

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076581.D
 Acq On : 08 Feb 2023 15:46
 Operator : JC\MD
 Sample : 01465-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-1

Quant Time: Feb 09 00:49:48 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)

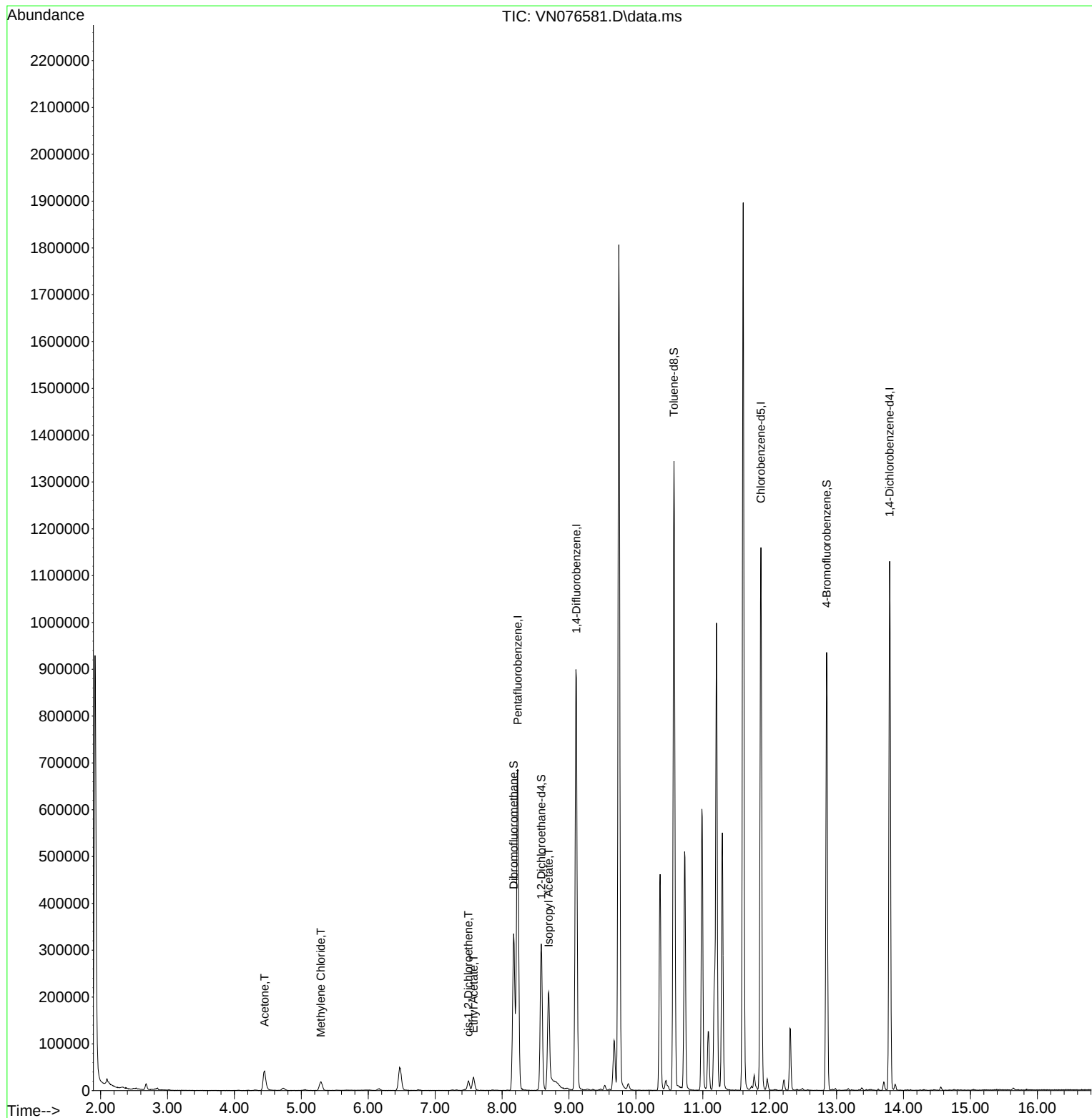
Internal Standards						
1) Pentafluorobenzene	8.233	168	548257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.110	114	862075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.869	117	749438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.792	152	331542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.586	65	258585	39.960	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	79.920%
35) Dibromofluoromethane	8.175	113	248343	46.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.680%
50) Toluene-d8	10.569	98	989123	49.063	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.851	95	340382	47.925	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.840%
Target Compounds						
					Qvalue	
16) Acetone	4.451	43	76476	35.846	ug/l	92
20) Methylene Chloride	5.293	84	17726	2.695	ug/l #	87
27) cis-1,2-Dichloroethene	7.498	96	8249	1.184	ug/l	92
37) Ethyl Acetate	7.575	43	40809	7.119	ug/l #	91
43) Isopropyl Acetate	8.698	43	245401	25.727	ug/l #	88

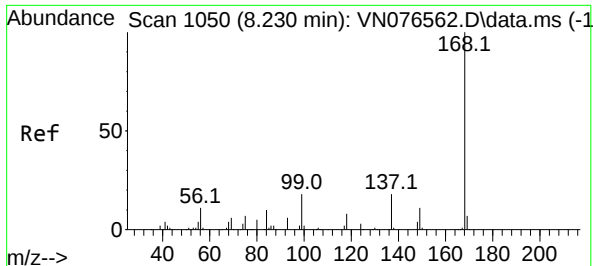
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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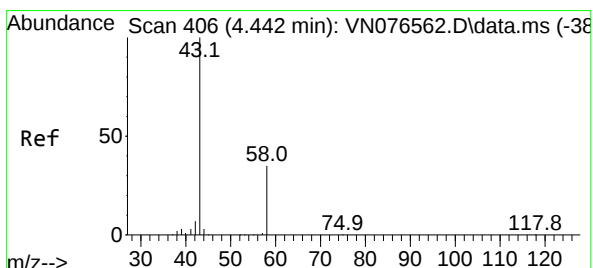
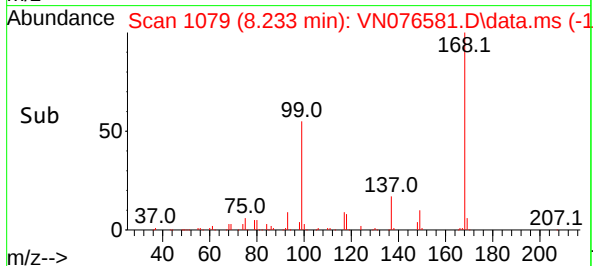
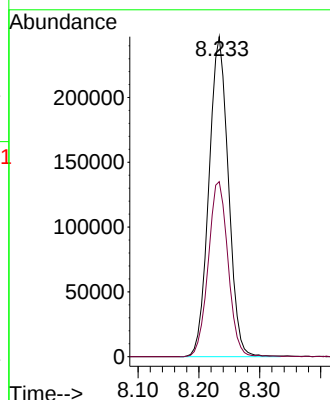
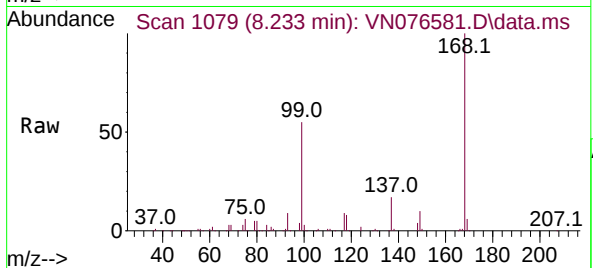




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.233 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VN076581.D
Acq: 08 Feb 2023 15:46

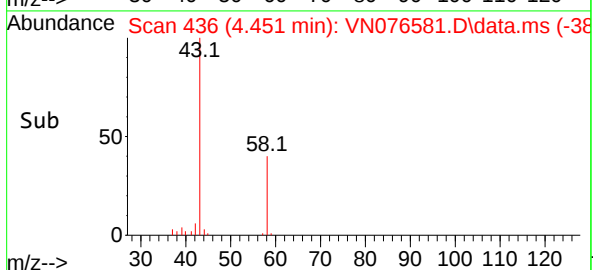
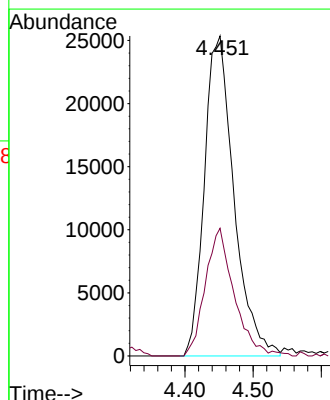
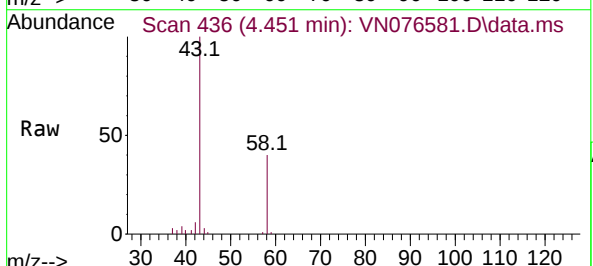
Instrument :
MSVOA_N
ClientSampleId :
TCLP-1

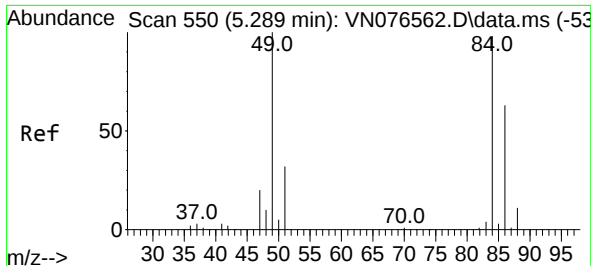
Tgt Ion:168 Resp: 548257
Ion Ratio Lower Upper
168 100
99 54.7 47.8 71.8



#16
Acetone
Concen: 35.846 ug/l
RT: 4.451 min Scan# 436
Delta R.T. 0.009 min
Lab File: VN076581.D
Acq: 08 Feb 2023 15:46

Tgt Ion: 43 Resp: 76476
Ion Ratio Lower Upper
43 100
58 39.9 28.4 42.6





#20

Methylene Chloride

Concen: 2.695 ug/l

RT: 5.293 min Scan# 51

Delta R.T. 0.004 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

Instrument :

MSVOA_N

ClientSampleId :

TCLP-1

Tgt Ion: 84 Resp: 17726

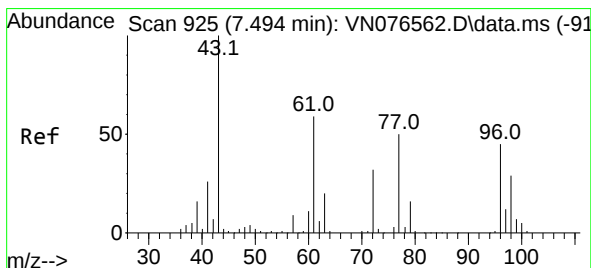
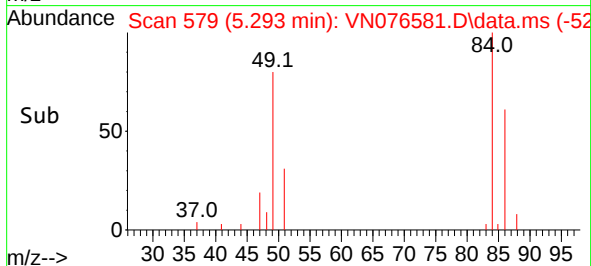
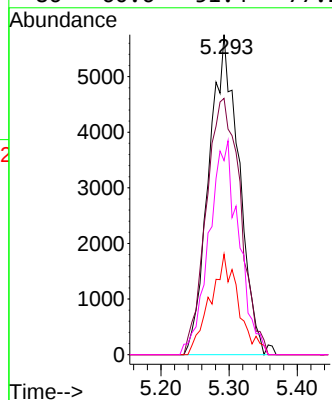
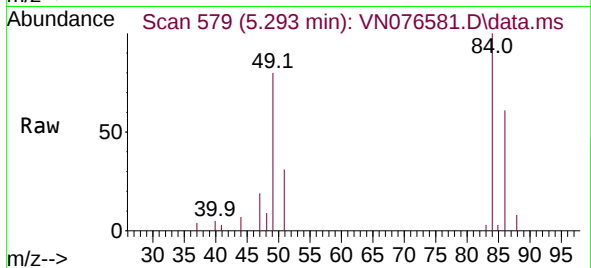
Ion Ratio Lower Upper

84 100

49 80.1 82.0 123.0#

51 31.4 26.0 39.0

86 60.6 51.4 77.2



#27

cis-1,2-Dichloroethene

Concen: 1.184 ug/l

RT: 7.498 min Scan# 954

Delta R.T. 0.004 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

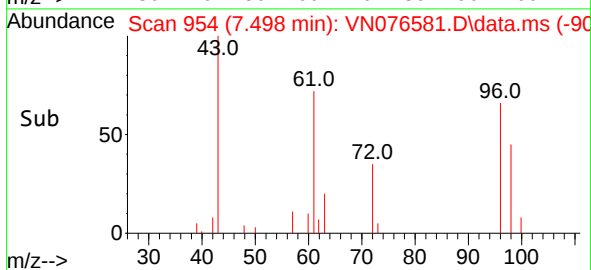
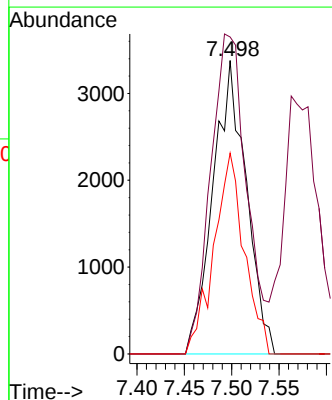
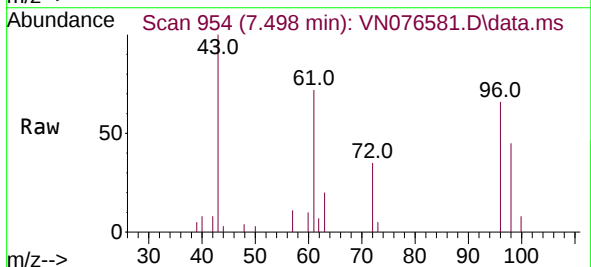
Tgt Ion: 96 Resp: 8249

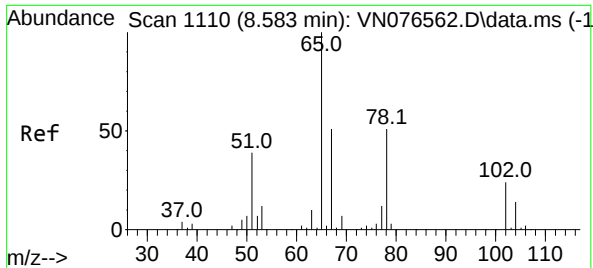
Ion Ratio Lower Upper

96 100

61 119.1 0.0 262.2

98 62.6 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 39.960 ug/l

RT: 8.586 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

Instrument :

MSVOA_N

ClientSampleId :

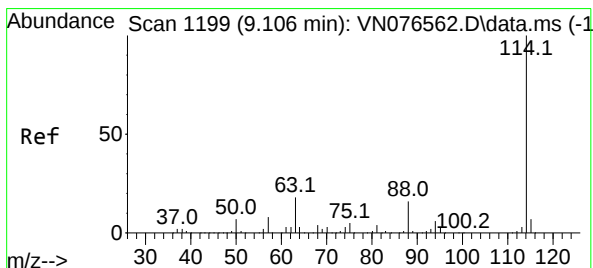
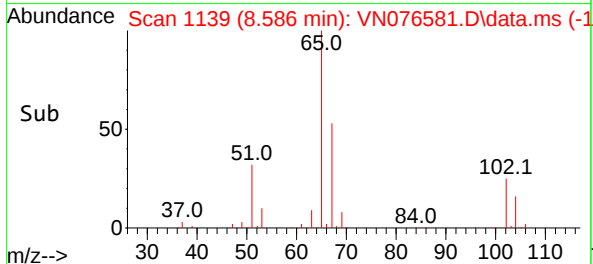
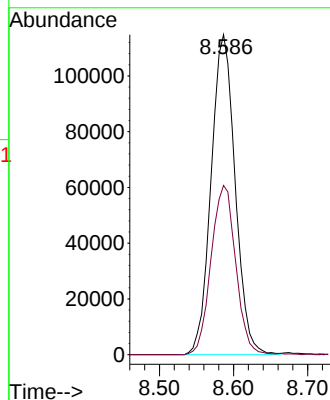
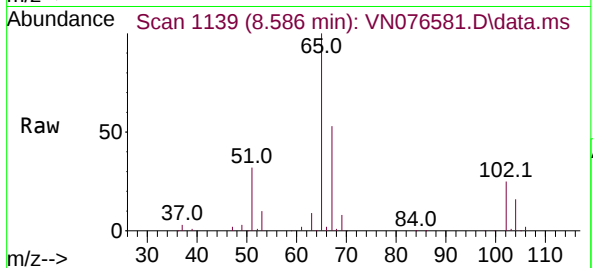
TCLP-1

Tgt Ion: 65 Resp: 258585

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.110 min Scan# 1228

Delta R.T. 0.004 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

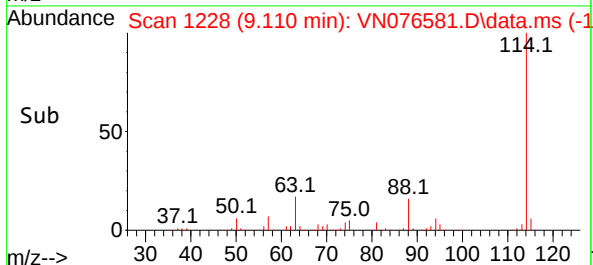
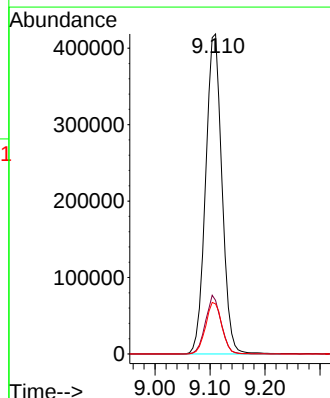
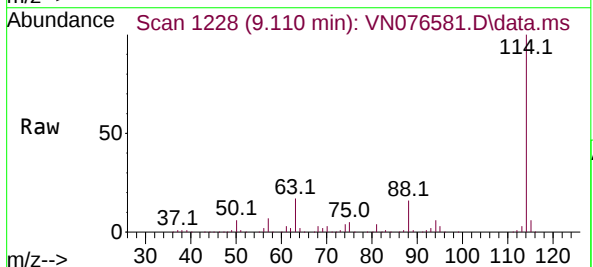
Tgt Ion: 114 Resp: 862075

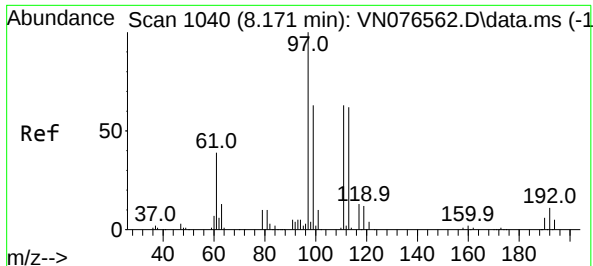
Ion Ratio Lower Upper

114 100

63 16.8 0.0 36.6

88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.342 ug/l

RT: 8.175 min Scan# 1040

Delta R.T. 0.004 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

Instrument :

MSVOA_N

ClientSampleId :

TCLP-1

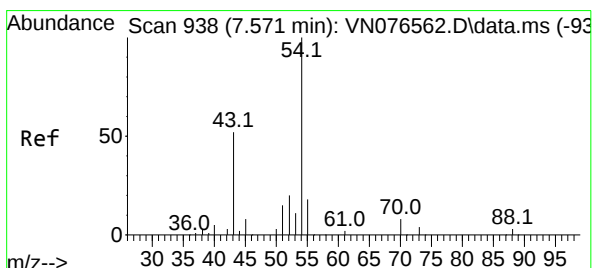
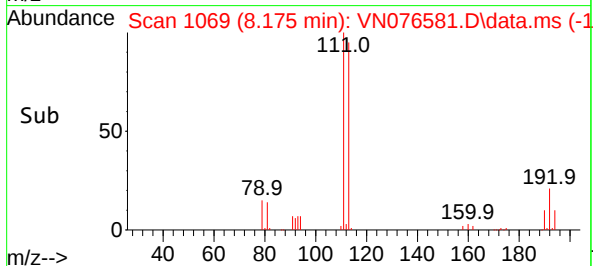
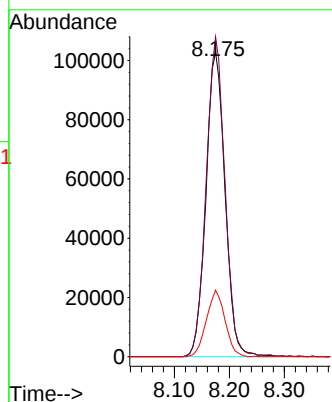
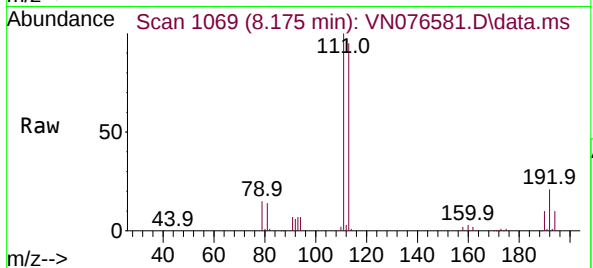
Tgt Ion:113 Resp: 248343

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 21.2 14.8 22.2



#37

Ethyl Acetate

Concen: 7.119 ug/l

RT: 7.575 min Scan# 967

Delta R.T. 0.004 min

Lab File: VN076581.D

Acq: 08 Feb 2023 15:46

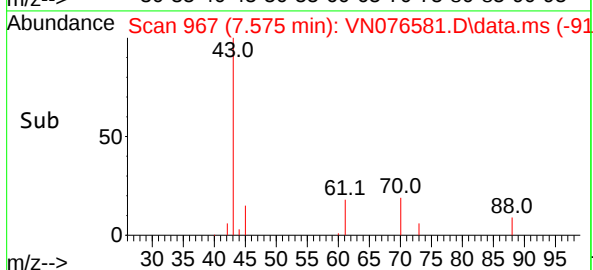
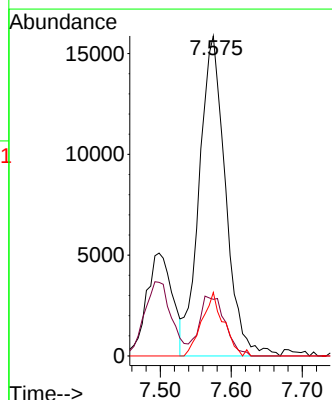
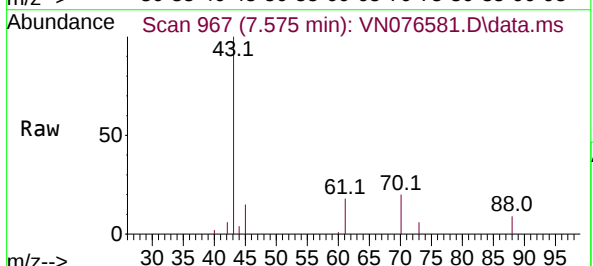
Tgt Ion: 43 Resp: 40809

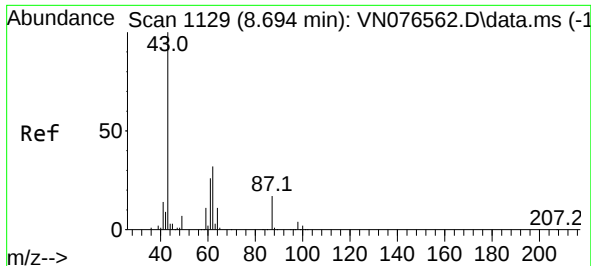
Ion Ratio Lower Upper

43 100

61 18.4 11.8 17.6#

70 16.5 10.4 15.6#

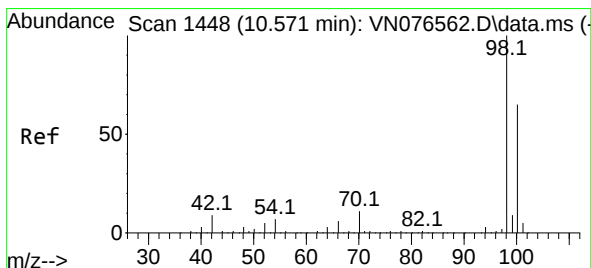
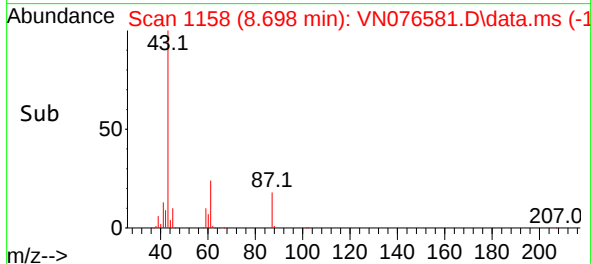
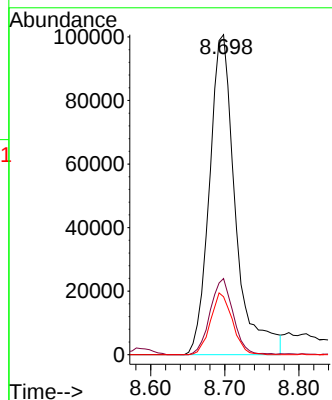
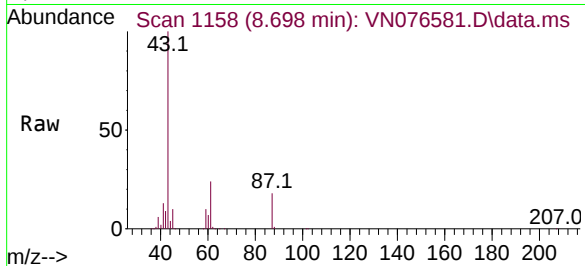




#43
Isopropyl Acetate
Concen: 25.727 ug/l
RT: 8.698 min Scan# 1158
Delta R.T. 0.004 min
Lab File: VN076581.D
Acq: 08 Feb 2023 15:46

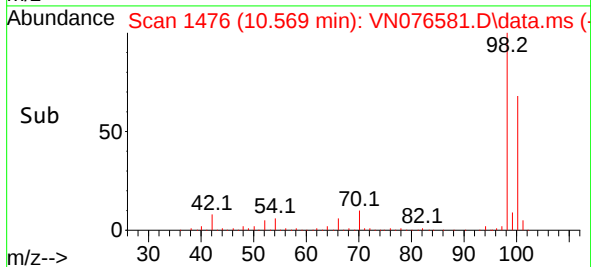
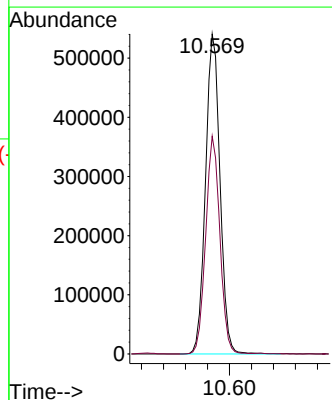
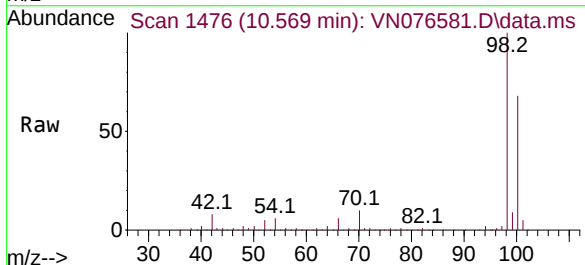
Instrument :
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ClientSampleId :
TCLP-1

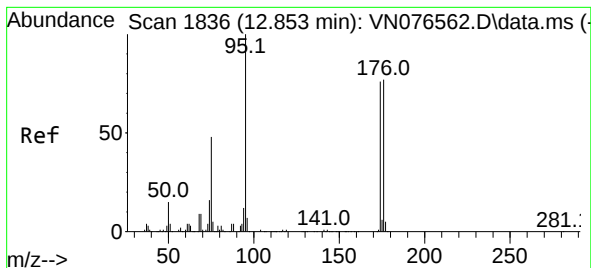
Tgt Ion: 43 Resp: 245401
Ion Ratio Lower Upper
43 100
61 21.0 24.5 36.7#
87 16.2 13.6 20.4



#50
Toluene-d8
Concen: 49.063 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076581.D
Acq: 08 Feb 2023 15:46

Tgt Ion: 98 Resp: 989123
Ion Ratio Lower Upper
98 100
100 66.7 52.9 79.3

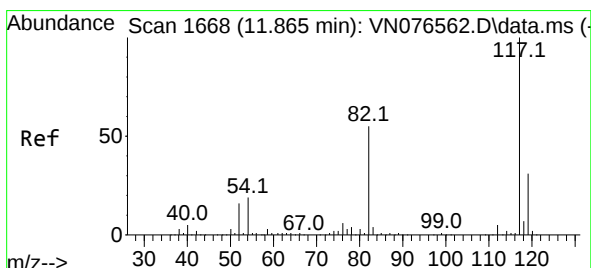
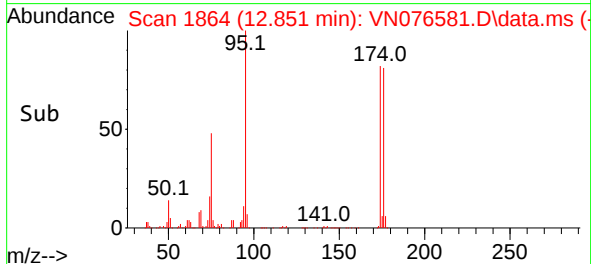
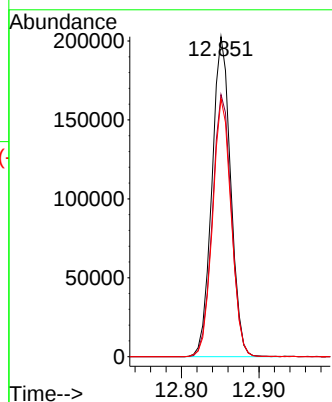
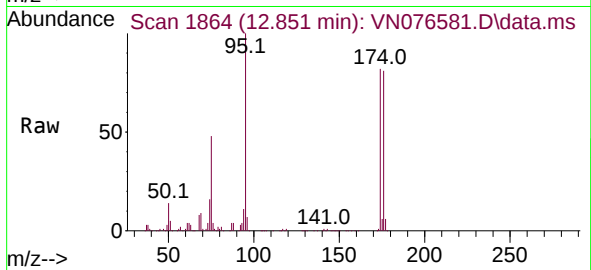




#62
4-Bromofluorobenzene
Concen: 47.925 ug/l
RT: 12.851 min Scan# 1836
Delta R.T. -0.002 min
Lab File: VN076581.D
Acq: 08 Feb 2023 15:46

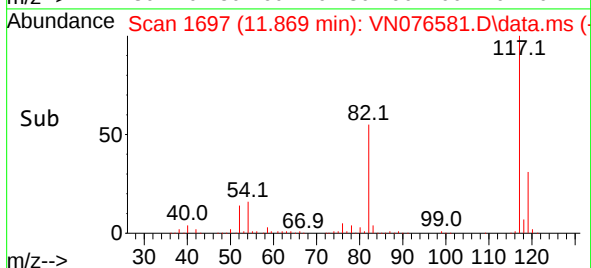
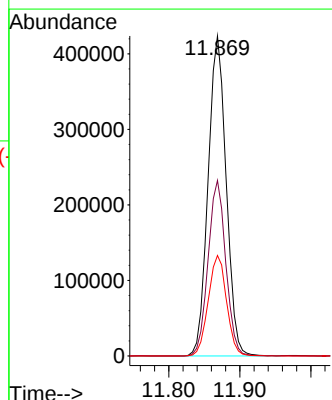
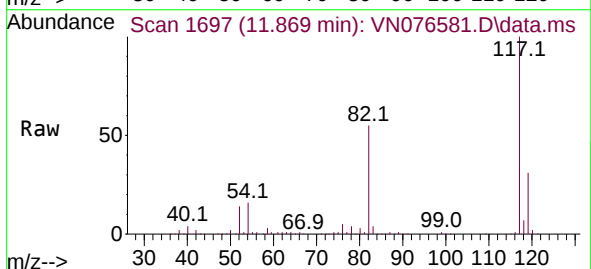
Instrument :
MSVOA_N
ClientSampleId :
TCLP-1

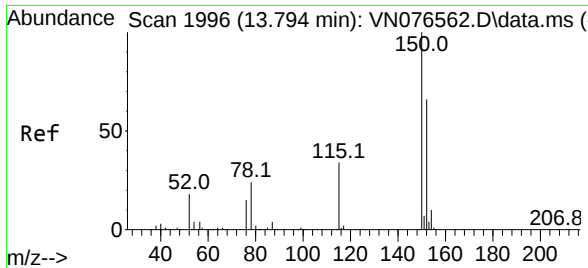
Tgt Ion: 95 Resp: 340382
Ion Ratio Lower Upper
95 100
174 83.1 0.0 154.0
176 80.1 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.869 min Scan# 1697
Delta R.T. 0.004 min
Lab File: VN076581.D
Acq: 08 Feb 2023 15:46

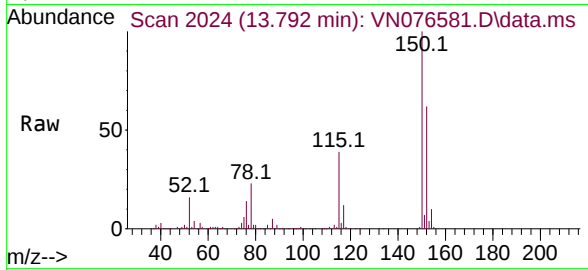
Tgt Ion: 117 Resp: 749438
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 31.4 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.792 min Scan# 20
 Delta R.T. -0.002 min
 Lab File: VN076581.D
 Acq: 08 Feb 2023 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-1



Tgt Ion:	152	Resp:	331542
Ion Ratio	Lower	Upper	
152	100		
115	61.2	30.8	92.3
150	159.1	0.0	348.8

