

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076580.D
 Acq On : 08 Feb 2023 15:22
 Operator : JC\MD
 Sample : 01464-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-8

Quant Time: Feb 09 00:49:15 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)

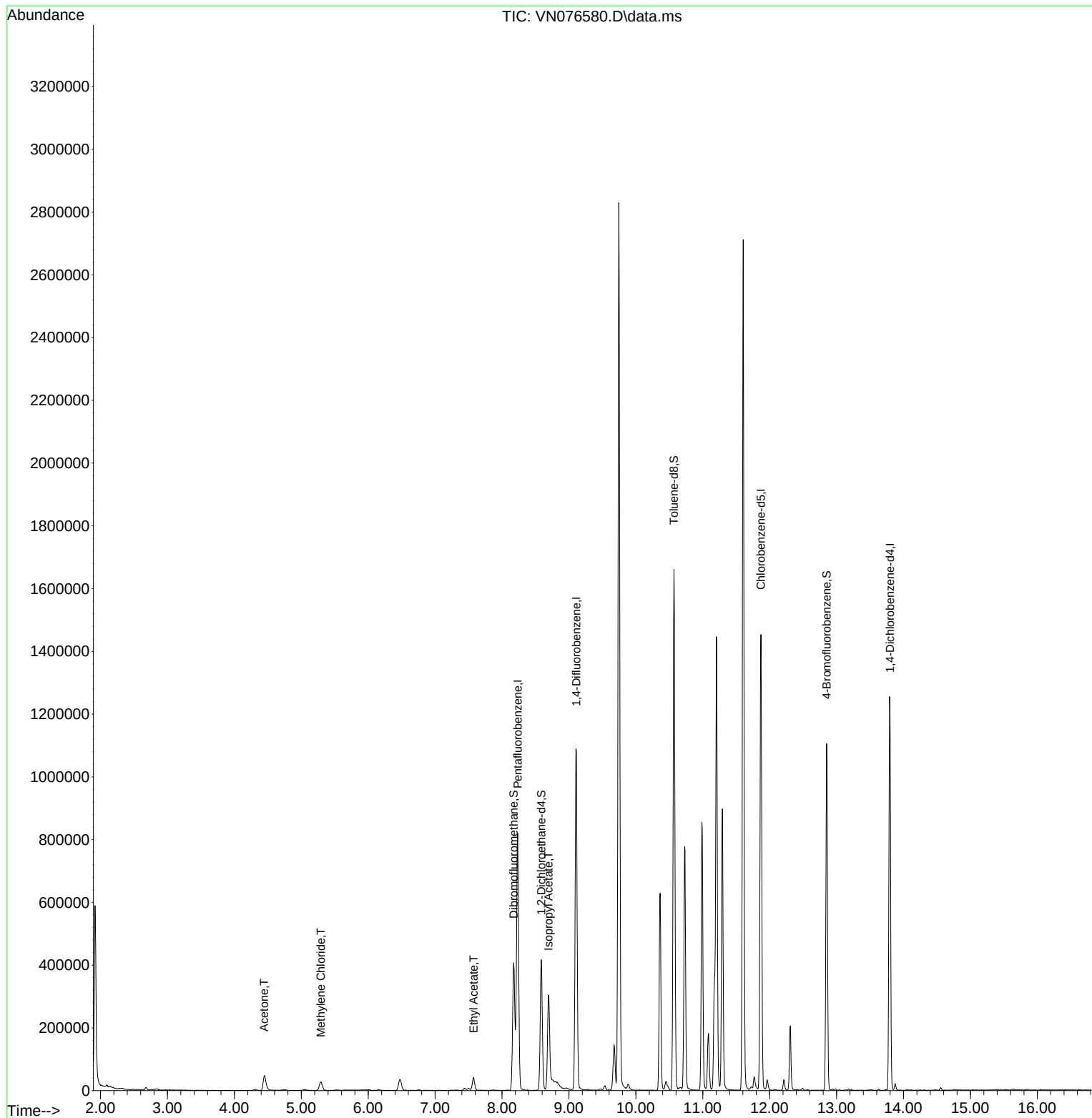
Internal Standards						
1) Pentafluorobenzene	8.234	168	612079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.110	114	1021234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.869	117	910434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.798	152	365816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.587	65	337836	46.763	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.520%
35) Dibromofluoromethane	8.175	113	302550	47.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.320%
50) Toluene-d8	10.569	98	1195819	50.071	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.851	95	400593	47.612	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.220%
Target Compounds						
					Qvalue	
16) Acetone	4.446	43	91175	38.280	ug/l	98
20) Methylene Chloride	5.293	84	23928	3.259	ug/l	94
37) Ethyl Acetate	7.575	43	60303	8.880	ug/l	98
43) Isopropyl Acetate	8.692	43	354221	31.348	ug/l #	84

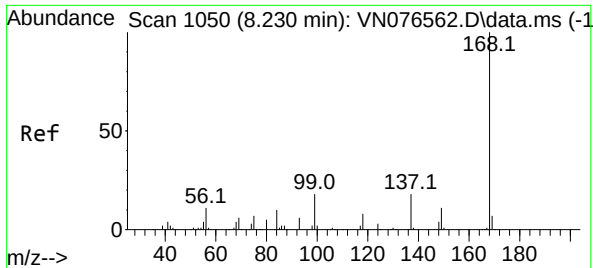
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

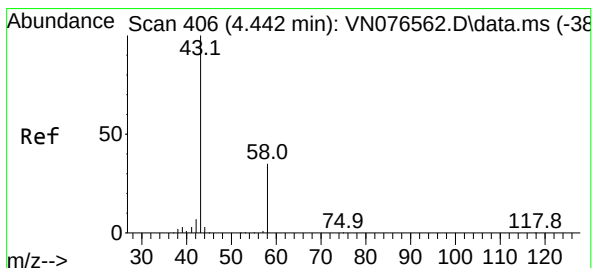
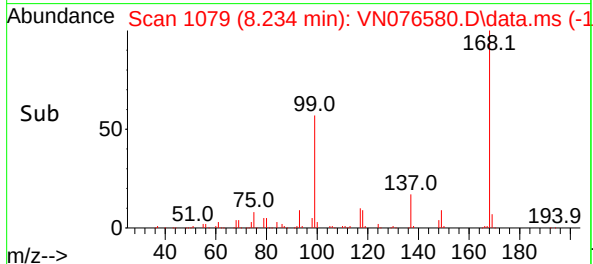
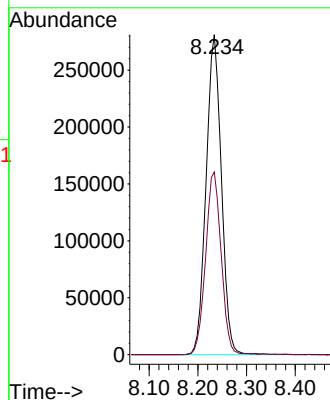
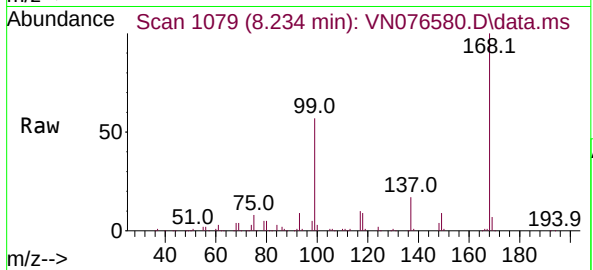




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.234 min Scan# 1050
Delta R.T. 0.004 min
Lab File: VN076580.D
Acq: 08 Feb 2023 15:22

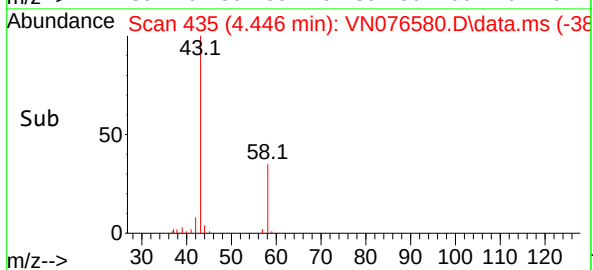
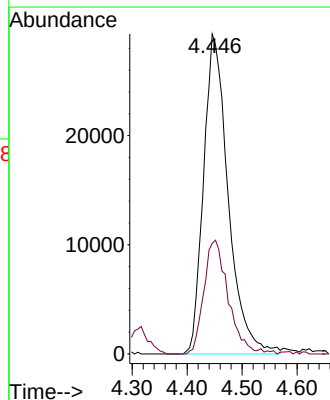
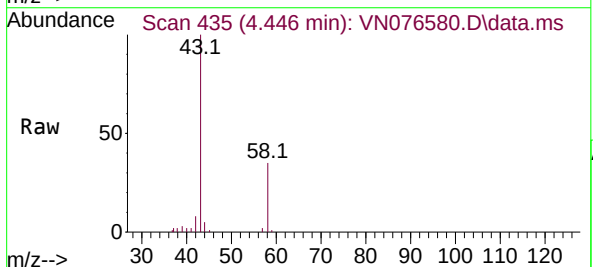
Instrument :
MSVOA_N
ClientSampleId :
TCLP-8

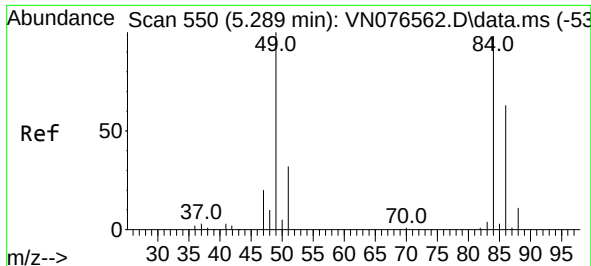
Tgt Ion:168 Resp: 612079
Ion Ratio Lower Upper
168 100
99 57.1 47.8 71.8



#16
Acetone
Concen: 38.280 ug/l
RT: 4.446 min Scan# 435
Delta R.T. 0.004 min
Lab File: VN076580.D
Acq: 08 Feb 2023 15:22

Tgt Ion: 43 Resp: 91175
Ion Ratio Lower Upper
43 100
58 34.5 28.4 42.6

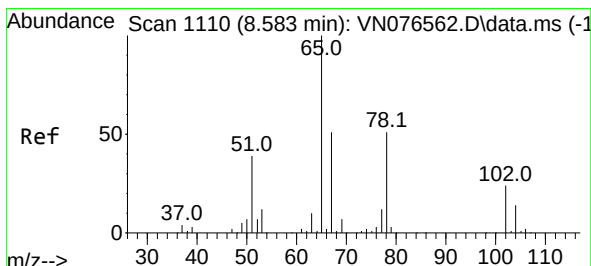
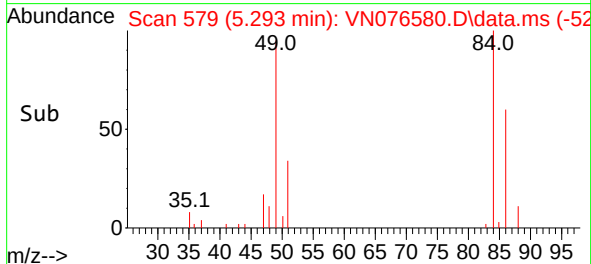
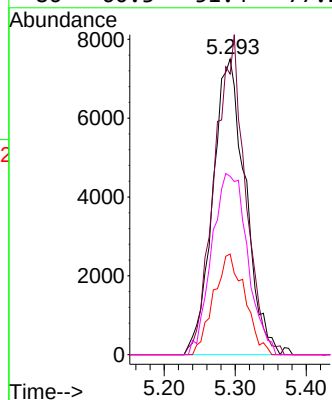
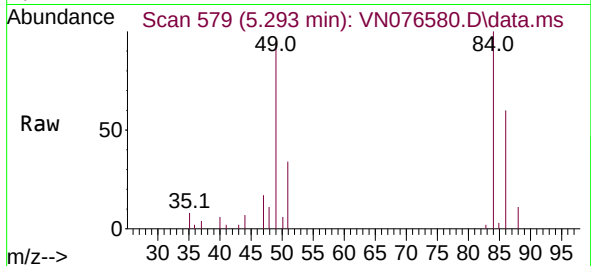




#20
Methylene Chloride
Concen: 3.259 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.004 min
Lab File: VN076580.D
Acq: 08 Feb 2023 15:22

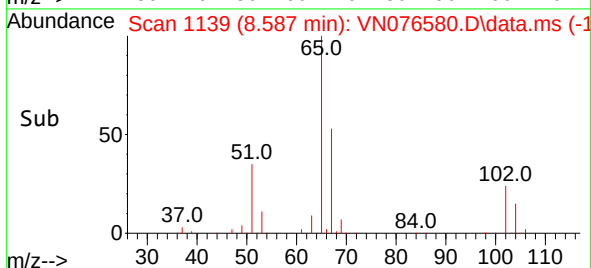
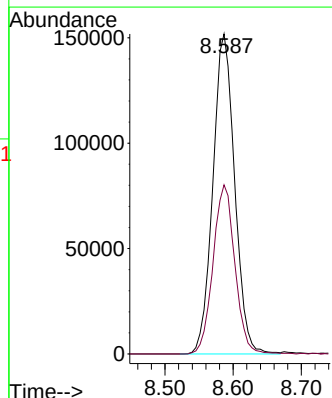
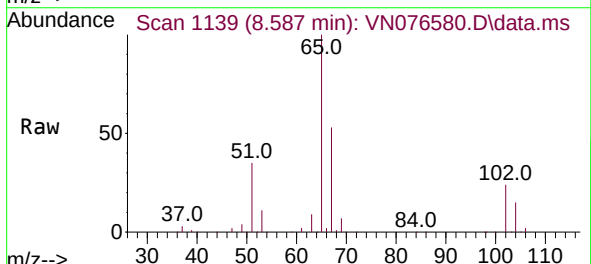
Instrument :
MSVOA_N
ClientSampleId :
TCLP-8

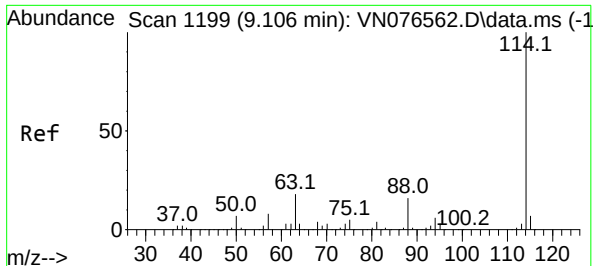
Tgt Ion: 84	Resp: 23928
Ion Ratio	Lower Upper
84 100	
49 94.9	82.0 123.0
51 34.0	26.0 39.0
86 60.3	51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 46.763 ug/l
RT: 8.587 min Scan# 1139
Delta R.T. 0.004 min
Lab File: VN076580.D
Acq: 08 Feb 2023 15:22

Tgt Ion: 65	Resp: 337836
Ion Ratio	Lower Upper
65 100	
67 52.9	0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.110 min Scan# 1199

Delta R.T. 0.004 min

Lab File: VN076580.D

Acq: 08 Feb 2023 15:22

Instrument :

MSVOA_N

ClientSampleId :

TCLP-8

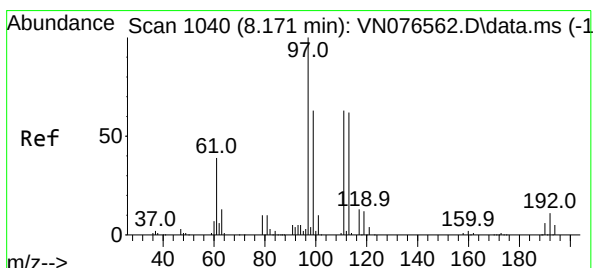
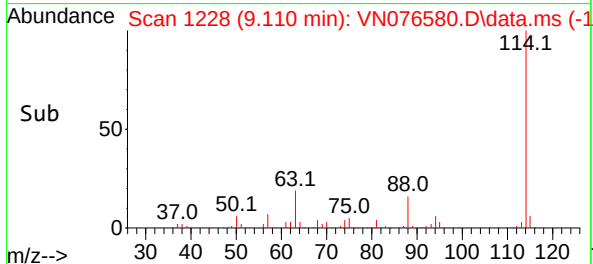
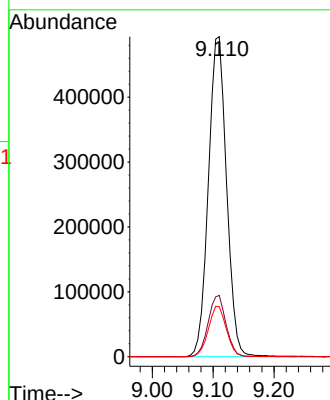
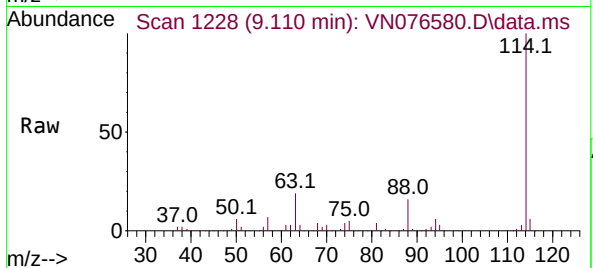
Tgt Ion:114 Resp: 1021234

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.6

88 15.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 47.658 ug/l

RT: 8.175 min Scan# 1069

Delta R.T. 0.004 min

Lab File: VN076580.D

Acq: 08 Feb 2023 15:22

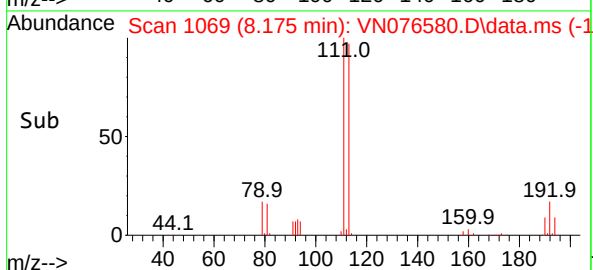
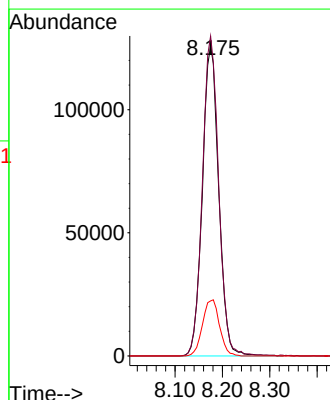
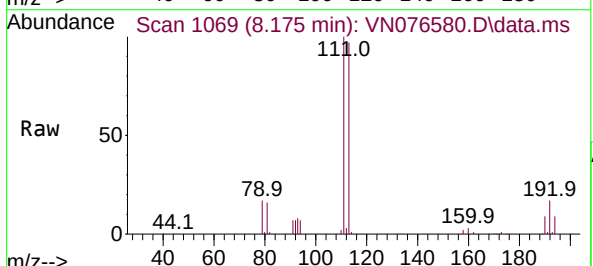
Tgt Ion:113 Resp: 302550

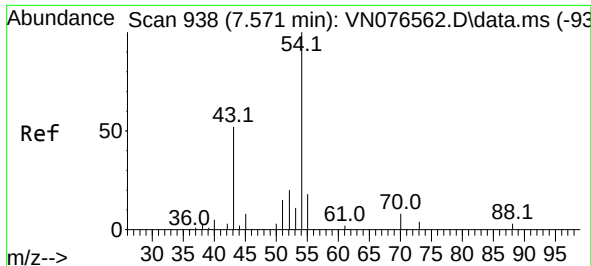
Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 18.8 14.8 22.2

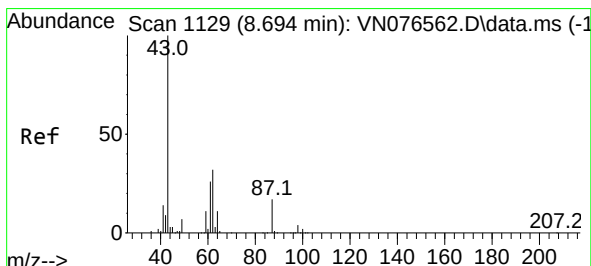
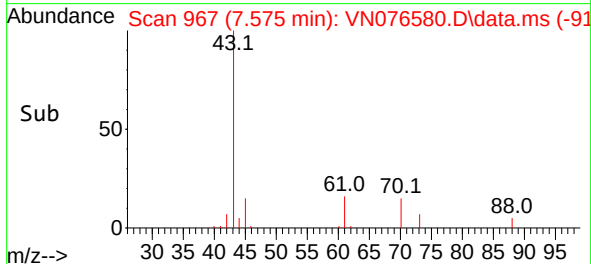
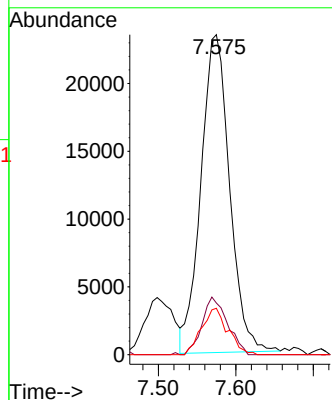
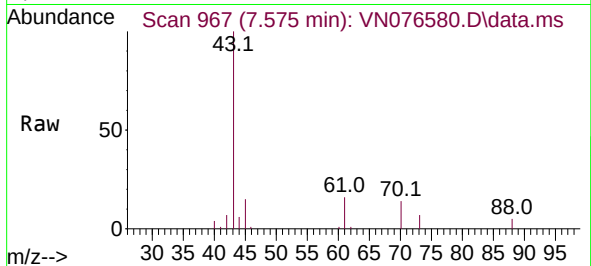




#37
Ethyl Acetate
Concen: 8.880 ug/l
RT: 7.575 min Scan# 91
Delta R.T. 0.004 min
Lab File: VN076580.D
Acq: 08 Feb 2023 15:22

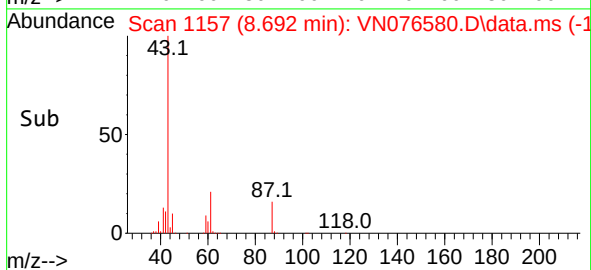
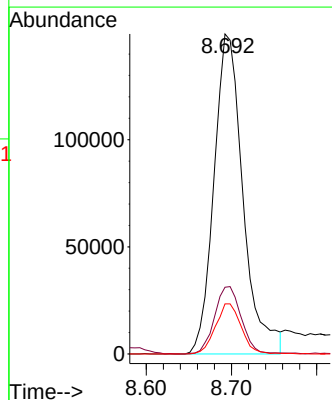
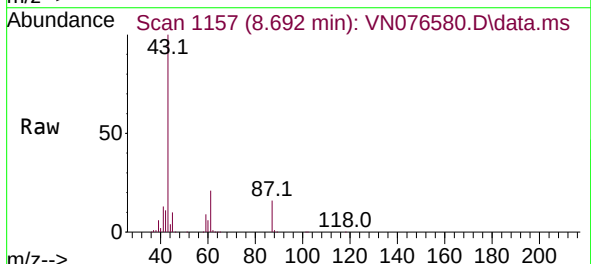
Instrument :
MSVOA_N
ClientSampleId :
TCLP-8

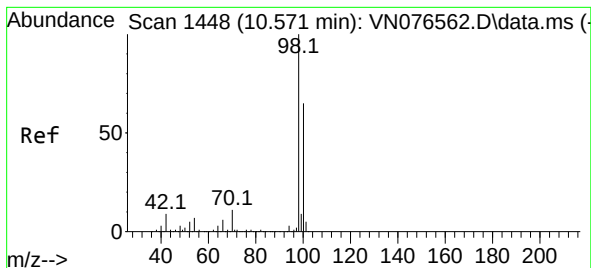
Tgt Ion:	43	Resp:	60303
Ion	Ratio	Lower	Upper
43	100		
61	16.1	11.8	17.6
70	13.4	10.4	15.6



#43
Isopropyl Acetate
Concen: 31.348 ug/l
RT: 8.692 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN076580.D
Acq: 08 Feb 2023 15:22

Tgt Ion:	43	Resp:	354221
Ion	Ratio	Lower	Upper
43	100		
61	19.4	24.5	36.7#
87	13.9	13.6	20.4





#50

Toluene-d8

Concen: 50.071 ug/l

RT: 10.569 min Scan# 1448

Delta R.T. -0.002 min

Lab File: VN076580.D

Acq: 08 Feb 2023 15:22

Instrument :

MSVOA_N

ClientSampleId :

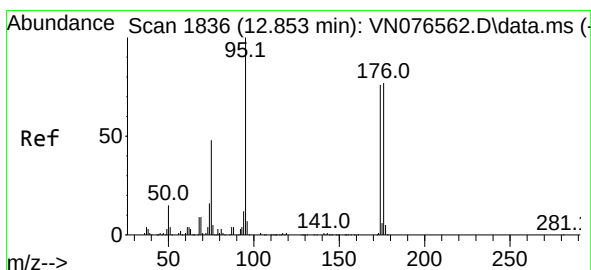
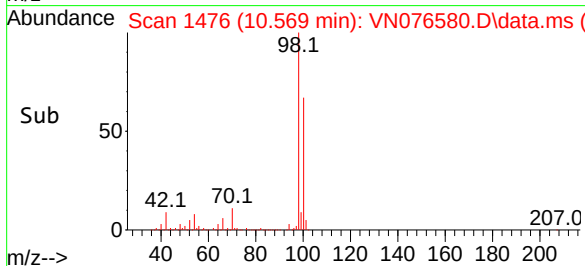
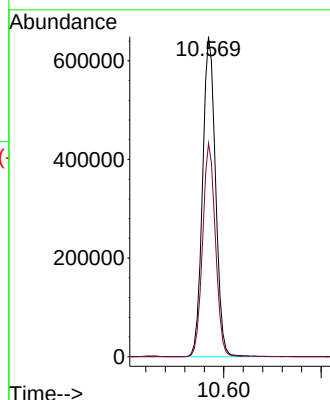
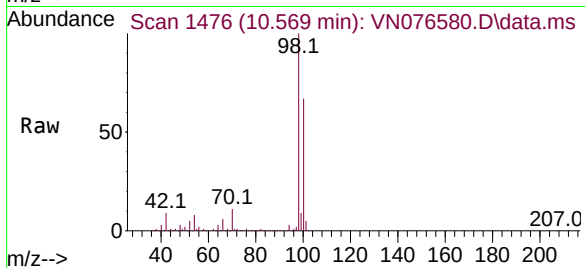
TCLP-8

Tgt Ion: 98 Resp: 1195819

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.612 ug/l

RT: 12.851 min Scan# 1864

Delta R.T. -0.002 min

Lab File: VN076580.D

Acq: 08 Feb 2023 15:22

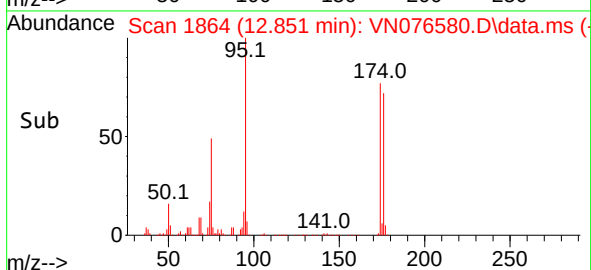
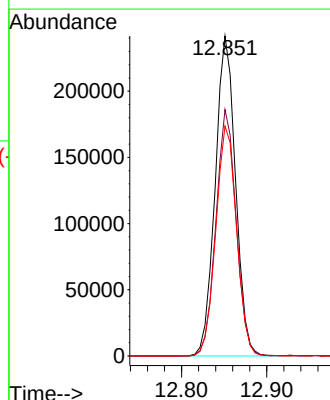
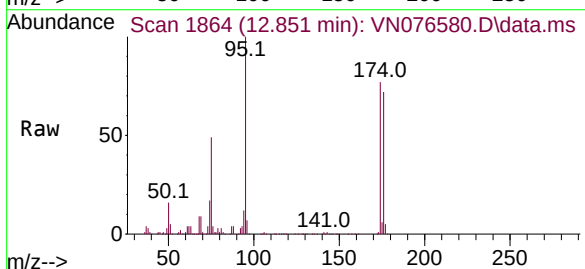
Tgt Ion: 95 Resp: 400593

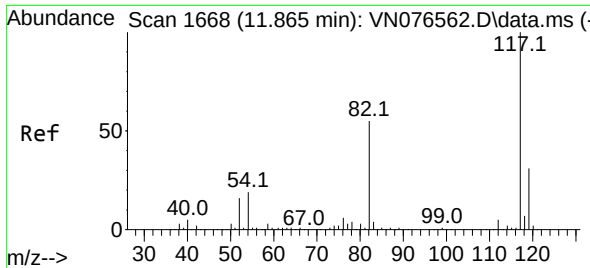
Ion Ratio Lower Upper

95 100

174 76.6 0.0 154.0

176 73.2 0.0 152.0

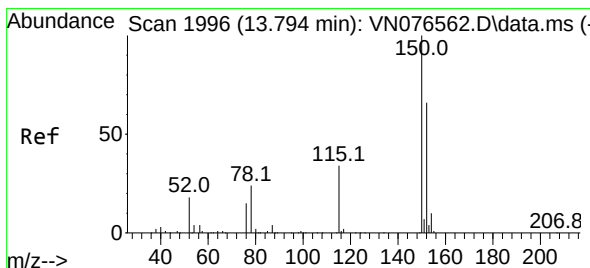
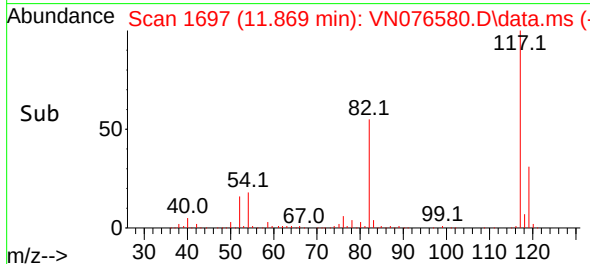
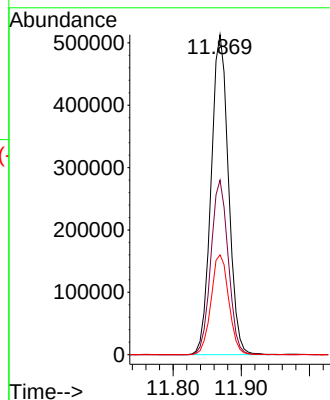
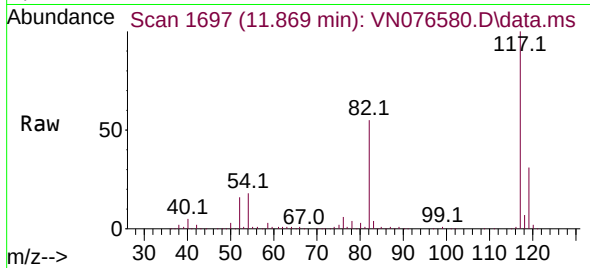




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.869 min Scan# 11
Delta R.T. 0.004 min
Lab File: VN076580.D
Acq: 08 Feb 2023 15:22

Instrument :
MSVOA_N
ClientSampleId :
TCLP-8

Tgt Ion:117 Resp: 910434
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.4
119 31.2 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: VN076580.D
Acq: 08 Feb 2023 15:22

Tgt Ion:152 Resp: 365816
Ion Ratio Lower Upper
152 100
115 60.9 30.8 92.3
150 156.2 0.0 348.8

