

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021023\
 Data File : VX034084.D
 Acq On : 08 Feb 2023 14:43
 Operator : JC/MD
 Sample : 01463-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TCLP-6

Quant Time: Feb 09 04:51:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

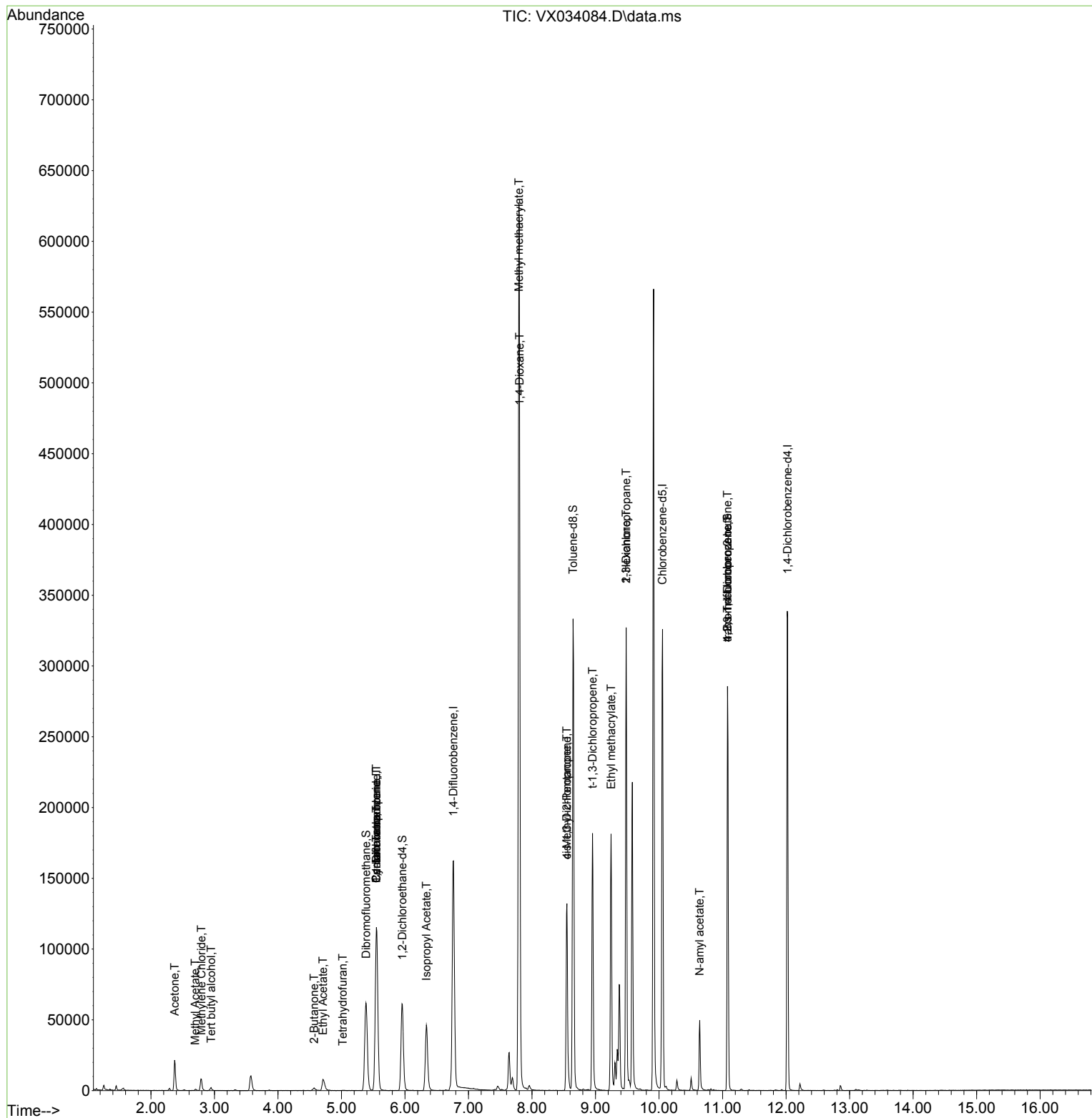
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	126542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176410	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60421	49.528	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.060%
35) Dibromofluoromethane	5.385	113	55600	49.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	8.647	98	199940	49.427	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.860%
62) 4-Bromofluorobenzene	11.079	95	72256	50.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1408	8.238	ug/l #	86
16) Acetone	2.374	43	22696	44.049	ug/l #	86
18) Methyl Acetate	2.697	43	1317	0.822	ug/l	95
20) Methylene Chloride	2.794	84	4287	3.637	ug/l #	92
25) 2-Butanone	4.568	43	3127	4.168	ug/l #	88
29) Tetrahydrofuran	5.019	42	134	0.281	ug/l #	34
31) Cyclohexane	5.550	56	1808	1.018	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7259	4.716	ug/l #	48
37) Ethyl Acetate	4.708	43	14418	10.055	ug/l	96
38) Carbon Tetrachloride	5.550	117	10317	6.284	ug/l #	14
43) Isopropyl Acetate	6.336	43	63875	28.562	ug/l	97
48) Methyl methacrylate	7.793	41	54538	47.233	ug/l #	45
49) 1,4-Dioxane	7.805	88	52	2.340	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	48093	34.285	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	400	0.267	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	22685	13.286	ug/l #	61
56) Ethyl methacrylate	9.244	69	351	0.218	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3095	1.643	ug/l #	43
59) 2-Hexanone	9.482	43	39965	38.931	ug/l #	50
74) N-amyl acetate	10.640	43	13477	7.608	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	34461	24.945	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	34461	76.821	ug/l #	8

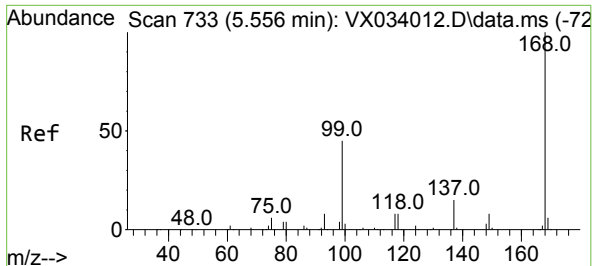
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

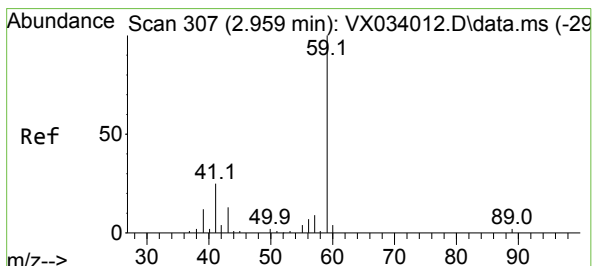
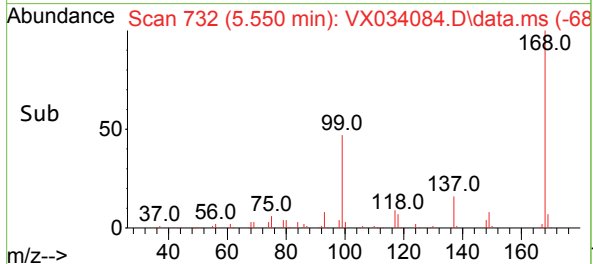
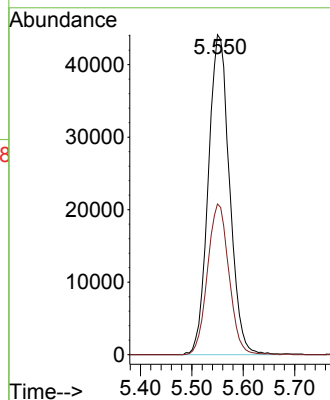
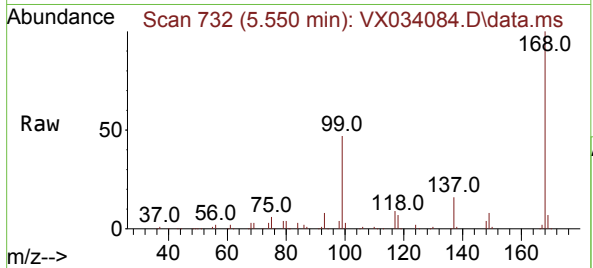




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

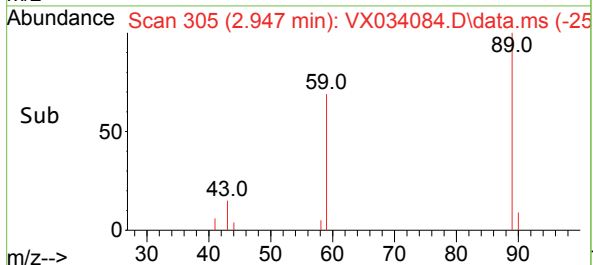
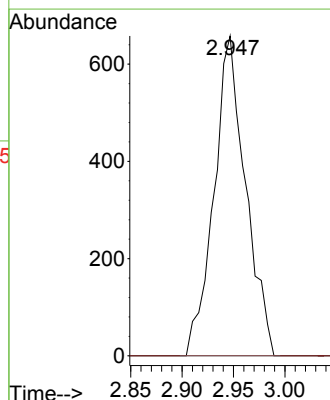
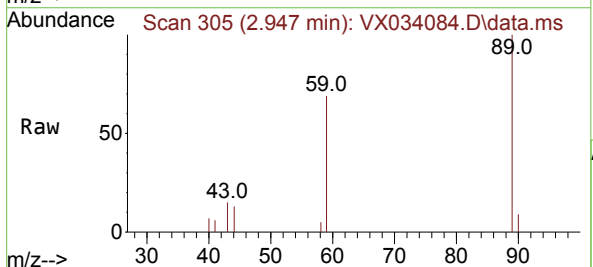
Instrument :
MSVOA_X
ClientSampleId :
TCLP-6

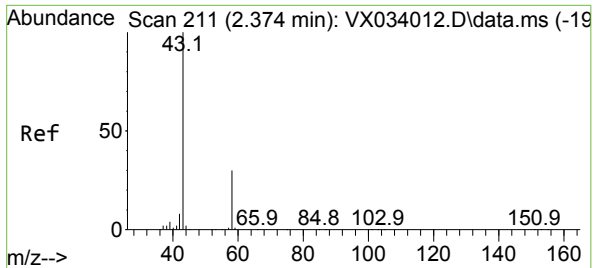
Tgt Ion:168 Resp: 126542
Ion Ratio Lower Upper
168 100
99 47.1 39.6 59.4



#11
Tert butyl alcohol
Concen: 8.238 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

Tgt Ion: 59 Resp: 1408
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

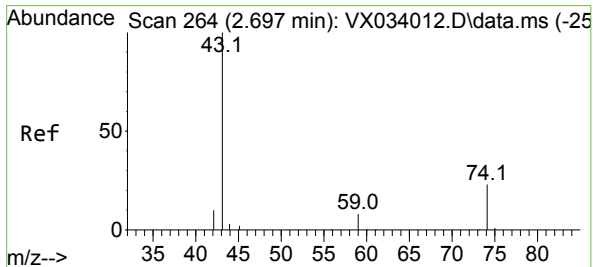
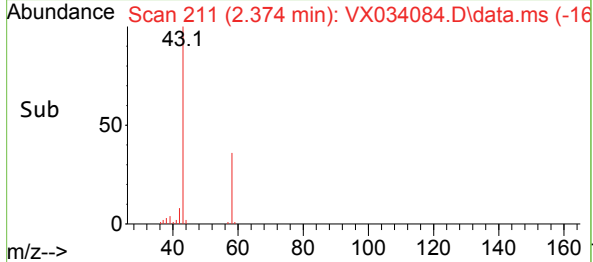
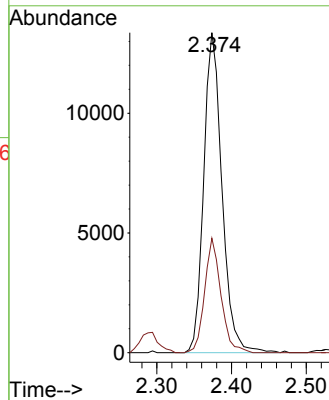
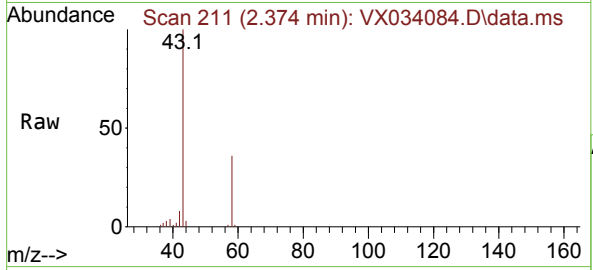




#16
Acetone
Concen: 44.049 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

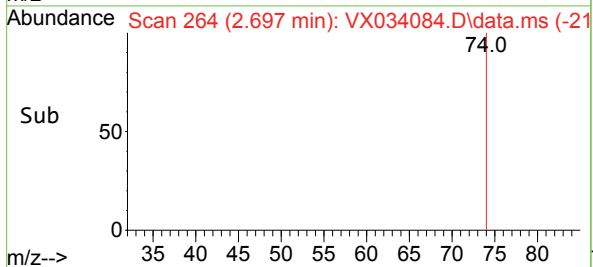
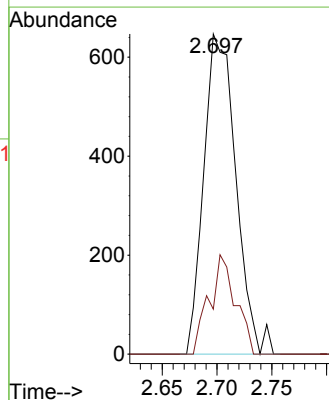
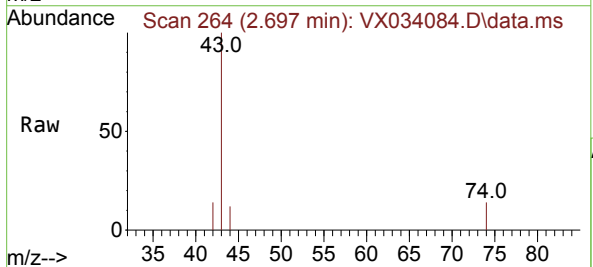
Instrument :
MSVOA_X
ClientSampleId :
TCLP-6

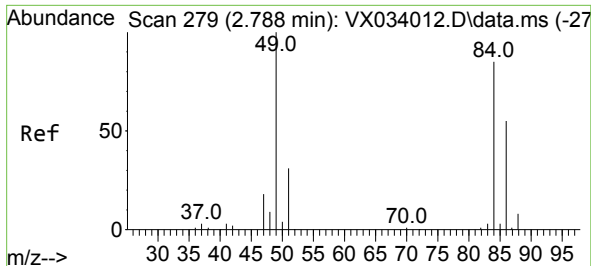
Tgt Ion: 43 Resp: 22696
Ion Ratio Lower Upper
43 100
58 35.8 22.6 33.8#



#18
Methyl Acetate
Concen: 0.822 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
74 25.4 18.2 27.4

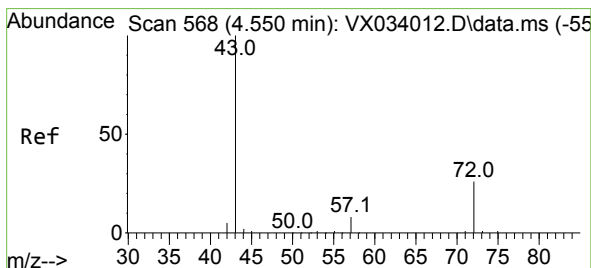
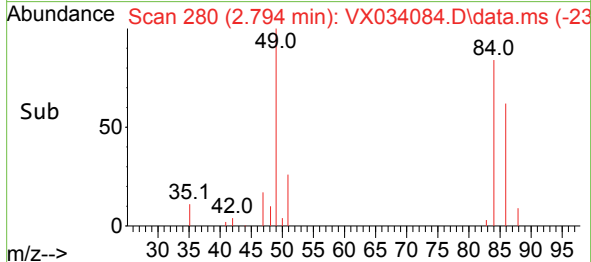
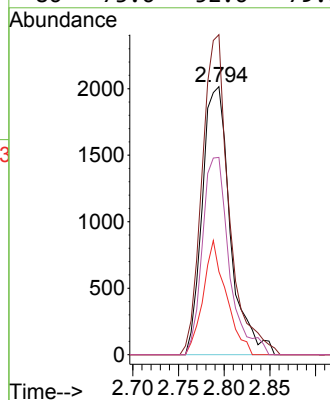
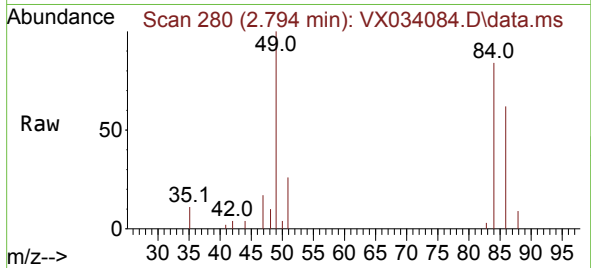




#20
Methylene Chloride
Concen: 3.637 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

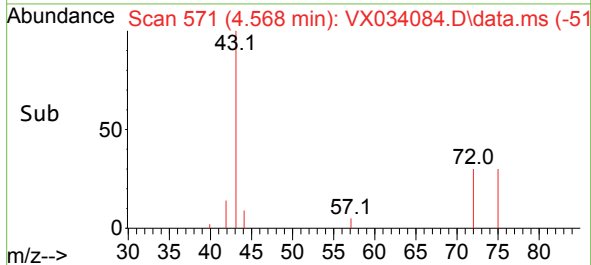
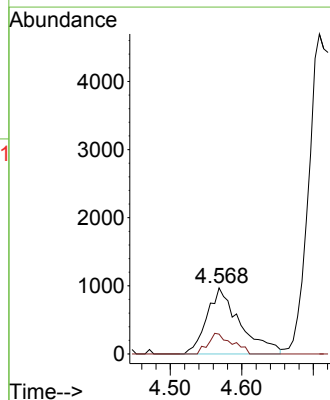
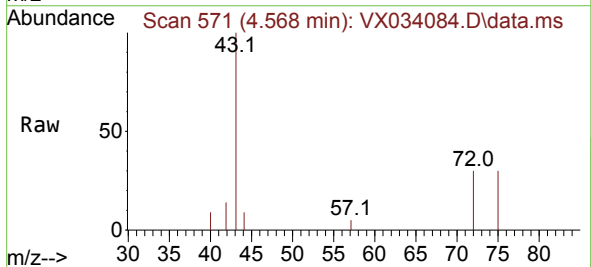
Instrument :
MSVOA_X
ClientSampleId :
TCLP-6

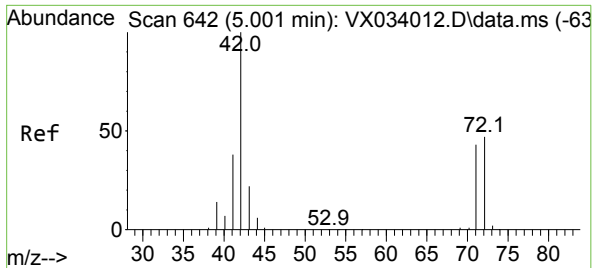
Tgt Ion: 84	Resp: 4287
Ion Ratio	Lower Upper
84 100	
49 119.4	101.1 151.7
51 31.0	31.0 46.6#
86 73.6	52.6 79.0



#25
2-Butanone
Concen: 4.168 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

Tgt Ion: 43	Resp: 3127		
Ion Ratio	Lower	Upper	
43 100			
72 30.1	19.4	29.2#	





#29

Tetrahydrofuran

Concen: 0.281 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX034084.D

Acq: 08 Feb 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

TCLP-6

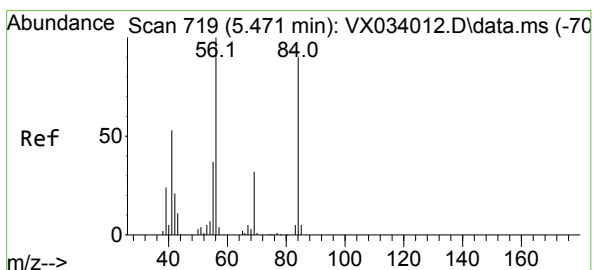
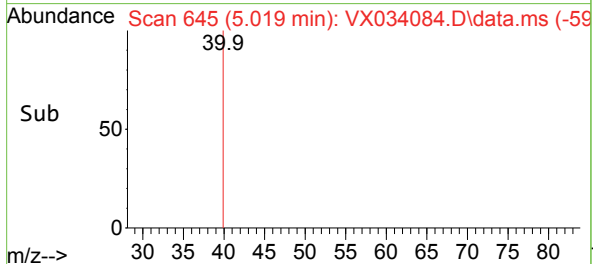
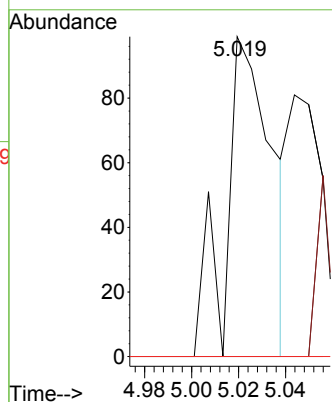
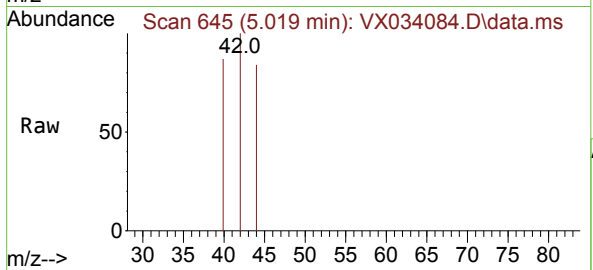
Tgt Ion: 42 Resp: 134

Ion Ratio Lower Upper

42 100

72 0.0 34.8 52.2#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.018 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX034084.D

Acq: 08 Feb 2023 14:43

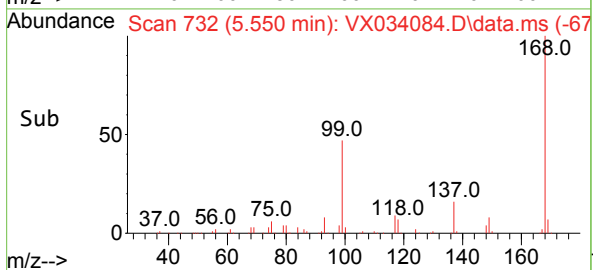
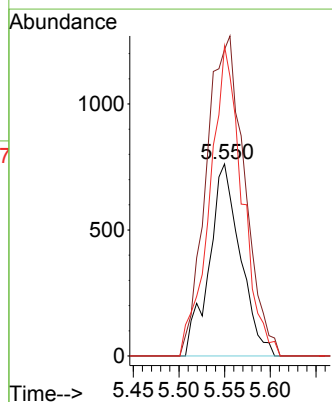
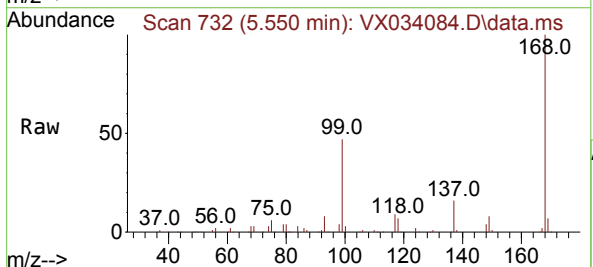
Tgt Ion: 56 Resp: 1808

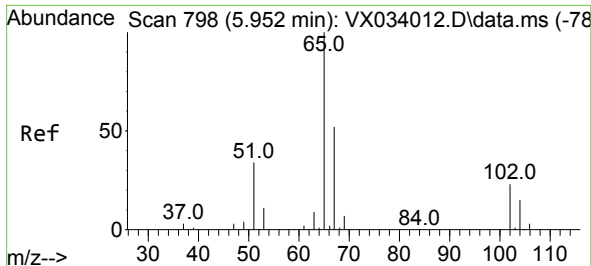
Ion Ratio Lower Upper

56 100

69 159.6 24.6 37.0#

84 161.4 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 49.528 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034084.D

Acq: 08 Feb 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

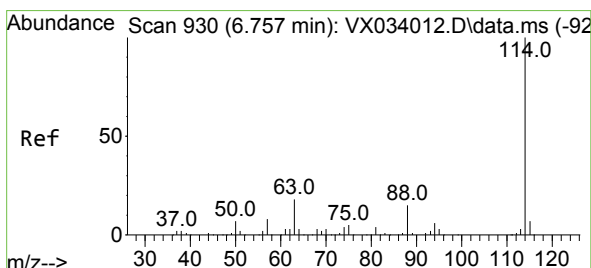
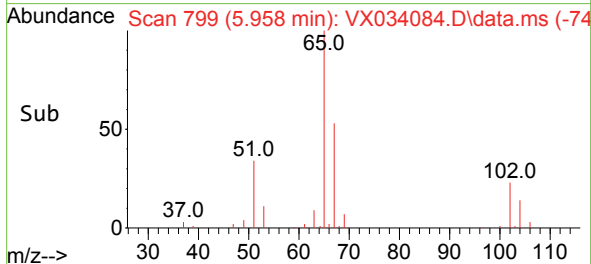
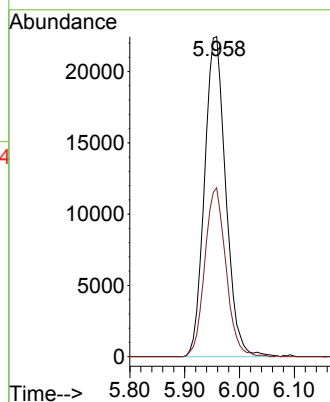
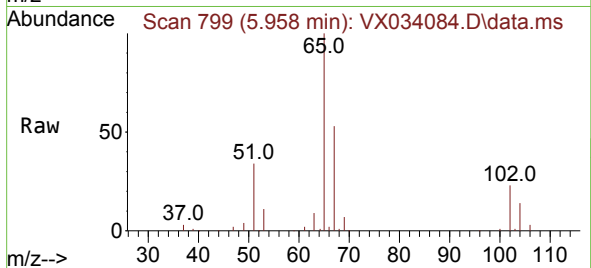
TCLP-6

Tgt Ion: 65 Resp: 60421

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034084.D

Acq: 08 Feb 2023 14:43

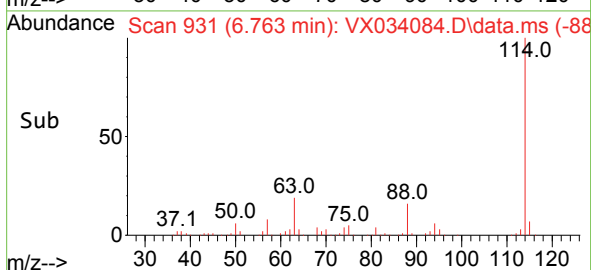
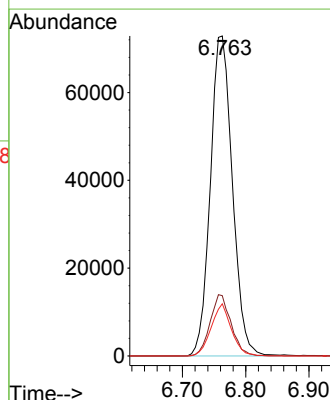
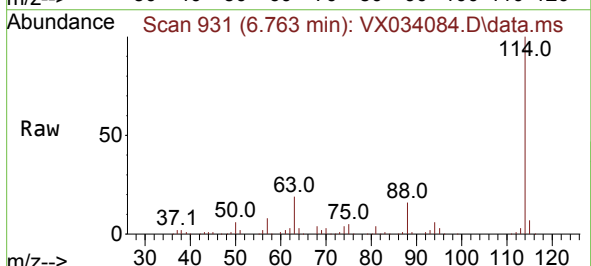
Tgt Ion: 114 Resp: 176410

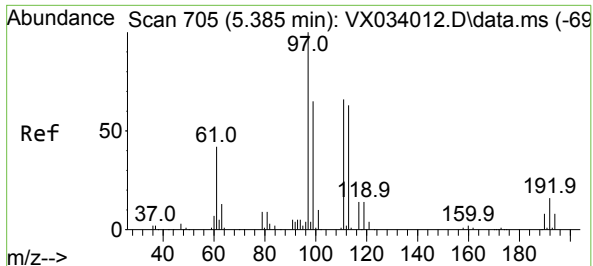
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 16.3 0.0 30.6

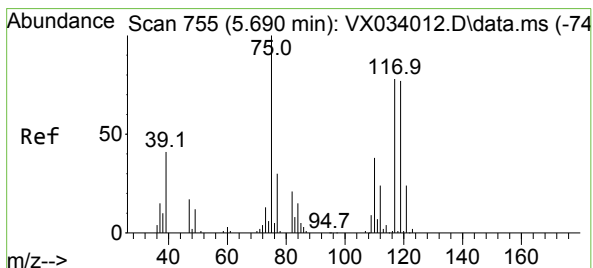
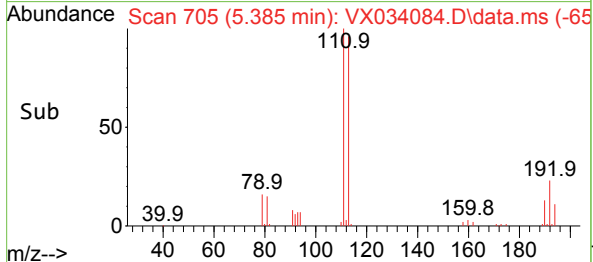
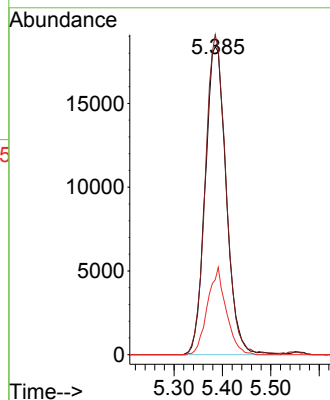
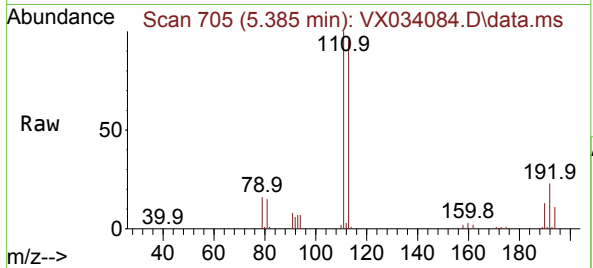




#35
Dibromofluoromethane
Concen: 49.522 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

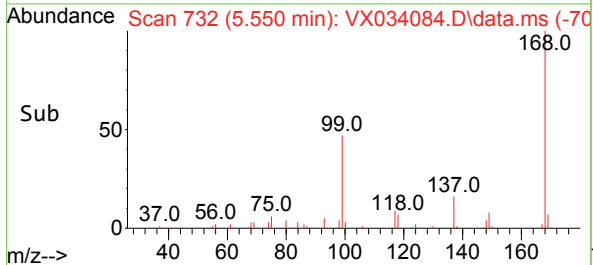
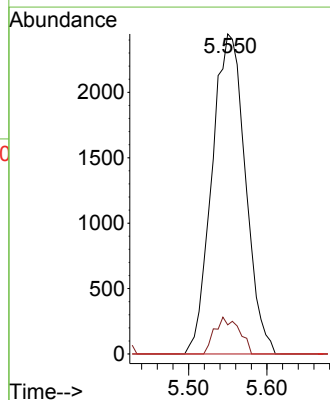
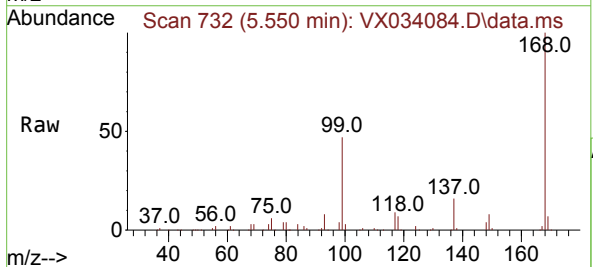
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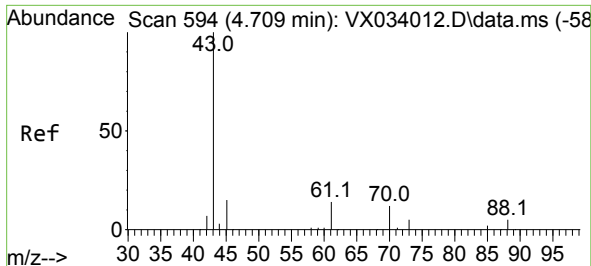
Tgt Ion:113 Resp: 55600
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.6
192 25.2 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.716 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

Tgt Ion: 75 Resp: 7259
Ion Ratio Lower Upper
75 100
110 8.4 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 10.055 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX034084.D

Acq: 08 Feb 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

TCLP-6

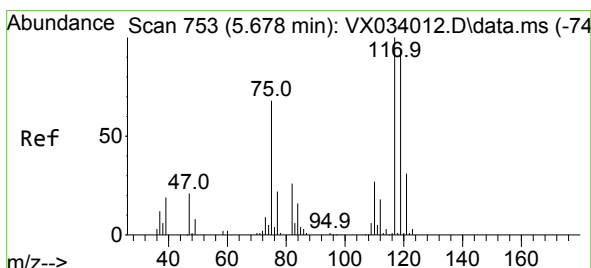
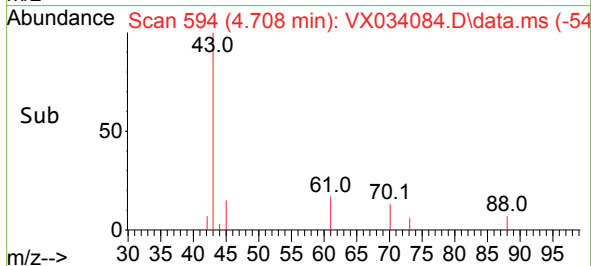
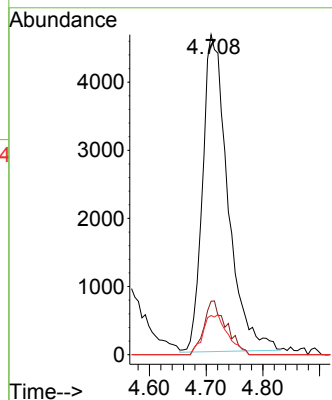
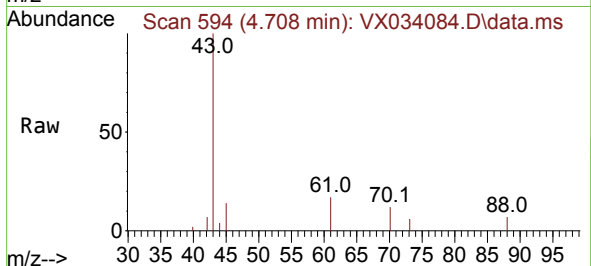
Tgt Ion: 43 Resp: 14418

Ion Ratio Lower Upper

43 100

61 15.0 11.1 16.7

70 12.3 8.5 12.7



#38

Carbon Tetrachloride

Concen: 6.284 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX034084.D

Acq: 08 Feb 2023 14:43

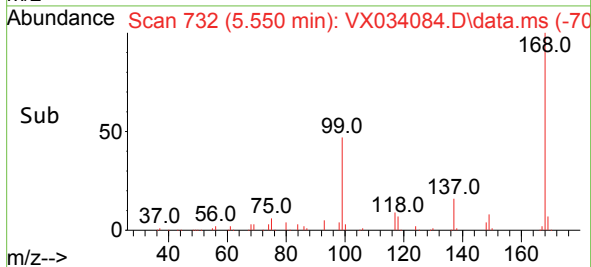
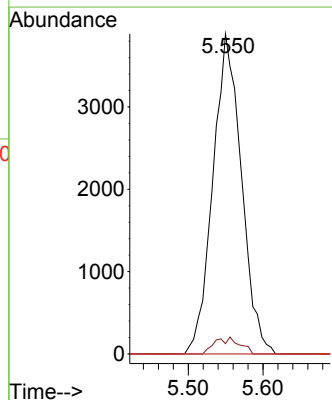
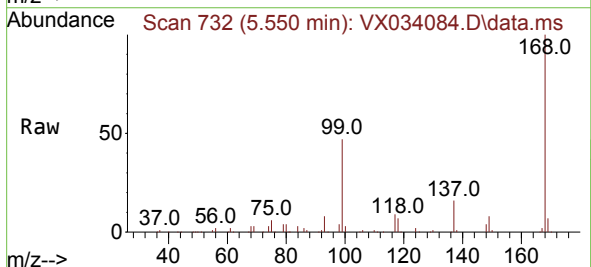
Tgt Ion: 117 Resp: 10317

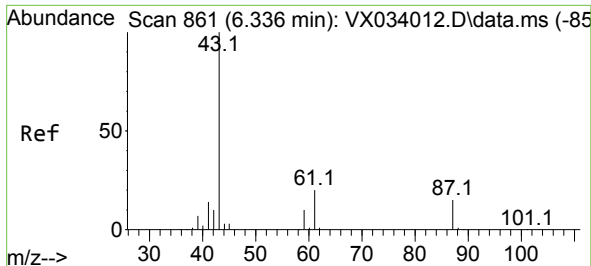
Ion Ratio Lower Upper

117 100

119 3.2 78.0 117.0#

121 0.0 24.4 36.6#

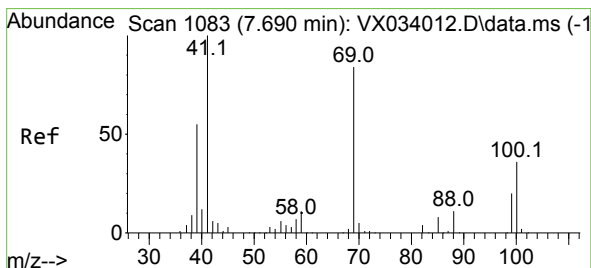
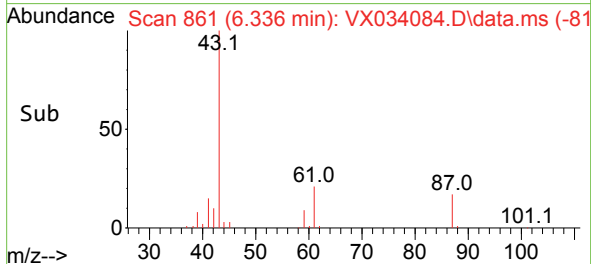
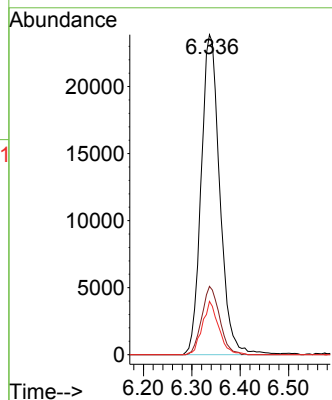
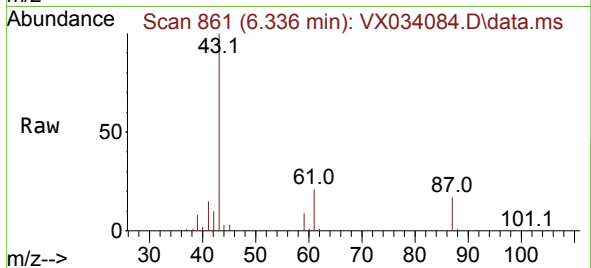




#43
Isopropyl Acetate
Concen: 28.562 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

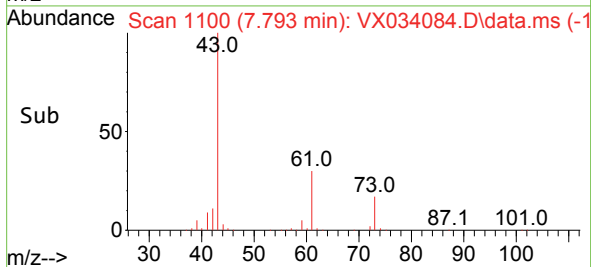
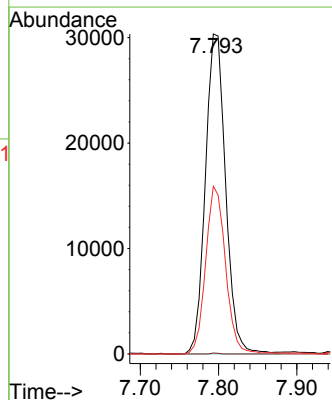
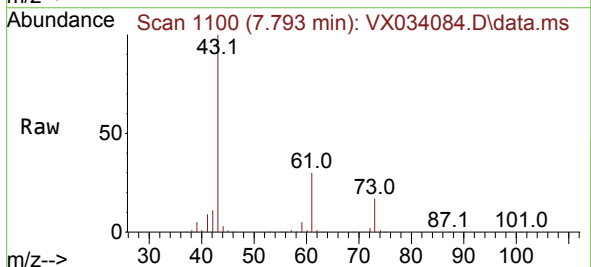
Instrument :
MSVOA_X
ClientSampleId :
TCLP-6

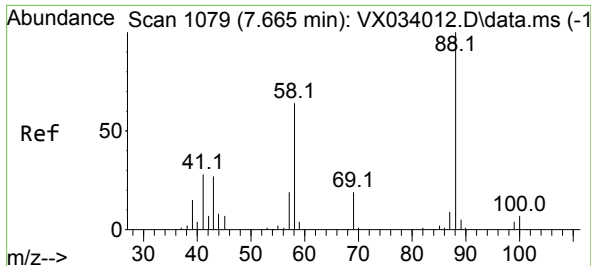
Tgt Ion: 43 Resp: 63875
Ion Ratio Lower Upper
43 100
61 20.5 15.7 23.5
87 14.7 10.6 15.8



#48
Methyl methacrylate
Concen: 47.233 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

Tgt Ion: 41 Resp: 54538
Ion Ratio Lower Upper
41 100
69 0.1 63.1 94.7#
39 51.5 43.2 64.8

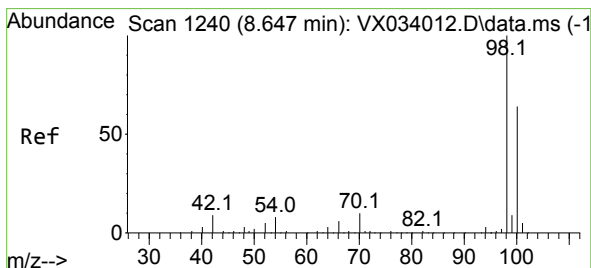
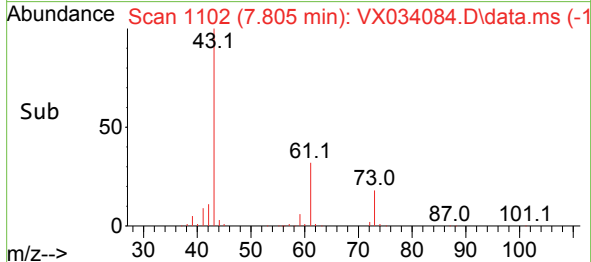
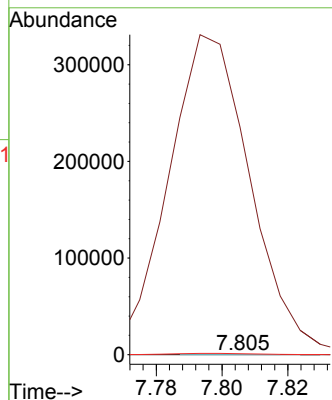
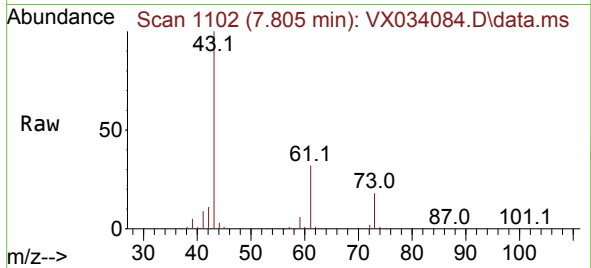




#49
1,4-Dioxane
Concen: 2.340 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.140 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

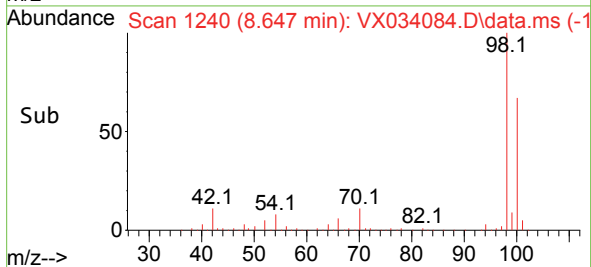
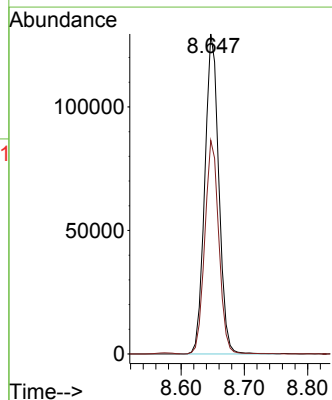
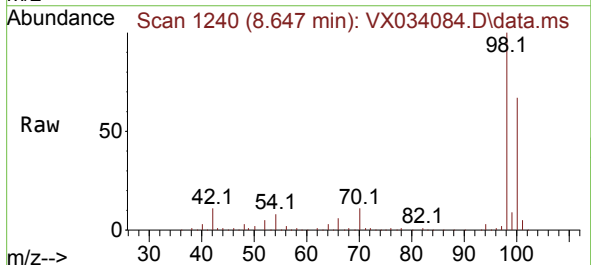
Instrument :
MSVOA_X
ClientSampleId :
TCLP-6

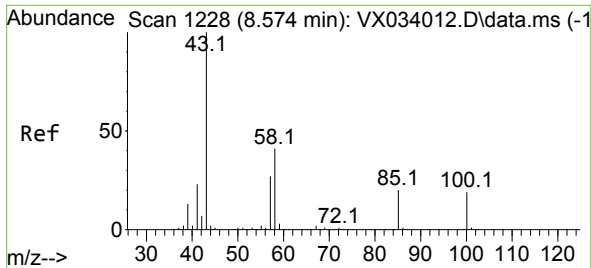
Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 1120507.7 0.0 0.0#
58 4734.6 56.5 84.7#



#50
Toluene-d8
Concen: 49.427 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

Tgt Ion: 98 Resp: 199940
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4

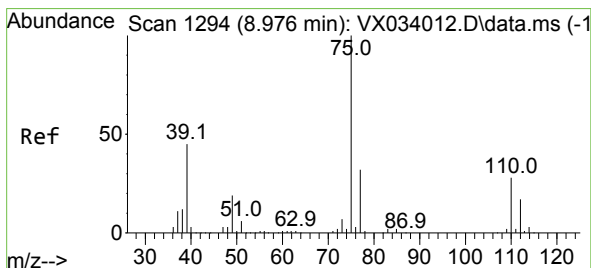
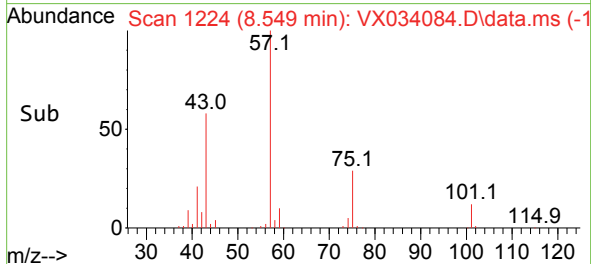
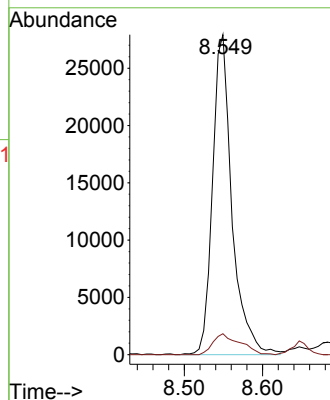
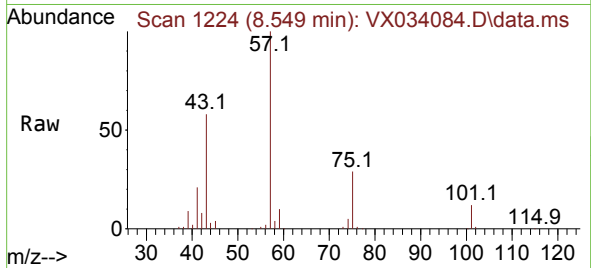




#51
4-Methyl-2-Pentanone
Concen: 34.285 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

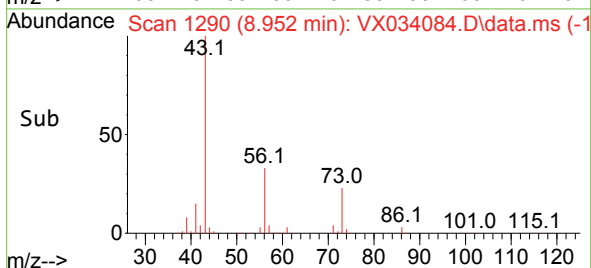
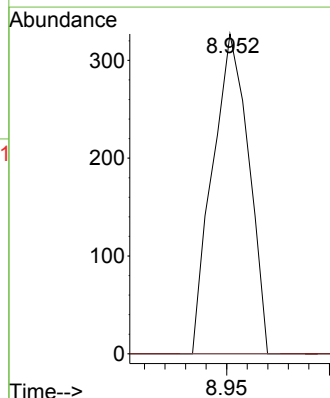
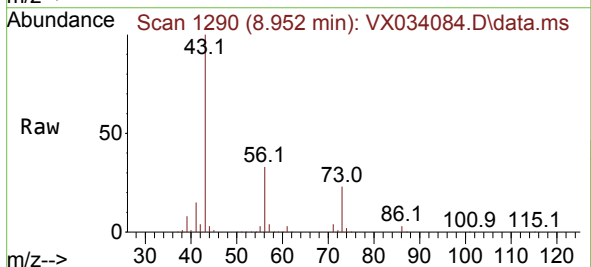
Instrument :
MSVOA_X
ClientSampleId :
TCLP-6

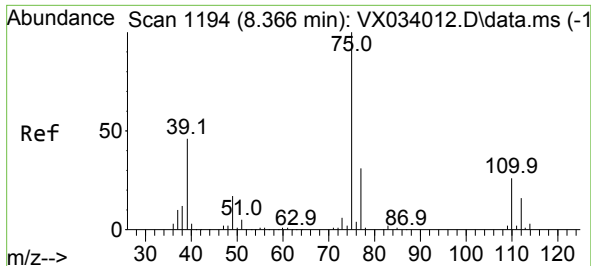
Tgt Ion: 43 Resp: 48093
Ion Ratio Lower Upper
43 100
58 9.2 31.2 46.8#



#53
t-1,3-Dichloropropene
Concen: 0.267 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

Tgt Ion: 75 Resp: 400
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#

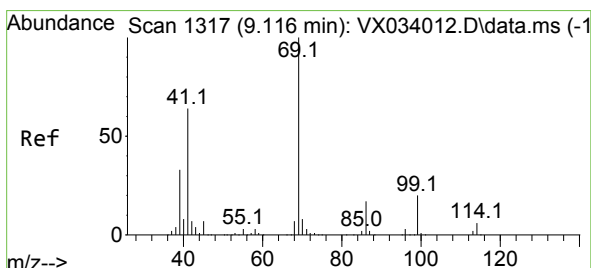
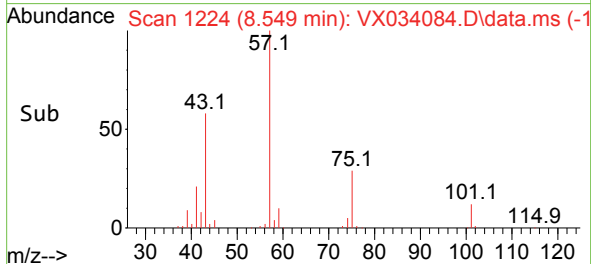
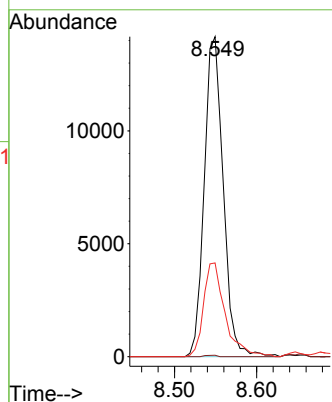
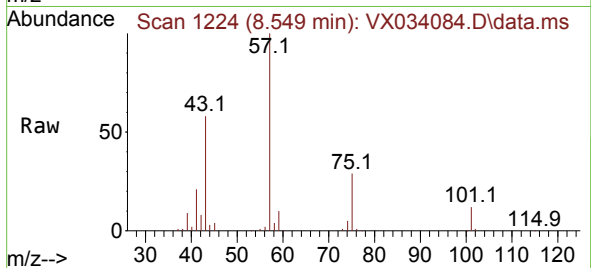




#54
 cis-1,3-Dichloropropene
 Concen: 13.286 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX034084.D
 Acq: 08 Feb 2023 14:43

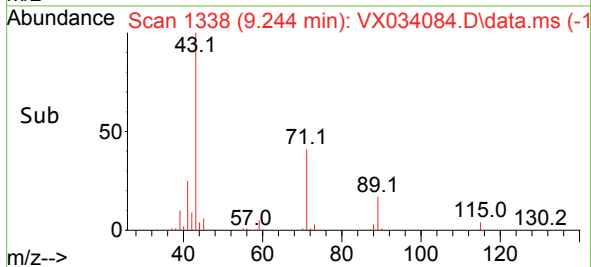
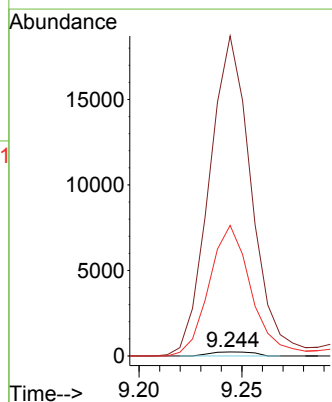
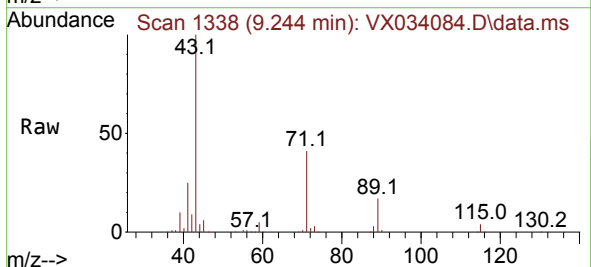
Instrument :
 MSVOA_X
 ClientSampleId :
 TCLP-6

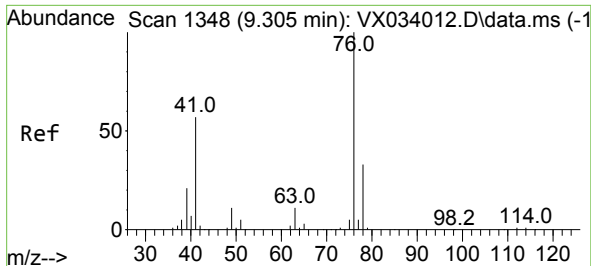
Tgt Ion: 75 Resp: 22685
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.0 37.6#
 39 29.3 38.6 58.0#



#56
 Ethyl methacrylate
 Concen: 0.218 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX034084.D
 Acq: 08 Feb 2023 14:43

Tgt Ion: 69 Resp: 351
 Ion Ratio Lower Upper
 69 100
 41 7611.7 55.1 82.7#
 39 3111.1 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.643 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX034084.D

Acq: 08 Feb 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

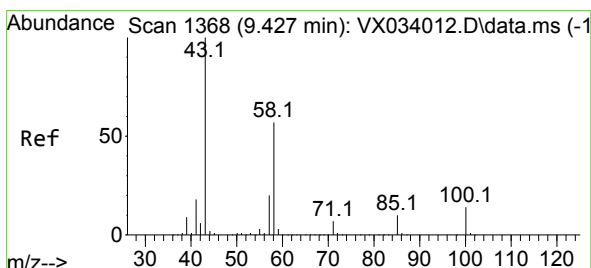
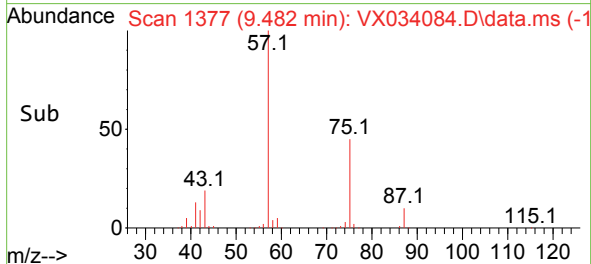
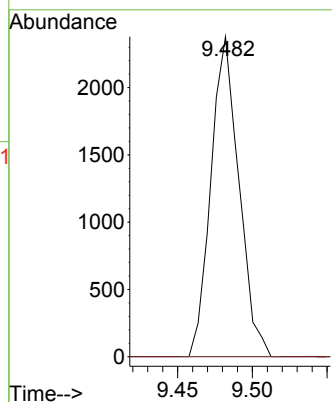
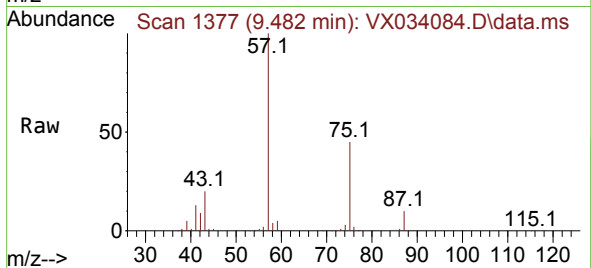
TCLP-6

Tgt Ion: 76 Resp: 3095

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 38.931 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX034084.D

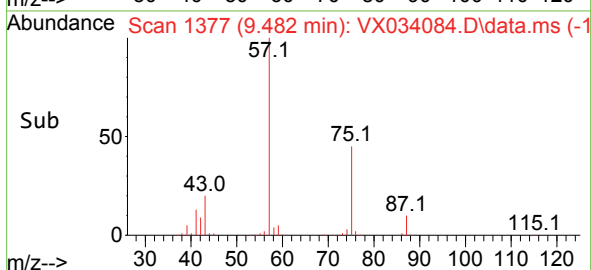
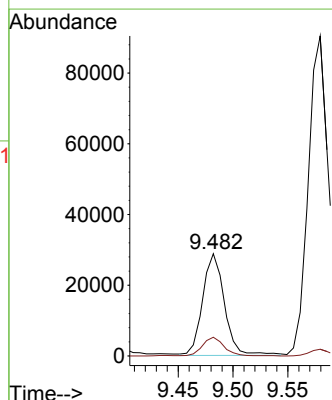
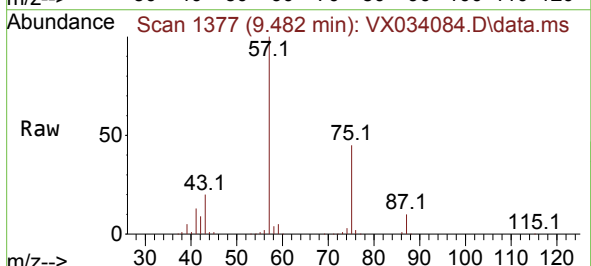
Acq: 08 Feb 2023 14:43

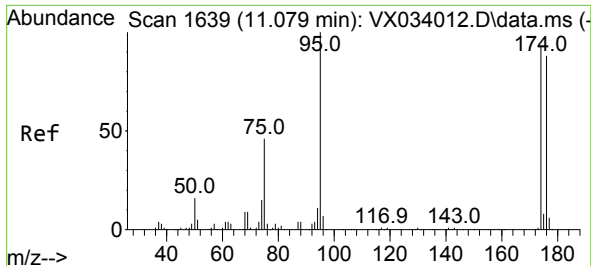
Tgt Ion: 43 Resp: 39965

Ion Ratio Lower Upper

43 100

58 18.4 27.4 82.0#

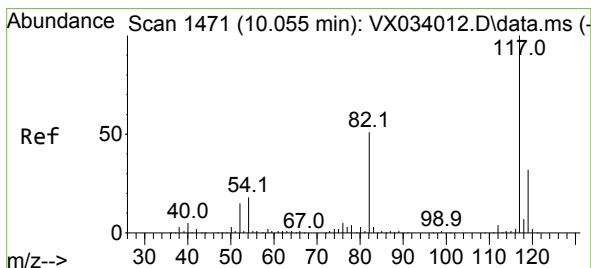
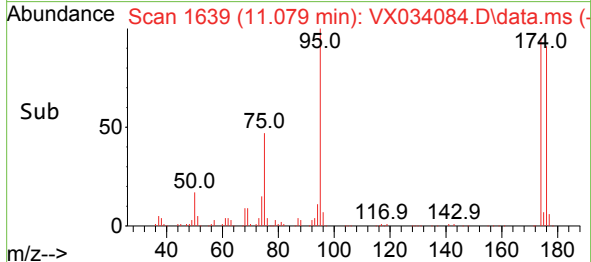
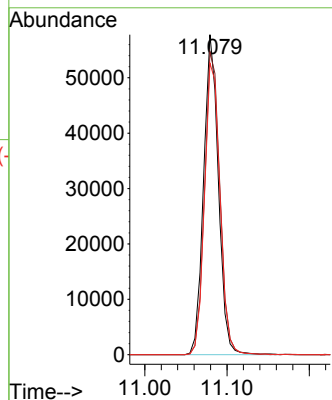
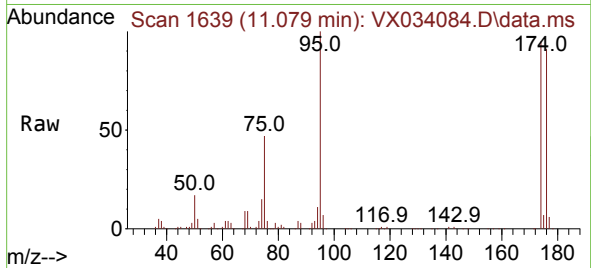




#62
4-Bromofluorobenzene
Concen: 50.014 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

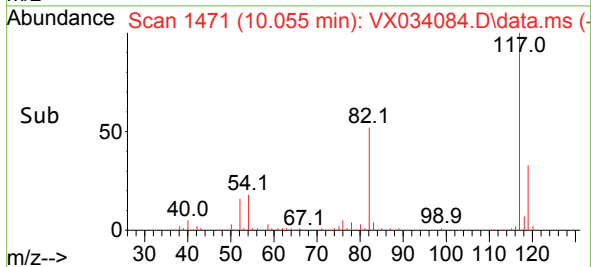
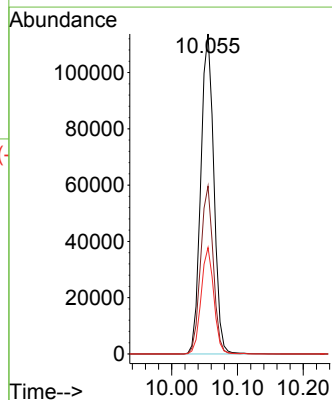
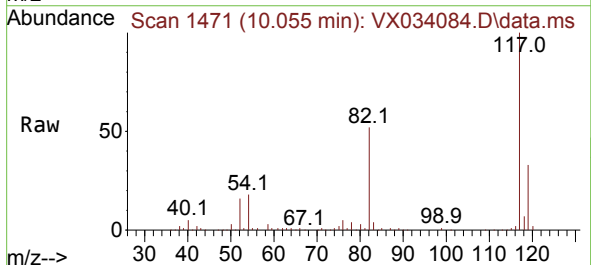
Instrument :
MSVOA_X
ClientSampleId :
TCLP-6

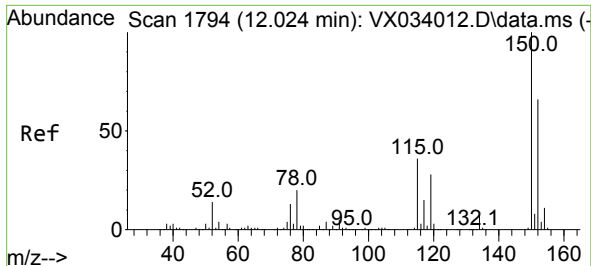
Tgt Ion: 95 Resp: 72256
Ion Ratio Lower Upper
95 100
174 98.3 0.0 184.4
176 95.2 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

Tgt Ion: 117 Resp: 156974
Ion Ratio Lower Upper
117 100
82 52.5 40.6 60.8
119 33.3 25.6 38.4

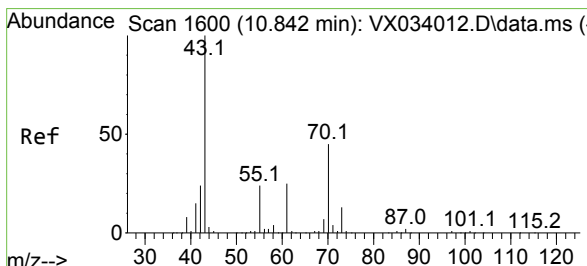
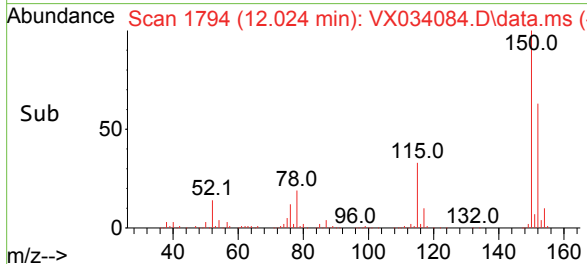
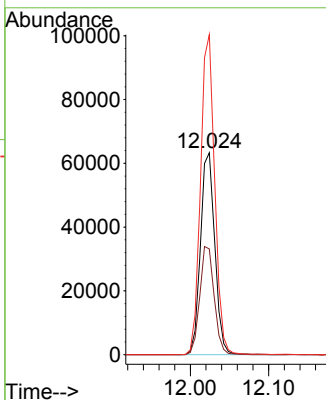
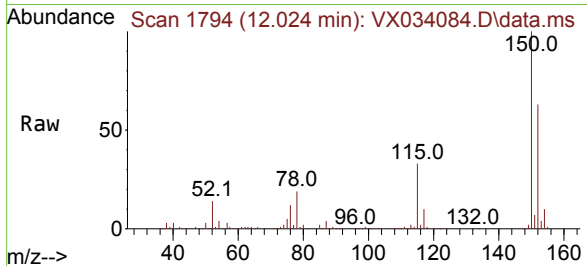




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

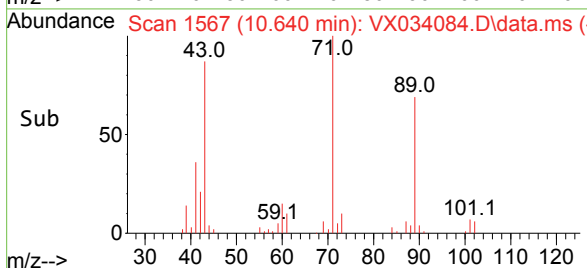
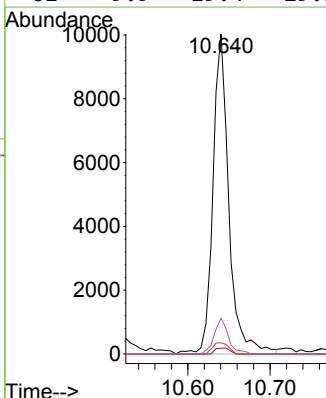
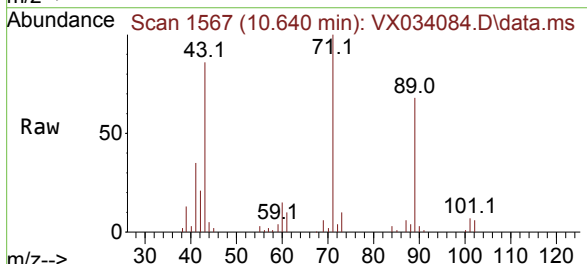
Instrument :
MSVOA_X
ClientSampleId :
TCLP-6

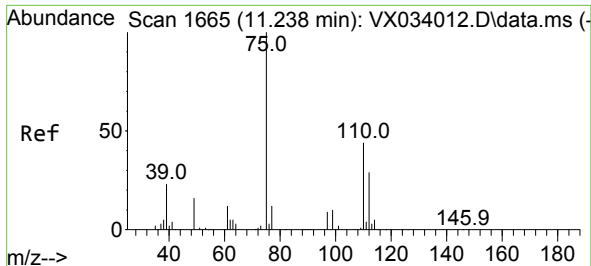
Tgt Ion:152 Resp: 80456
Ion Ratio Lower Upper
152 100
115 53.8 38.7 116.1
150 156.5 0.0 348.2



#74
N-ethyl acetate
Concen: 7.608 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

Tgt Ion: 43 Resp: 13477
Ion Ratio Lower Upper
43 100
70 1.7 34.8 52.2#
55 3.5 19.4 29.0#
61 9.9 19.4 29.2#

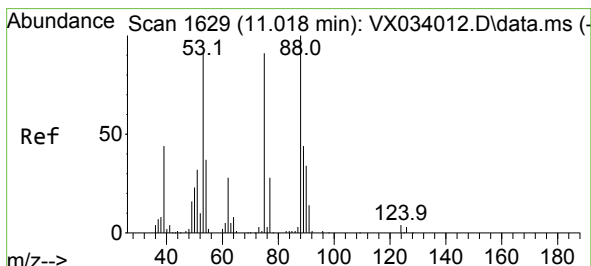
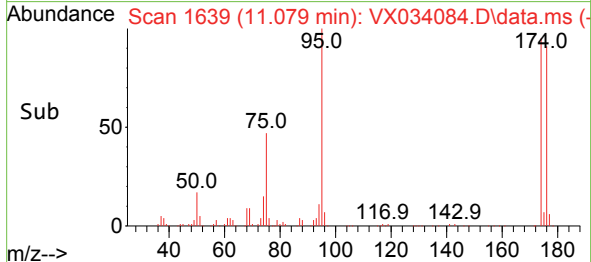
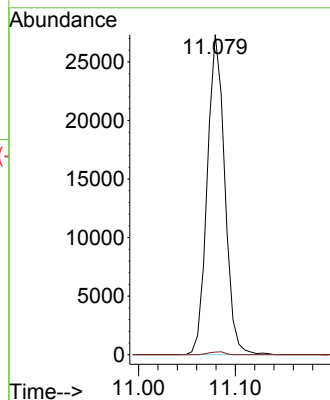
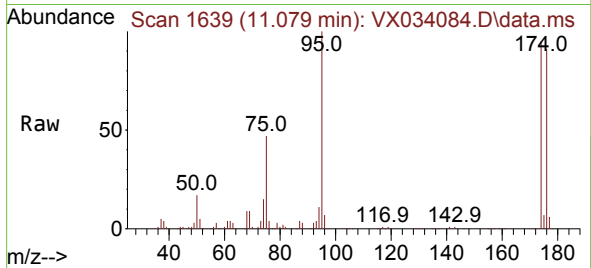




#76
1,2,3-Trichloropropane
Concen: 24.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :
TCLP-6

Tgt Ion: 75 Resp: 34461
Ion Ratio Lower Upper
75 100
77 0.8 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034084.D
Acq: 08 Feb 2023 14:43

Tgt Ion: 75 Resp: 34461
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.1 37.7 56.5#

