

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076246.D
 Acq On : 13 Jan 2023 14:15
 Operator : JC\MD
 Sample : 01133-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-VOC

Quant Time: Jan 16 01:08:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

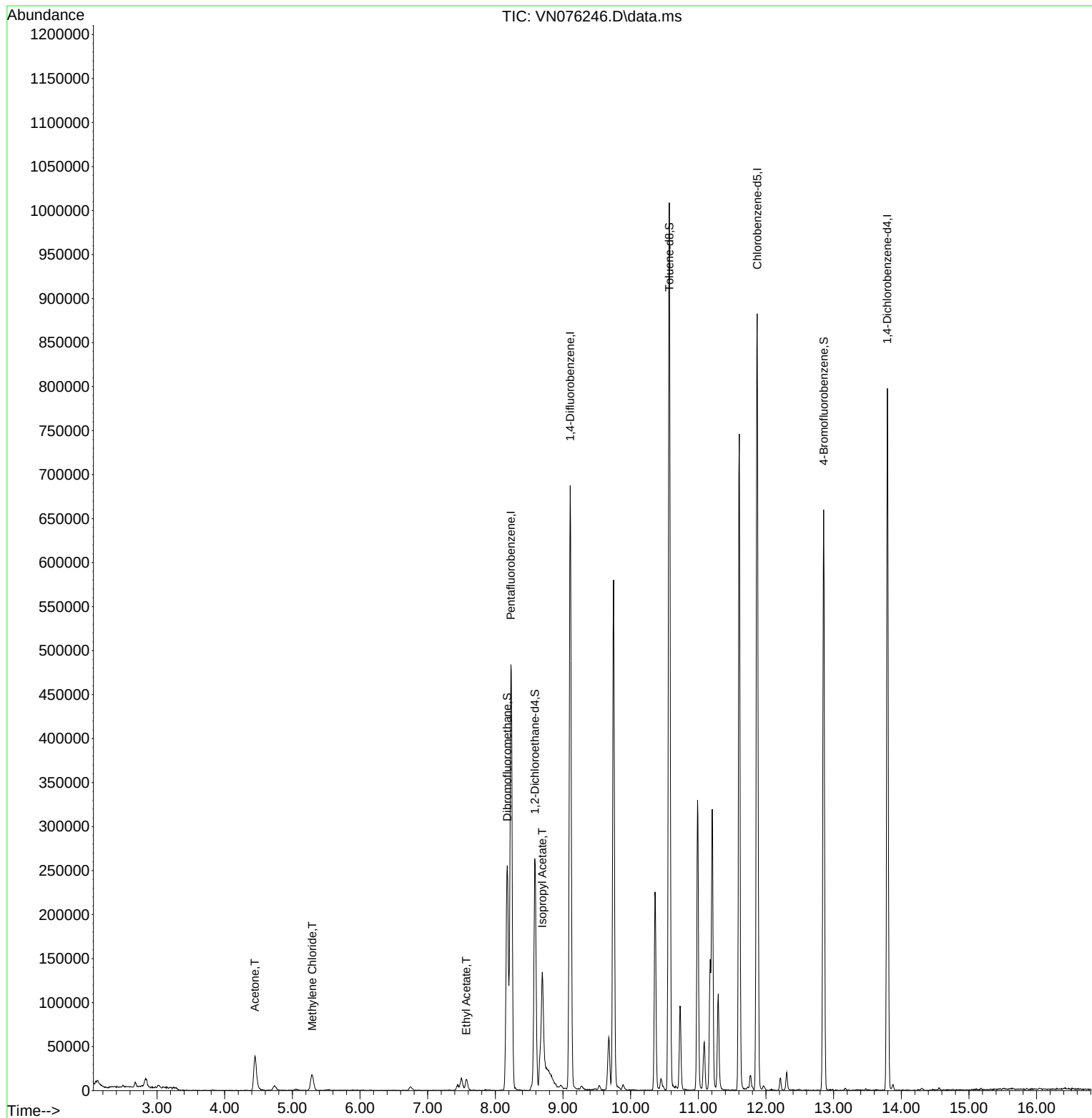
Internal Standards						
1) Pentafluorobenzene	8.230	168	378288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	622164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	537305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	210805	51.223	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.440%
35) Dibromofluoromethane	8.177	113	184800	47.963	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	10.571	98	721063	50.054	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.853	95	217917	45.672	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.340%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	75585	53.279	ug/l	91
20) Methylene Chloride	5.294	84	14587	3.245	ug/l	94
37) Ethyl Acetate	7.571	43	18278	4.446	ug/l	97
43) Isopropyl Acetate	8.694	43	172408	25.422	ug/l #	75

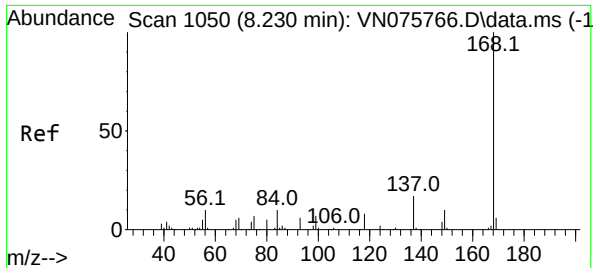
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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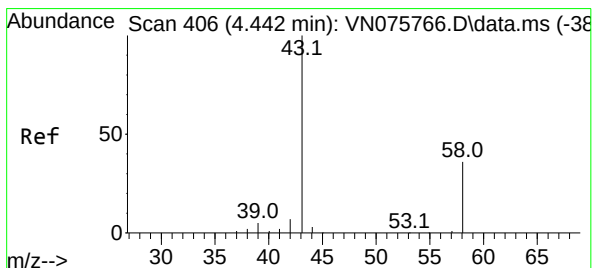
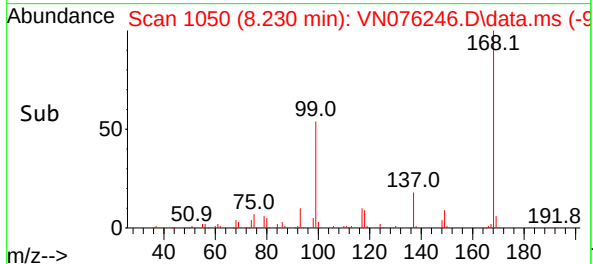
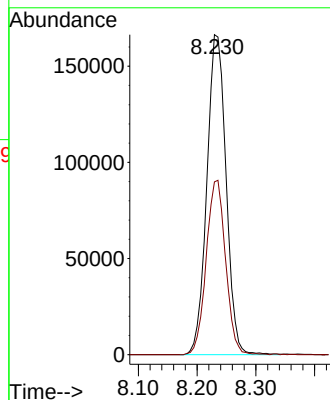
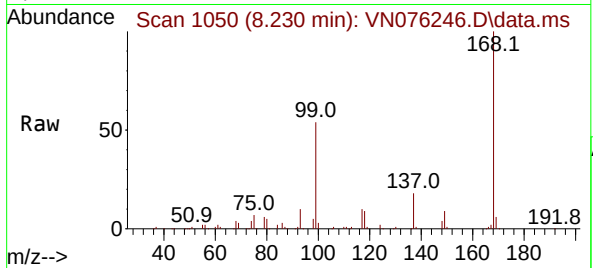




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076246.D
Acq: 13 Jan 2023 14:15

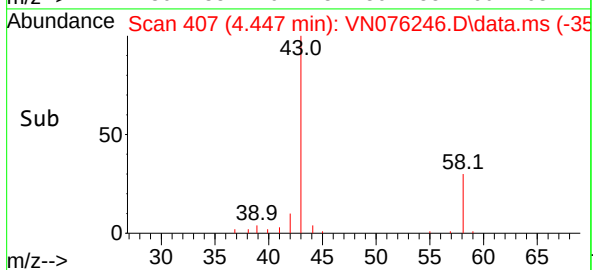
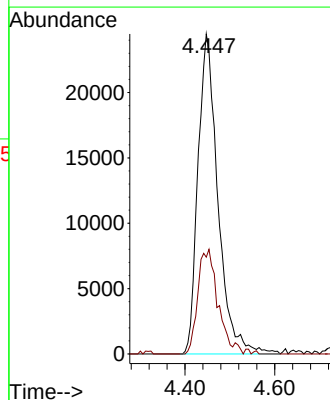
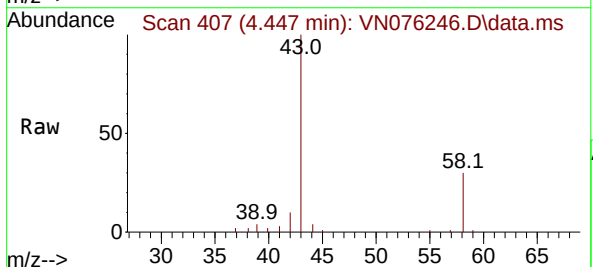
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC

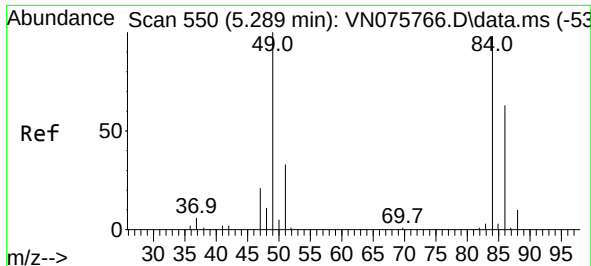
Tgt Ion:168 Resp: 378288
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#16
Acetone
Concen: 53.279 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076246.D
Acq: 13 Jan 2023 14:15

Tgt Ion: 43 Resp: 75585
Ion Ratio Lower Upper
43 100
58 30.2 28.6 43.0

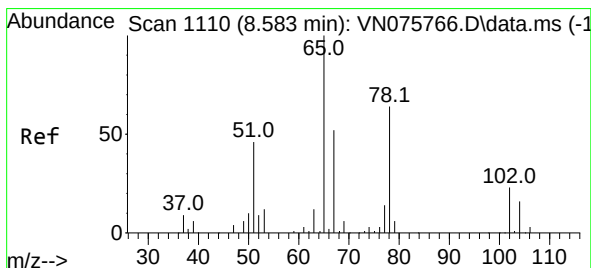
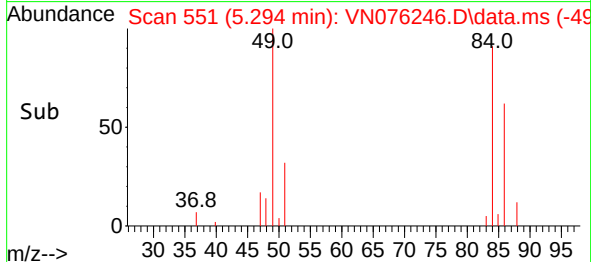
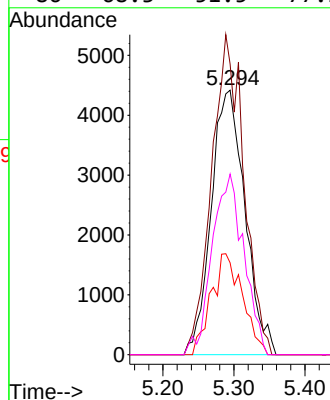
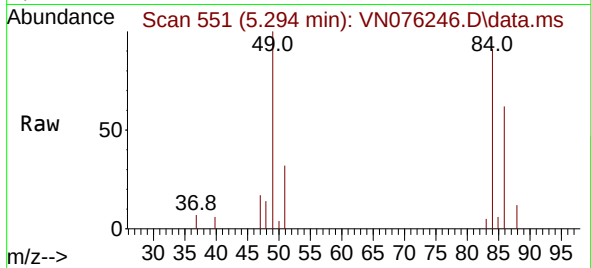




#20
Methylene Chloride
Concen: 3.245 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN076246.D
Acq: 13 Jan 2023 14:15

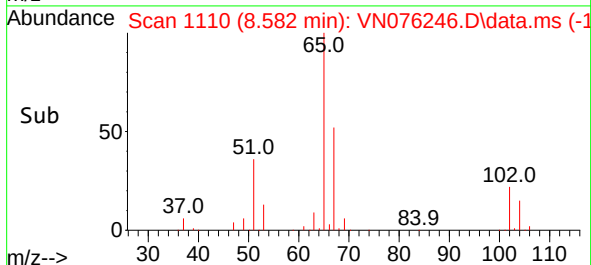
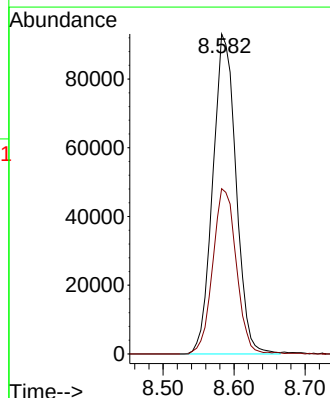
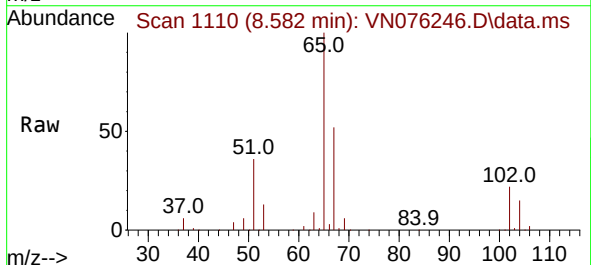
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC

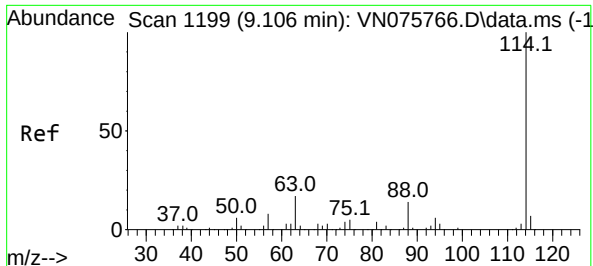
Tgt Ion: 84	Resp: 14587
Ion Ratio	Lower Upper
84 100	
49 109.8	81.8 122.6
51 34.7	26.7 40.1
86 68.3	51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 51.223 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076246.D
Acq: 13 Jan 2023 14:15

Tgt Ion: 65	Resp: 210805
Ion Ratio	Lower Upper
65 100	
67 52.5	0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076246.D

Acq: 13 Jan 2023 14:15

Instrument :

MSVOA_N

ClientSampleId :

TCLP-VOC

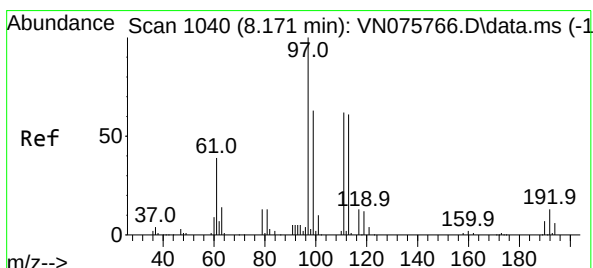
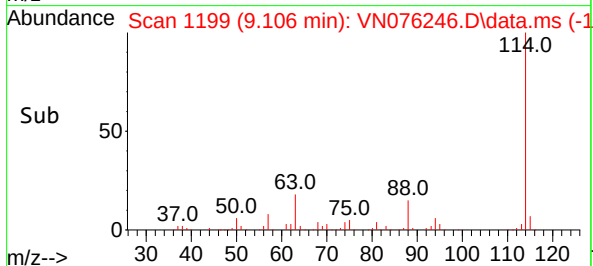
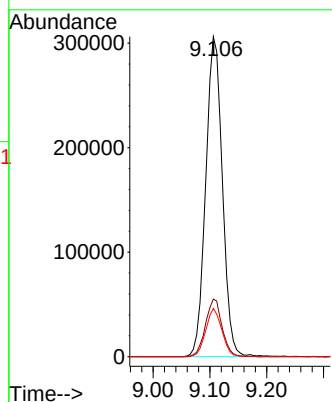
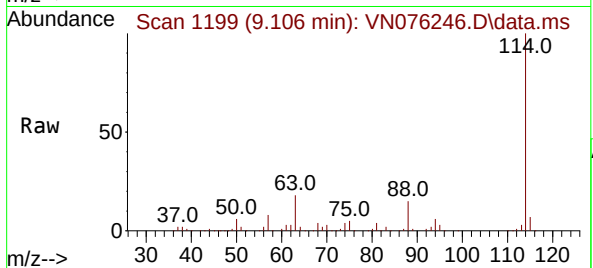
Tgt Ion:114 Resp: 622164

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.963 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076246.D

Acq: 13 Jan 2023 14:15

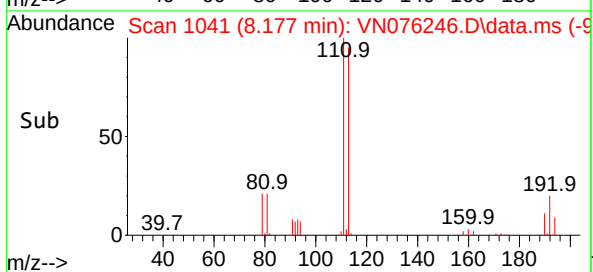
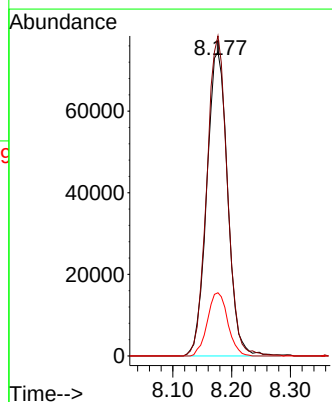
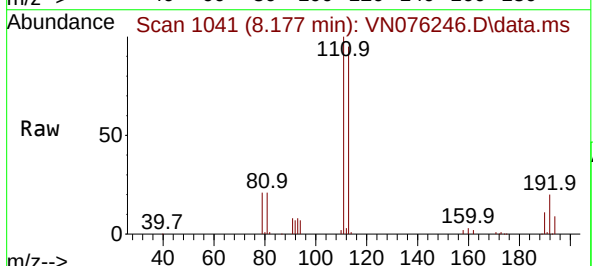
Tgt Ion:113 Resp: 184800

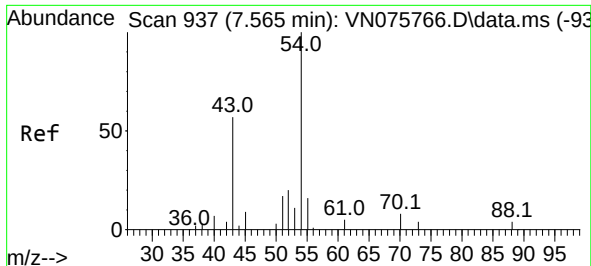
Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

192 20.2 16.1 24.1

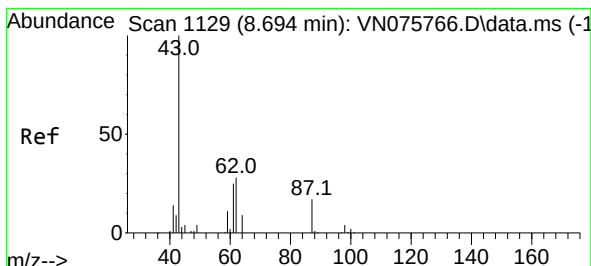
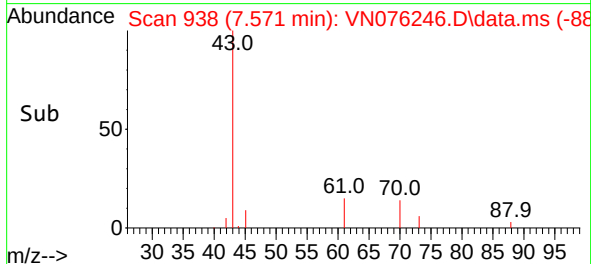
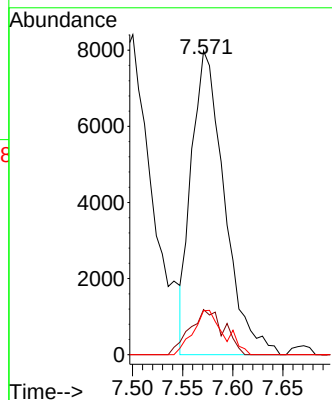
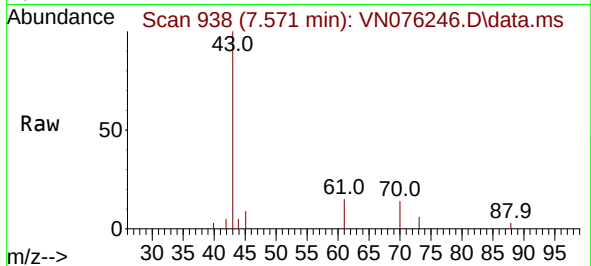




#37
Ethyl Acetate
Concen: 4.446 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076246.D
Acq: 13 Jan 2023 14:15

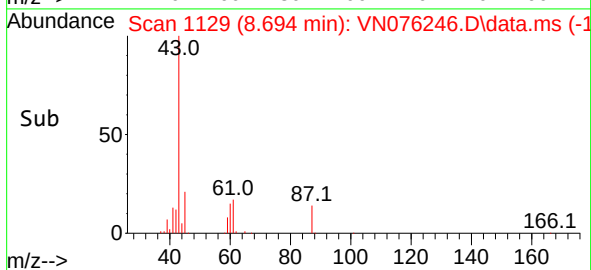
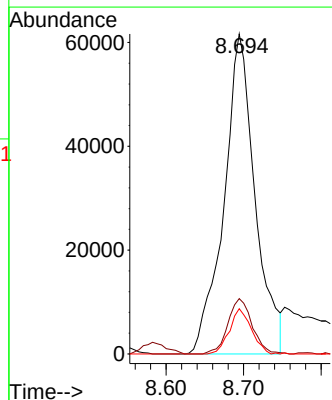
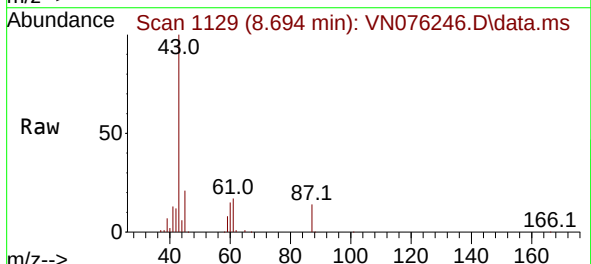
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC

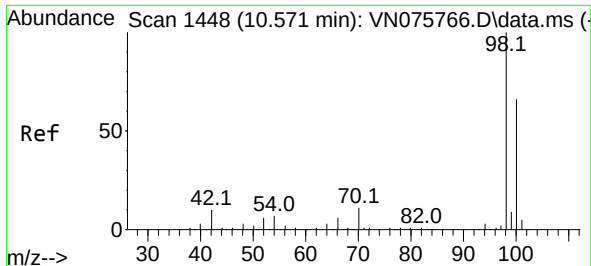
Tgt Ion: 43 Resp: 18278
Ion Ratio Lower Upper
43 100
61 15.4 13.0 19.4
70 13.6 9.4 14.0



#43
Isopropyl Acetate
Concen: 25.422 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076246.D
Acq: 13 Jan 2023 14:15

Tgt Ion: 43 Resp: 172408
Ion Ratio Lower Upper
43 100
61 13.5 24.2 36.4#
87 10.0 13.3 19.9#

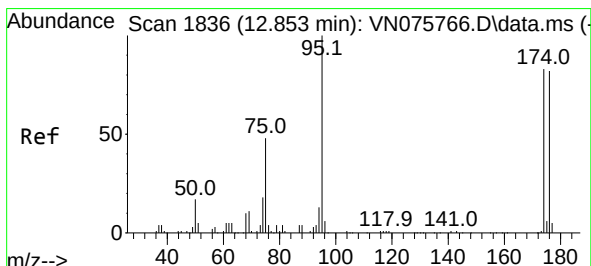
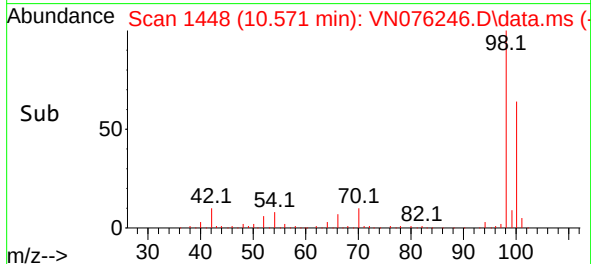
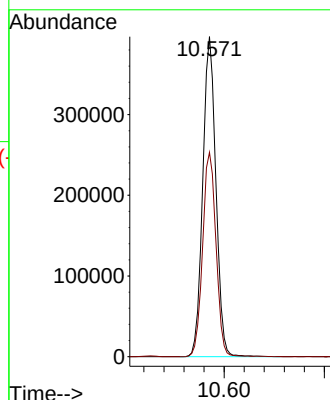
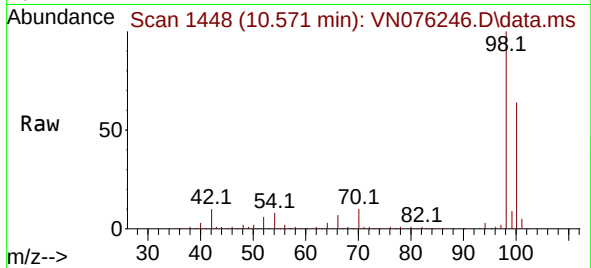




#50
Toluene-d8
Concen: 50.054 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076246.D
Acq: 13 Jan 2023 14:15

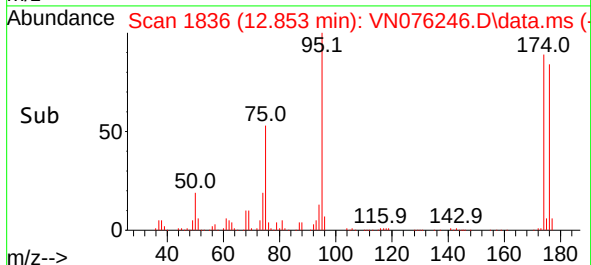
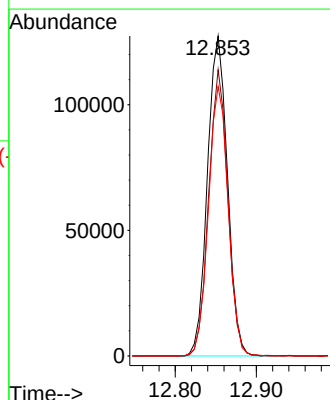
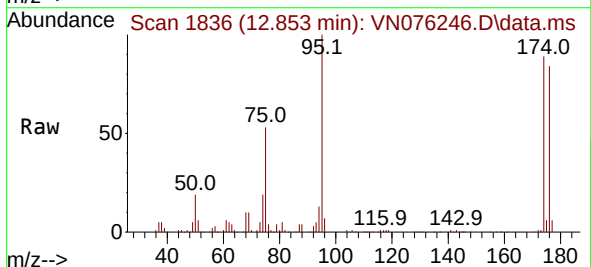
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC

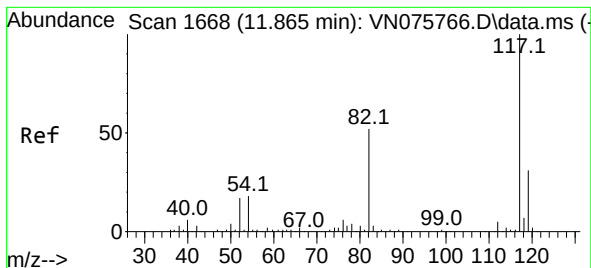
Tgt Ion: 98 Resp: 721063
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.672 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076246.D
Acq: 13 Jan 2023 14:15

Tgt Ion: 95 Resp: 217917
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.6
176 83.0 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076246.D

Acq: 13 Jan 2023 14:15

Instrument :

MSVOA_N

ClientSampleId :

TCLP-VOC

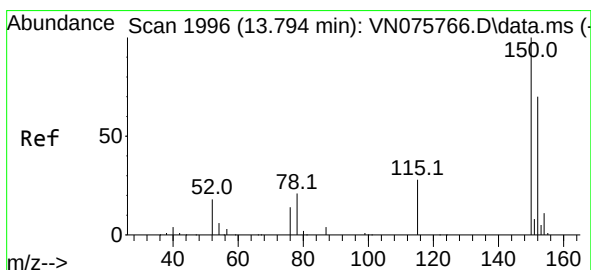
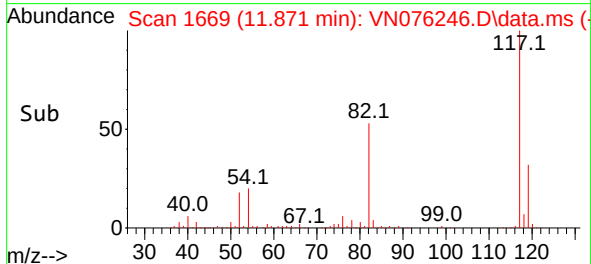
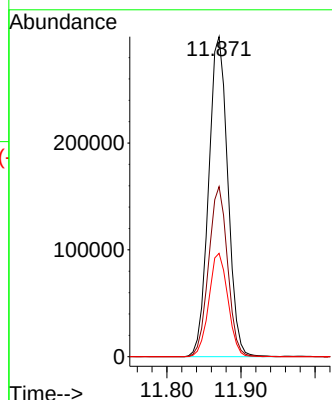
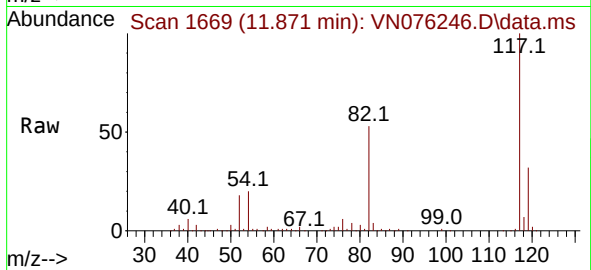
Tgt Ion:117 Resp: 537305

Ion Ratio Lower Upper

117 100

82 53.1 41.3 61.9

119 32.3 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076246.D

Acq: 13 Jan 2023 14:15

Tgt Ion:152 Resp: 221862

Ion Ratio Lower Upper

152 100

115 57.7 29.1 87.4

150 155.8 0.0 347.0

