

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076589.D
 Acq On : 08 Feb 2023 18:58
 Operator : JC\MD
 Sample : 01462-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TCLP-1

Quant Time: Feb 09 00:53:44 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)

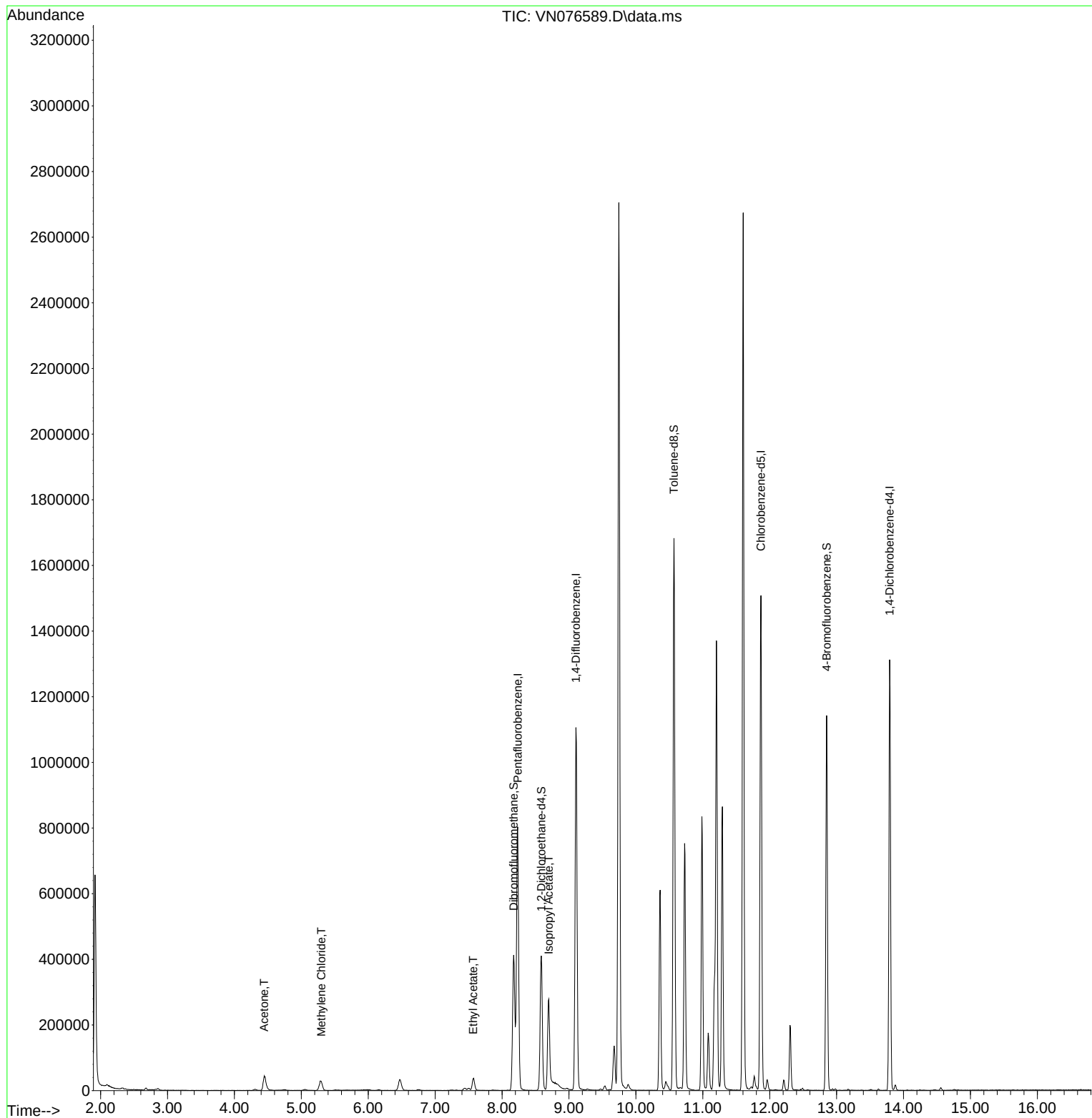
Internal Standards						
1) Pentafluorobenzene	8.233	168	606663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.104	114	1028229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.869	117	935237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.792	152	372596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.586	65	345431	48.242	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.480%
35) Dibromofluoromethane	8.175	113	305000	47.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.440%
50) Toluene-d8	10.569	98	1220742	50.767	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.851	95	412754	48.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.440%
Target Compounds						
					Qvalue	
16) Acetone	4.446	43	83531	35.384	ug/l	95
20) Methylene Chloride	5.298	84	26192	3.599	ug/l	91
37) Ethyl Acetate	7.569	43	53956	7.892	ug/l	97
43) Isopropyl Acetate	8.698	43	324741	28.543	ug/l #	85

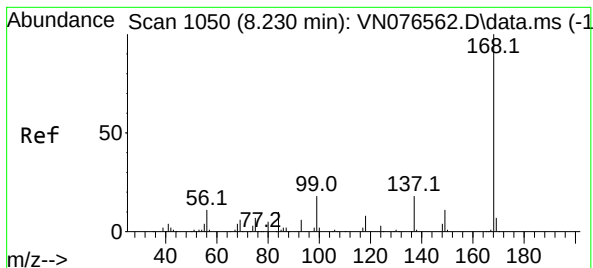
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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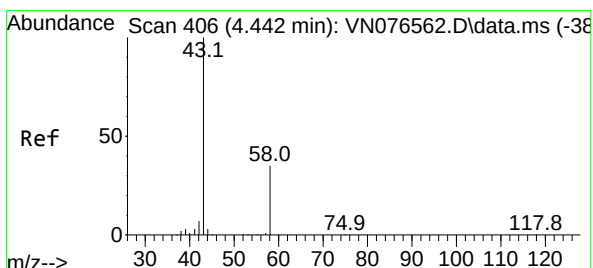
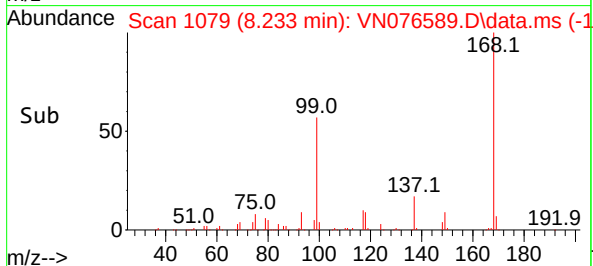
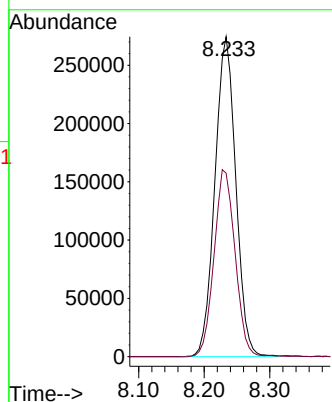
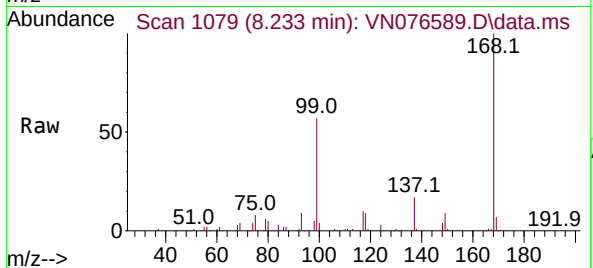




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.233 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VN076589.D
Acq: 08 Feb 2023 18:58

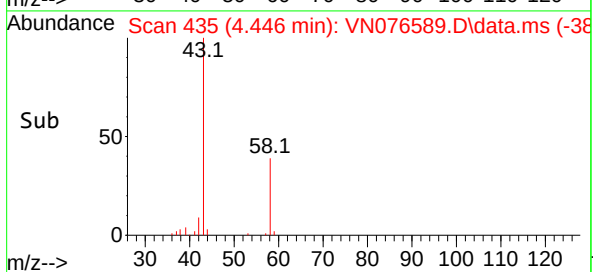
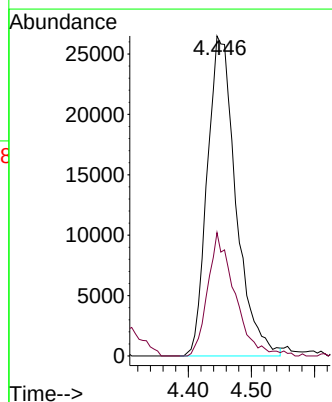
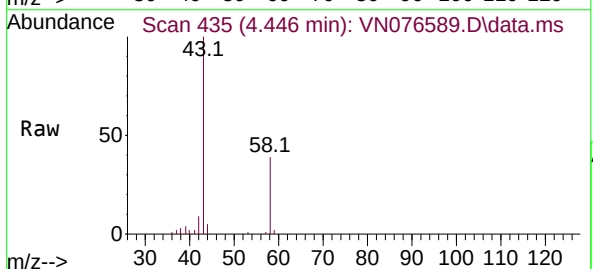
Instrument :
MSVOA_N
ClientSampleId :
TCLP-1

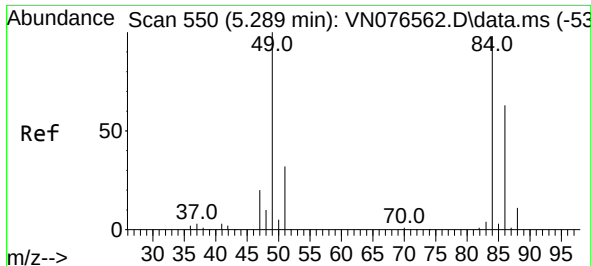
Tgt Ion:168 Resp: 606663
Ion Ratio Lower Upper
168 100
99 57.4 47.8 71.8



#16
Acetone
Concen: 35.384 ug/l
RT: 4.446 min Scan# 435
Delta R.T. 0.003 min
Lab File: VN076589.D
Acq: 08 Feb 2023 18:58

Tgt Ion: 43 Resp: 83531
Ion Ratio Lower Upper
43 100
58 38.6 28.4 42.6





#20

Methylene Chloride

Concen: 3.599 ug/l

RT: 5.298 min Scan# 51

Delta R.T. 0.009 min

Lab File: VN076589.D

Acq: 08 Feb 2023 18:58

Instrument :

MSVOA_N

ClientSampleId :

TCLP-1

Tgt Ion: 84 Resp: 26192

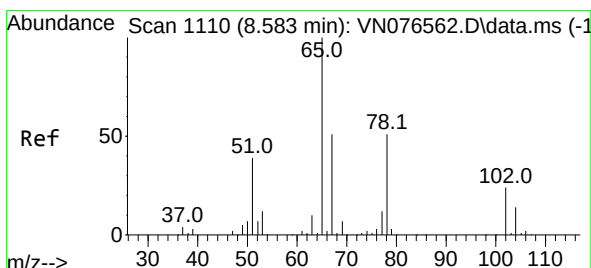
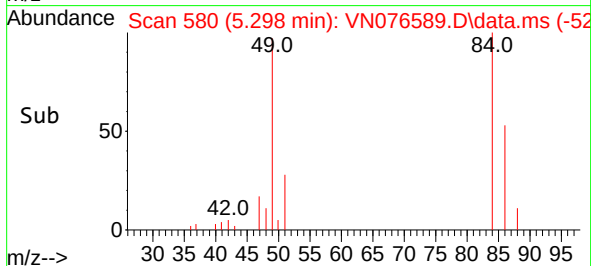
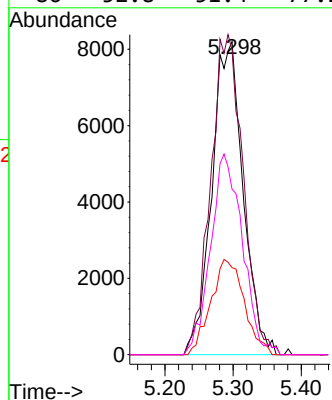
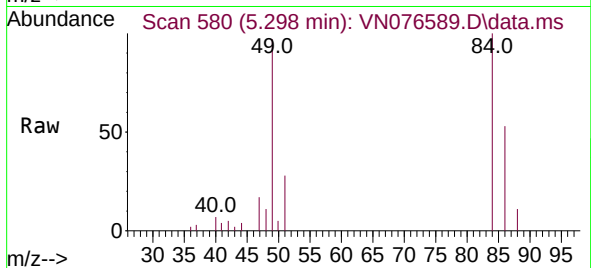
Ion Ratio Lower Upper

84 100

49 97.4 82.0 123.0

51 27.8 26.0 39.0

86 52.8 51.4 77.2



#33

1,2-Dichloroethane-d4

Concen: 48.242 ug/l

RT: 8.586 min Scan# 1139

Delta R.T. 0.003 min

Lab File: VN076589.D

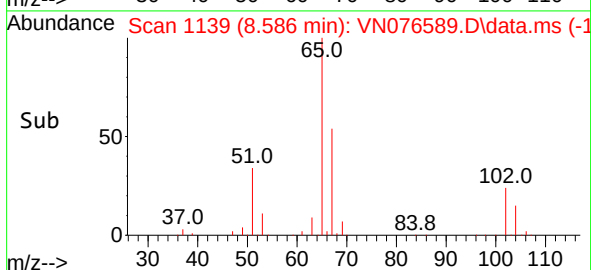
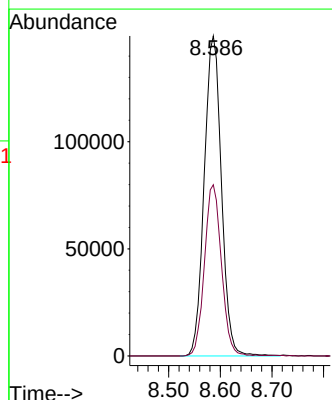
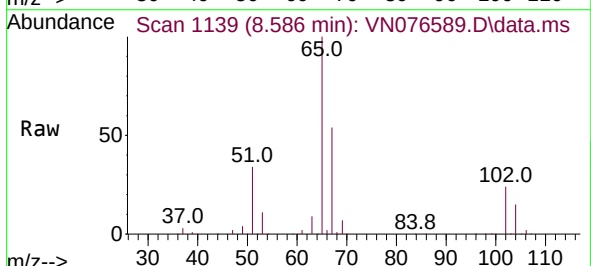
Acq: 08 Feb 2023 18:58

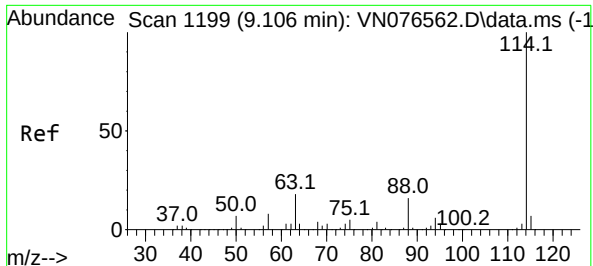
Tgt Ion: 65 Resp: 345431

Ion Ratio Lower Upper

65 100

67 52.8 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: VN076589.D

Acq: 08 Feb 2023 18:58

Instrument :

MSVOA_N

ClientSampleId :

TCLP-1

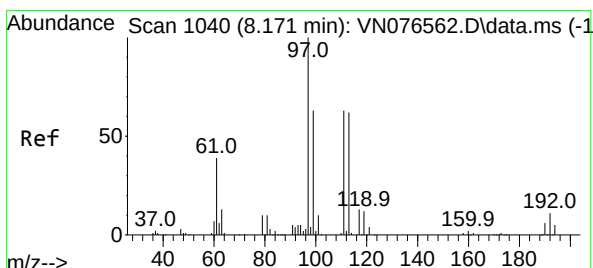
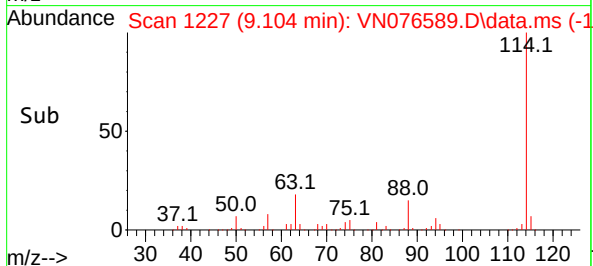
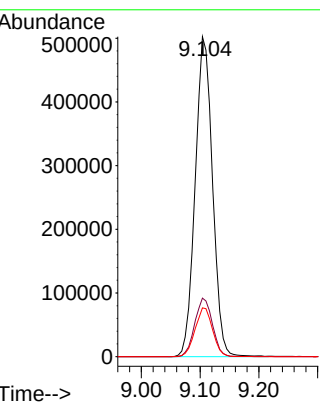
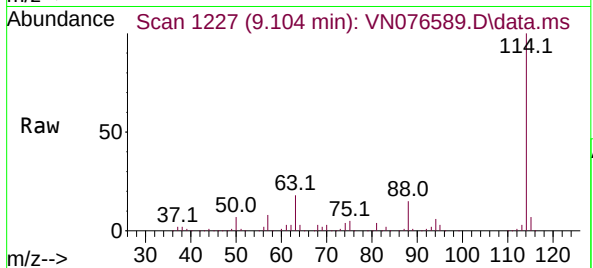
Tgt Ion:114 Resp: 1028229

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

88 15.2 0.0 32.0



#35

Dibromofluoromethane

Concen: 47.717 ug/l

RT: 8.175 min Scan# 1069

Delta R.T. 0.004 min

Lab File: VN076589.D

Acq: 08 Feb 2023 18:58

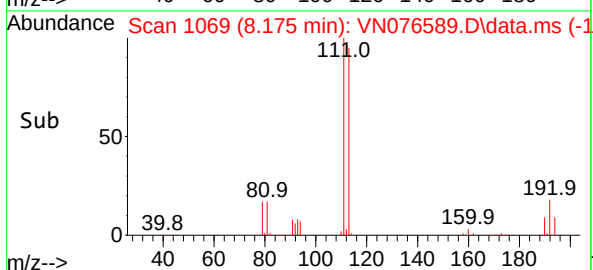
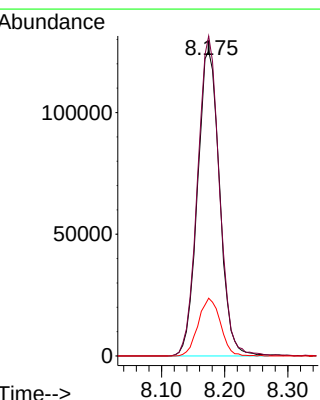
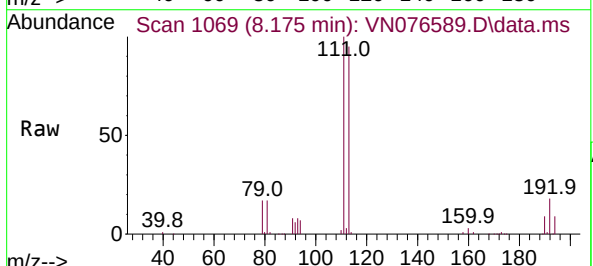
Tgt Ion:113 Resp: 305000

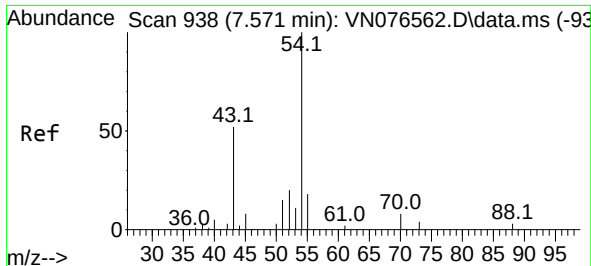
Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

192 19.0 14.8 22.2

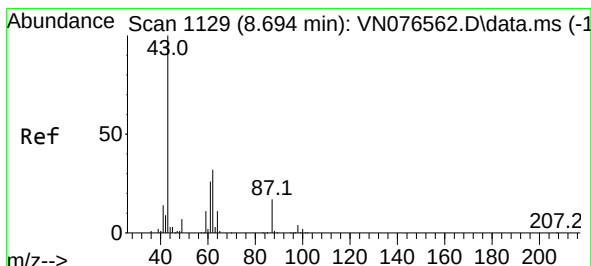
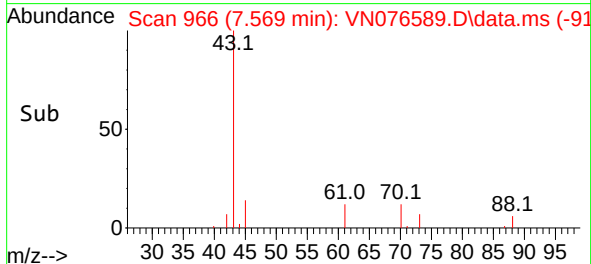
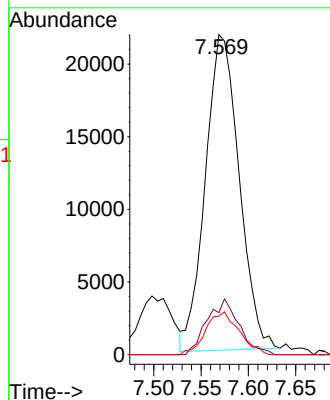
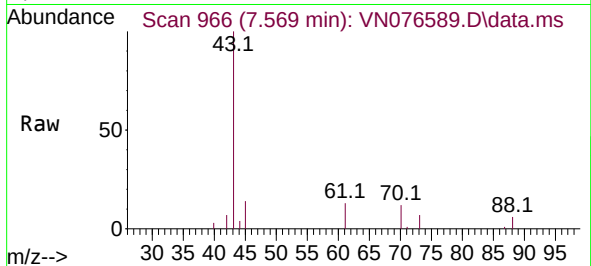




#37
Ethyl Acetate
Concen: 7.892 ug/l
RT: 7.569 min Scan# 91
Delta R.T. -0.002 min
Lab File: VN076589.D
Acq: 08 Feb 2023 18:58

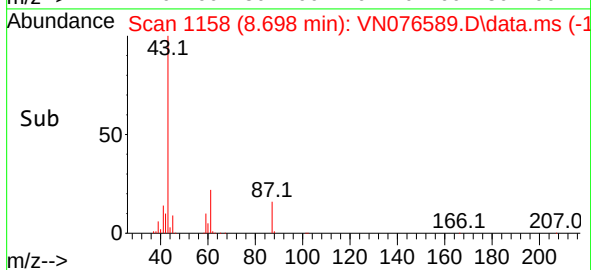
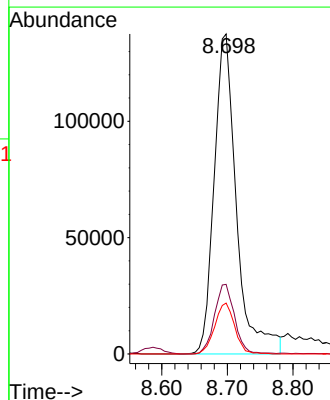
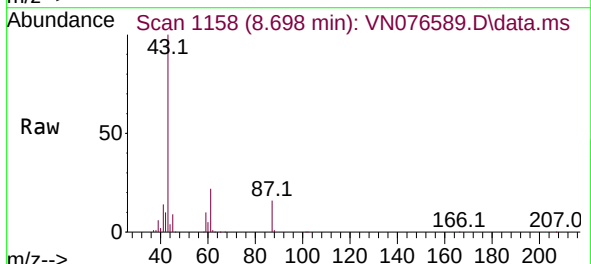
Instrument :
MSVOA_N
ClientSampleId :
TCLP-1

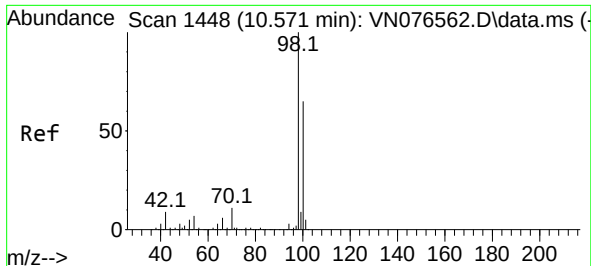
Tgt Ion:	43	Resp:	53956
Ion	Ratio	Lower	Upper
43	100		
61	16.7	11.8	17.6
70	13.4	10.4	15.6



#43
Isopropyl Acetate
Concen: 28.543 ug/l
RT: 8.698 min Scan# 1158
Delta R.T. 0.004 min
Lab File: VN076589.D
Acq: 08 Feb 2023 18:58

Tgt Ion:	43	Resp:	324741
Ion	Ratio	Lower	Upper
43	100		
61	19.6	24.5	36.7#
87	14.2	13.6	20.4

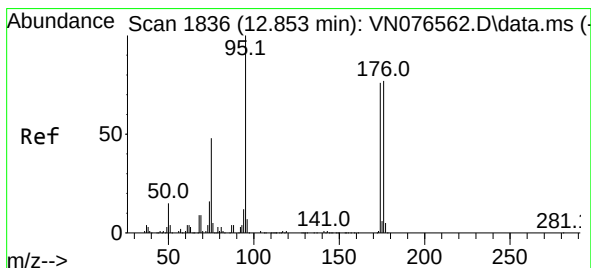
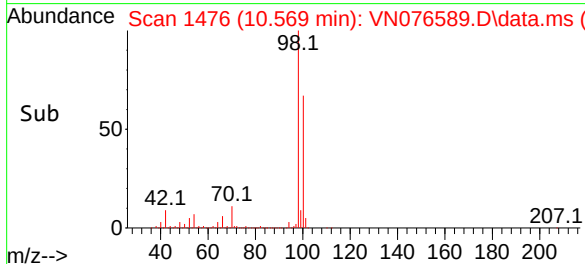
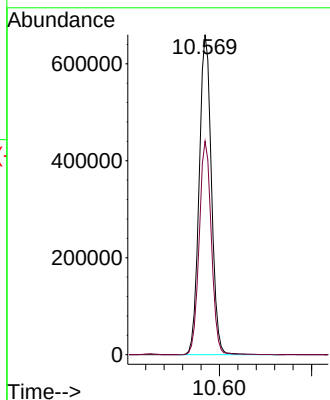
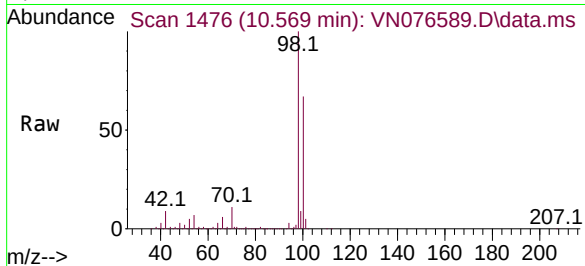




#50
Toluene-d8
Concen: 50.767 ug/l
RT: 10.569 min Scan# 1448
Delta R.T. -0.002 min
Lab File: VN076589.D
Acq: 08 Feb 2023 18:58

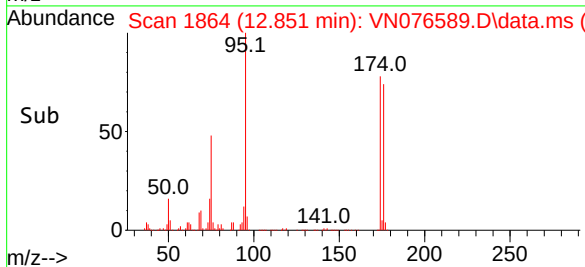
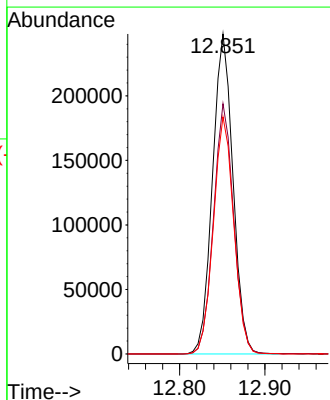
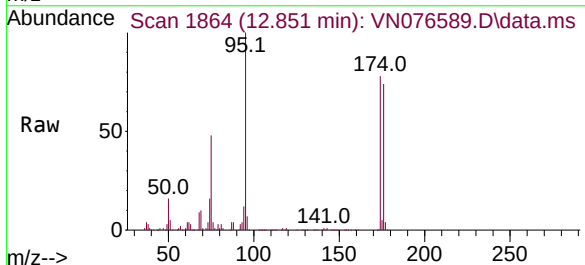
Instrument :
MSVOA_N
ClientSampleId :
TCLP-1

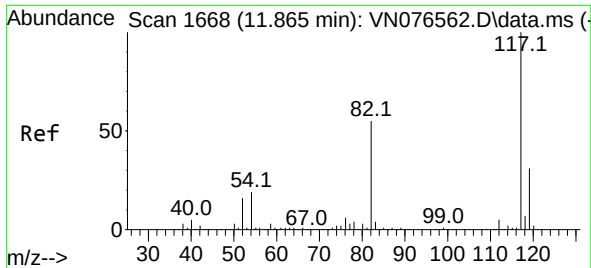
Tgt Ion: 98 Resp: 1220742
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.724 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076589.D
Acq: 08 Feb 2023 18:58

Tgt Ion: 95 Resp: 412754
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.0
176 74.1 0.0 152.0

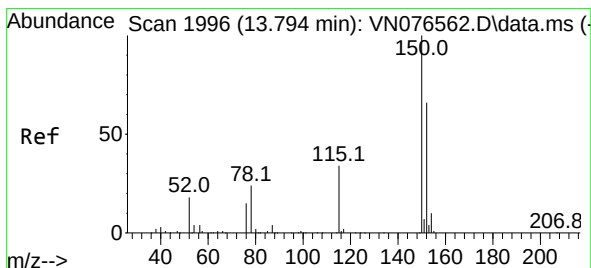
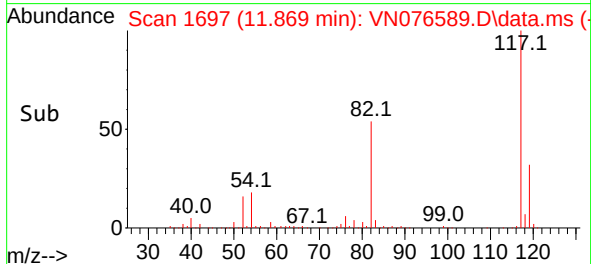
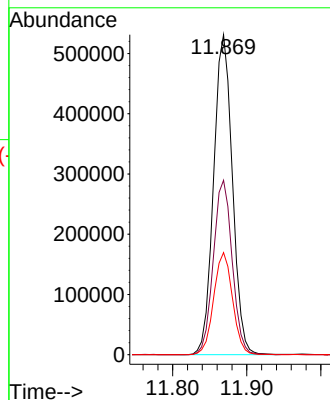
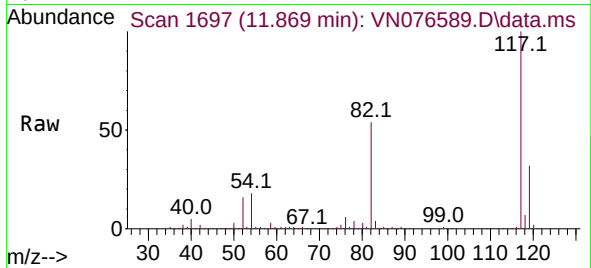




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.869 min Scan# 11
Delta R.T. 0.004 min
Lab File: VN076589.D
Acq: 08 Feb 2023 18:58

Instrument :
MSVOA_N
ClientSampleId :
TCLP-1

Tgt Ion:117 Resp: 935237
Ion Ratio Lower Upper
117 100
82 54.5 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: VN076589.D
Acq: 08 Feb 2023 18:58

Tgt Ion:152 Resp: 372596
Ion Ratio Lower Upper
152 100
115 60.6 30.8 92.3
150 157.6 0.0 348.8

