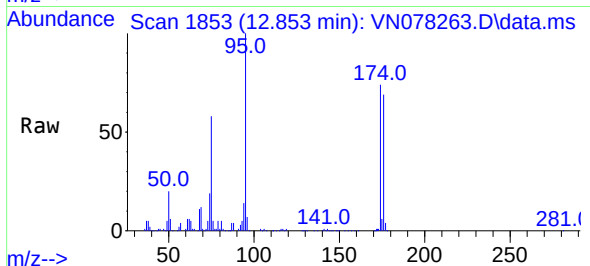




#62
4-Bromofluorobenzene
Concen: 50.378 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078263.D
Acq: 16 Jun 2023 16:29

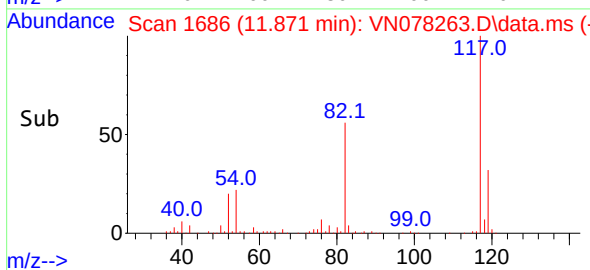
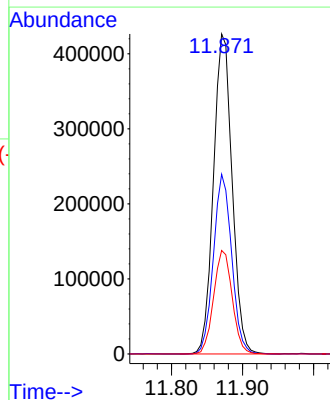
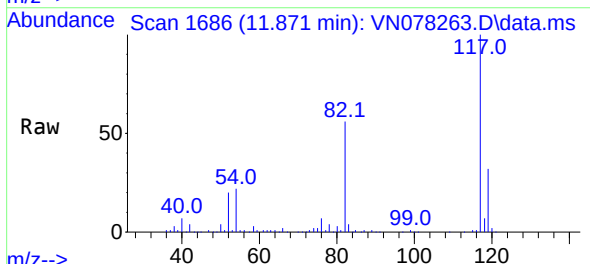
Instrument :
MSVOA_N
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WS-SOIL1-0615

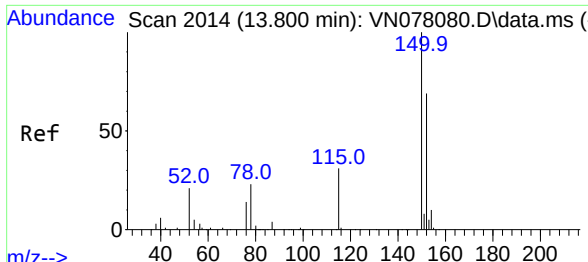
Tgt Ion: 95 Resp: 317586
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078263.D
Acq: 16 Jun 2023 16:29

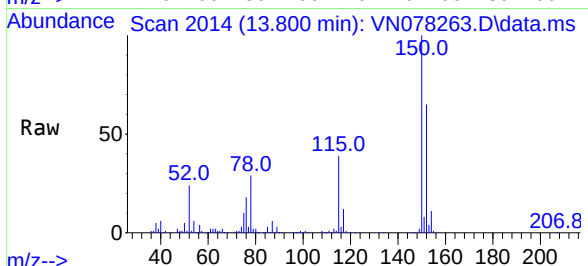
Tgt Ion: 117 Resp: 775593
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078263.D
 Acq: 16 Jun 2023 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 WS-SOIL1-0615



Tgt Ion:	152	Resp:	243602
Ion	Ratio	Lower	Upper
152	100		
115	60.6	32.3	96.8
150	156.6	0.0	355.8

