

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076245.D
 Acq On : 13 Jan 2023 13:50
 Operator : JC\MD
 Sample : 01132-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-VOC-1

Quant Time: Jan 16 01:07:46 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)

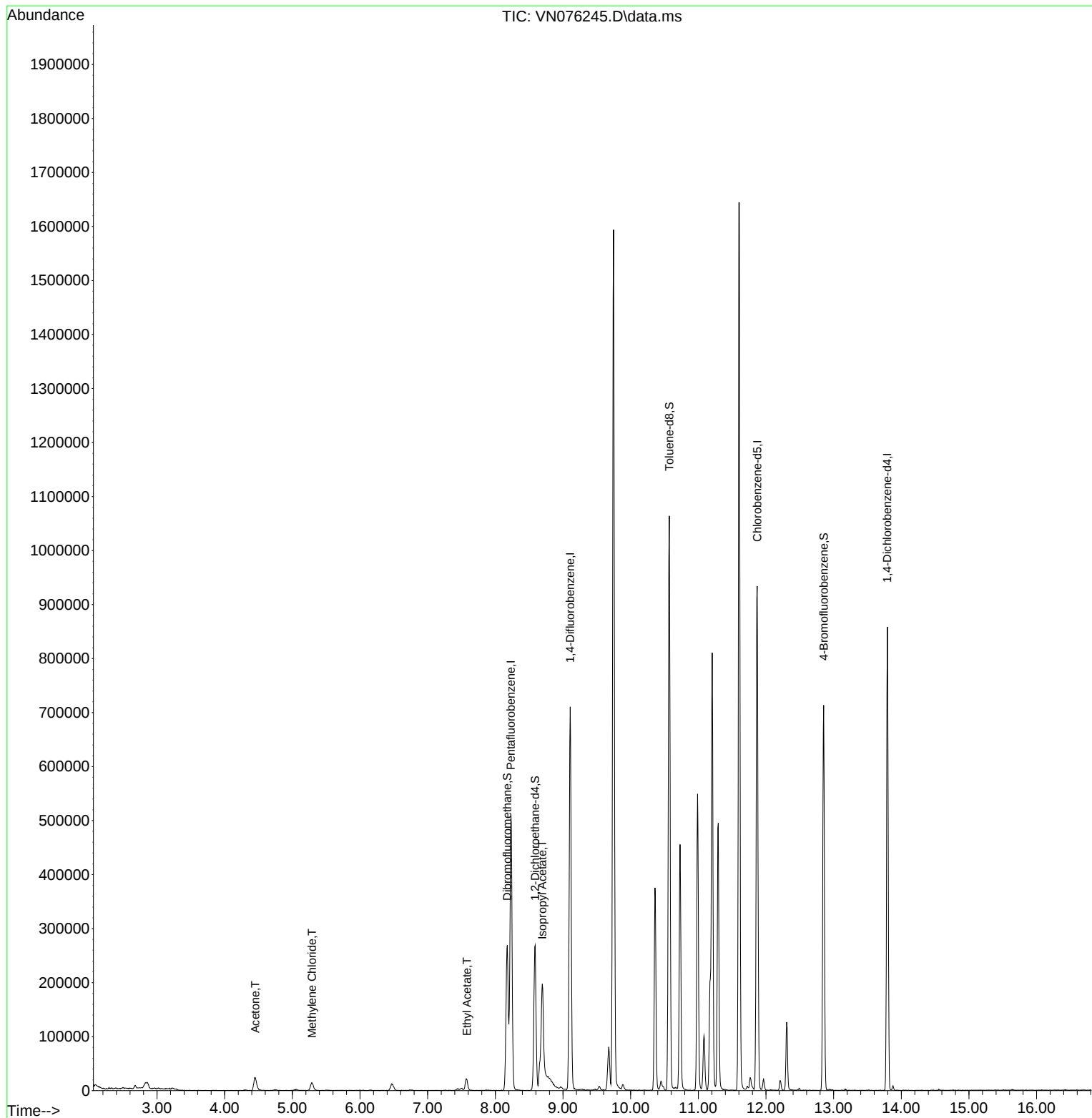
Internal Standards						
1) Pentafluorobenzene	8.230	168	382850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	640700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	567821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	218970	52.573	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.140%	
35) Dibromofluoromethane	8.177	113	188892	47.607	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.220%	
50) Toluene-d8	10.571	98	748126	50.430	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	12.853	95	235578	47.945	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.880%	
Target Compounds						Qvalue
16) Acetone	4.453	43	46795	32.592	ug/l	95
20) Methylene Chloride	5.289	84	12564	2.665	ug/l	94
37) Ethyl Acetate	7.583	43	33086	7.815	ug/l	99
43) Isopropyl Acetate	8.694	43	267875	38.356	ug/l #	77

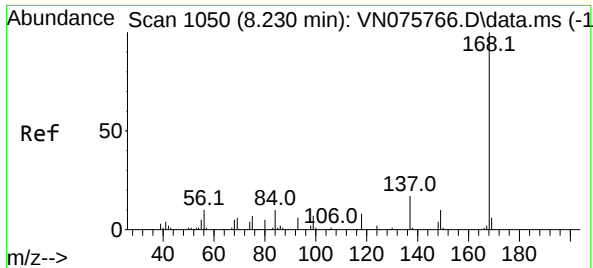
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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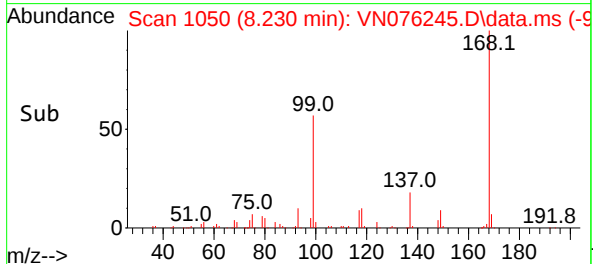
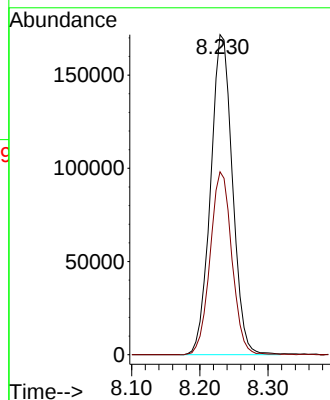
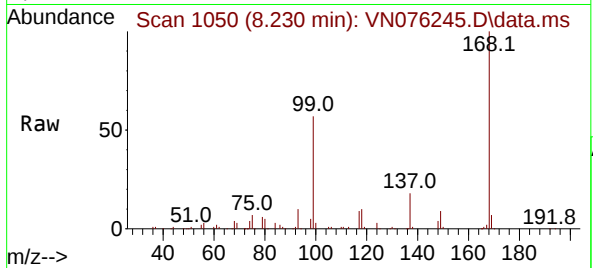




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076245.D
Acq: 13 Jan 2023 13:50

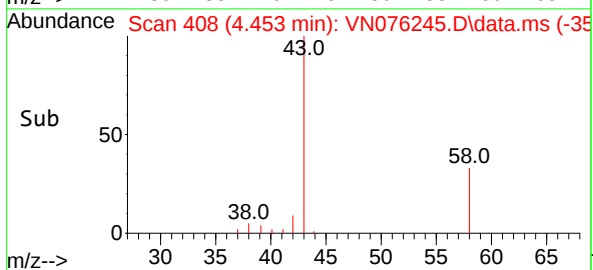
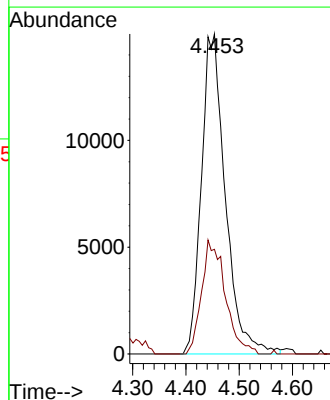
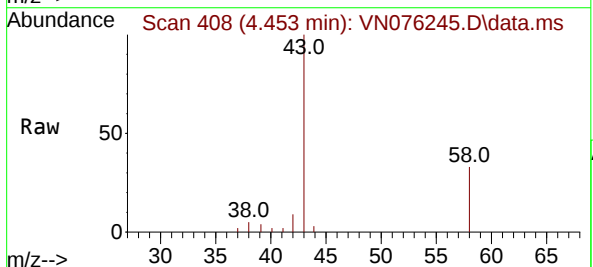
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-1

Tgt Ion:168 Resp: 382850
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#16
Acetone
Concen: 32.592 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076245.D
Acq: 13 Jan 2023 13:50

Tgt Ion: 43 Resp: 46795
Ion Ratio Lower Upper
43 100
58 32.7 28.6 43.0

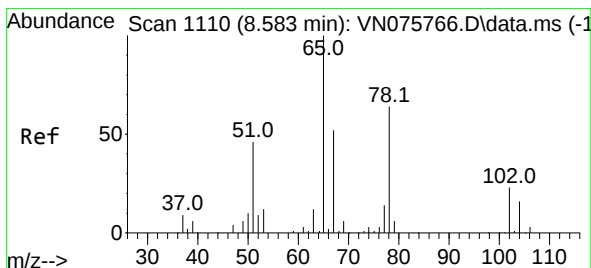
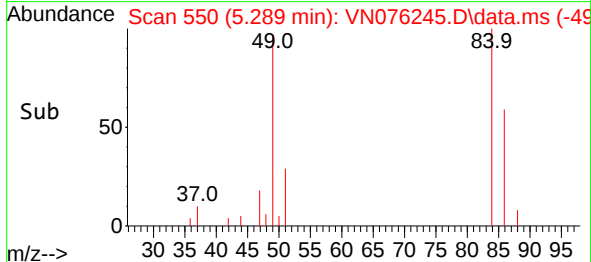
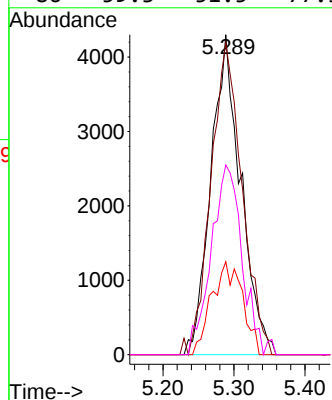
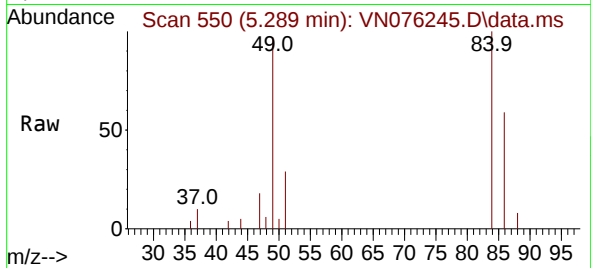




#20
Methylene Chloride
Concen: 2.665 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076245.D
Acq: 13 Jan 2023 13:50

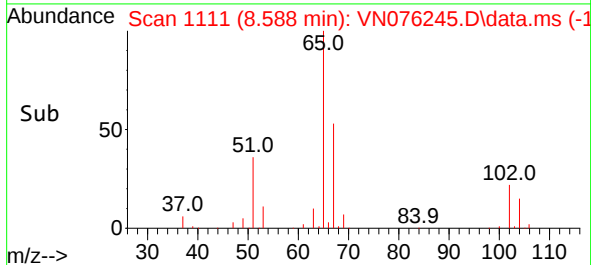
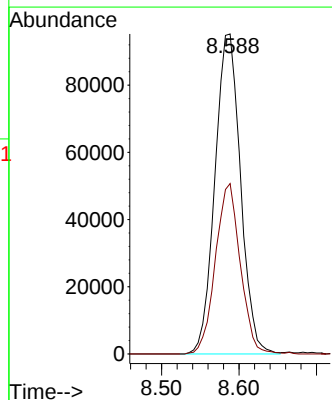
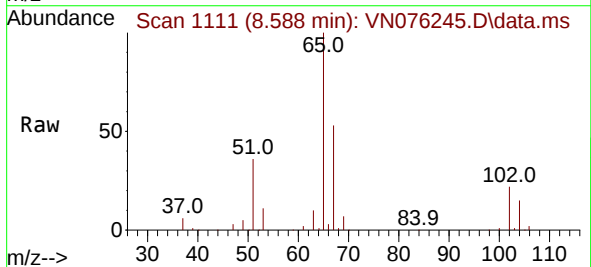
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-1

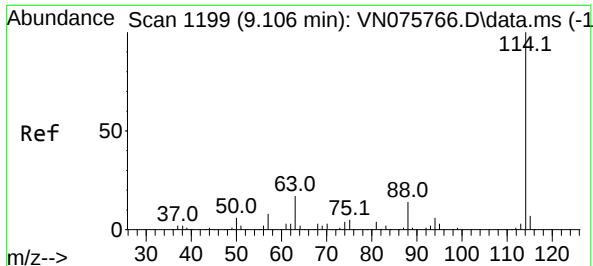
Tgt Ion: 84	Resp: 12564
Ion Ratio	Lower Upper
84 100	
49 97.5	81.8 122.6
51 29.1	26.7 40.1
86 59.3	51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 52.573 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076245.D
Acq: 13 Jan 2023 13:50

Tgt Ion: 65	Resp: 218970
Ion Ratio	Lower Upper
65 100	
67 51.7	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: VN076245.D

Acq: 13 Jan 2023 13:50

Instrument :

MSVOA_N

ClientSampleId :

TCLP-VOC-1

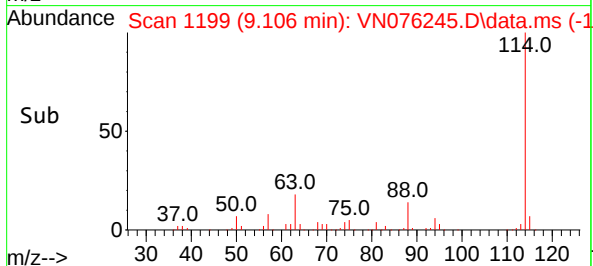
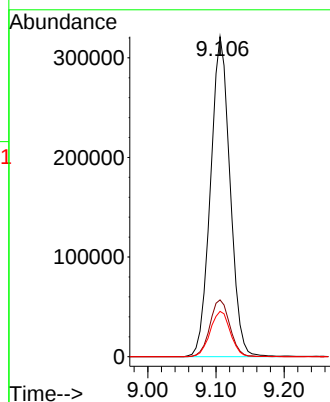
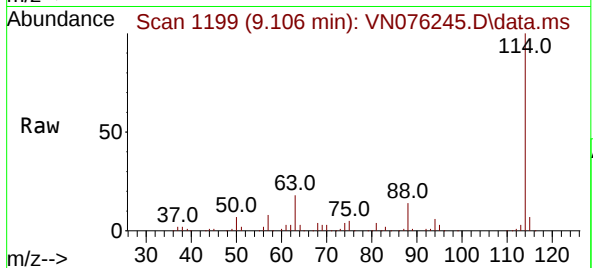
Tgt Ion:114 Resp: 640700

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 14.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.607 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076245.D

Acq: 13 Jan 2023 13:50

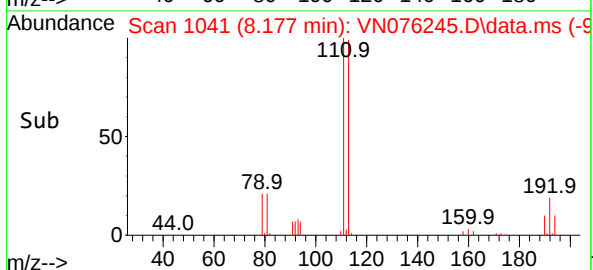
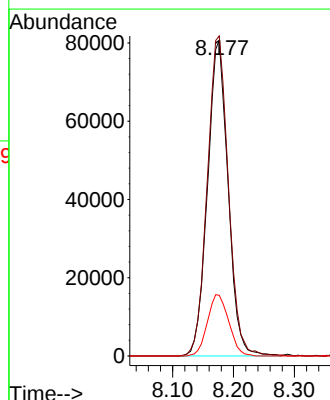
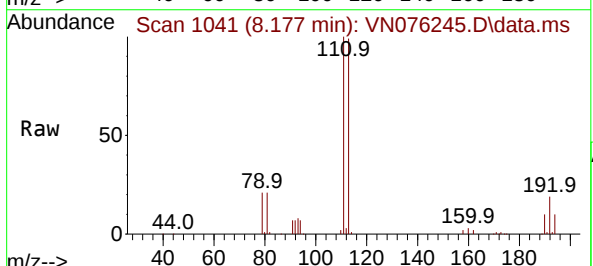
Tgt Ion:113 Resp: 188892

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.2

192 20.2 16.1 24.1

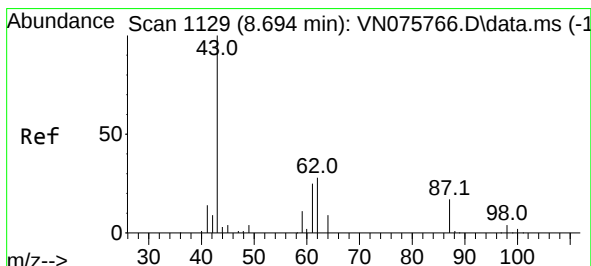
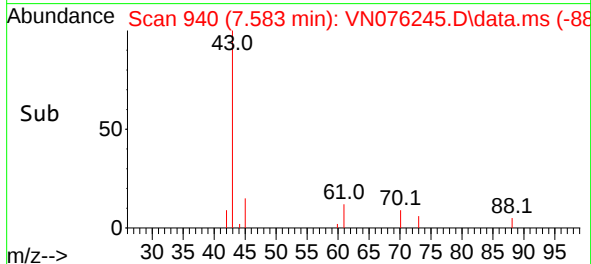
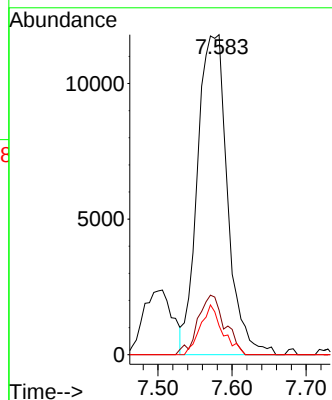
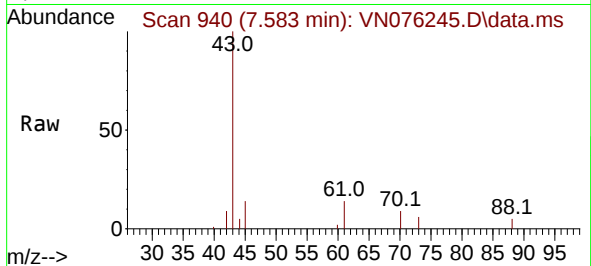




#37
Ethyl Acetate
Concen: 7.815 ug/l
RT: 7.583 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN076245.D
Acq: 13 Jan 2023 13:50

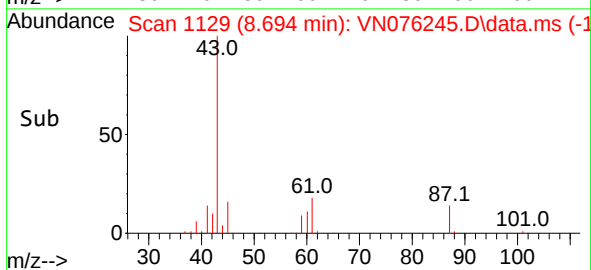
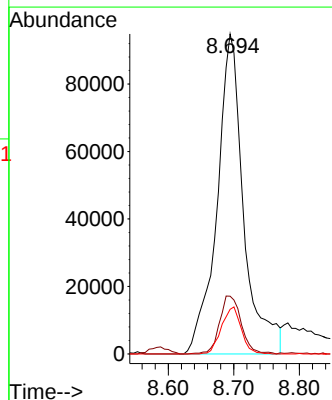
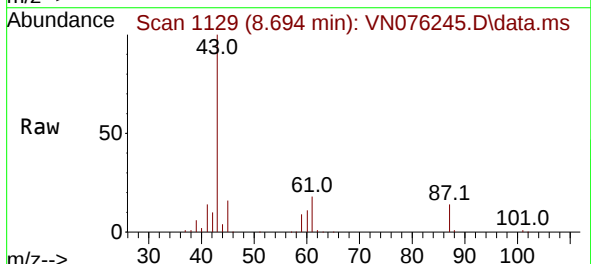
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-1

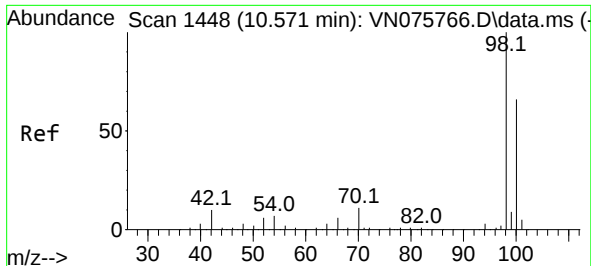
Tgt Ion: 43 Resp: 33086
Ion Ratio Lower Upper
43 100
61 16.8 13.0 19.4
70 11.5 9.4 14.0



#43
Isopropyl Acetate
Concen: 38.356 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076245.D
Acq: 13 Jan 2023 13:50

Tgt Ion: 43 Resp: 267875
Ion Ratio Lower Upper
43 100
61 14.7 24.2 36.4#
87 10.9 13.3 19.9#

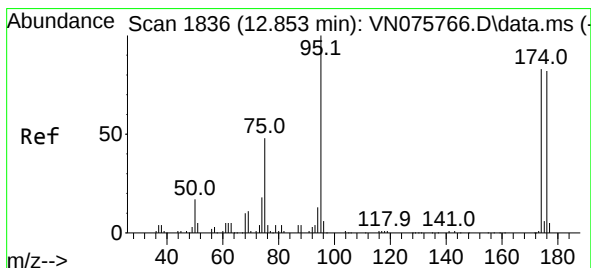
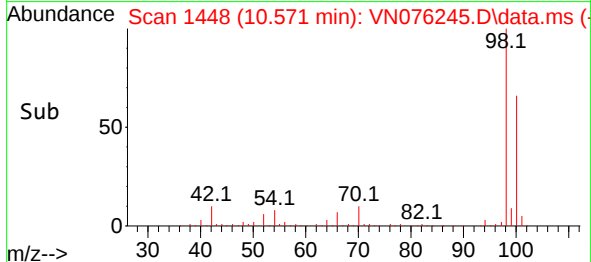
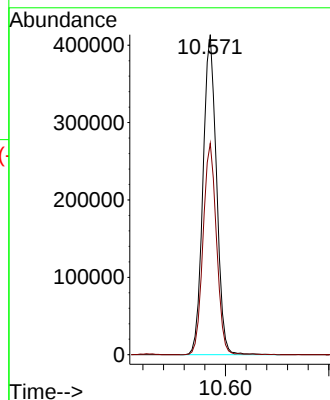
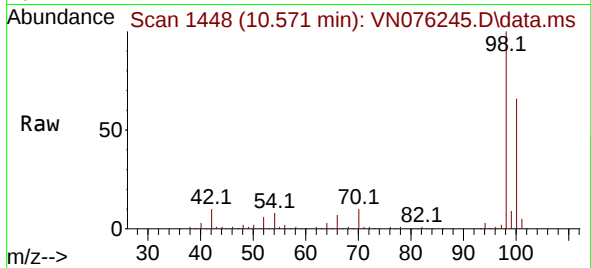




#50
Toluene-d8
Concen: 50.430 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076245.D
Acq: 13 Jan 2023 13:50

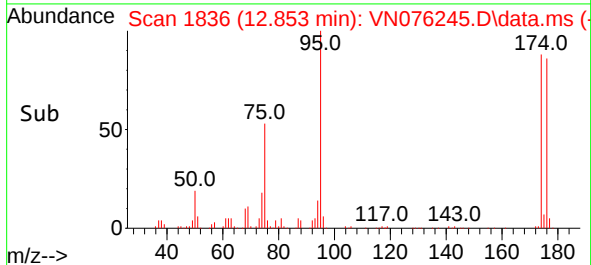
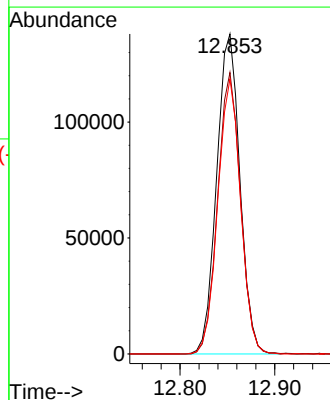
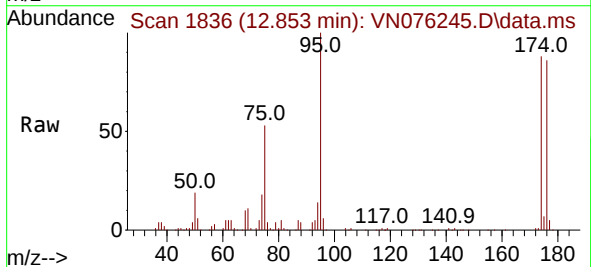
Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-1

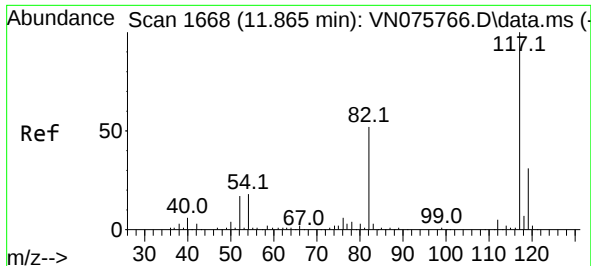
Tgt Ion: 98 Resp: 748126
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.945 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076245.D
Acq: 13 Jan 2023 13:50

Tgt Ion: 95 Resp: 235578
Ion Ratio Lower Upper
95 100
174 86.4 0.0 171.6
176 84.3 0.0 169.2

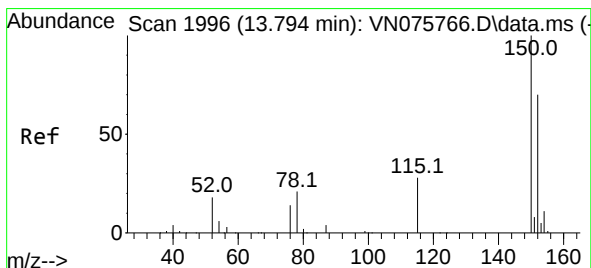
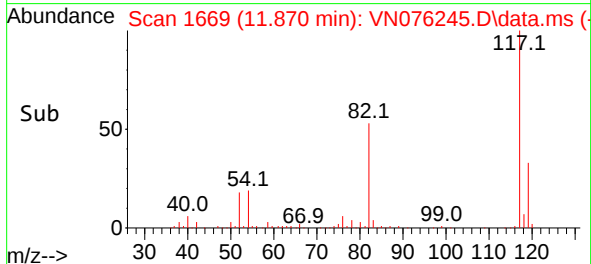
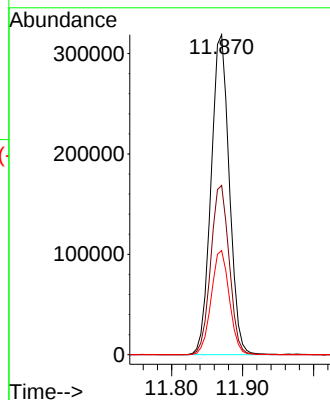
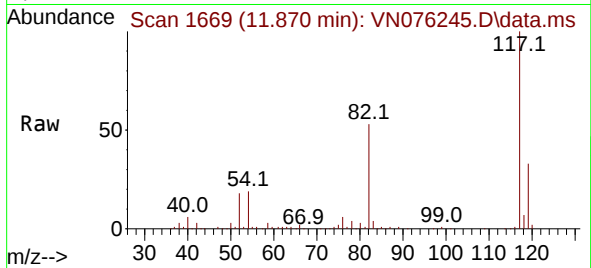




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN076245.D
Acq: 13 Jan 2023 13:50

Instrument :
MSVOA_N
ClientSampleId :
TCLP-VOC-1

Tgt Ion:117 Resp: 567821
Ion Ratio Lower Upper
117 100
82 52.9 41.3 61.9
119 32.6 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: VN076245.D
Acq: 13 Jan 2023 13:50

Tgt Ion:152 Resp: 240265
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 154.8 0.0 347.0

