

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076579.D
 Acq On : 08 Feb 2023 14:57
 Operator : JC\MD
 Sample : 01462-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-3

Quant Time: Feb 09 00:48:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 09:04:43 2023
 Response via : Initial Calibration

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

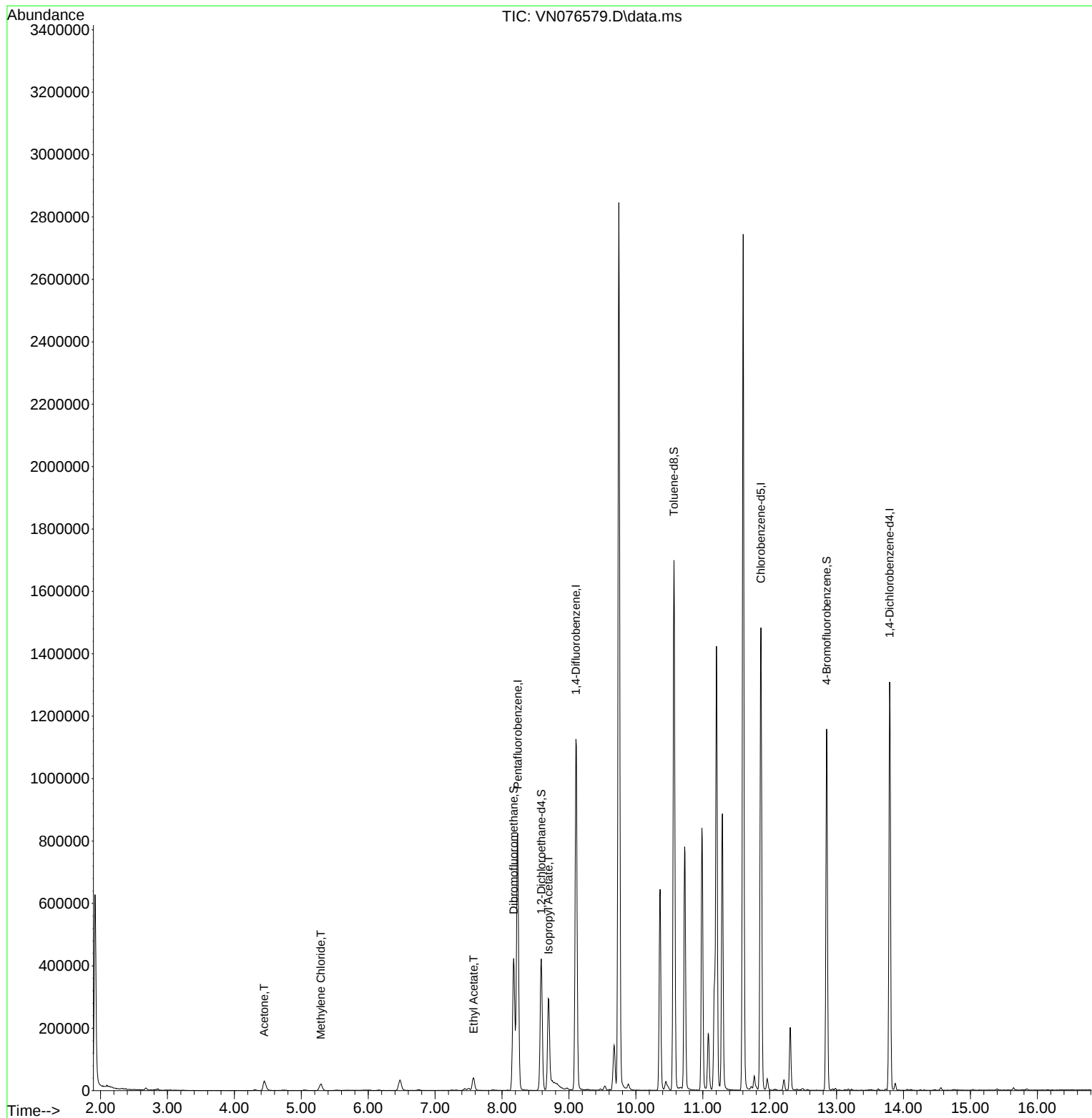
Internal Standards						
1) Pentafluorobenzene	8.234	168	622212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.104	114	1046902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.869	117	932613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.792	152	369738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.586	65	346692	47.208	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.420%
35) Dibromofluoromethane	8.175	113	309787	47.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	10.569	98	1220221	49.840	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.851	95	415492	48.172	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.340%
Target Compounds						
					Qvalue	
16) Acetone	4.446	43	57488	23.743	ug/l	96
20) Methylene Chloride	5.293	84	19395	2.598	ug/l #	86
37) Ethyl Acetate	7.575	43	63017	9.052	ug/l	98
43) Isopropyl Acetate	8.692	43	344226	29.716	ug/l #	86

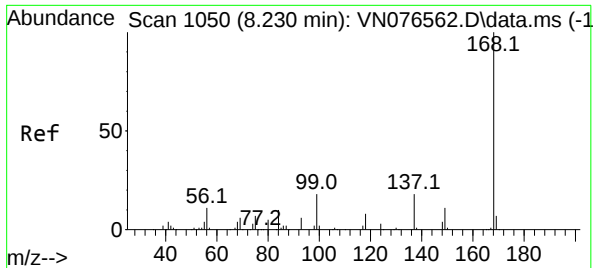
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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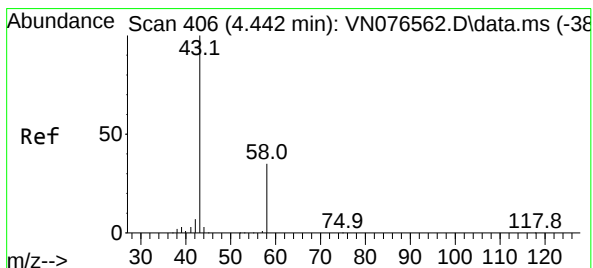
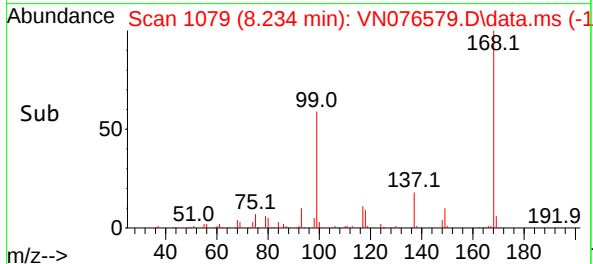
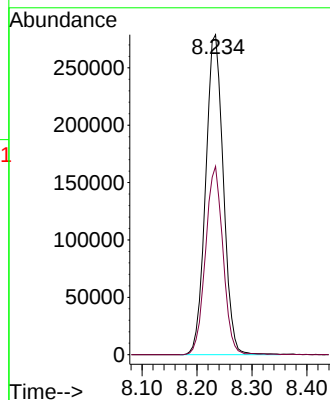
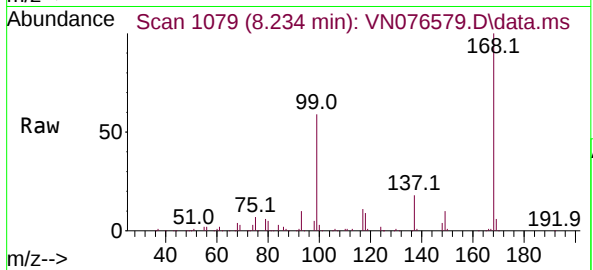




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.234 min Scan# 1050
Delta R.T. 0.004 min
Lab File: VN076579.D
Acq: 08 Feb 2023 14:57

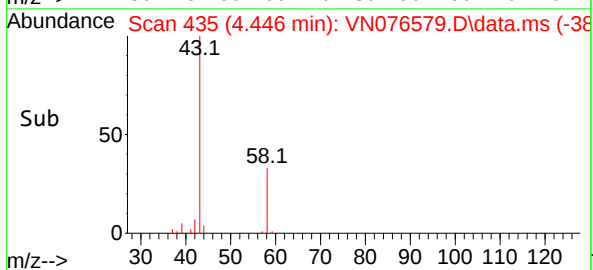
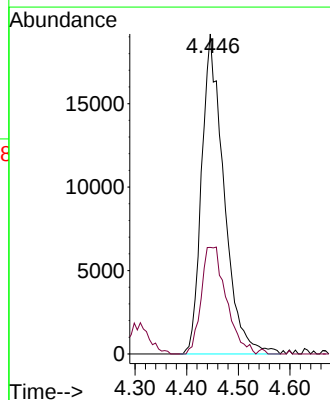
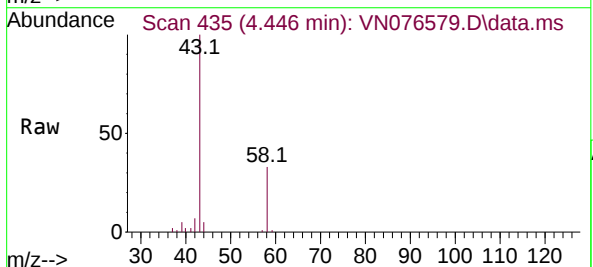
Instrument :
MSVOA_N
ClientSampleId :
TCLP-3

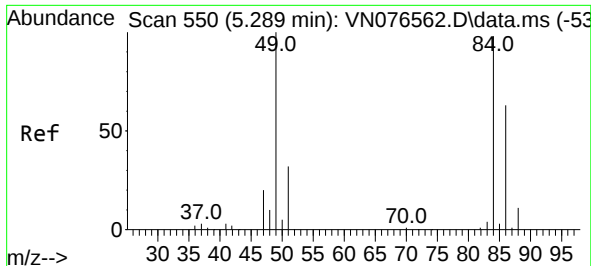
Tgt Ion:168 Resp: 622212
Ion Ratio Lower Upper
168 100
99 58.9 47.8 71.8



#16
Acetone
Concen: 23.743 ug/l
RT: 4.446 min Scan# 435
Delta R.T. 0.004 min
Lab File: VN076579.D
Acq: 08 Feb 2023 14:57

Tgt Ion: 43 Resp: 57488
Ion Ratio Lower Upper
43 100
58 33.3 28.4 42.6

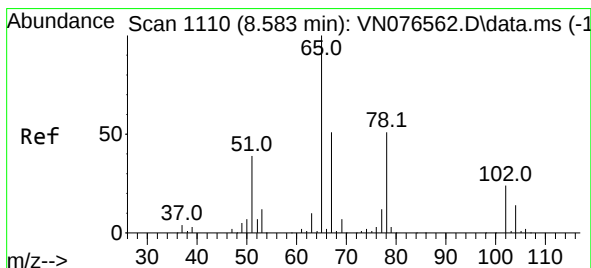
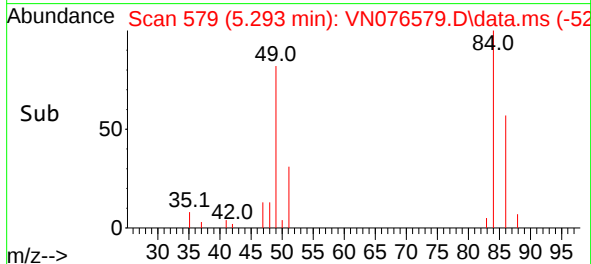
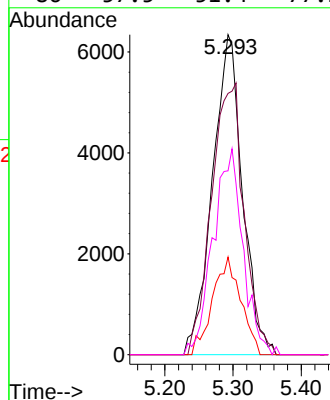
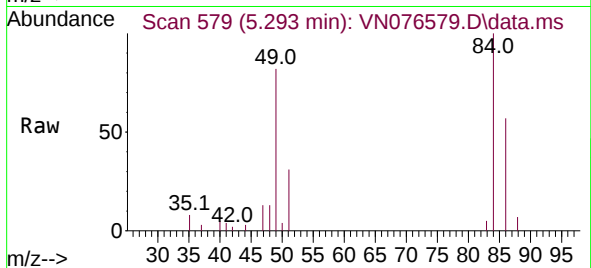




#20
Methylene Chloride
Concen: 2.598 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.004 min
Lab File: VN076579.D
Acq: 08 Feb 2023 14:57

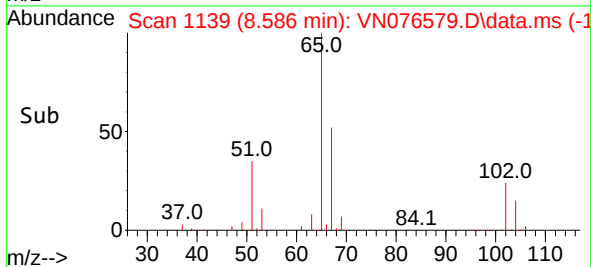
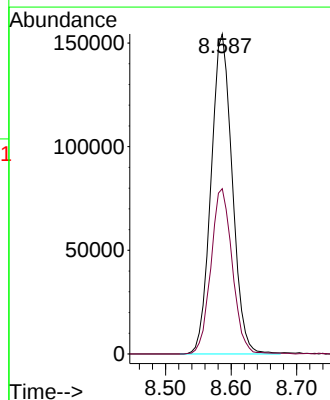
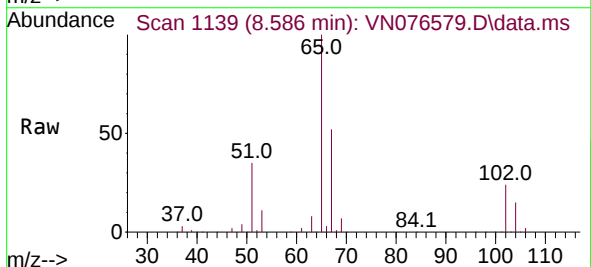
Instrument :
MSVOA_N
ClientSampleId :
TCLP-3

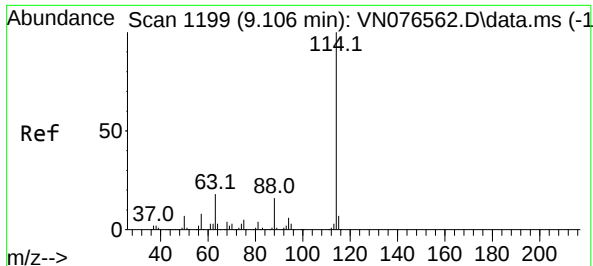
Tgt Ion: 84	Resp: 19395
Ion Ratio	Lower Upper
84 100	
49 81.7	82.0 123.0#
51 30.5	26.0 39.0
86 57.5	51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 47.208 ug/l
RT: 8.586 min Scan# 1139
Delta R.T. 0.003 min
Lab File: VN076579.D
Acq: 08 Feb 2023 14:57

Tgt Ion: 65	Resp: 346692
Ion Ratio	Lower Upper
65 100	
67 52.1	0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.104 min Scan# 11

Delta R.T. -0.002 min

Lab File: VN076579.D

Acq: 08 Feb 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

TCLP-3

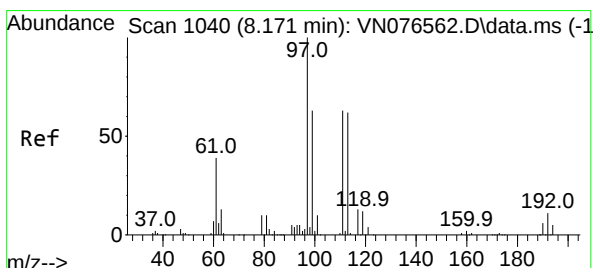
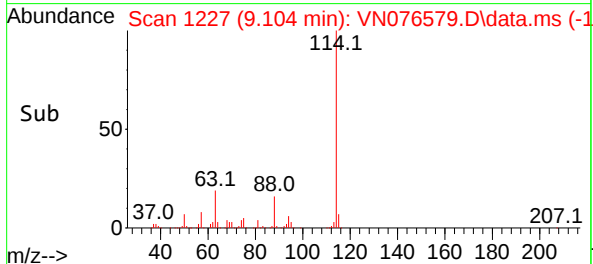
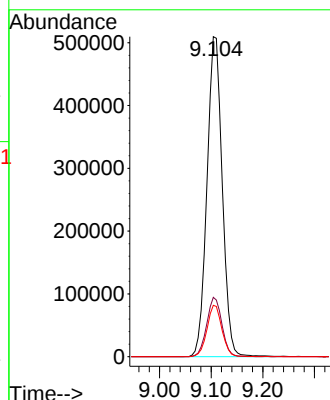
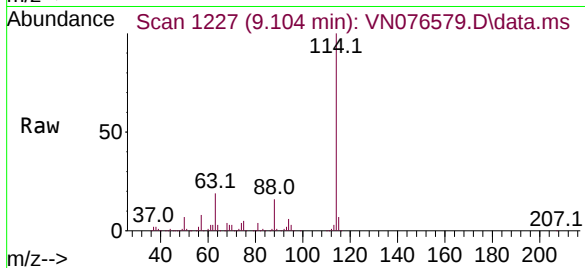
Tgt Ion:114 Resp: 1046902

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.6

88 16.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 47.602 ug/l

RT: 8.175 min Scan# 1069

Delta R.T. 0.004 min

Lab File: VN076579.D

Acq: 08 Feb 2023 14:57

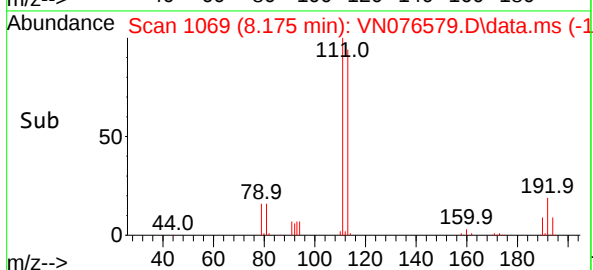
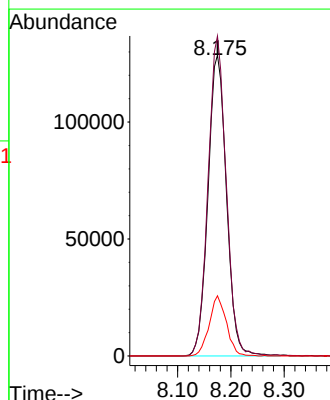
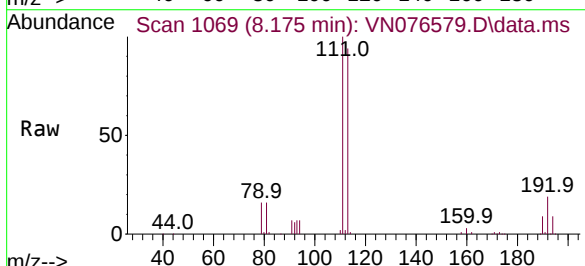
Tgt Ion:113 Resp: 309787

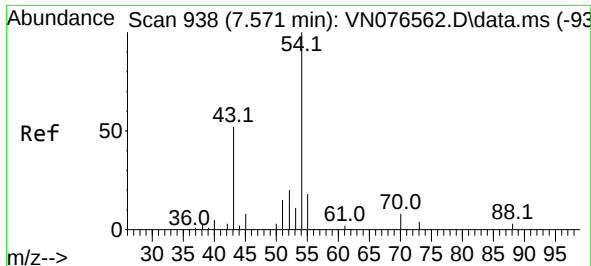
Ion Ratio Lower Upper

113 100

111 104.2 82.0 123.0

192 18.6 14.8 22.2

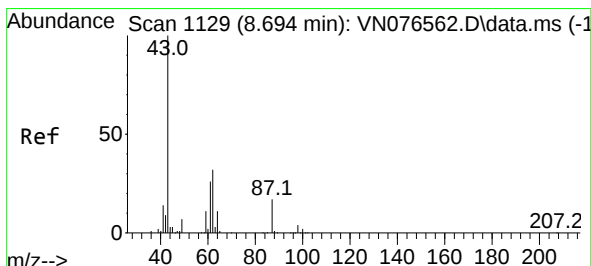
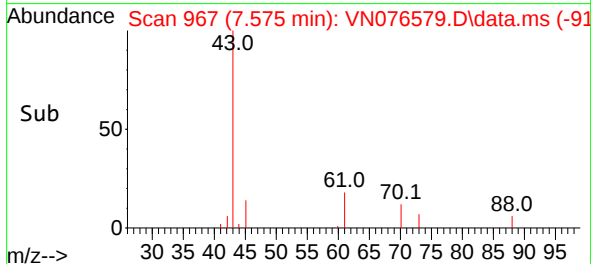
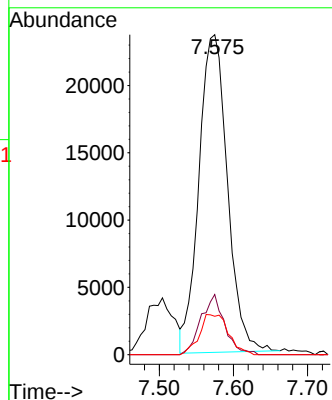
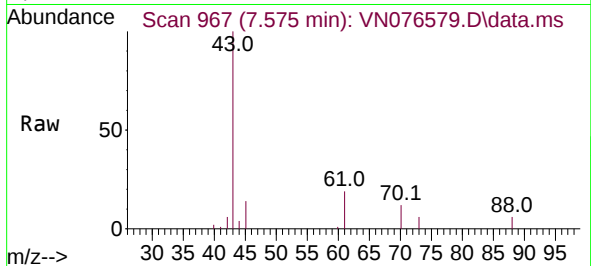




#37
Ethyl Acetate
Concen: 9.052 ug/l
RT: 7.575 min Scan# 91
Delta R.T. 0.004 min
Lab File: VN076579.D
Acq: 08 Feb 2023 14:57

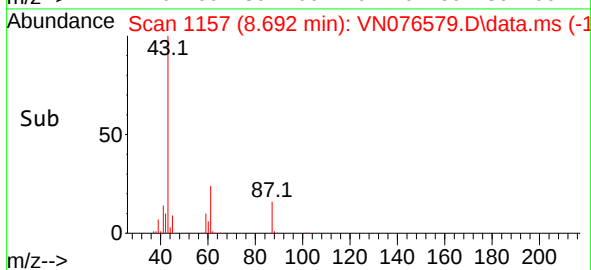
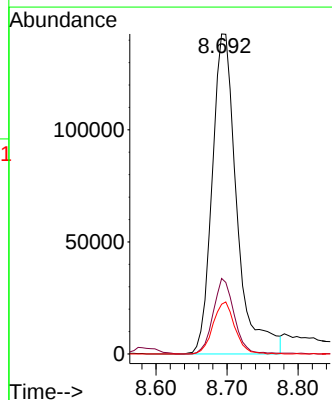
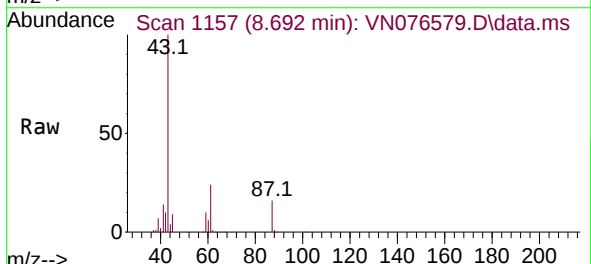
Instrument :
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ClientSampleId :
TCLP-3

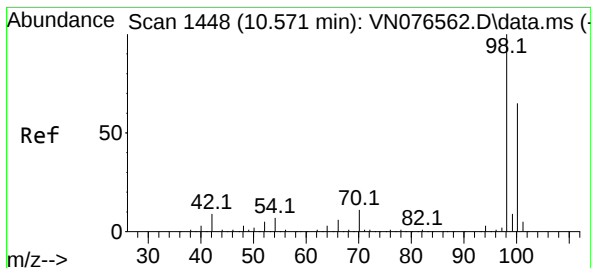
Tgt Ion:	43	Resp:	63017
Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.8	17.6
70	12.8	10.4	15.6



#43
Isopropyl Acetate
Concen: 29.716 ug/l
RT: 8.692 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN076579.D
Acq: 08 Feb 2023 14:57

Tgt Ion:	43	Resp:	344226
Ion	Ratio	Lower	Upper
43	100		
61	20.3	24.5	36.7#
87	14.4	13.6	20.4





#50

Toluene-d8

Concen: 49.840 ug/l

RT: 10.569 min Scan# 1448

Delta R.T. -0.002 min

Lab File: VN076579.D

Acq: 08 Feb 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

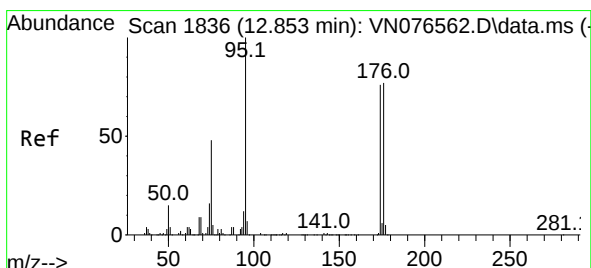
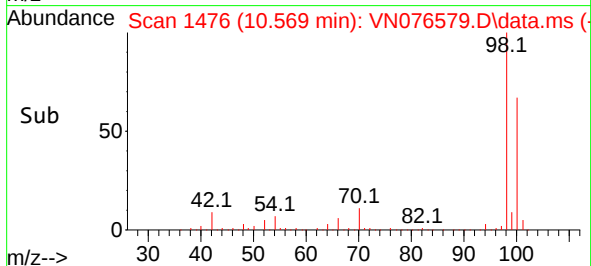
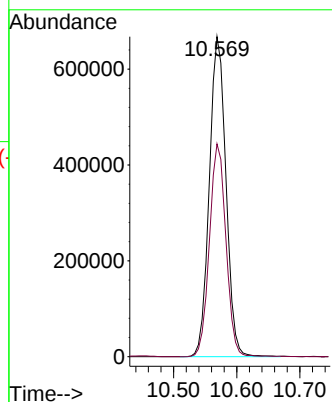
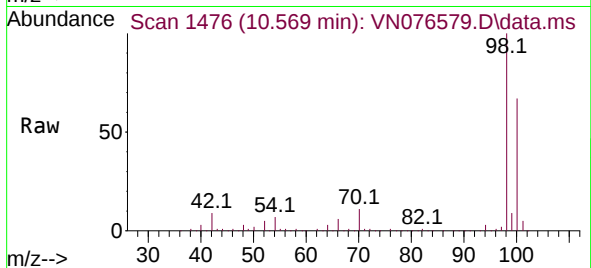
TCLP-3

Tgt Ion: 98 Resp: 1220221

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 48.172 ug/l

RT: 12.851 min Scan# 1864

Delta R.T. -0.002 min

Lab File: VN076579.D

Acq: 08 Feb 2023 14:57

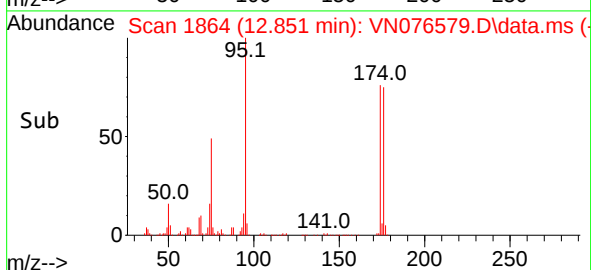
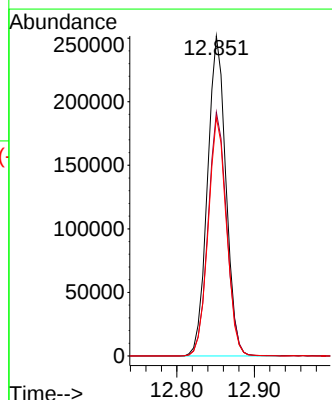
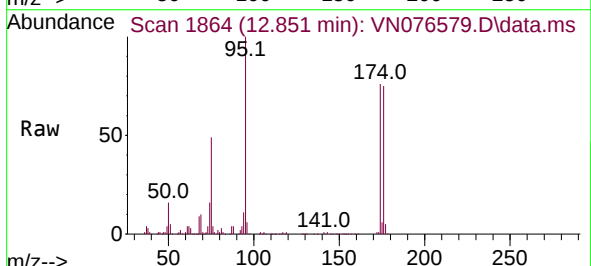
Tgt Ion: 95 Resp: 415492

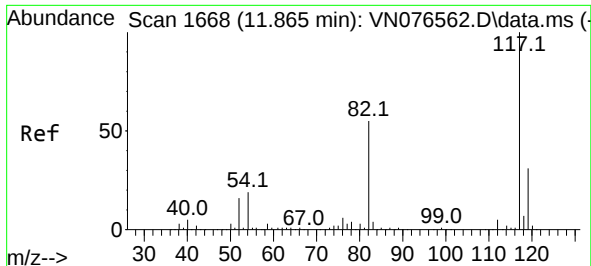
Ion Ratio Lower Upper

95 100

174 76.5 0.0 154.0

176 73.9 0.0 152.0

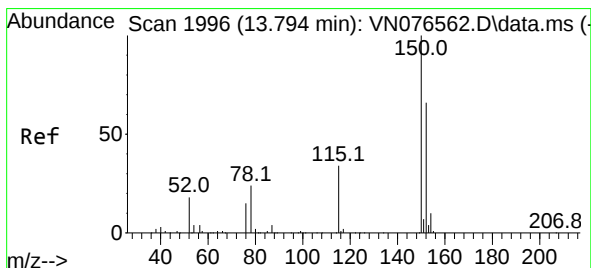
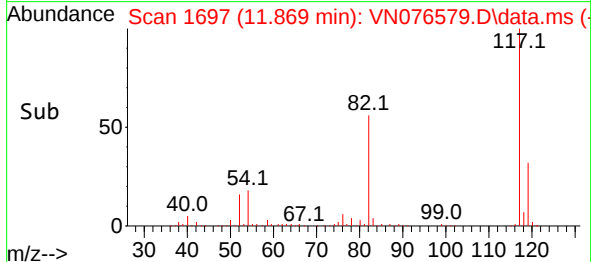
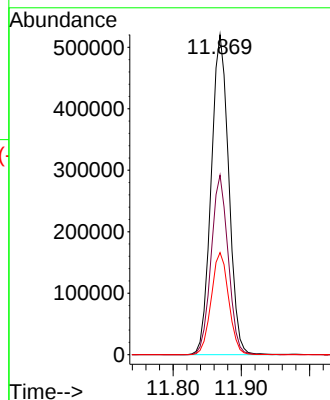
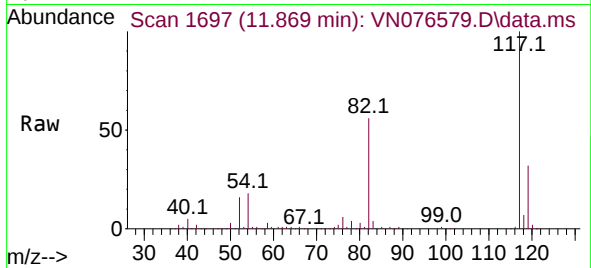




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.869 min Scan# 11
Delta R.T. 0.004 min
Lab File: VN076579.D
Acq: 08 Feb 2023 14:57

Instrument :
MSVOA_N
ClientSampleId :
TCLP-3

Tgt Ion:117 Resp: 932613
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.4
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.792 min Scan# 2024
Delta R.T. -0.002 min
Lab File: VN076579.D
Acq: 08 Feb 2023 14:57

Tgt Ion:152 Resp: 369738
Ion Ratio Lower Upper
152 100
115 61.0 30.8 92.3
150 158.3 0.0 348.8

