

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078358.D
 Acq On : 22 Jun 2023 18:28
 Operator : JC\MD
 Sample : 03361-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-VOC-SB-23-GRAB-5

Quant Time: Jun 23 08:03:57 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)

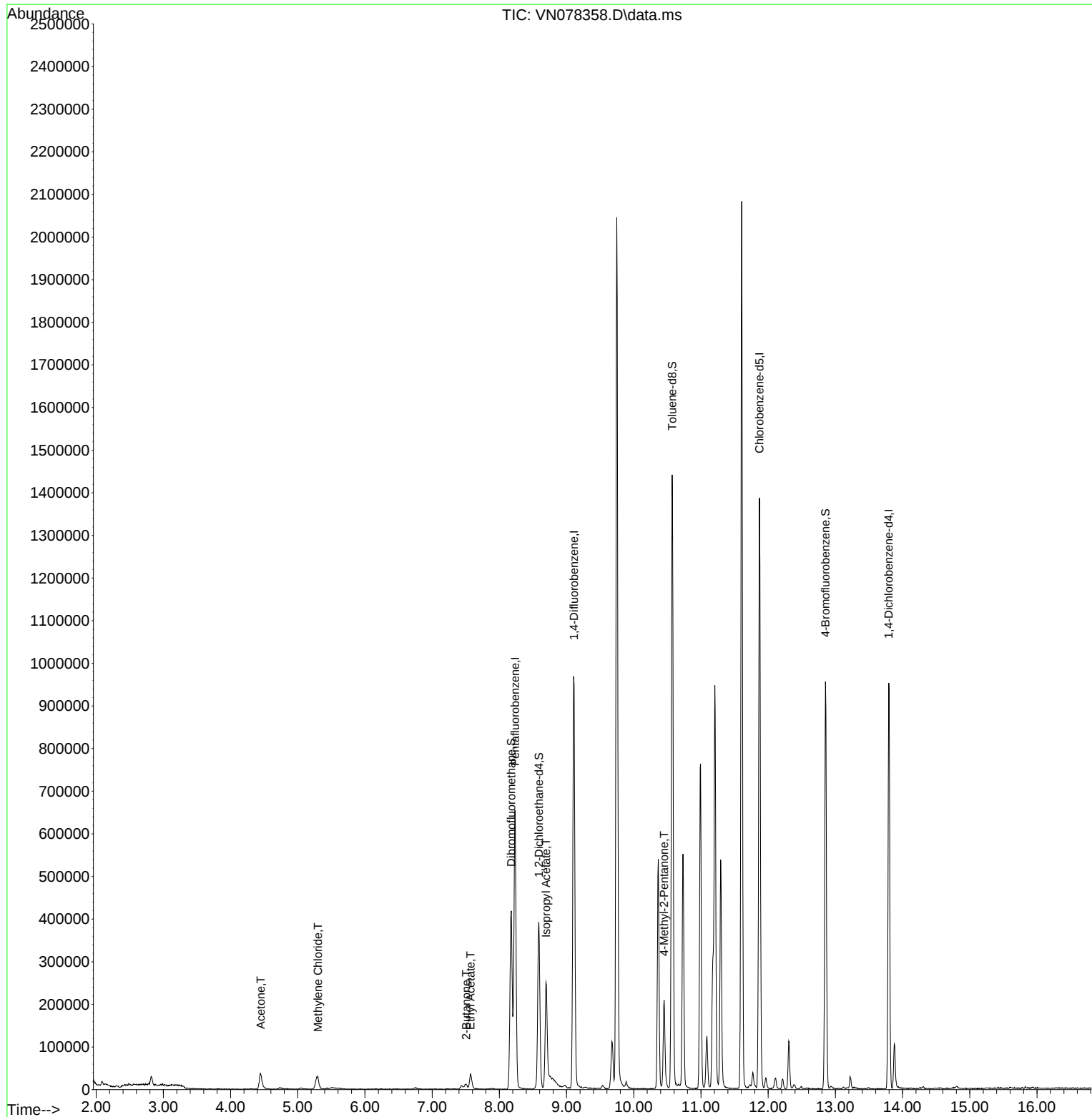
Internal Standards						
1) Pentafluorobenzene	8.235	168	467755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	873905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	813702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	263717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	326452	52.345	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.680%	
35) Dibromofluoromethane	8.177	113	304900	55.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.360%	
50) Toluene-d8	10.571	98	1039660	48.806	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	12.853	95	335216	50.620	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.240%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	65561	36.522	ug/l	98
20) Methylene Chloride	5.300	84	24114	4.065	ug/l	93
25) 2-Butanone	7.506	43	18122	6.565	ug/l #	81
37) Ethyl Acetate	7.571	43	51777	8.362	ug/l	98
43) Isopropyl Acetate	8.694	43	279540	23.607	ug/l #	82
51) 4-Methyl-2-Pentanone	10.453	43	143935	23.083	ug/l	88

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

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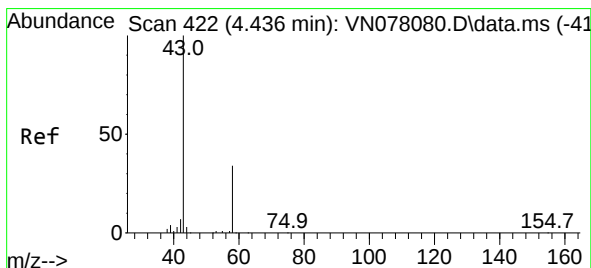
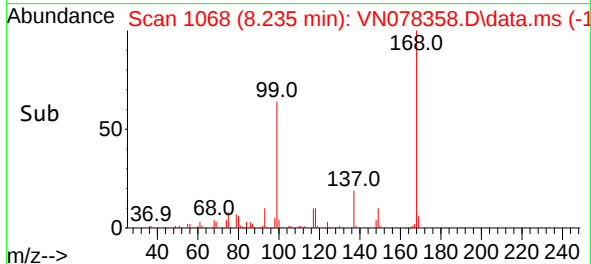
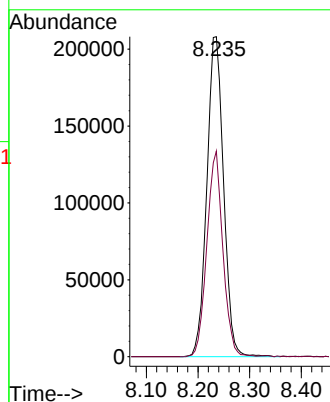
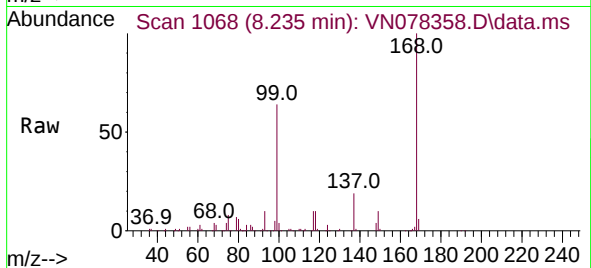




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078358.D
Acq: 22 Jun 2023 18:28

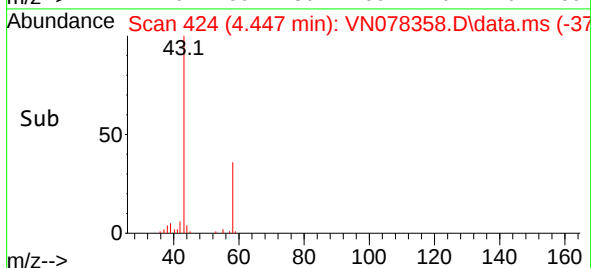
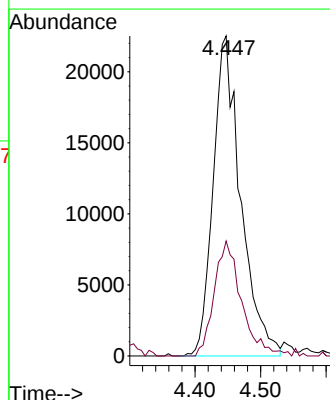
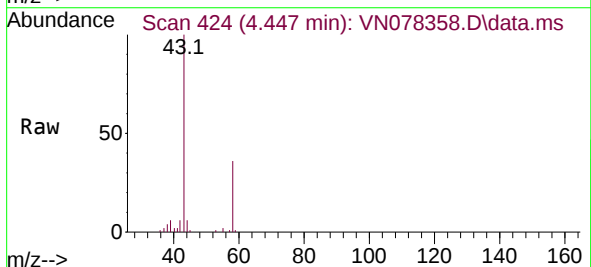
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-SB-23-GRAB-5

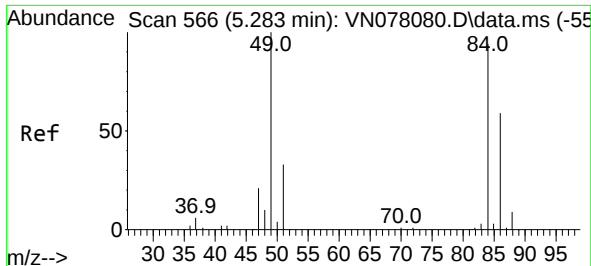
Tgt Ion:168 Resp: 467755
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6



#16
Acetone
Concen: 36.522 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078358.D
Acq: 22 Jun 2023 18:28

Tgt Ion: 43 Resp: 65561
Ion Ratio Lower Upper
43 100
58 35.9 28.0 42.0

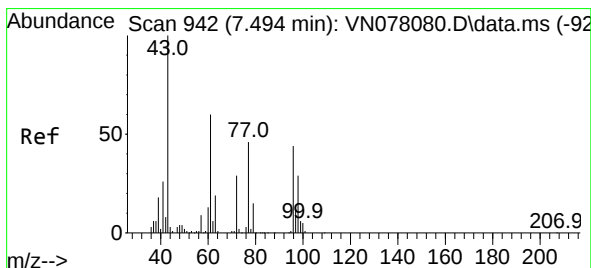
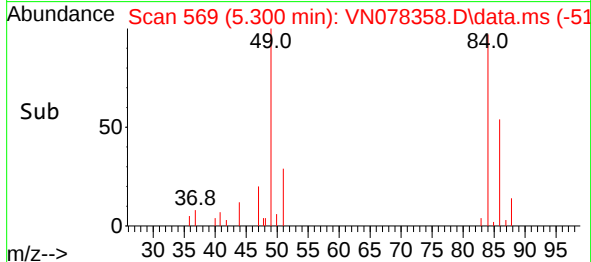
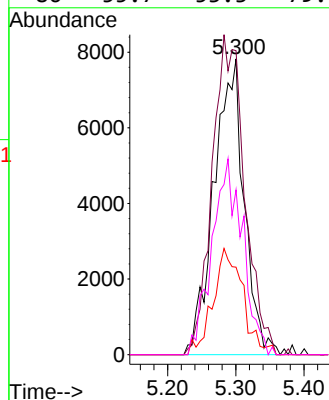
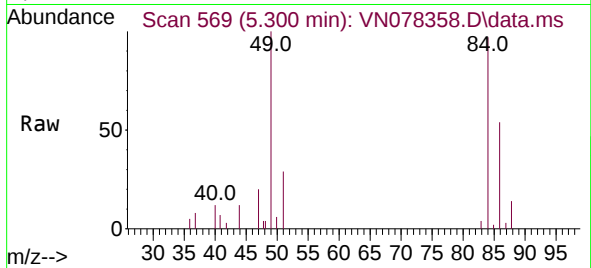




#20
Methylene Chloride
Concen: 4.065 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN078358.D
Acq: 22 Jun 2023 18:28

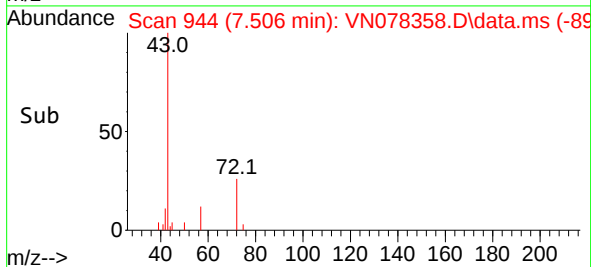
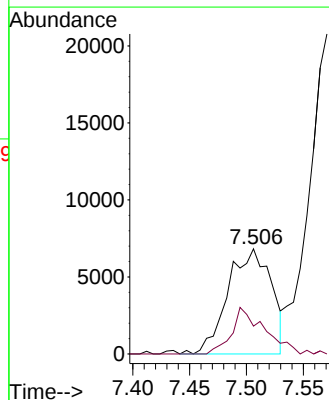
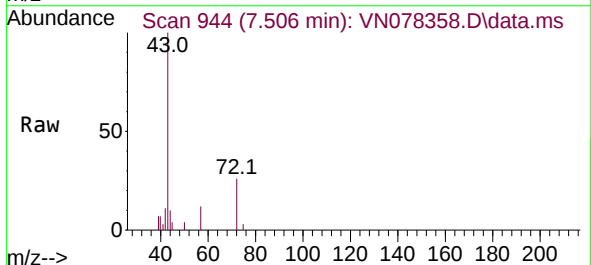
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-SB-23-GRAB-5

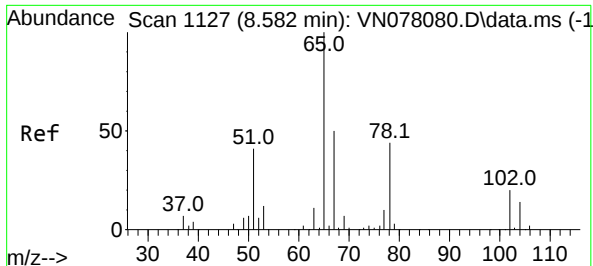
Tgt Ion: 84	Resp: 24114
Ion Ratio	Lower Upper
84 100	
49 102.8	79.7 119.5
51 29.6	25.2 37.8
86 55.7	53.3 79.9



#25
2-Butanone
Concen: 6.565 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078358.D
Acq: 22 Jun 2023 18:28

Tgt Ion: 43	Resp: 18122
Ion Ratio	Lower Upper
43 100	
72 26.4	30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 52.345 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078358.D

Acq: 22 Jun 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

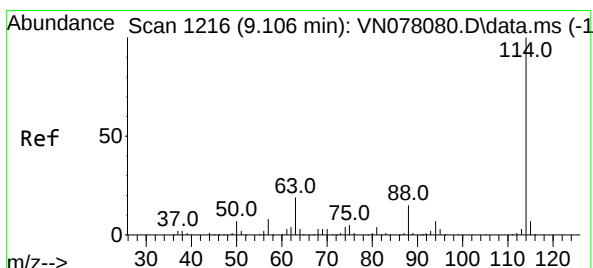
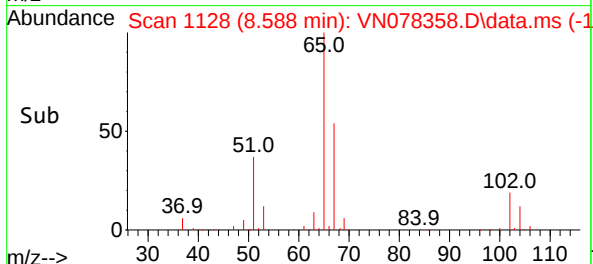
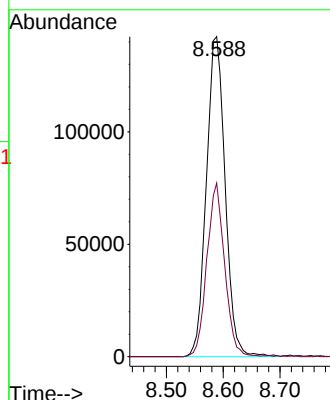
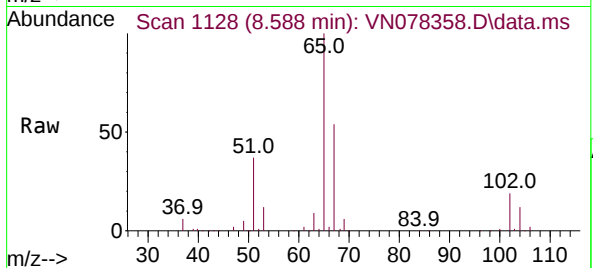
TCLP-VOC-SB-23-GRAB-5

Tgt Ion: 65 Resp: 326452

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078358.D

Acq: 22 Jun 2023 18:28

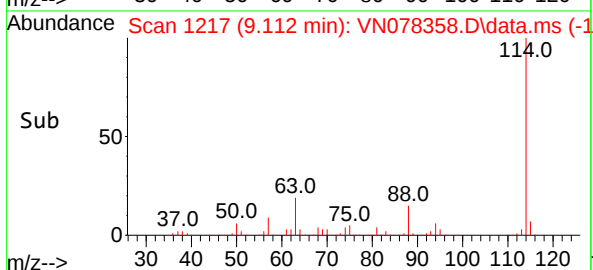
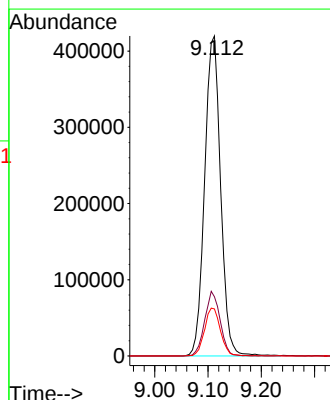
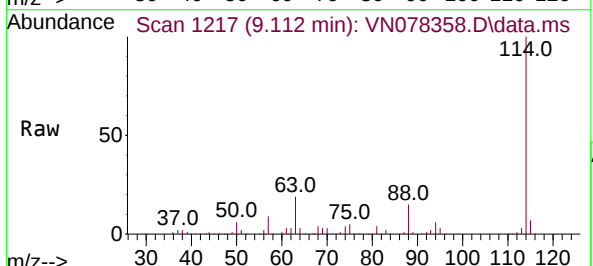
Tgt Ion: 114 Resp: 873905

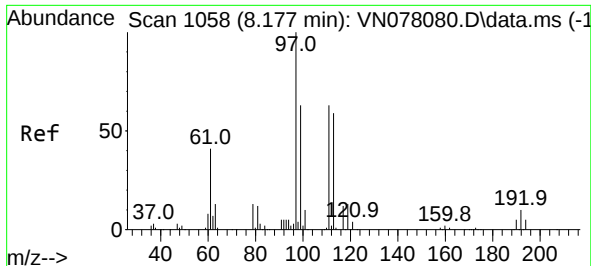
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

88 14.7 0.0 30.6

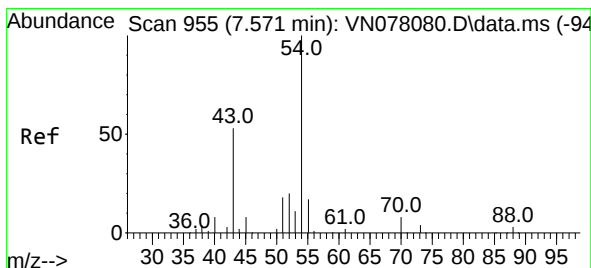
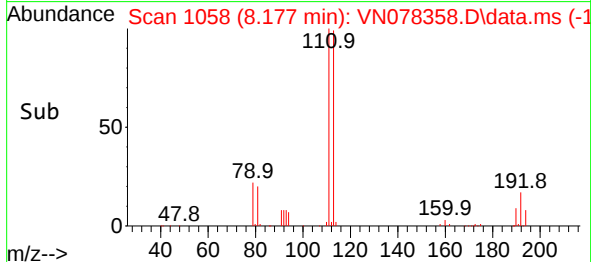
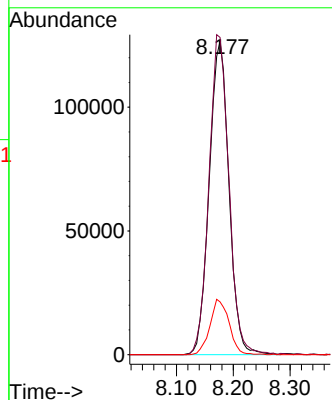
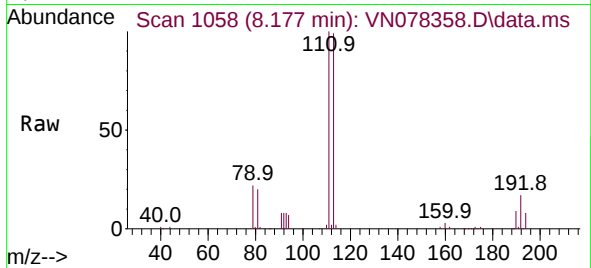




#35
Dibromofluoromethane
Concen: 55.180 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078358.D
Acq: 22 Jun 2023 18:28

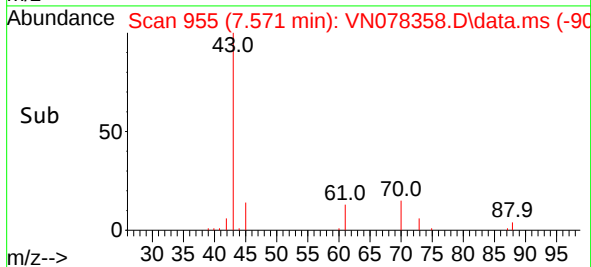
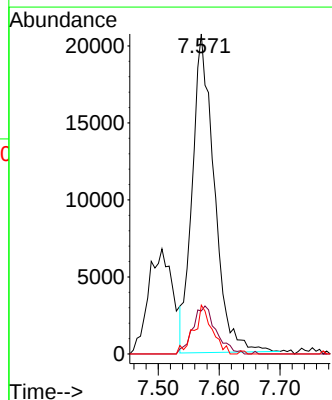
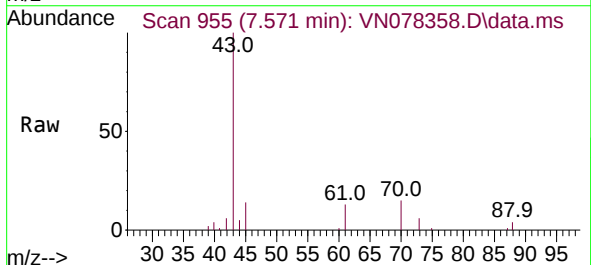
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-SB-23-GRAB-5

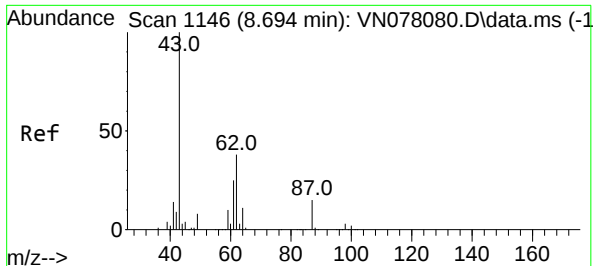
Tgt Ion:113 Resp: 304900
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 17.1 12.7 19.1



#37
Ethyl Acetate
Concen: 8.362 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078358.D
Acq: 22 Jun 2023 18:28

Tgt Ion: 43 Resp: 51777
Ion Ratio Lower Upper
43 100
61 16.0 13.2 19.8
70 12.6 11.3 16.9

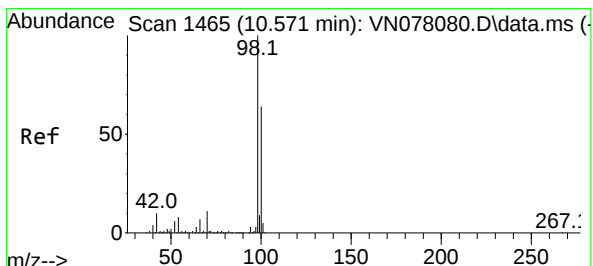
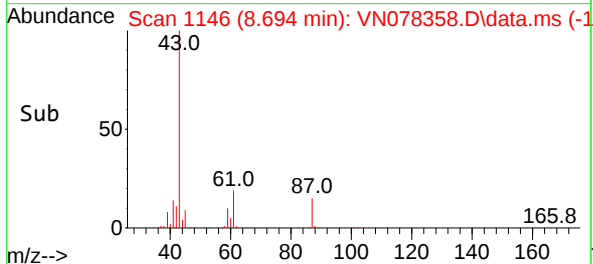
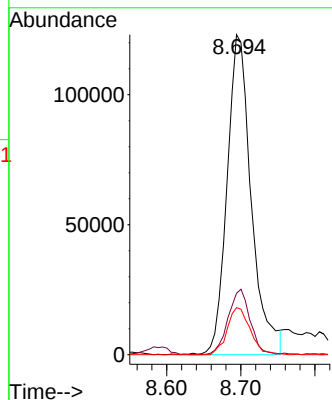
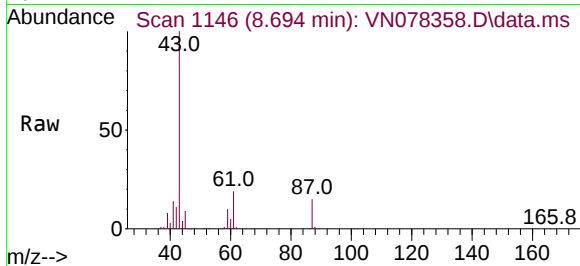




#43
Isopropyl Acetate
Concen: 23.607 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078358.D
Acq: 22 Jun 2023 18:28

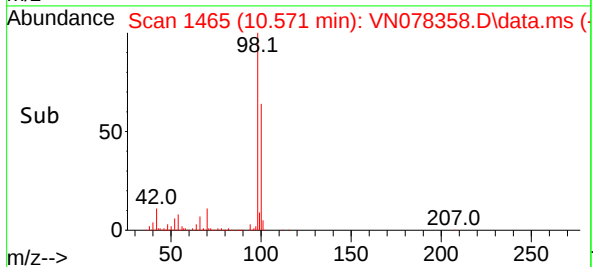
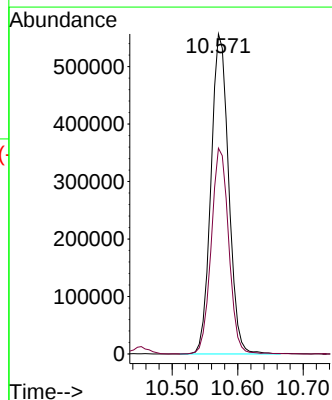
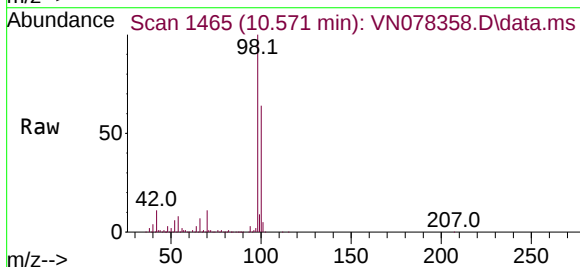
Instrument : MSVOA_N
ClientSampleId : TCLP-VOC-SB-23-GRAB-5

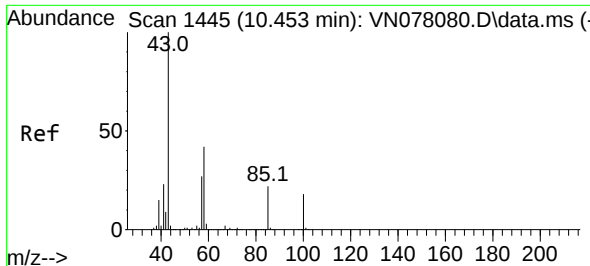
Tgt Ion: 43 Resp: 279540
Ion Ratio Lower Upper
43 100
61 18.7 24.7 37.1#
87 13.9 14.6 21.8#



#50
Toluene-d8
Concen: 48.806 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078358.D
Acq: 22 Jun 2023 18:28

Tgt Ion: 98 Resp: 1039660
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

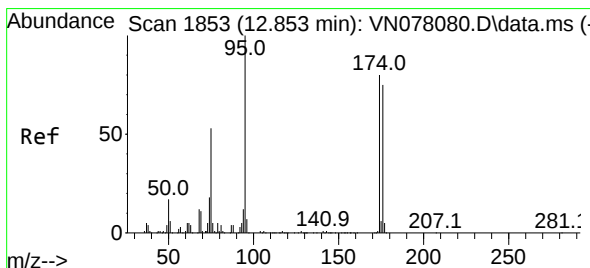
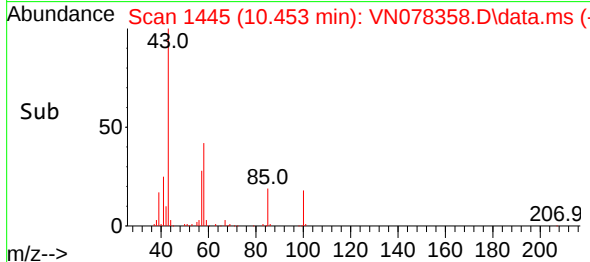
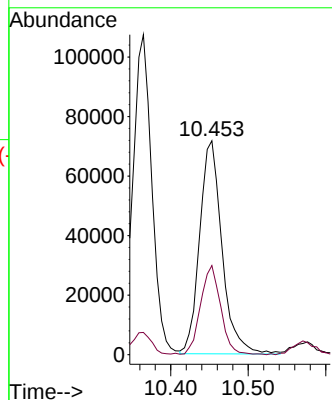
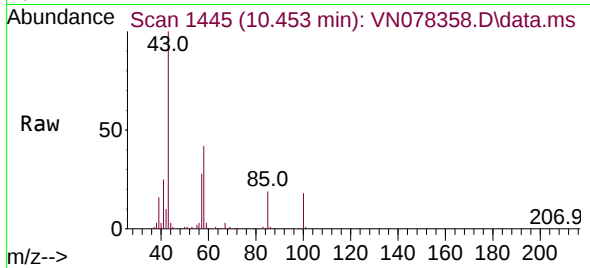




#51
4-Methyl-2-Pentanone
Concen: 23.083 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078358.D
Acq: 22 Jun 2023 18:28

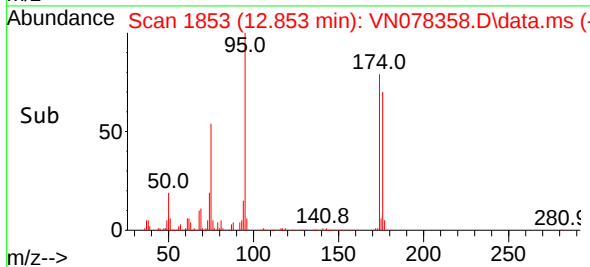
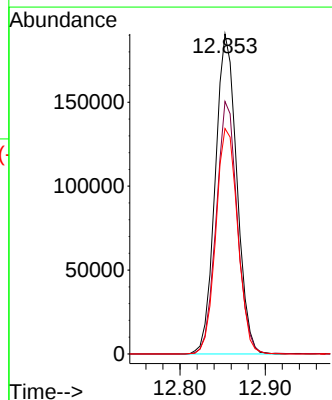
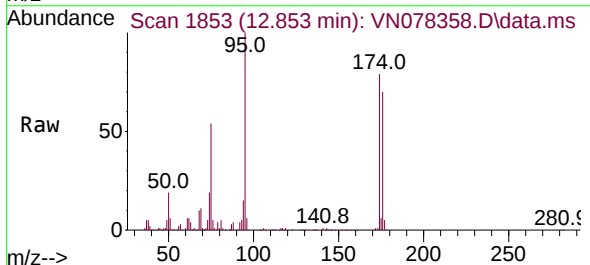
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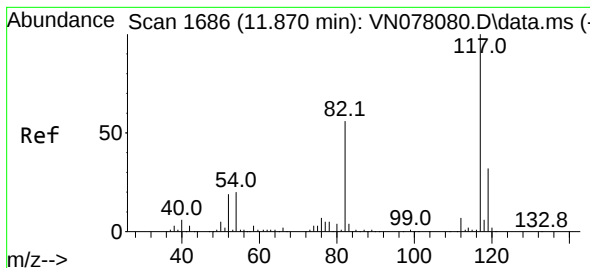
Tgt Ion: 43 Resp: 143935
Ion Ratio Lower Upper
43 100
58 37.5 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 50.620 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078358.D
Acq: 22 Jun 2023 18:28

Tgt Ion: 95 Resp: 335216
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 71.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078358.D

Acq: 22 Jun 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

TCLP-VOC-SB-23-GRAB-5

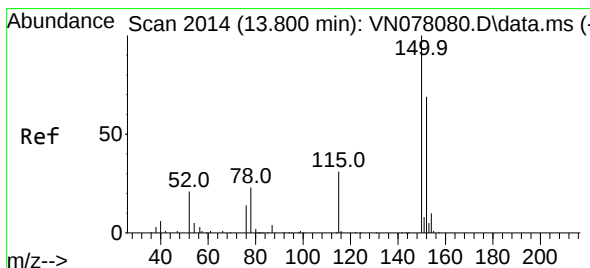
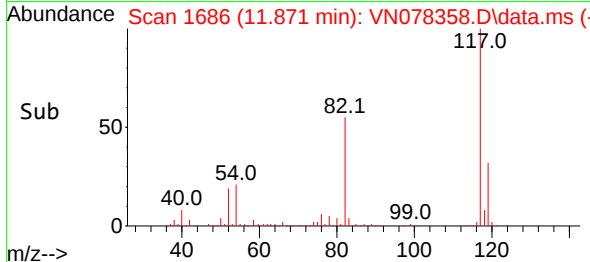
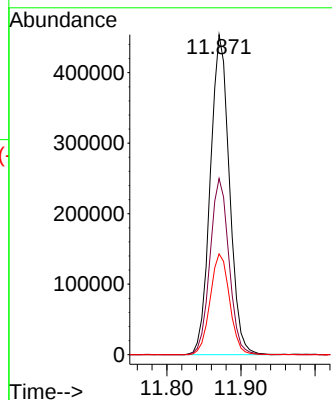
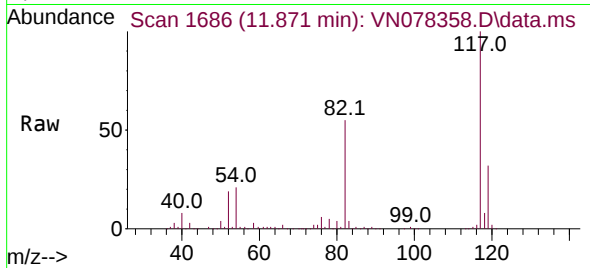
Tgt Ion:117 Resp: 813702

Ion Ratio Lower Upper

117 100

82 55.1 44.0 66.0

119 31.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078358.D

Acq: 22 Jun 2023 18:28

Tgt Ion:152 Resp: 263717

Ion Ratio Lower Upper

152 100

115 60.4 32.3 96.8

150 155.9 0.0 355.8

