

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078265.D
 Acq On : 16 Jun 2023 17:17
 Operator : JC\MD
 Sample : 03262-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WS-SOIL3-0615

Quant Time: Jun 17 02:26:33 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)

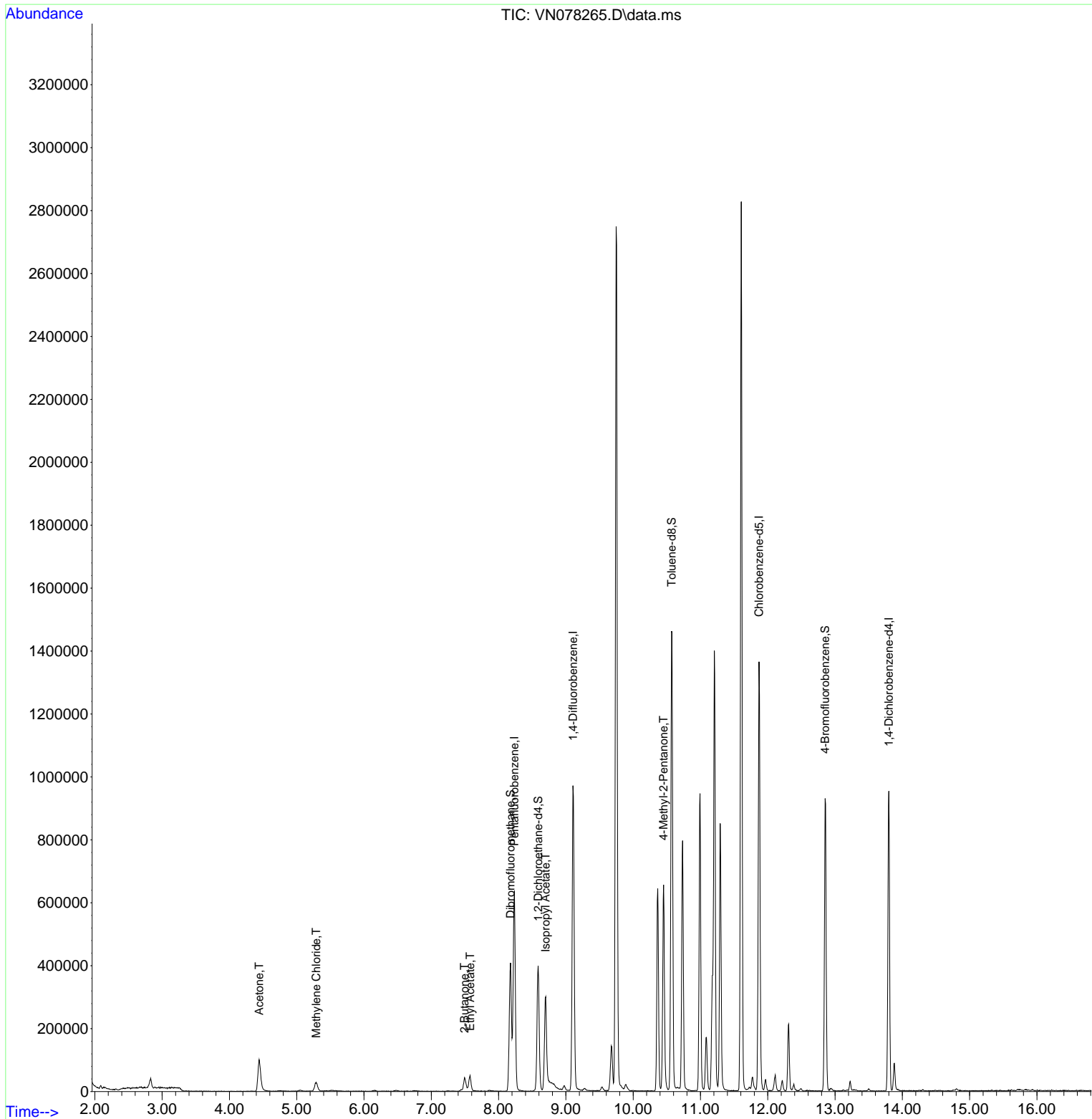
Internal Standards						
1) Pentafluorobenzene	8.235	168	445838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	850077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	803693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	258184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	326731	54.965	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.920%
35) Dibromofluoromethane	8.177	113	292150	54.354	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.700%
50) Toluene-d8	10.570	98	1040197	50.200	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.400%
62) 4-Bromofluorobenzene	12.853	95	329660	51.177	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.360%
Target Compounds						
						Qvalue
16) Acetone	4.441	43	181338	105.983	ug/l	96
20) Methylene Chloride	5.288	84	21727	3.843	ug/l #	86
25) 2-Butanone	7.494	43	65562	24.917	ug/l #	83
37) Ethyl Acetate	7.577	43	68981	11.453	ug/l #	86
43) Isopropyl Acetate	8.700	43	353733	30.710	ug/l #	79
51) 4-Methyl-2-Pentanone	10.453	43	433496	71.470	ug/l	90

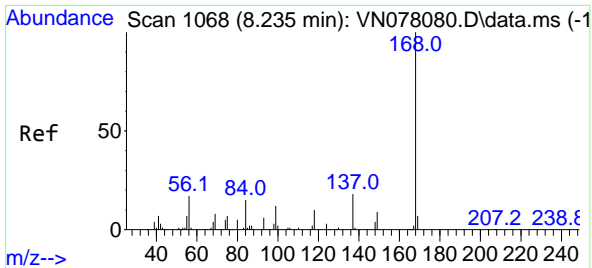
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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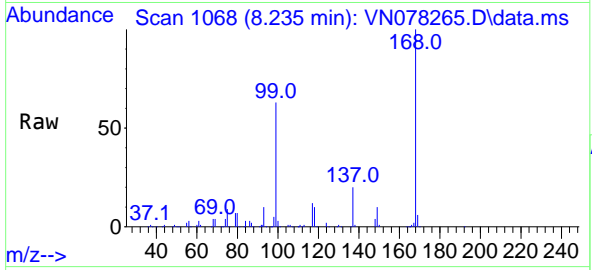
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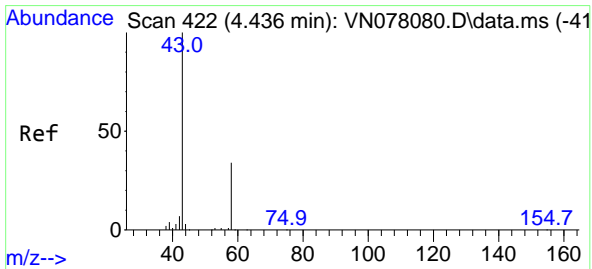
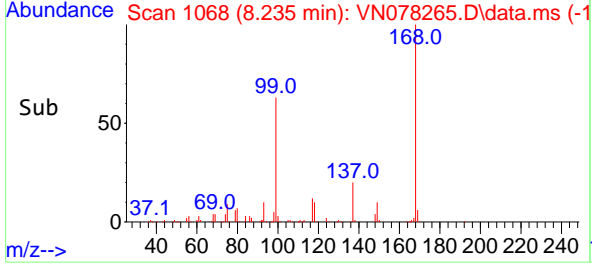
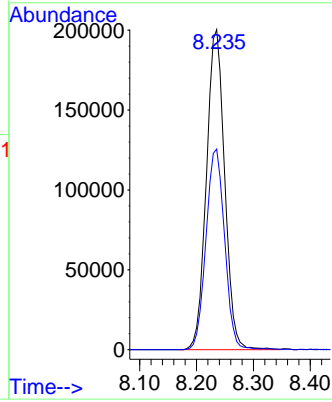


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.235 min Scan# 1068
 Delta R.T. 0.000 min
 Lab File: VN078265.D
 Acq: 16 Jun 2023 17:17

Instrument : MSVOA_N
 ClientSampleId : WS-SOIL3-0615

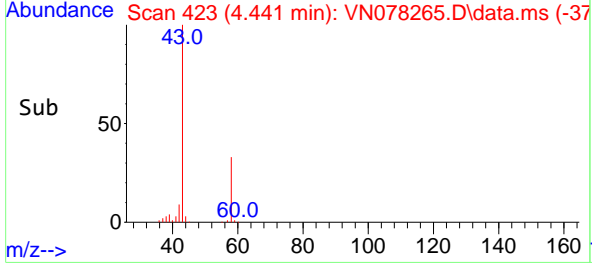
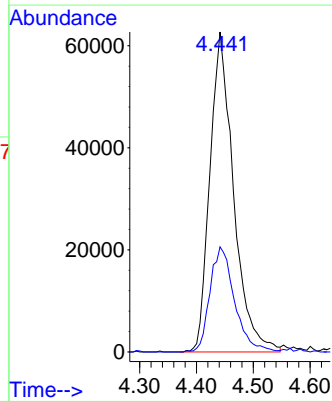
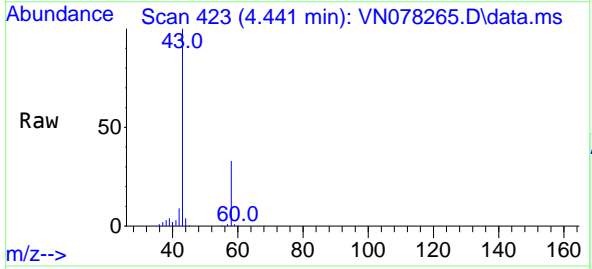


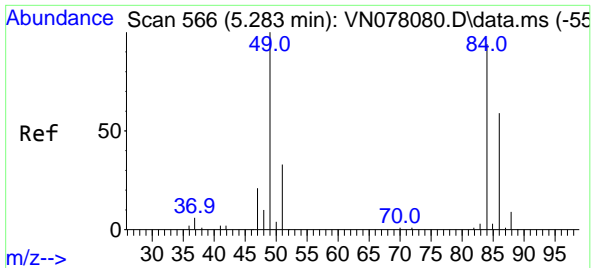
Tgt Ion:168 Resp: 445838
 Ion Ratio Lower Upper
 168 100
 99 62.7 53.0 79.6



#16
 Acetone
 Concen: 105.983 ug/l
 RT: 4.441 min Scan# 423
 Delta R.T. 0.006 min
 Lab File: VN078265.D
 Acq: 16 Jun 2023 17:17

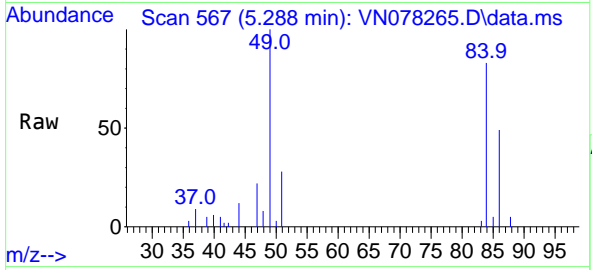
Tgt Ion: 43 Resp: 181338
 Ion Ratio Lower Upper
 43 100
 58 32.9 28.0 42.0





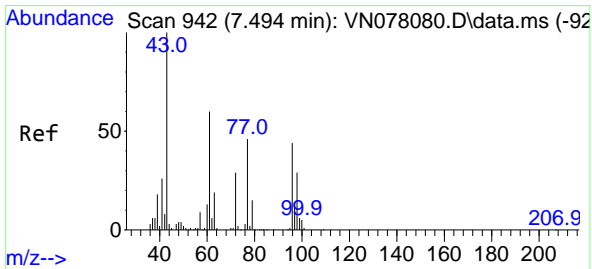
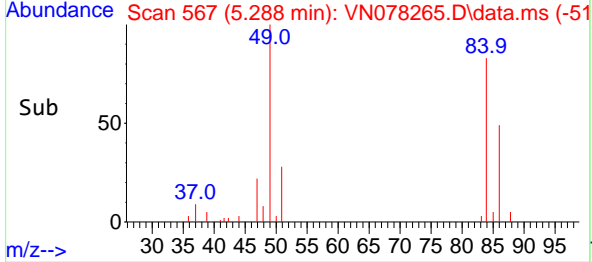
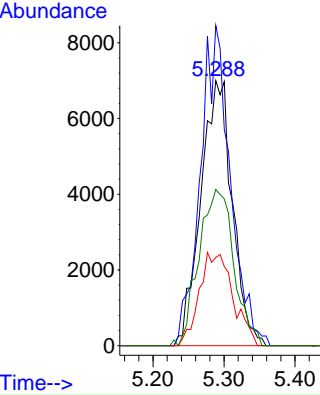
#20
 Methylene Chloride
 Concen: 3.843 ug/l
 RT: 5.288 min Scan# 50
 Delta R.T. 0.006 min
 Lab File: VN078265.D
 Acq: 16 Jun 2023 17:17

Instrument : MSVOA_N
 ClientSampleId : WS-SOIL3-0615



Tgt Ion: 84 Resp: 21727

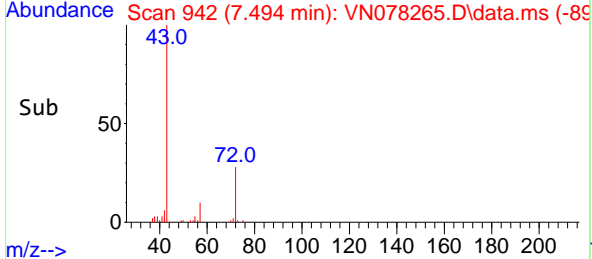
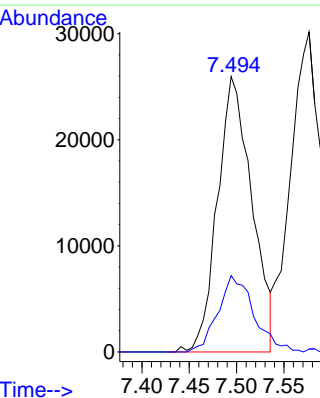
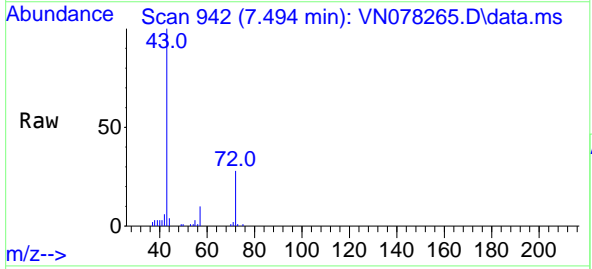
Ion	Ratio	Lower	Upper
84	100		
49	120.8	79.7	119.5#
51	33.3	25.2	37.8
86	59.0	53.3	79.9

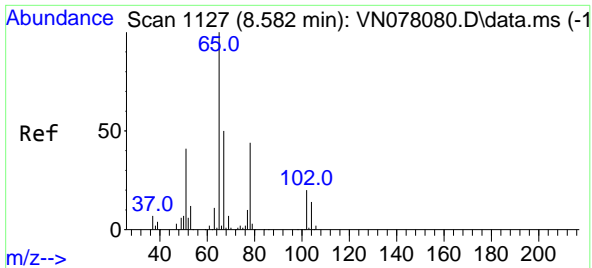


#25
 2-Butanone
 Concen: 24.917 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN078265.D
 Acq: 16 Jun 2023 17:17

Tgt Ion: 43 Resp: 65562

Ion	Ratio	Lower	Upper
43	100		
72	27.7	30.2	45.2#

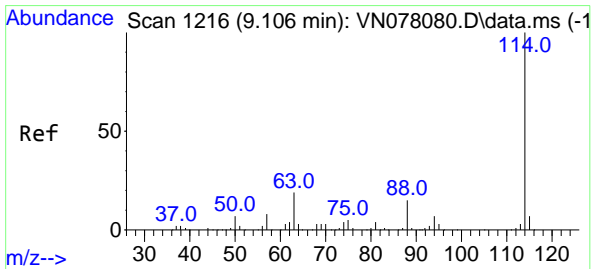
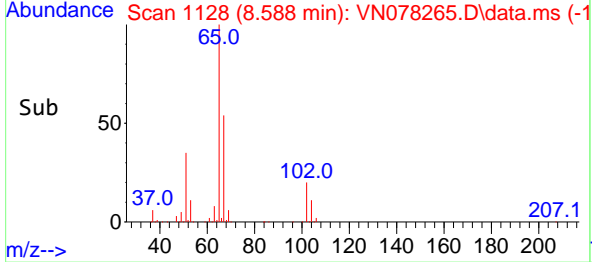
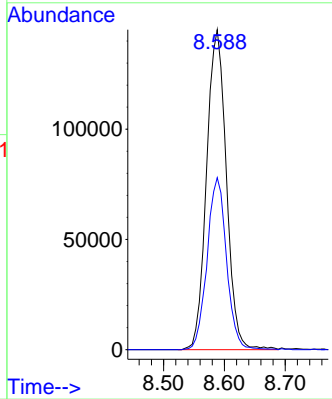
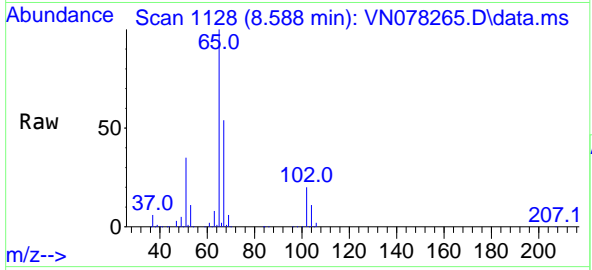




#33
 1,2-Dichloroethane-d4
 Concen: 54.965 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN078265.D
 Acq: 16 Jun 2023 17:17

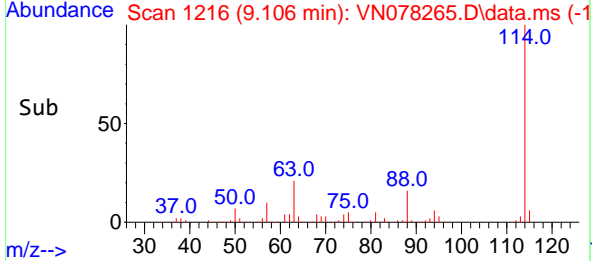
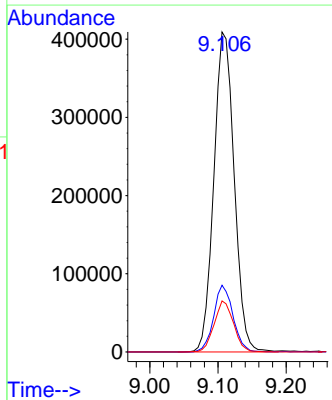
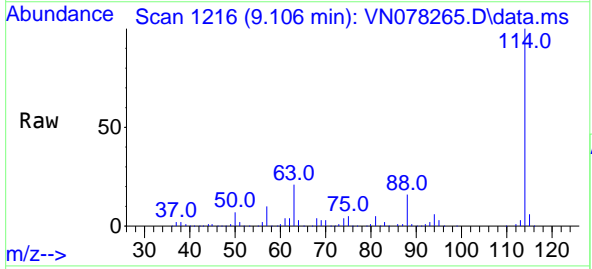
Instrument : MSVOA_N
 ClientSampleId : WS-SOIL3-0615

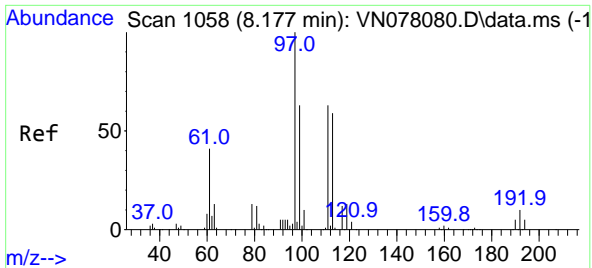
Tgt Ion: 65 Resp: 326731
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN078265.D
 Acq: 16 Jun 2023 17:17

Tgt Ion: 114 Resp: 850077
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 36.4
 88 16.0 0.0 30.6



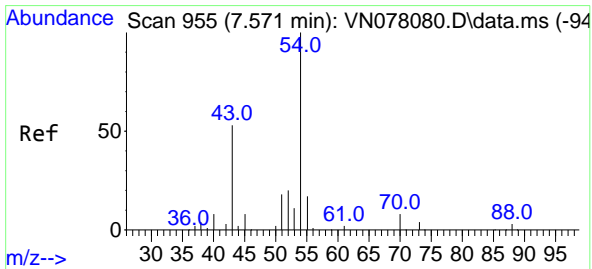
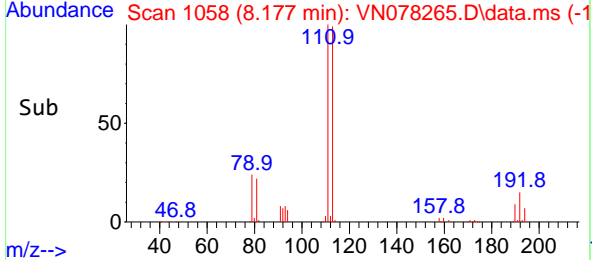
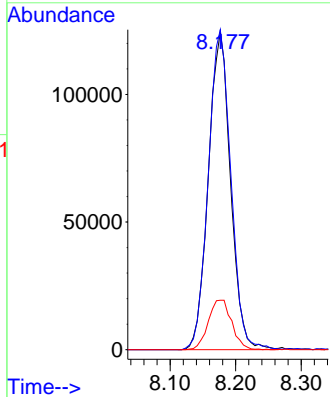
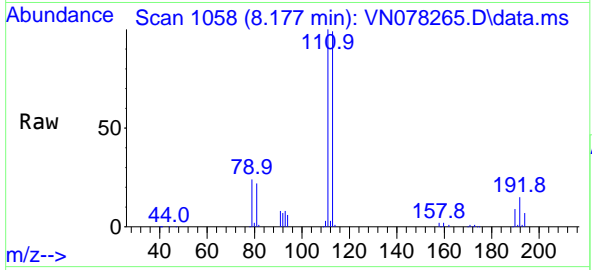


#35
 Dibromofluoromethane
 Concen: 54.354 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VN078265.D
 Acq: 16 Jun 2023 17:17

Instrument : MSVOA_N
 ClientSampleId : WS-SOIL3-0615

Tgt Ion:113 Resp: 292150

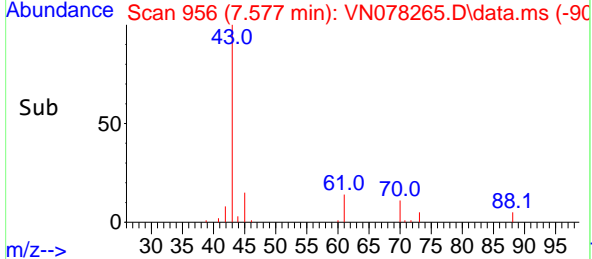
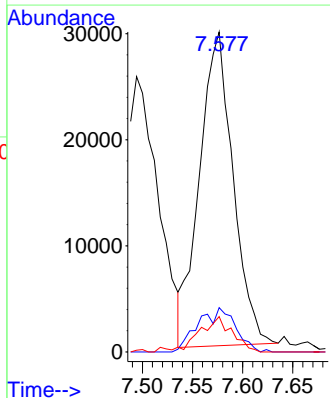
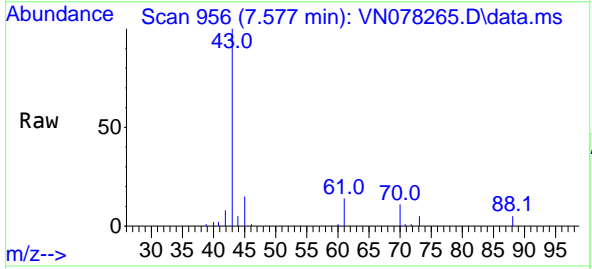
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	16.5	12.7	19.1

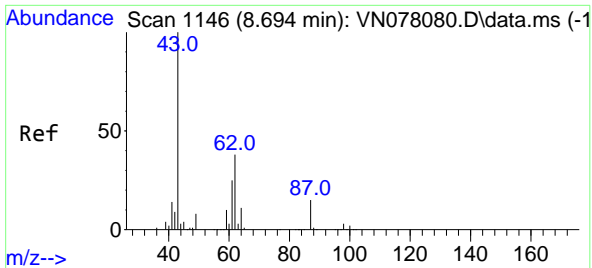


#37
 Ethyl Acetate
 Concen: 11.453 ug/l
 RT: 7.577 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VN078265.D
 Acq: 16 Jun 2023 17:17

Tgt Ion: 43 Resp: 68981

Ion	Ratio	Lower	Upper
43	100		
61	8.2	13.2	19.8#
70	10.7	11.3	16.9#



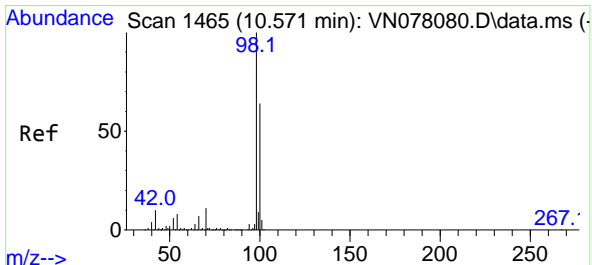
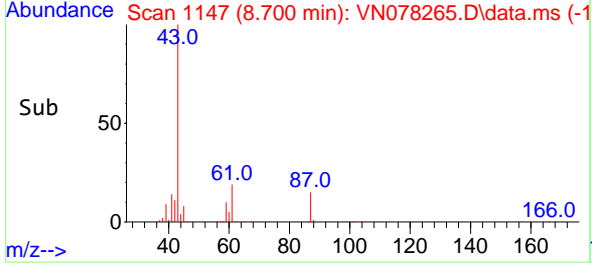
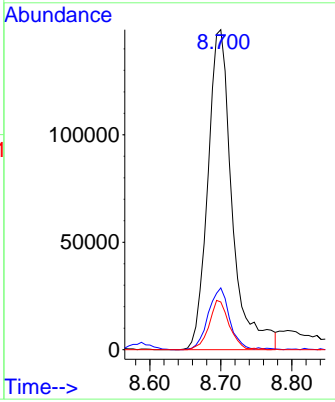
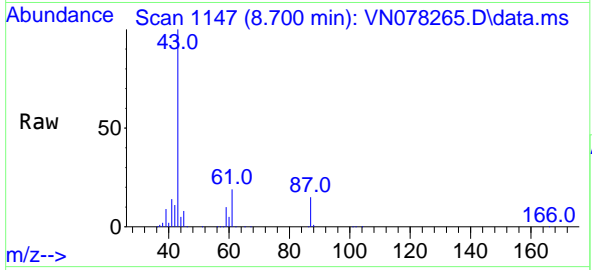


#43
 Isopropyl Acetate
 Concen: 30.710 ug/l
 RT: 8.700 min Scan# 1146
 Delta R.T. 0.006 min
 Lab File: VN078265.D
 Acq: 16 Jun 2023 17:17

Instrument : MSVOA_N
 ClientSampleId : WS-SOIL3-0615

Tgt Ion: 43 Resp: 353733

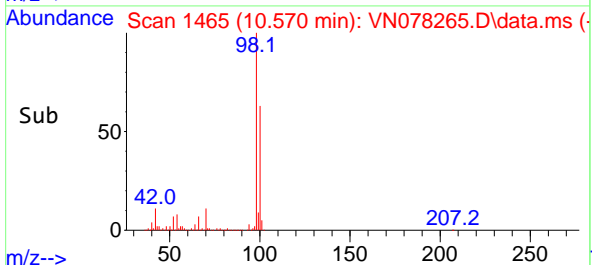
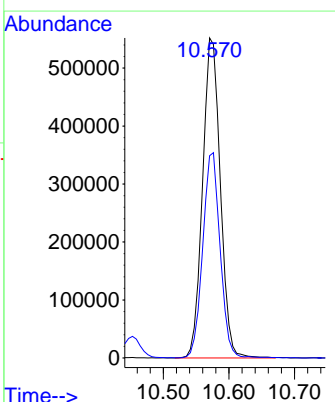
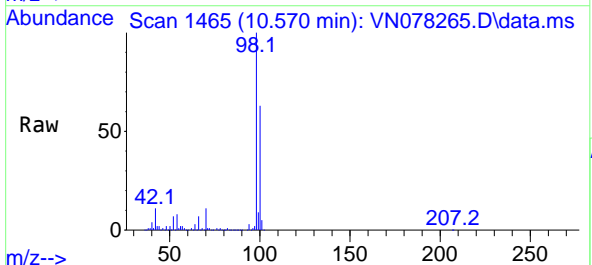
Ion	Ratio	Lower	Upper
43	100		
61	16.9	24.7	37.1#
87	12.8	14.6	21.8#

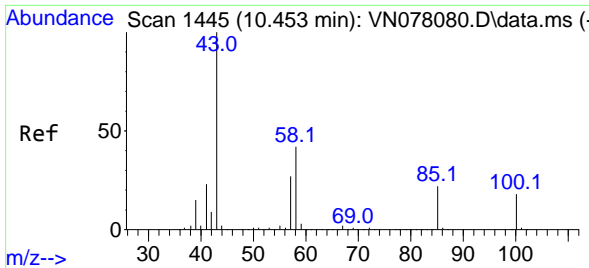


#50
 Toluene-d8
 Concen: 50.200 ug/l
 RT: 10.570 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: VN078265.D
 Acq: 16 Jun 2023 17:17

Tgt Ion: 98 Resp: 1040197

Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.0	78.0

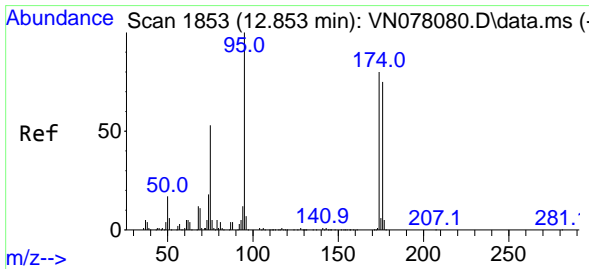
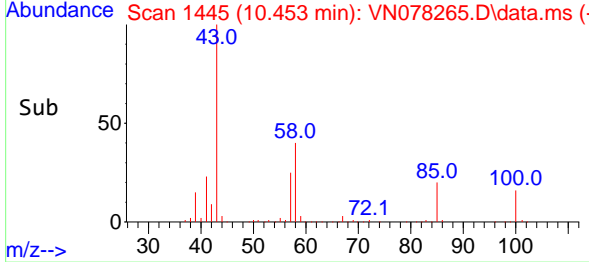
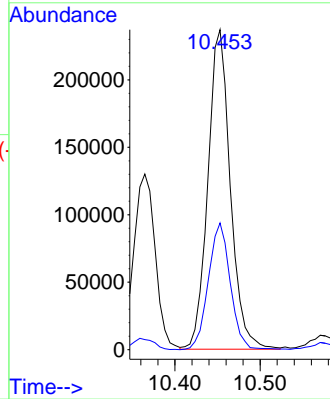
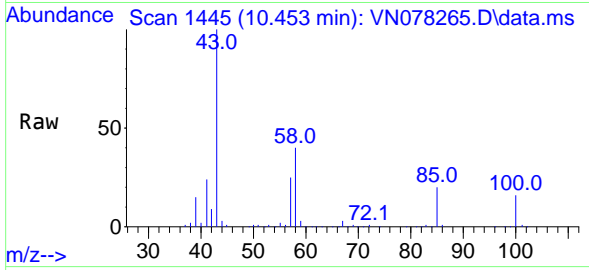




#51
 4-Methyl-2-Pentanone
 Concen: 71.470 ug/l
 RT: 10.453 min Scan# 1445
 Delta R.T. -0.000 min
 Lab File: VN078265.D
 Acq: 16 Jun 2023 17:17

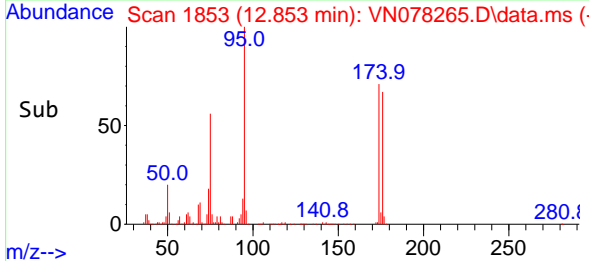
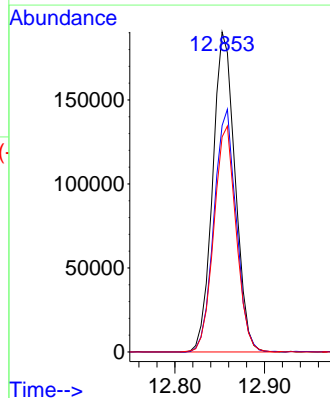
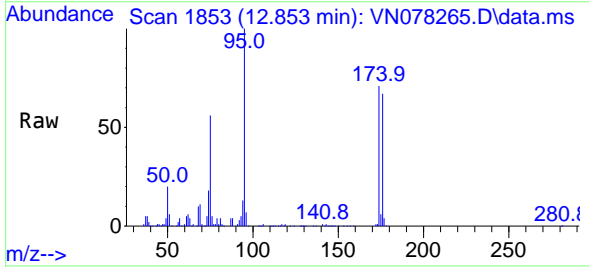
Instrument : MSVOA_N
 ClientSampleId : WS-SOIL3-0615

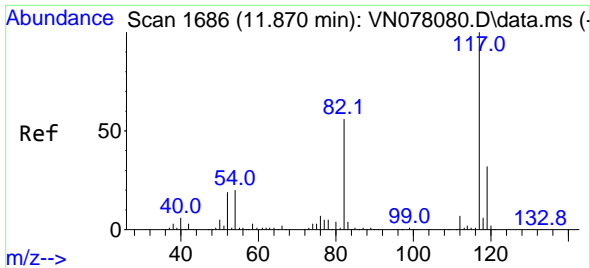
Tgt Ion: 43 Resp: 433496
 Ion Ratio Lower Upper
 43 100
 58 38.8 36.6 54.8



#62
 4-Bromofluorobenzene
 Concen: 51.177 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN078265.D
 Acq: 16 Jun 2023 17:17

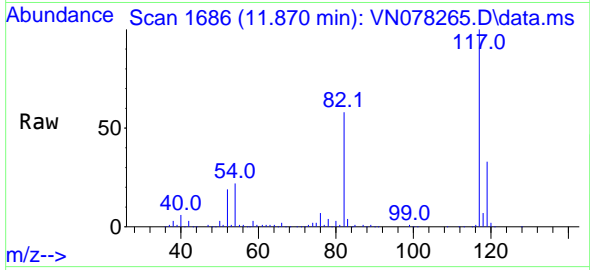
Tgt Ion: 95 Resp: 329660
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 143.8
 176 70.3 0.0 135.8



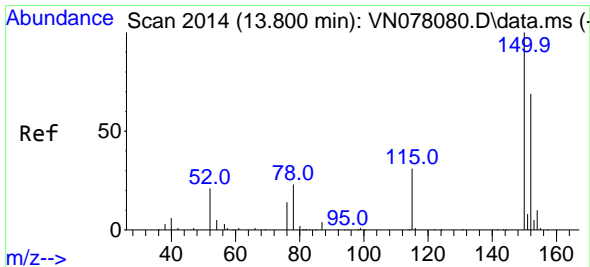
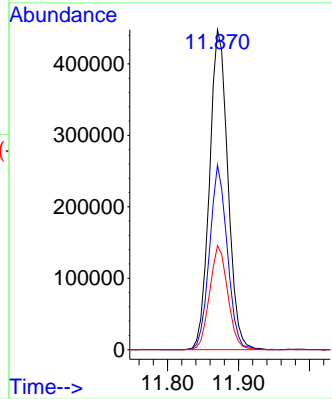
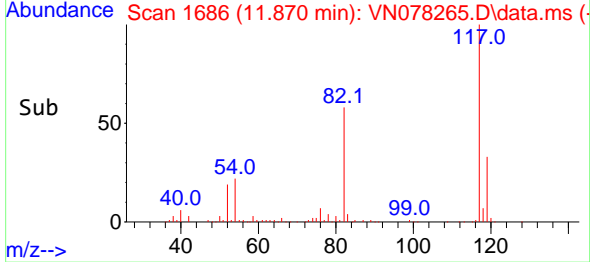


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN078265.D
 Acq: 16 Jun 2023 17:17

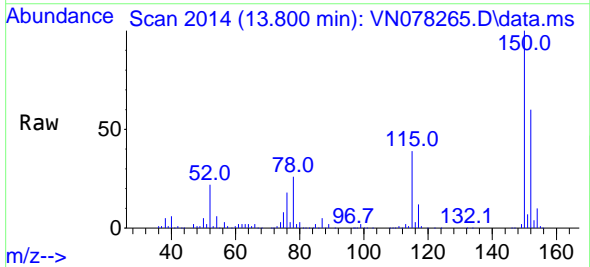
Instrument : MSVOA_N
 ClientSampleId : WS-SOIL3-0615



Tgt Ion:117 Resp: 803693
 Ion Ratio Lower Upper
 117 100
 82 57.7 44.0 66.0
 119 32.5 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: VN078265.D
 Acq: 16 Jun 2023 17:17



Tgt Ion:152 Resp: 258184
 Ion Ratio Lower Upper
 152 100
 115 61.3 32.3 96.8
 150 157.6 0.0 355.8

