

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076578.D
 Acq On : 08 Feb 2023 14:33
 Operator : JC\MD
 Sample : 01462-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-2

Quant Time: Feb 09 00:48:13 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)

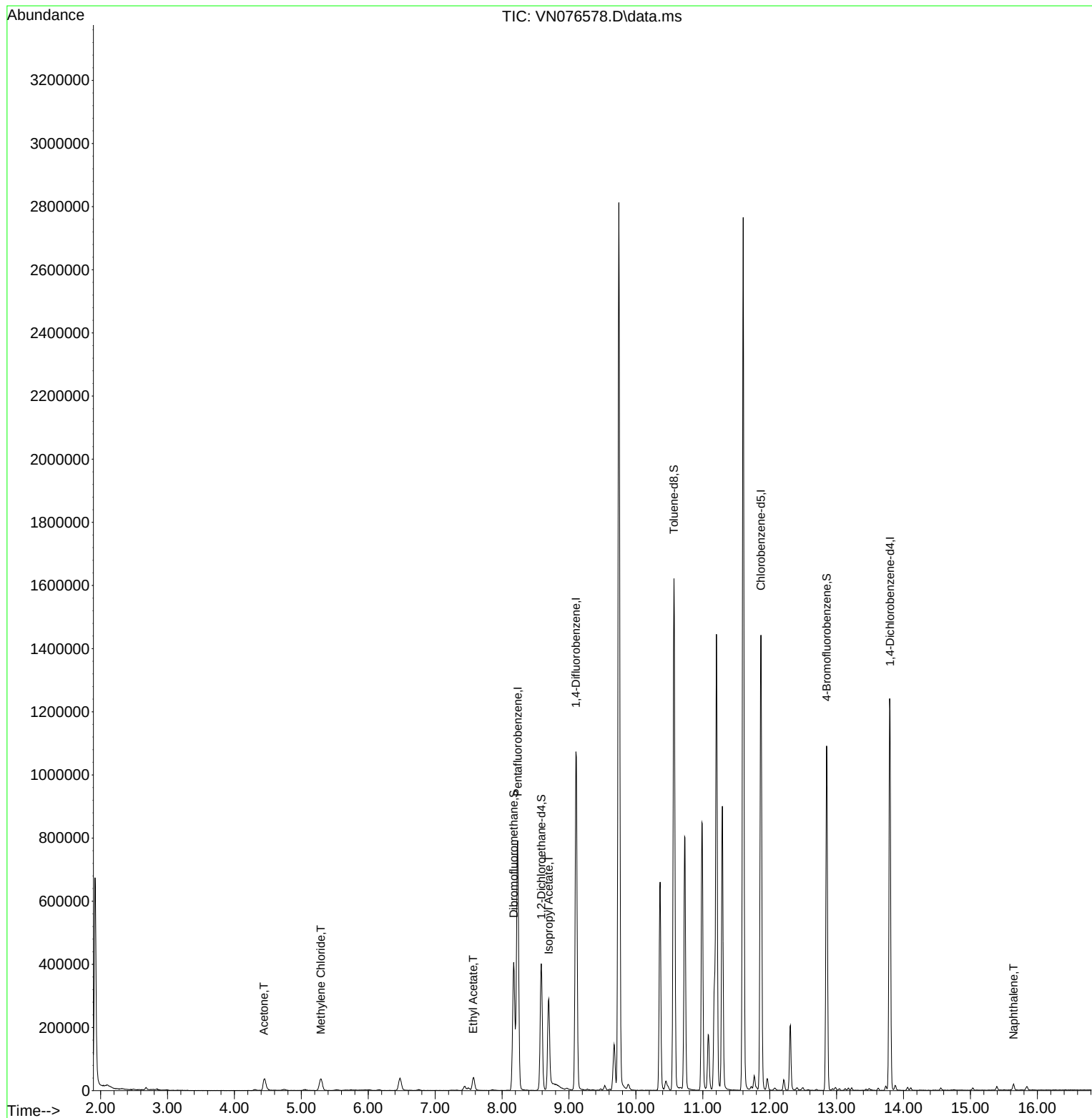
Internal Standards						
1) Pentafluorobenzene	8.234	168	605279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.104	114	1003788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.869	117	897851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.798	152	356758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.586	65	330997	46.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.660%
35) Dibromofluoromethane	8.175	113	299642	48.021	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	10.569	98	1185727	50.511	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.851	95	396146	47.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.800%
Target Compounds						
					Qvalue	
16) Acetone	4.440	43	70229	29.817	ug/l	99
20) Methylene Chloride	5.293	84	33149	4.565	ug/l	94
37) Ethyl Acetate	7.569	43	63650	9.536	ug/l	98
43) Isopropyl Acetate	8.698	43	343650	30.941	ug/l #	86
95) Naphthalene	15.645	128	18980	1.155	ug/l	97

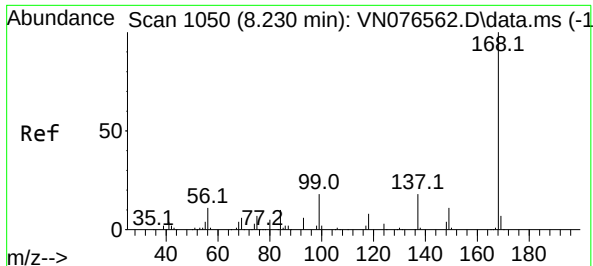
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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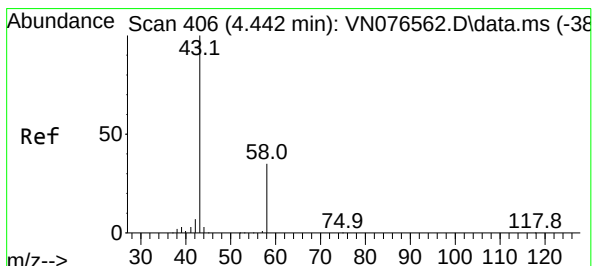
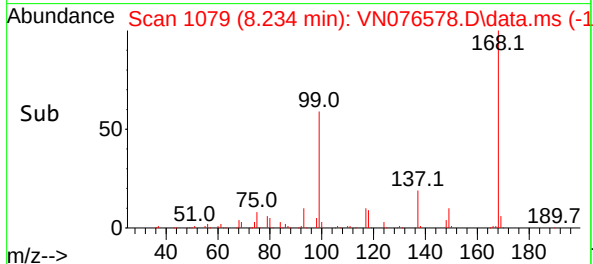
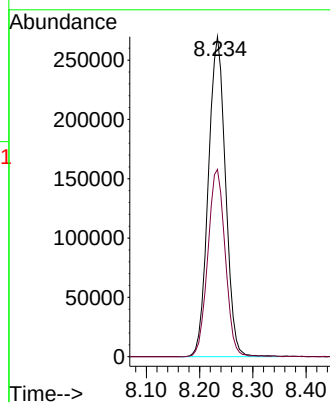
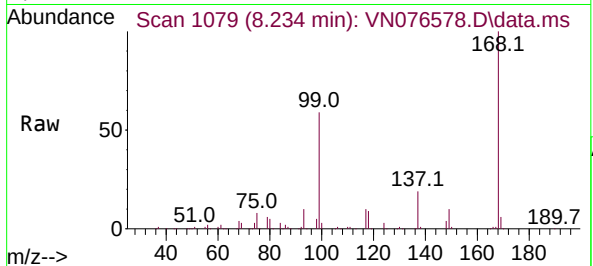




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.234 min Scan# 1050
Delta R.T. 0.004 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

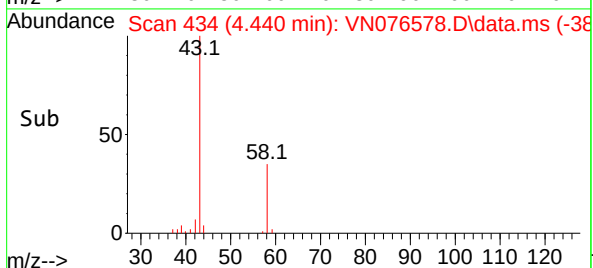
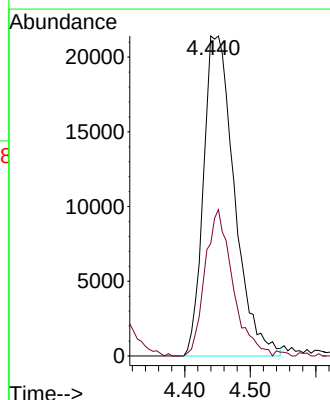
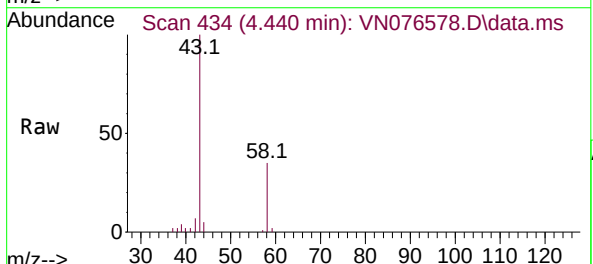
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2

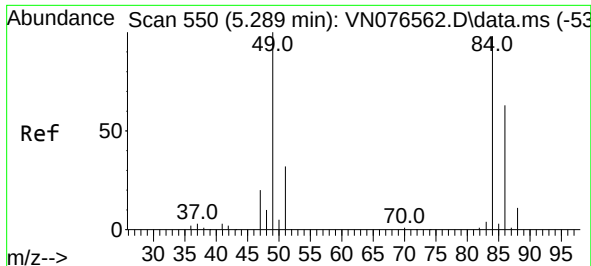
Tgt Ion:168 Resp: 605279
Ion Ratio Lower Upper
168 100
99 58.6 47.8 71.8



#16
Acetone
Concen: 29.817 ug/l
RT: 4.440 min Scan# 434
Delta R.T. -0.002 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

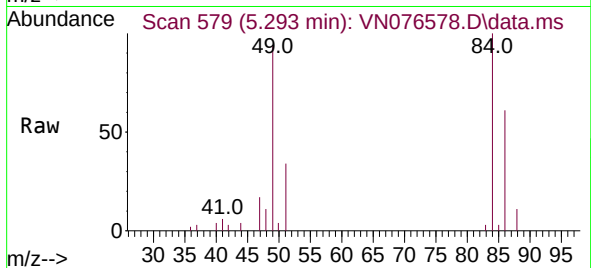
Tgt Ion: 43 Resp: 70229
Ion Ratio Lower Upper
43 100
58 35.1 28.4 42.6



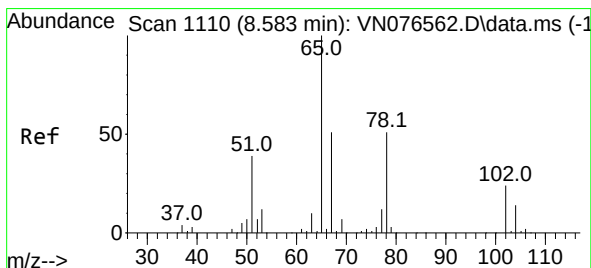
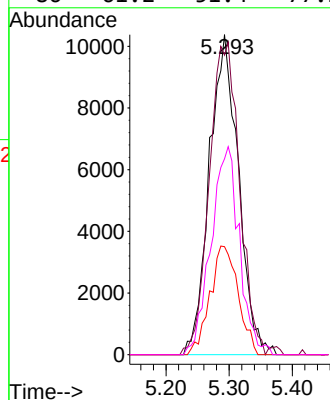
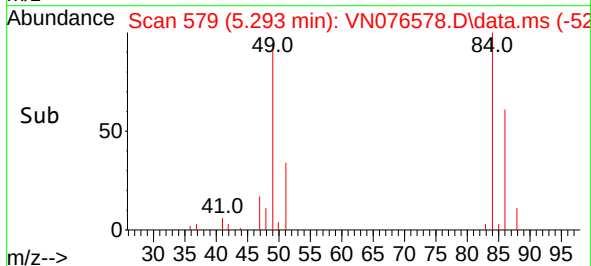


#20
Methylene Chloride
Concen: 4.565 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.004 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33

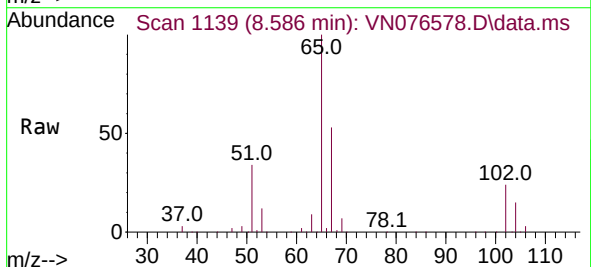
Instrument :
MSVOA_N
ClientSampleId :
TCLP-2



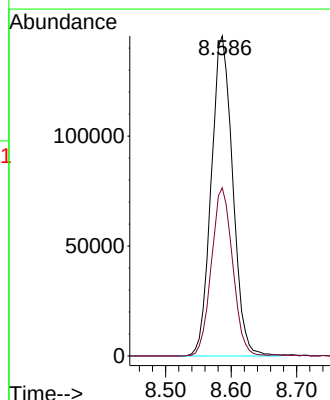
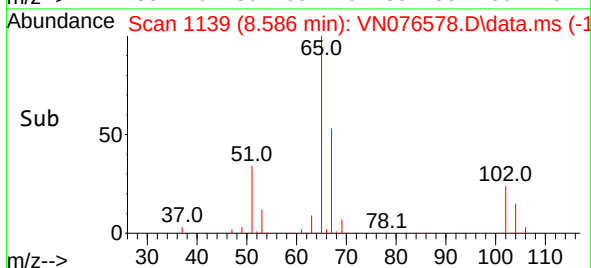
Tgt Ion: 84	Resp: 33149
Ion Ratio	Lower Upper
84 100	
49 93.6	82.0 123.0
51 33.7	26.0 39.0
86 61.2	51.4 77.2

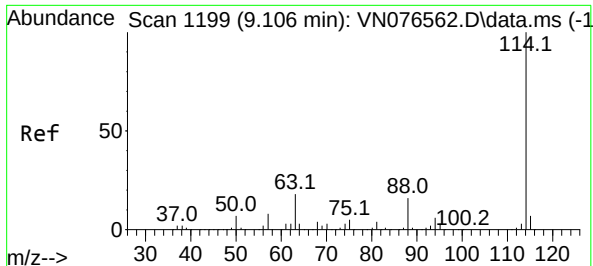


#33
1,2-Dichloroethane-d4
Concen: 46.331 ug/l
RT: 8.586 min Scan# 1139
Delta R.T. 0.003 min
Lab File: VN076578.D
Acq: 08 Feb 2023 14:33



Tgt Ion: 65	Resp: 330997
Ion Ratio	Lower Upper
65 100	
67 51.9	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: VN076578.D

Acq: 08 Feb 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

TCLP-2

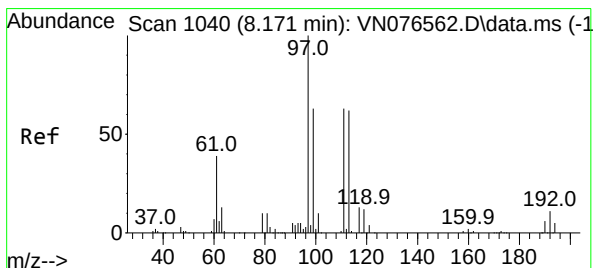
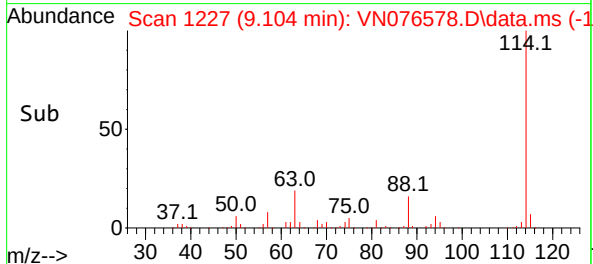
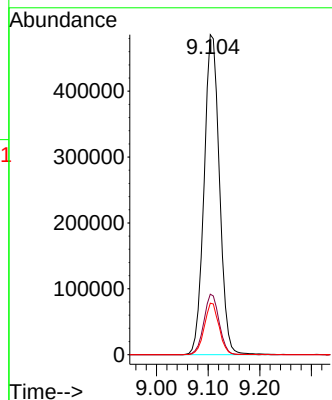
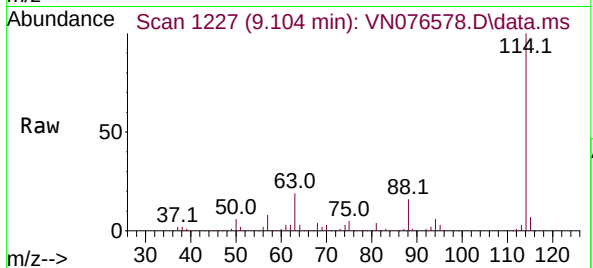
Tgt Ion:114 Resp: 1003788

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.6

88 16.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.021 ug/l

RT: 8.175 min Scan# 1069

Delta R.T. 0.004 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

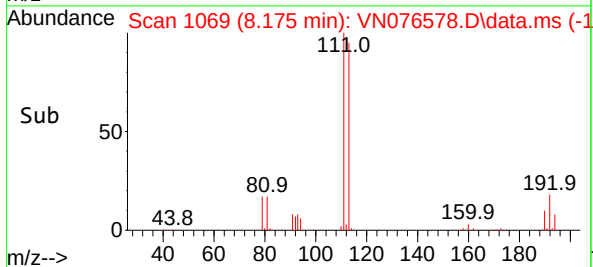
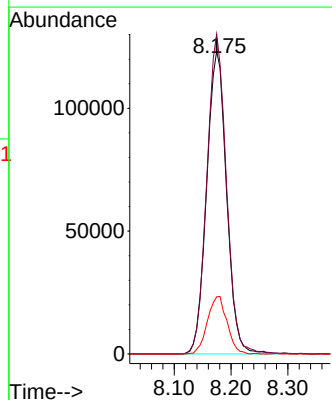
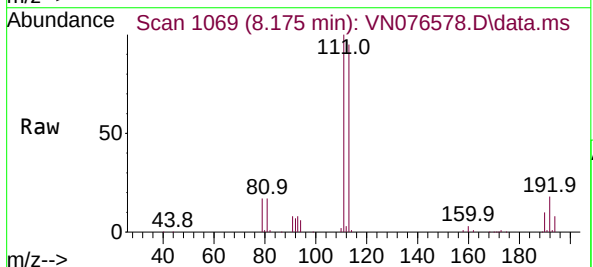
Tgt Ion:113 Resp: 299642

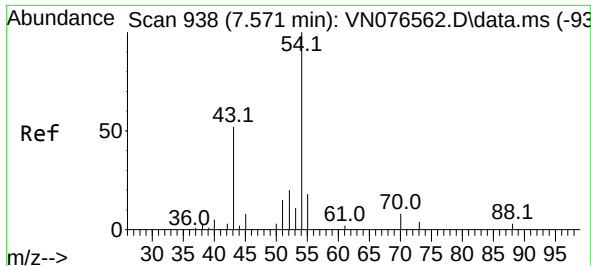
Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

192 18.7 14.8 22.2





#37

Ethyl Acetate

Concen: 9.536 ug/l

RT: 7.569 min Scan# 91

Delta R.T. -0.002 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

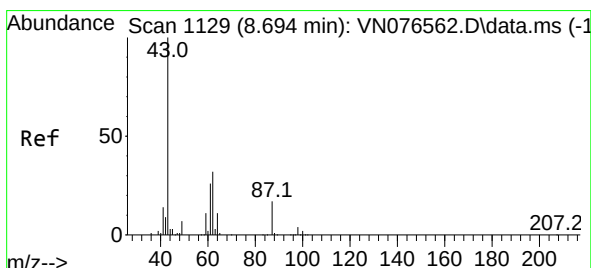
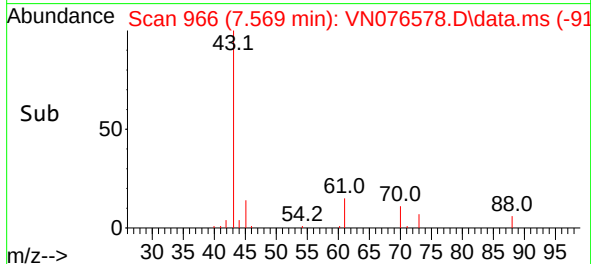
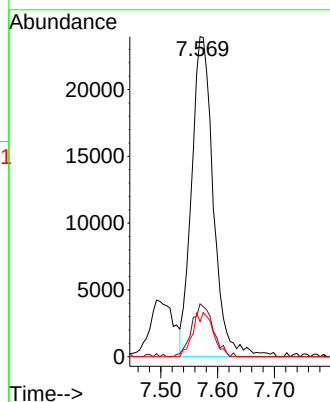
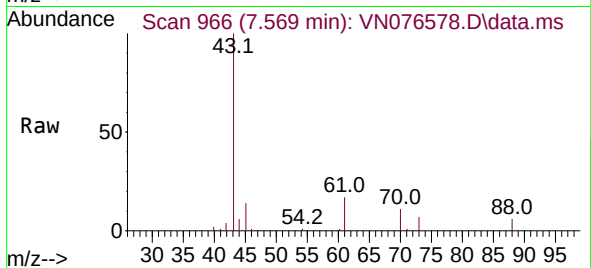
Instrument :

MSVOA_N

ClientSampleId :

TCLP-2

Tgt Ion:	43	Resp:	63650
Ion	Ratio	Lower	Upper
43	100		
61	16.2	11.8	17.6
70	12.9	10.4	15.6



#43

Isopropyl Acetate

Concen: 30.941 ug/l

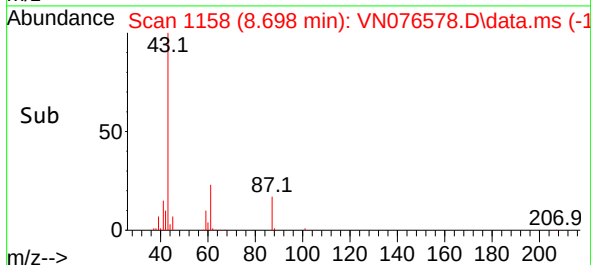
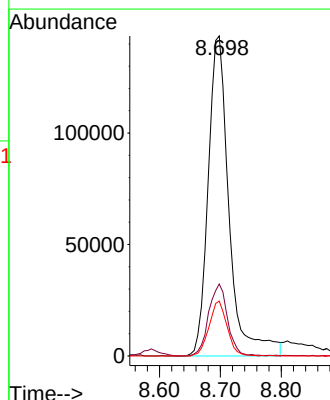
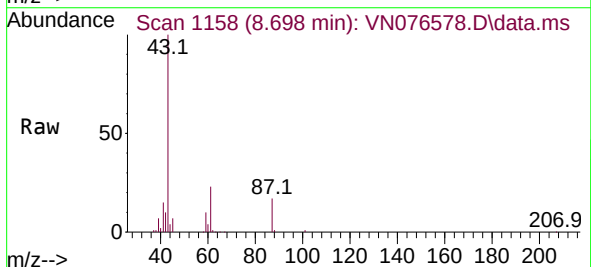
RT: 8.698 min Scan# 1158

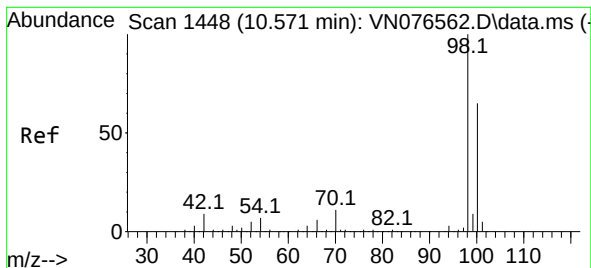
Delta R.T. 0.004 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Tgt Ion:	43	Resp:	343650
Ion	Ratio	Lower	Upper
43	100		
61	20.3	24.5	36.7#
87	14.7	13.6	20.4





#50

Toluene-d8

Concen: 50.511 ug/l

RT: 10.569 min Scan# 1448

Delta R.T. -0.002 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

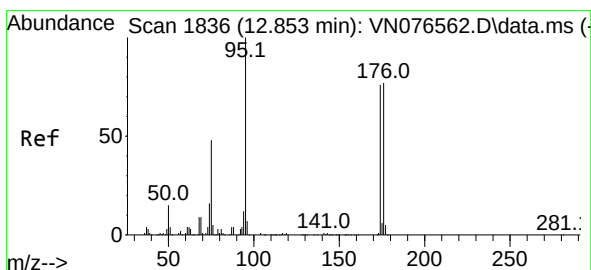
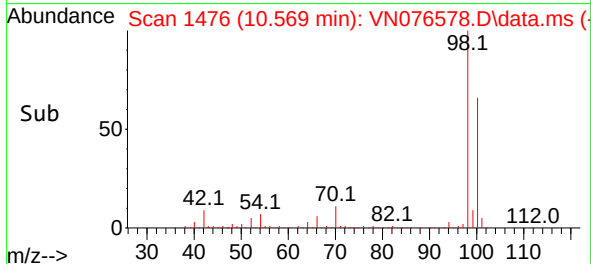
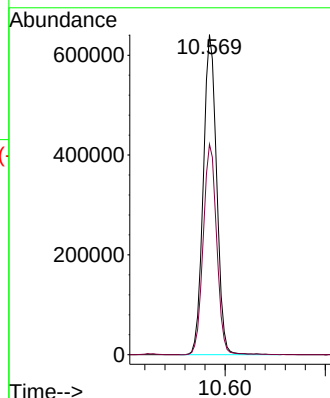
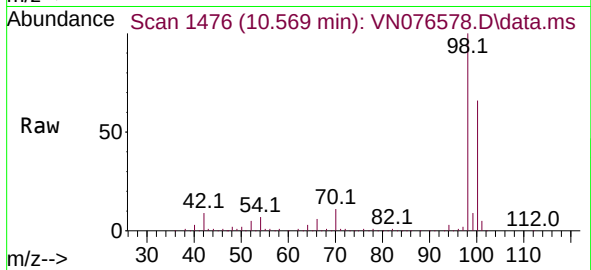
TCLP-2

Tgt Ion: 98 Resp: 1185727

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.902 ug/l

RT: 12.851 min Scan# 1864

Delta R.T. -0.002 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

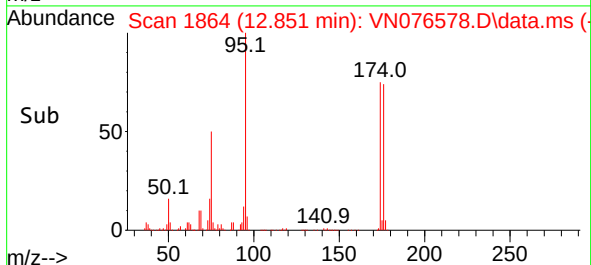
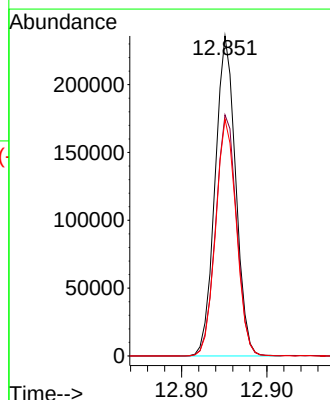
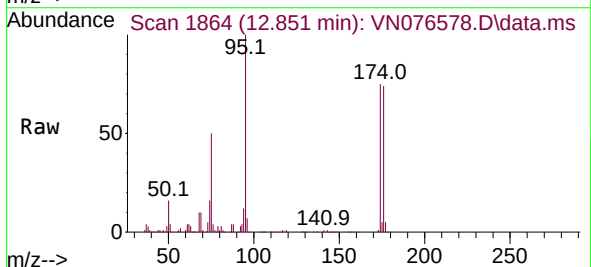
Tgt Ion: 95 Resp: 396146

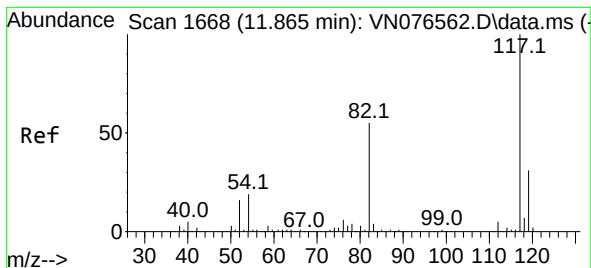
Ion Ratio Lower Upper

95 100

174 76.9 0.0 154.0

176 74.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.869 min Scan# 1

Delta R.T. 0.004 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

Instrument :

MSVOA_N

ClientSampleId :

TCLP-2

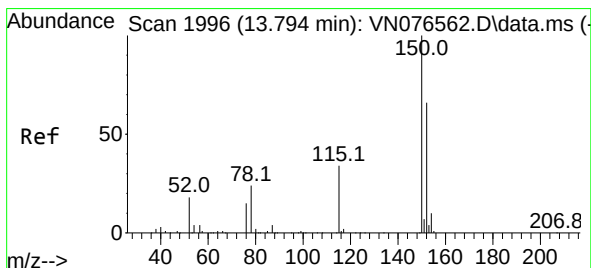
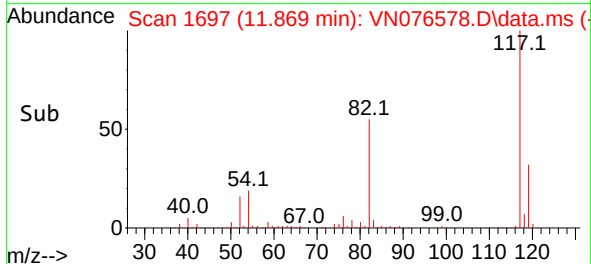
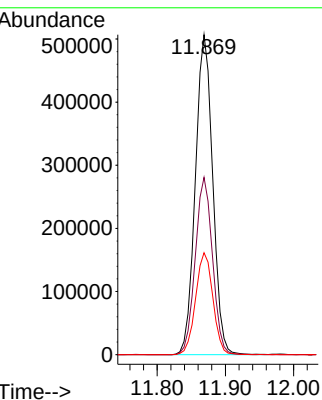
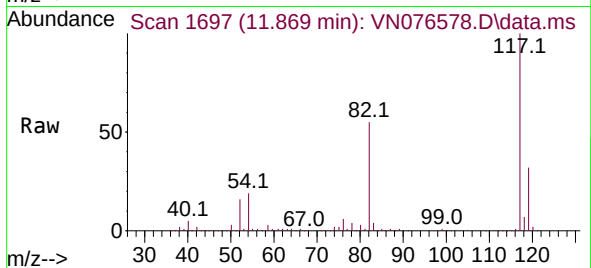
Tgt Ion:117 Resp: 897851

Ion Ratio Lower Upper

117 100

82 55.4 44.2 66.4

119 31.8 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.798 min Scan# 2025

Delta R.T. 0.004 min

Lab File: VN076578.D

Acq: 08 Feb 2023 14:33

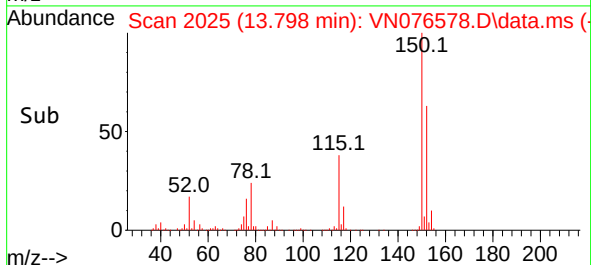
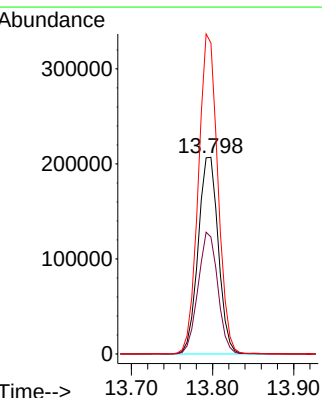
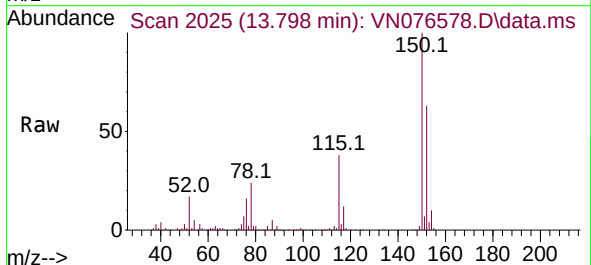
Tgt Ion:152 Resp: 356758

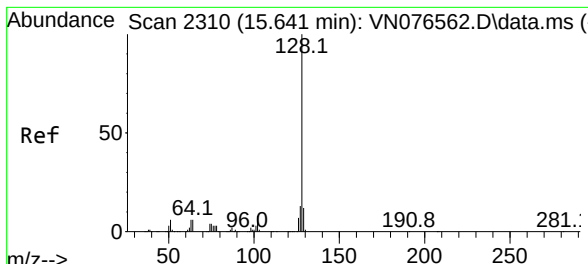
Ion Ratio Lower Upper

152 100

115 60.7 30.8 92.3

150 157.3 0.0 348.8





#95
 Naphthalene
 Concen: 1.155 ug/l
 RT: 15.645 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: VN076578.D
 Acq: 08 Feb 2023 14:33

Instrument : MSVOA_N
 ClientSampleId : TCLP-2

Tgt Ion:	128	Resp:	18980
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	9.3	8.6	13.0

