

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021023\
 Data File : VX034085.D
 Acq On : 08 Feb 2023 15:06
 Operator : JC/MD
 Sample : 01463-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TCLP-7

Quant Time: Feb 09 04:51:43 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)

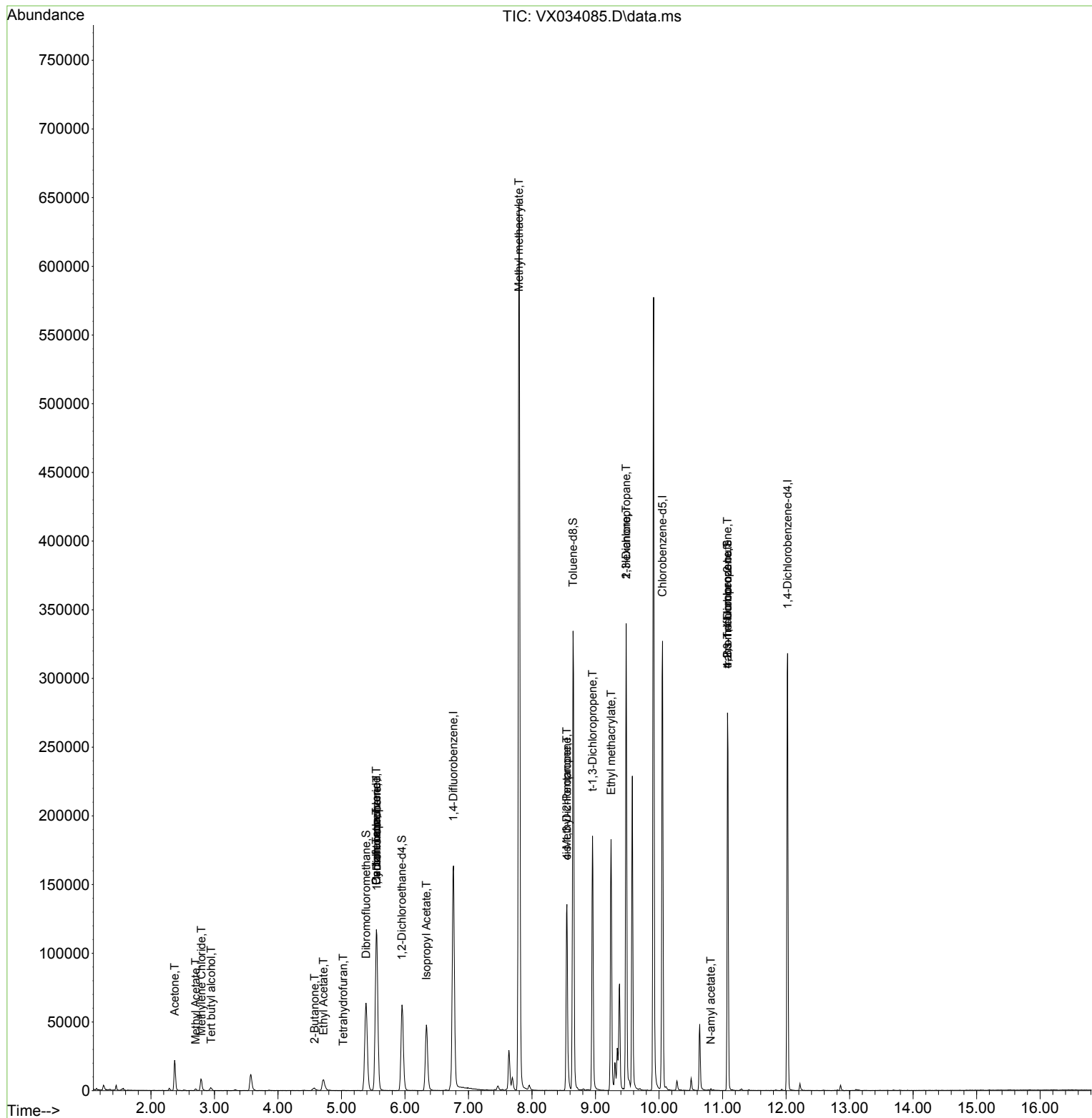
Internal Standards						
1) Pentafluorobenzene	5.550	168	127908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61433	49.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.640%
35) Dibromofluoromethane	5.385	113	55605	49.446	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	8.647	98	202296	49.929	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.860%
62) 4-Bromofluorobenzene	11.079	95	70593	48.783	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1481	8.573	ug/l #	86
16) Acetone	2.373	43	23829	45.754	ug/l	98
18) Methyl Acetate	2.703	43	1435	0.886	ug/l	95
20) Methylene Chloride	2.794	84	4502	3.778	ug/l	88
25) 2-Butanone	4.574	43	3308	4.362	ug/l	95
29) Tetrahydrofuran	5.025	42	232	0.481	ug/l #	41
31) Cyclohexane	5.550	56	1845	1.027	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7393	4.795	ug/l #	49
37) Ethyl Acetate	4.715	43	14776	10.287	ug/l	96
38) Carbon Tetrachloride	5.550	117	10556	6.419	ug/l #	15
43) Isopropyl Acetate	6.336	43	65635	29.301	ug/l	98
48) Methyl methacrylate	7.793	41	56251	48.638	ug/l #	45
51) 4-Methyl-2-Pentanone	8.549	43	49424	35.176	ug/l #	52
53) t-1,3-Dichloropropene	8.952	75	468	0.311	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	23832	13.935	ug/l #	60
56) Ethyl methacrylate	9.244	69	358	0.222	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2999	1.590	ug/l #	43
59) 2-Hexanone	9.482	43	39702	38.612	ug/l #	52
74) N-amyl acetate	10.817	43	396	0.237	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	32940	25.226	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	32940	77.689	ug/l #	8

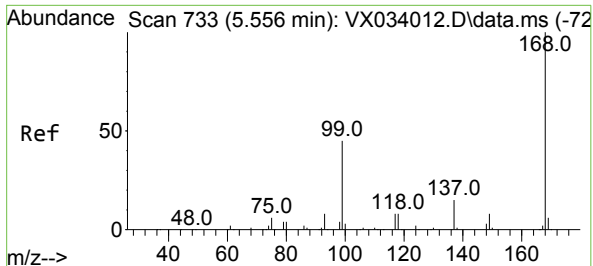
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

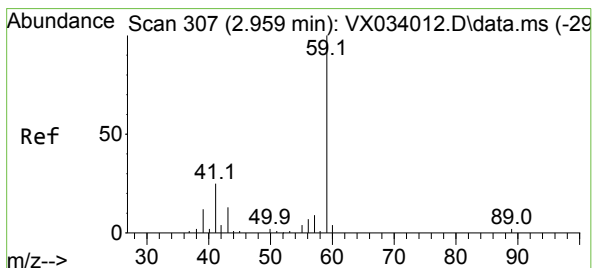
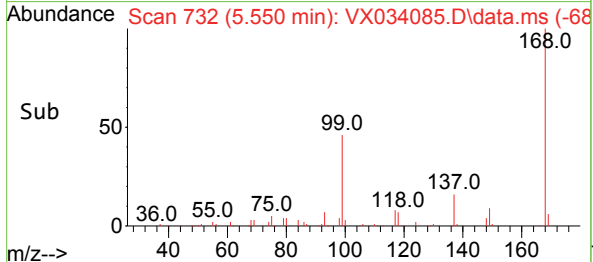
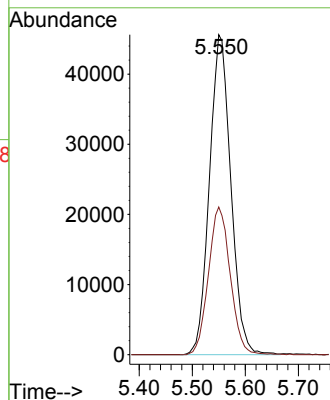
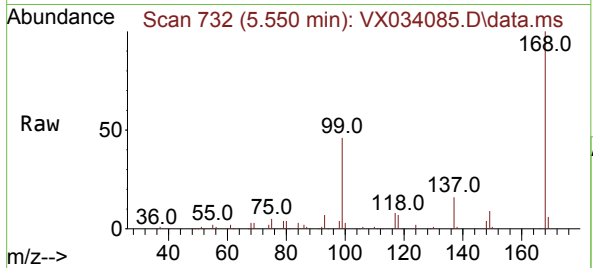




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

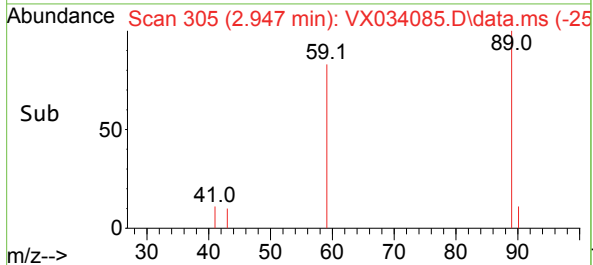
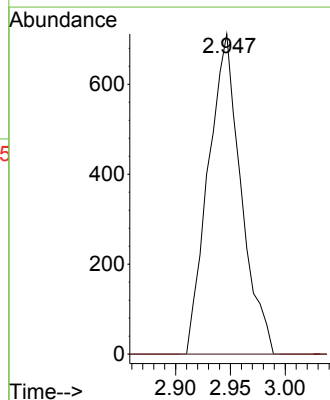
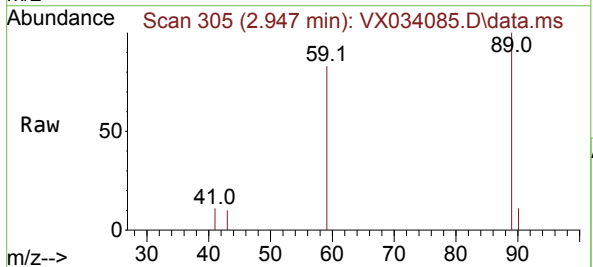
Instrument :
MSVOA_X
ClientSampleId :
TCLP-7

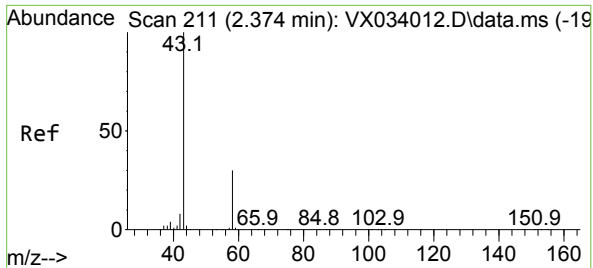
Tgt Ion:168 Resp: 127908
Ion Ratio Lower Upper
168 100
99 46.2 39.6 59.4



#11
Tert butyl alcohol
Concen: 8.573 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

Tgt Ion: 59 Resp: 1481
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

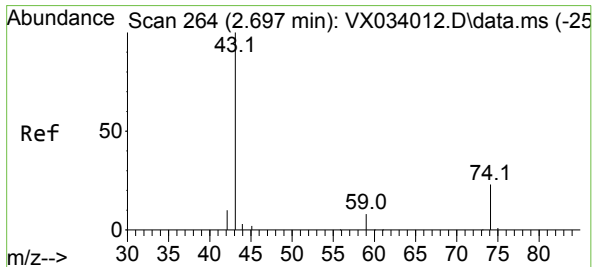
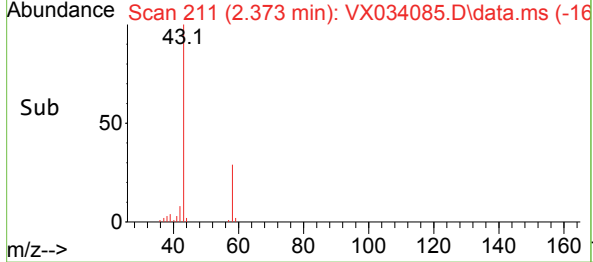
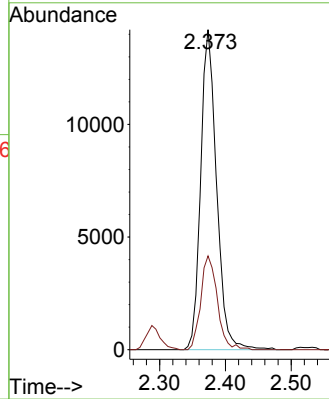
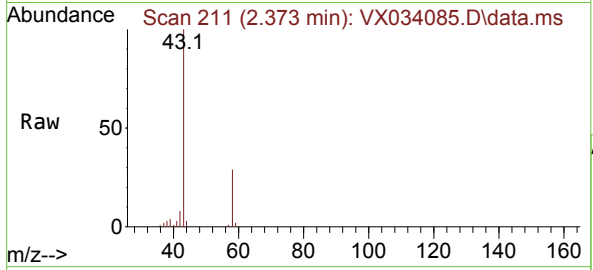




#16
Acetone
Concen: 45.754 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

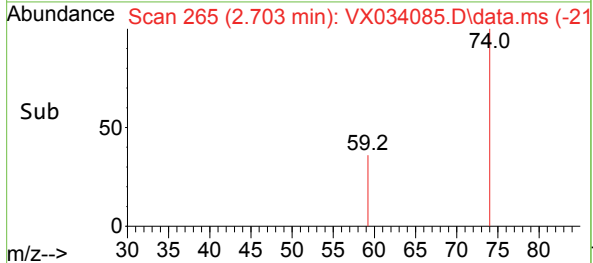
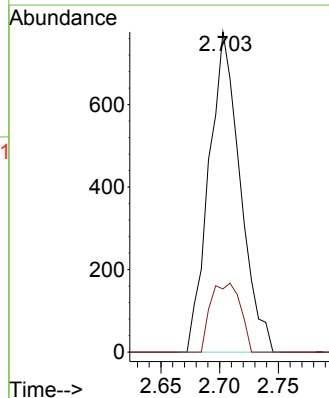
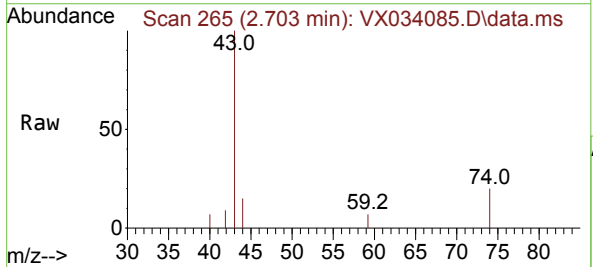
Instrument :
MSVOA_X
ClientSampleId :
TCLP-7

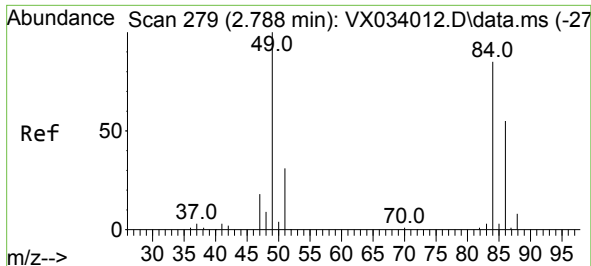
Tgt Ion: 43 Resp: 23829
Ion Ratio Lower Upper
43 100
58 29.3 22.6 33.8



#18
Methyl Acetate
Concen: 0.886 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

Tgt Ion: 43 Resp: 1435
Ion Ratio Lower Upper
43 100
74 20.5 18.2 27.4





#20

Methylene Chloride

Concen: 3.778 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034085.D

Acq: 08 Feb 2023 15:06

Instrument :

MSVOA_X

ClientSampleId :

TCLP-7

Tgt Ion: 84 Resp: 4502

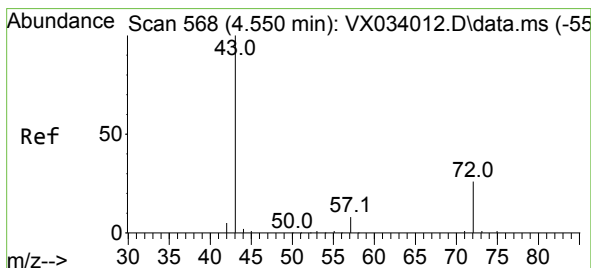
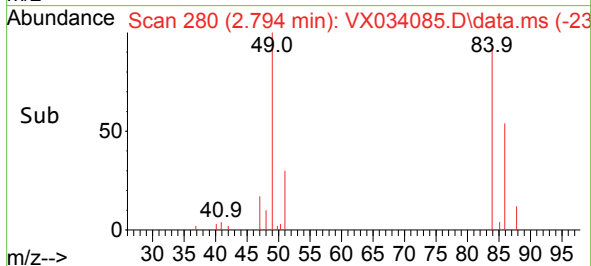
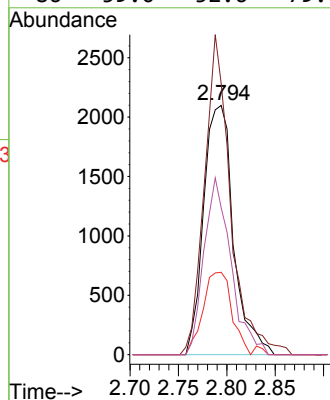
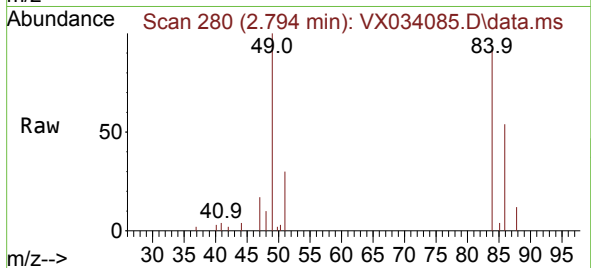
Ion Ratio Lower Upper

84 100

49 108.8 101.1 151.7

51 33.1 31.0 46.6

86 59.0 52.6 79.0



#25

2-Butanone

Concen: 4.362 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.024 min

Lab File: VX034085.D

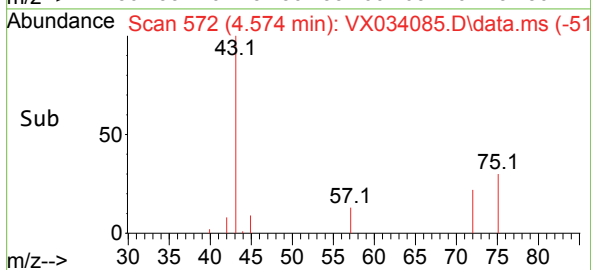
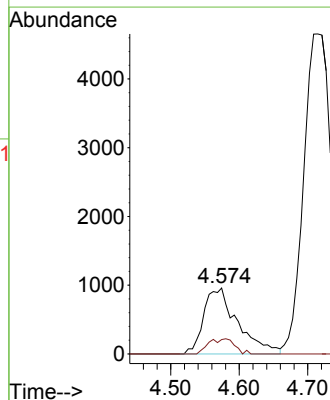
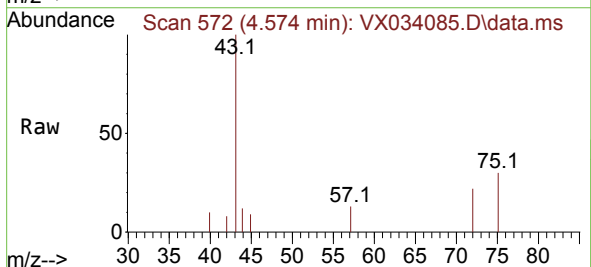
Acq: 08 Feb 2023 15:06

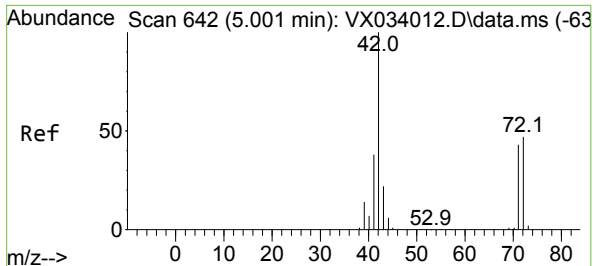
Tgt Ion: 43 Resp: 3308

Ion Ratio Lower Upper

43 100

72 21.8 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.481 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX034085.D

Acq: 08 Feb 2023 15:06

Instrument :

MSVOA_X

ClientSampleId :

TCLP-7

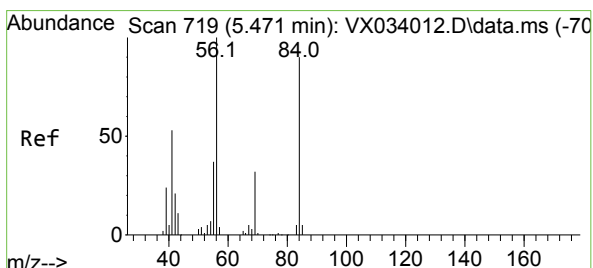
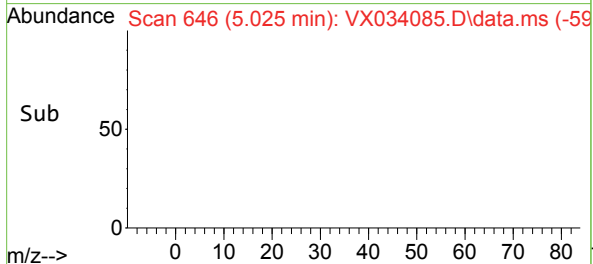
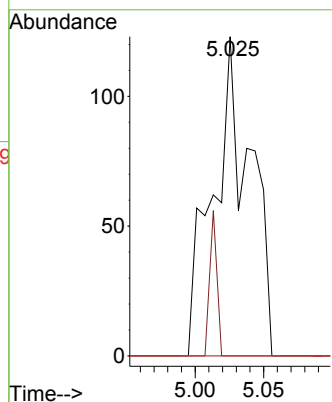
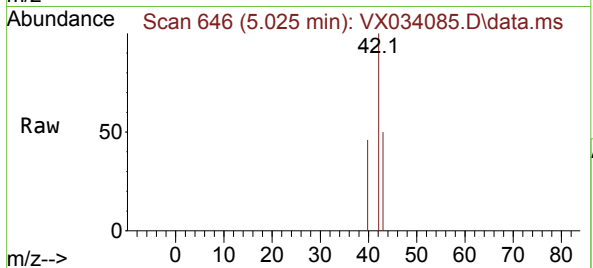
Tgt Ion: 42 Resp: 232

Ion Ratio Lower Upper

42 100

72 8.6 34.8 52.2#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.027 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX034085.D

Acq: 08 Feb 2023 15:06

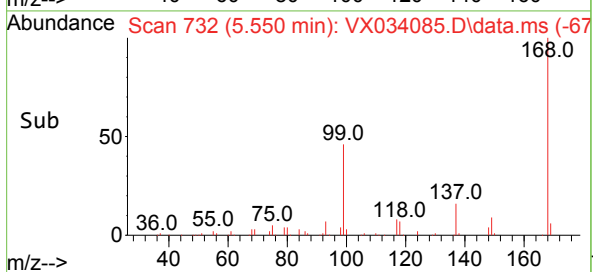
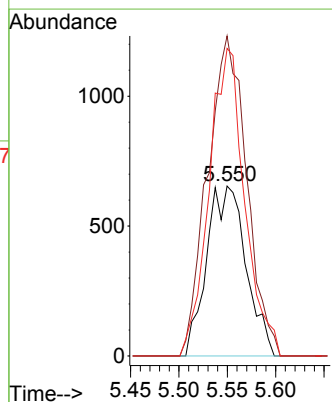
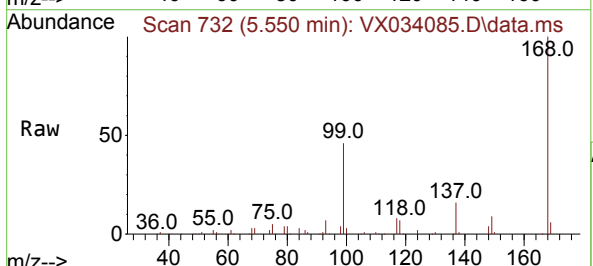
Tgt Ion: 56 Resp: 1845

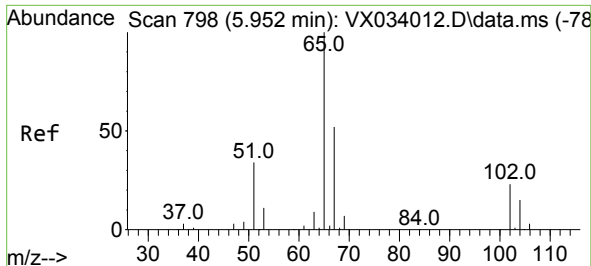
Ion Ratio Lower Upper

56 100

69 188.4 24.6 37.0#

84 181.0 71.0 106.6#

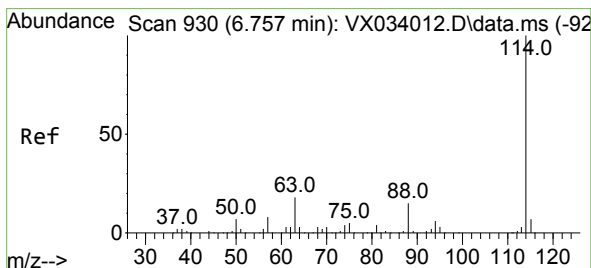
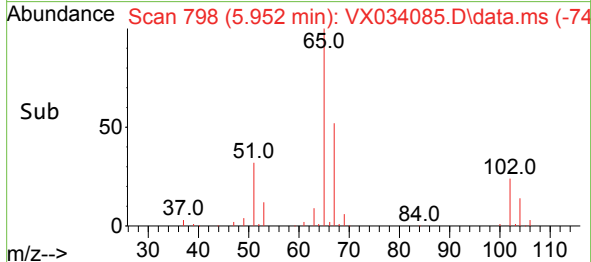
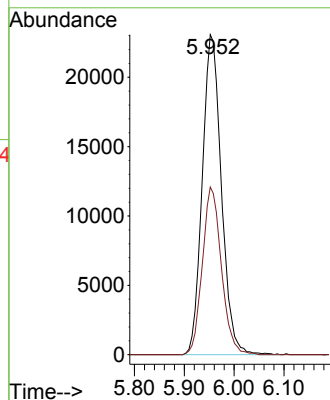
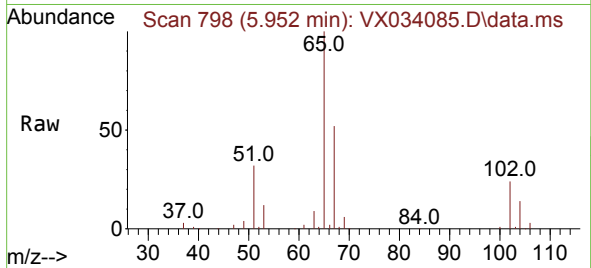




#33
 1,2-Dichloroethane-d4
 Concen: 49.820 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX034085.D
 Acq: 08 Feb 2023 15:06

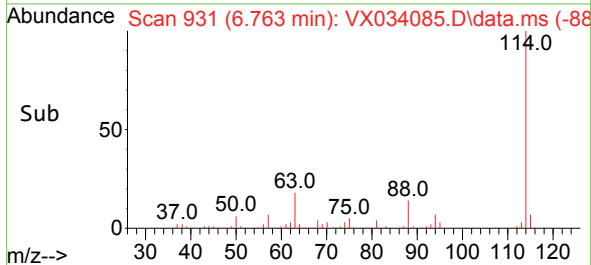
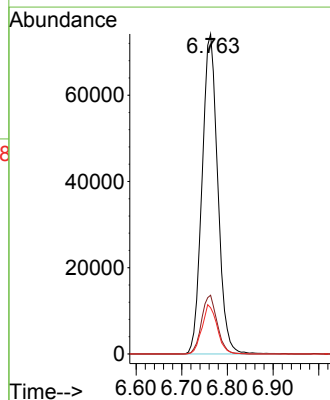
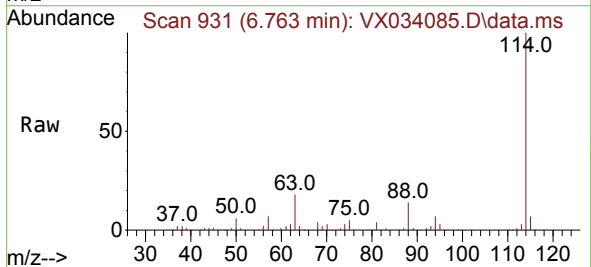
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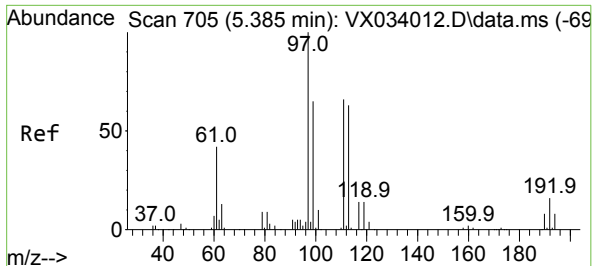
Tgt Ion: 65 Resp: 61433
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034085.D
 Acq: 08 Feb 2023 15:06

Tgt Ion: 114 Resp: 176697
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.4
 88 14.4 0.0 30.6

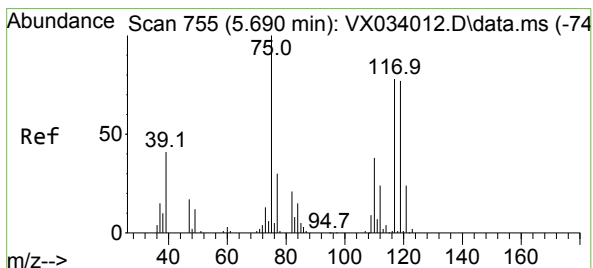
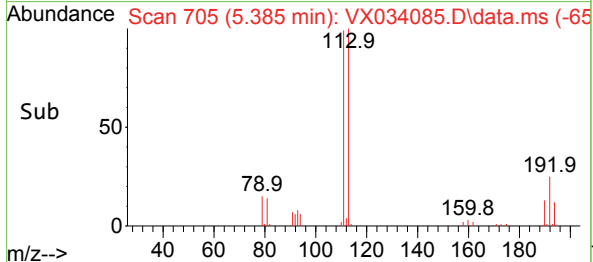
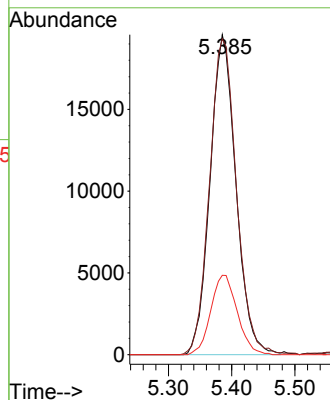
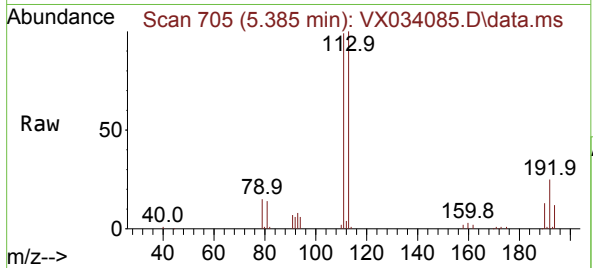




#35
Dibromofluoromethane
Concen: 49.446 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

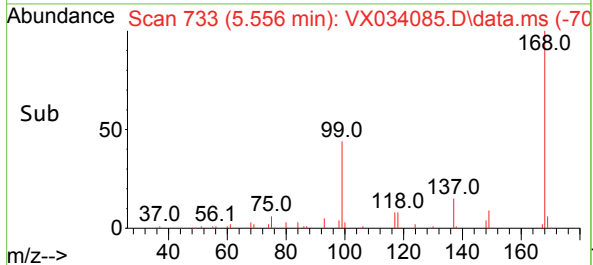
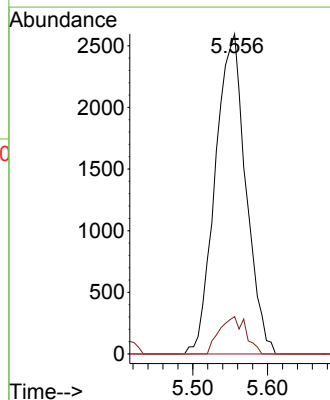
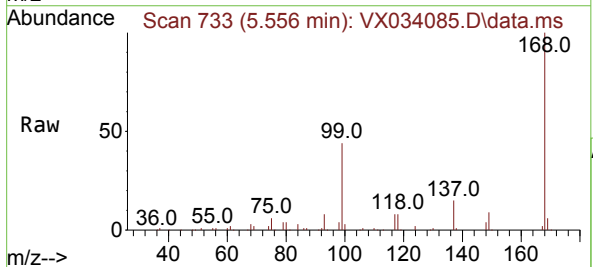
Instrument :
MSVOA_X
ClientSampleId :
TCLP-7

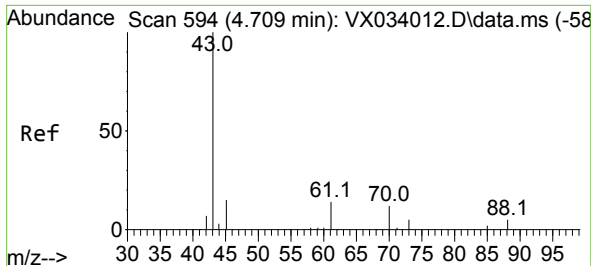
Tgt Ion:113 Resp: 55605
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 25.3 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.795 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

Tgt Ion: 75 Resp: 7393
Ion Ratio Lower Upper
75 100
110 10.1 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 10.287 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034085.D

Acq: 08 Feb 2023 15:06

Instrument :

MSVOA_X

ClientSampleId :

TCLP-7

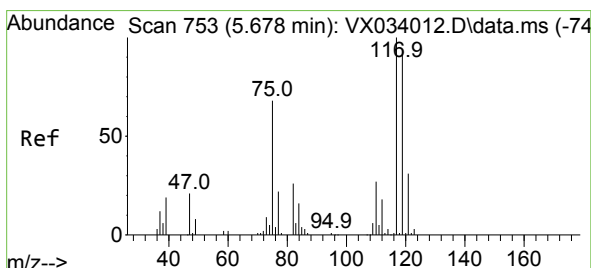
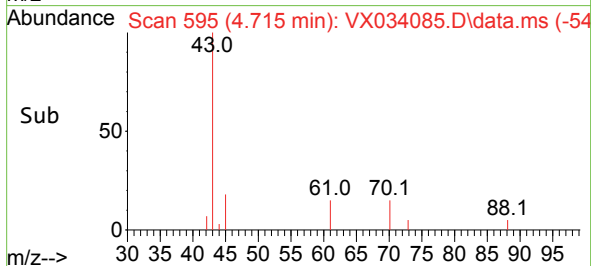
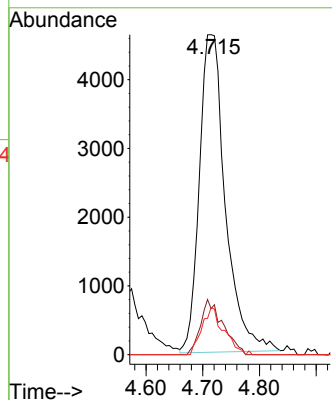
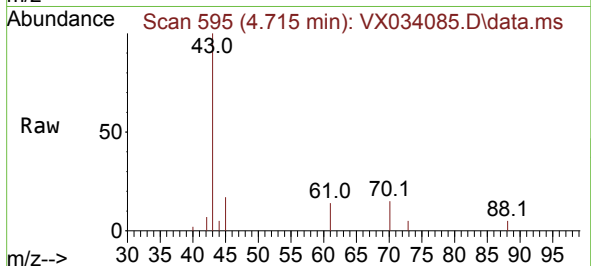
Tgt Ion: 43 Resp: 14776

Ion Ratio Lower Upper

43 100

61 15.0 11.1 16.7

70 12.5 8.5 12.7



#38

Carbon Tetrachloride

Concen: 6.419 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX034085.D

Acq: 08 Feb 2023 15:06

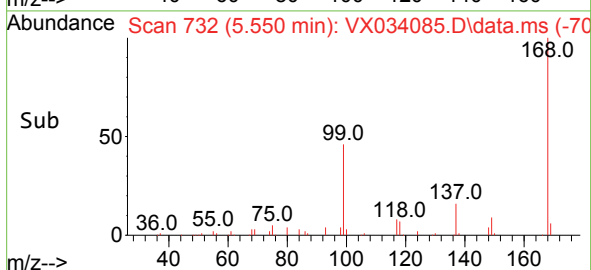
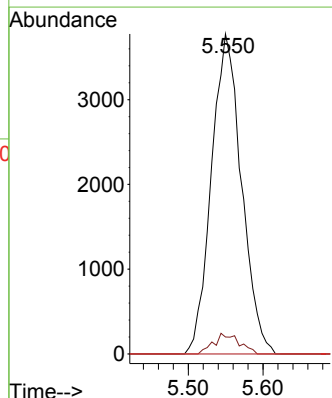
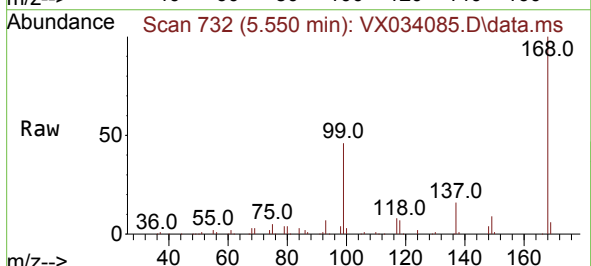
Tgt Ion: 117 Resp: 10556

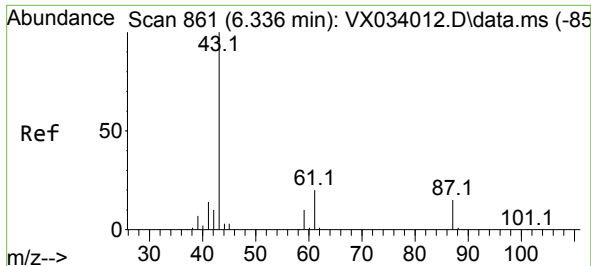
Ion Ratio Lower Upper

117 100

119 5.3 78.0 117.0#

121 0.0 24.4 36.6#

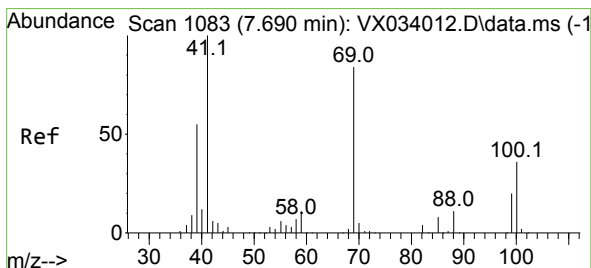
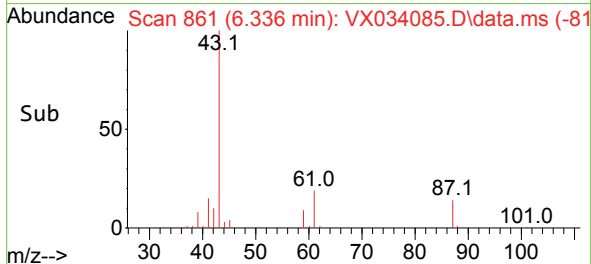
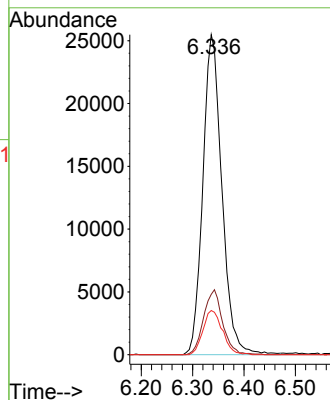
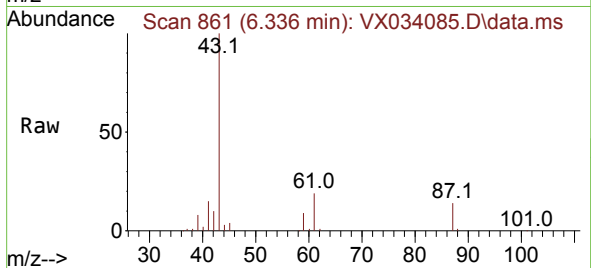




#43
Isopropyl Acetate
Concen: 29.301 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

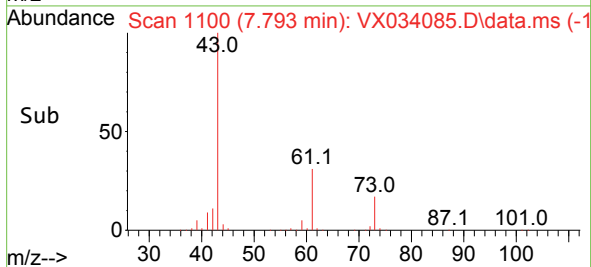
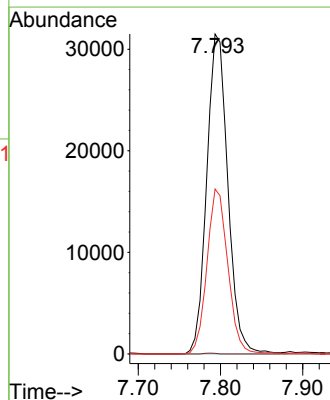
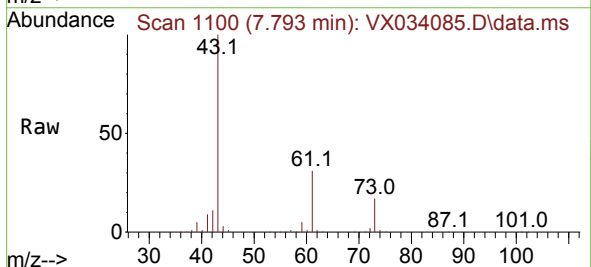
Instrument :
MSVOA_X
ClientSampleId :
TCLP-7

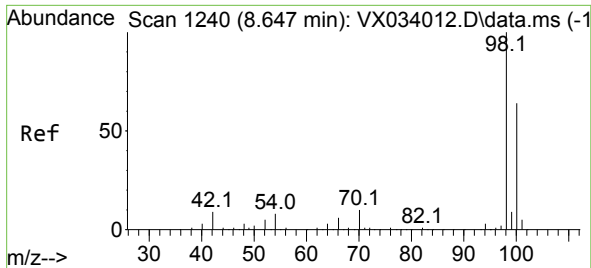
Tgt Ion: 43 Resp: 65635
Ion Ratio Lower Upper
43 100
61 20.3 15.7 23.5
87 14.1 10.6 15.8



#48
Methyl methacrylate
Concen: 48.638 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

Tgt Ion: 41 Resp: 56251
Ion Ratio Lower Upper
41 100
69 0.1 63.1 94.7#
39 51.0 43.2 64.8

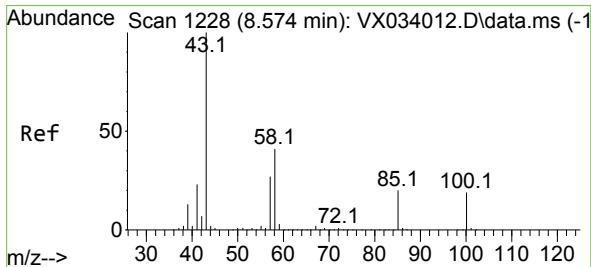
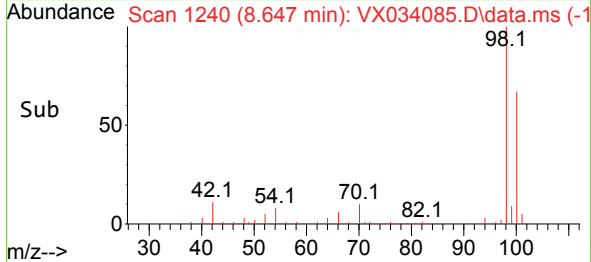
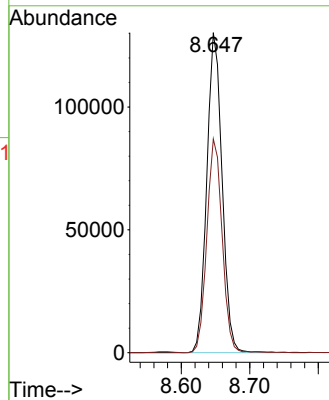
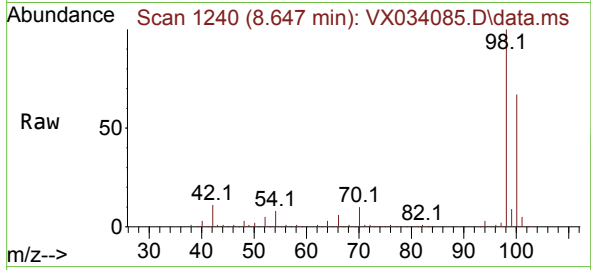




#50
Toluene-d8
Concen: 49.929 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

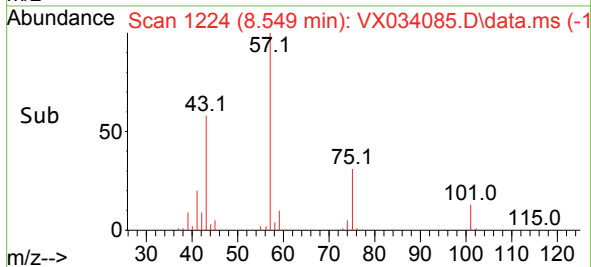
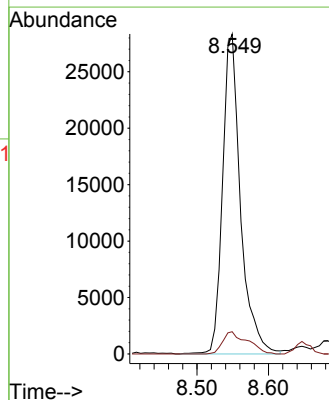
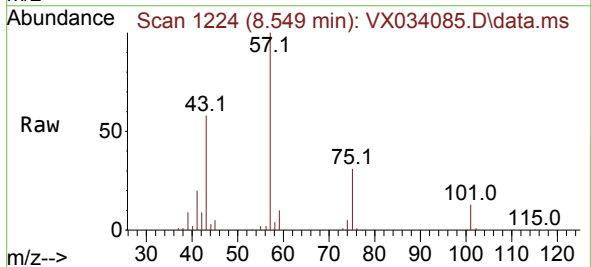
Instrument :
MSVOA_X
ClientSampleId :
TCLP-7

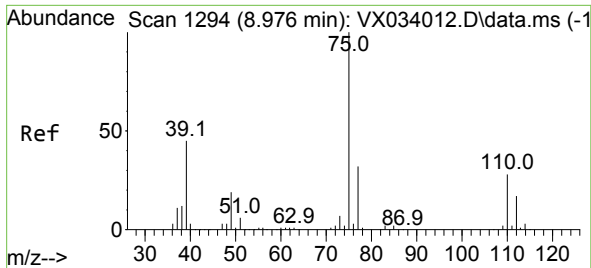
Tgt Ion: 98 Resp: 202296
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 35.176 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

Tgt Ion: 43 Resp: 49424
Ion Ratio Lower Upper
43 100
58 9.6 31.2 46.8#

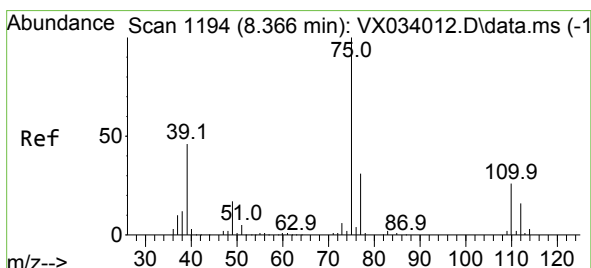
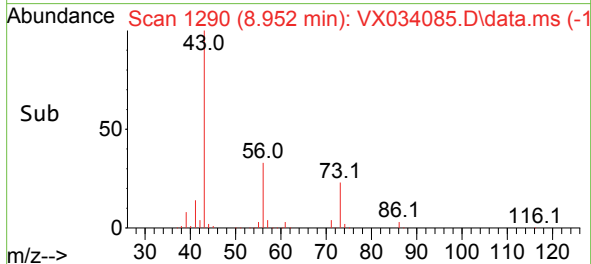
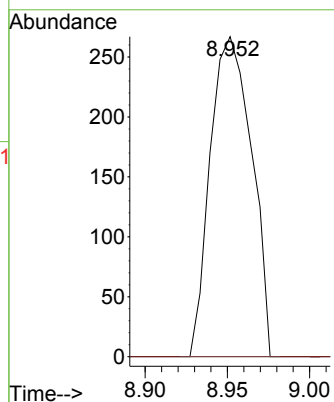
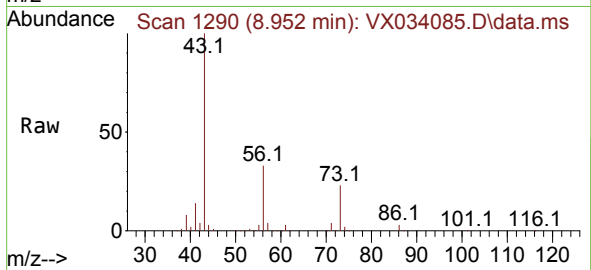




#53
 t-1,3-Dichloropropene
 Concen: 0.311 ug/l
 RT: 8.952 min Scan# 1124
 Delta R.T. -0.024 min
 Lab File: VX034085.D
 Acq: 08 Feb 2023 15:06

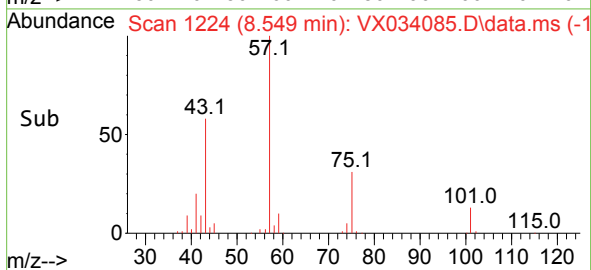
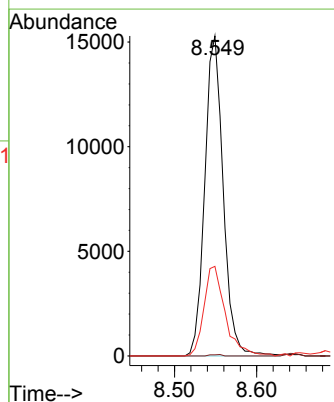
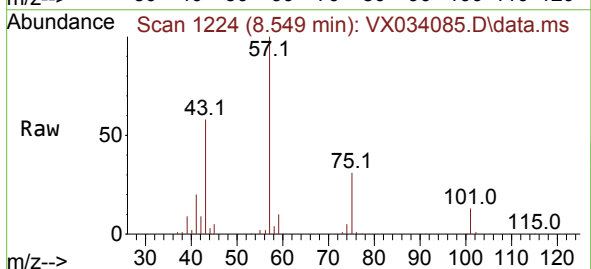
Instrument :
 MSVOA_X
 ClientSampleId :
 TCLP-7

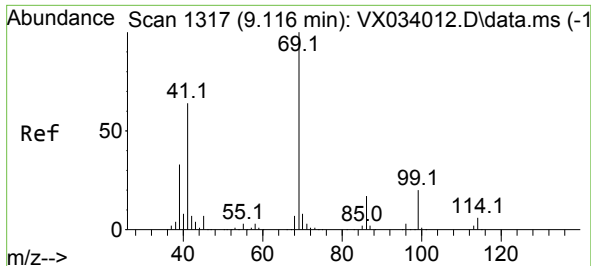
Tgt Ion: 75 Resp: 468
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#



#54
 cis-1,3-Dichloropropene
 Concen: 13.935 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX034085.D
 Acq: 08 Feb 2023 15:06

Tgt Ion: 75 Resp: 23832
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.0 37.6#
 39 28.0 38.6 58.0#

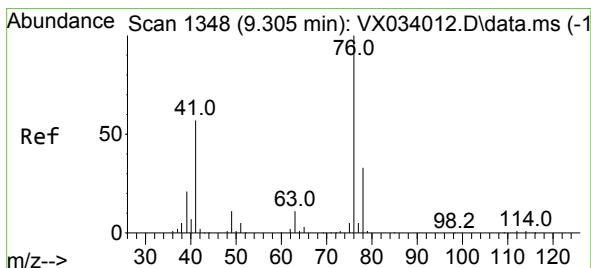
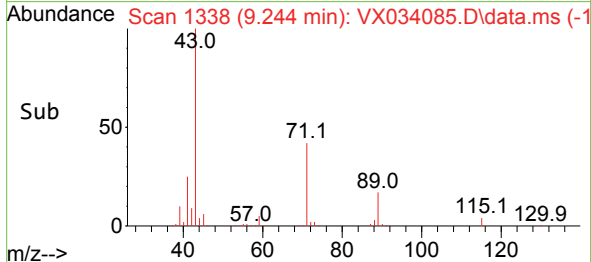
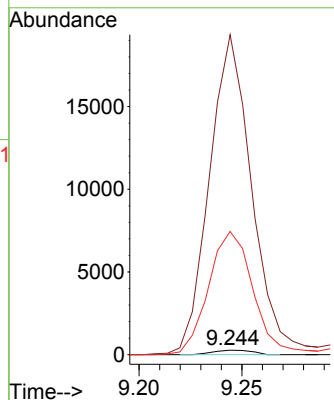
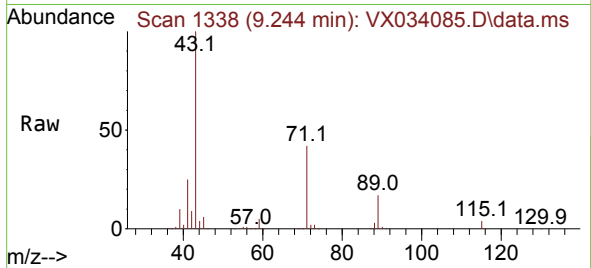




#56
Ethyl methacrylate
Concen: 0.222 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

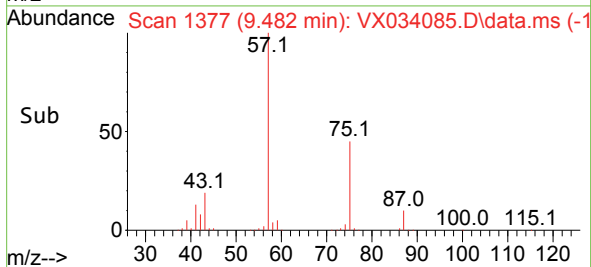
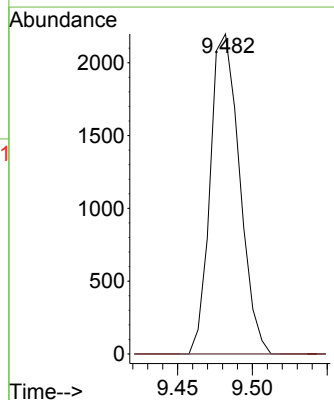
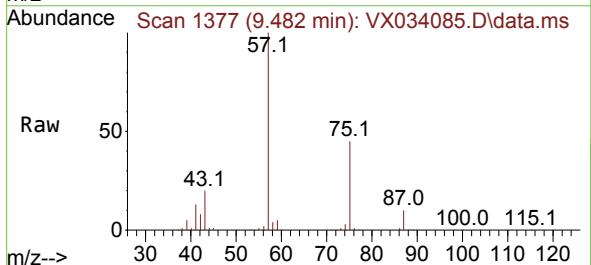
Instrument :
MSVOA_X
ClientSampleId :
TCLP-7

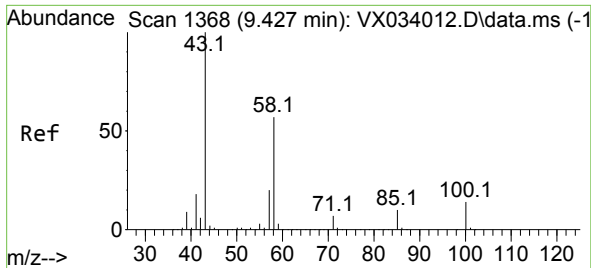
Tgt Ion: 69 Resp: 358
Ion Ratio Lower Upper
69 100
41 7797.8 55.1 82.7#
39 3156.1 28.5 42.7#



#57
1,3-Dichloropropane
Concen: 1.590 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

Tgt Ion: 76 Resp: 2999
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

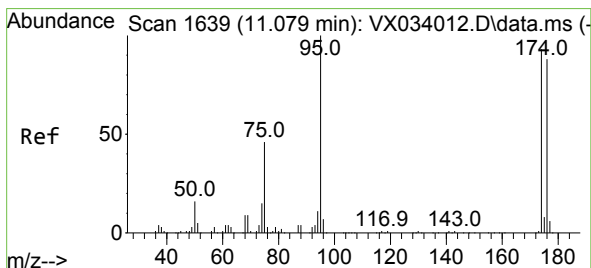
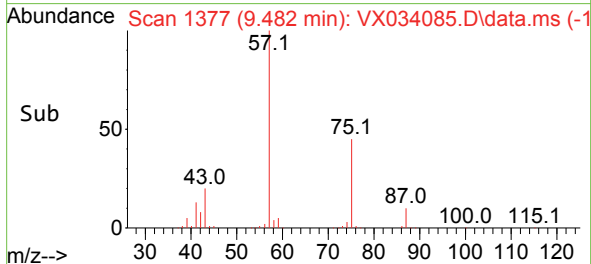
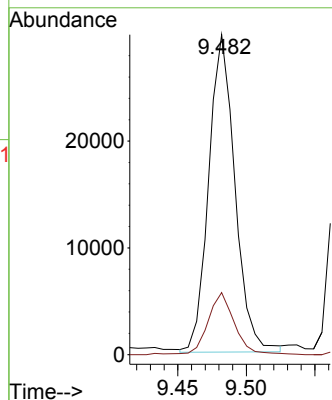
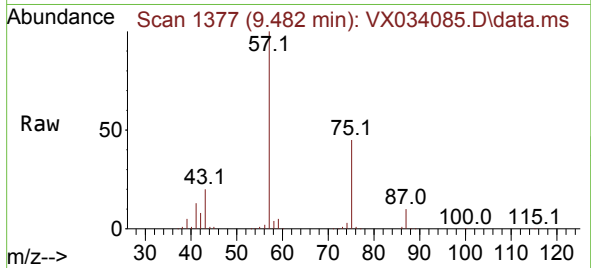




#59
2-Hexanone
Concen: 38.612 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.055 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

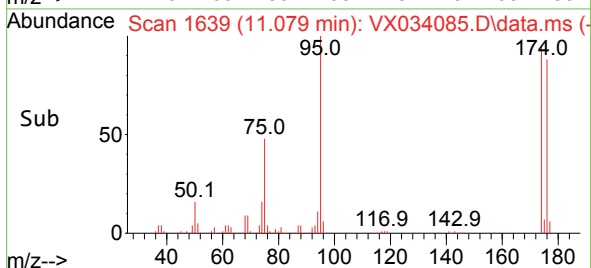
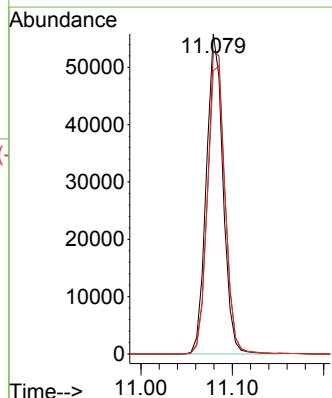
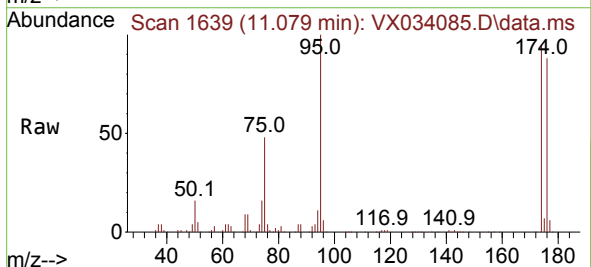
Instrument :
MSVOA_X
ClientSampleId :
TCLP-7

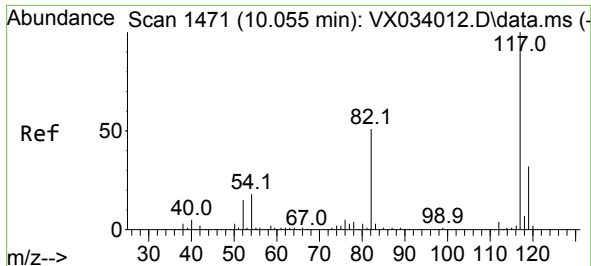
Tgt Ion: 43 Resp: 39702
Ion Ratio Lower Upper
43 100
58 19.9 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: 48.783 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

Tgt Ion: 95 Resp: 70593
Ion Ratio Lower Upper
95 100
174 98.8 0.0 184.4
176 95.5 0.0 178.8

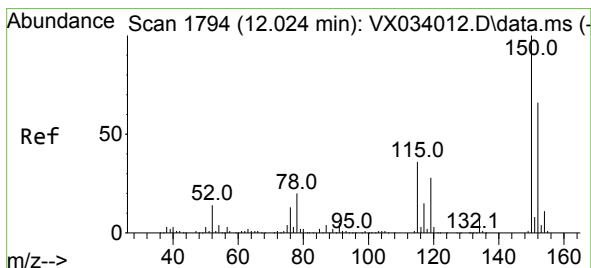
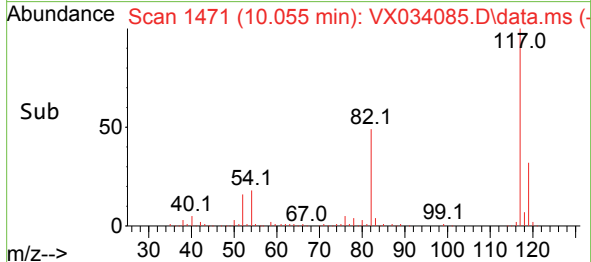
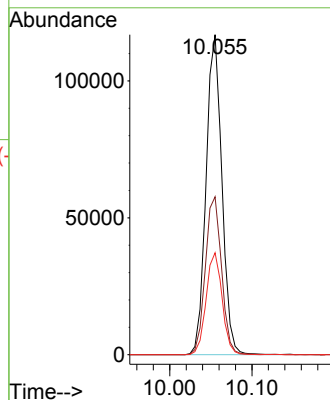
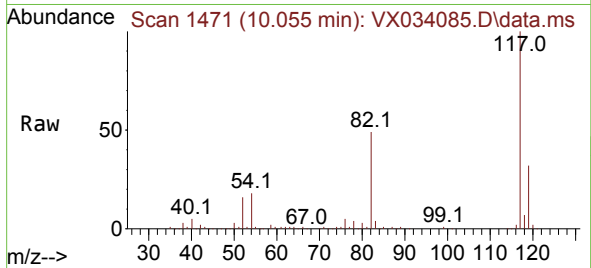




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

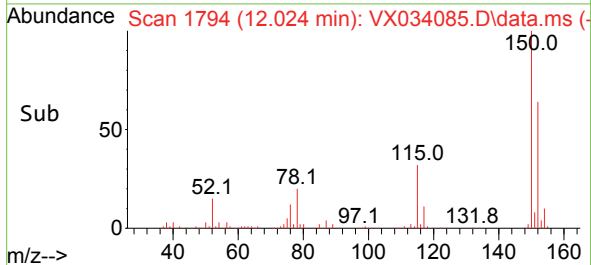
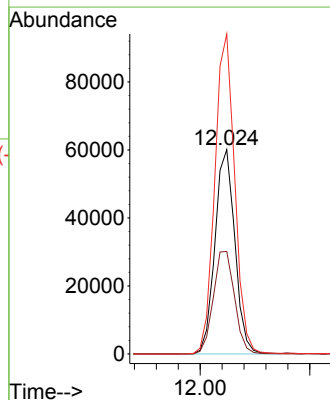
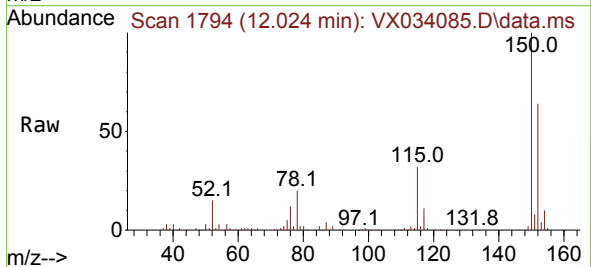
Instrument :
MSVOA_X
ClientSampleId :
TCLP-7

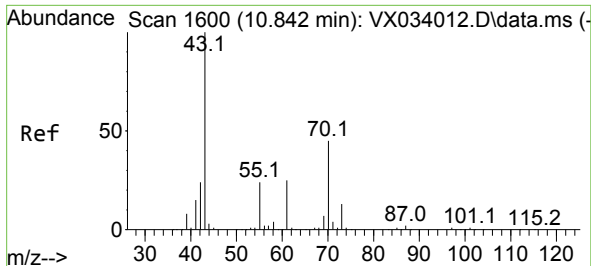
Tgt Ion:117 Resp: 156330
Ion Ratio Lower Upper
117 100
82 49.4 40.6 60.8
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

Tgt Ion:152 Resp: 76046
Ion Ratio Lower Upper
152 100
115 53.5 38.7 116.1
150 156.4 0.0 348.2

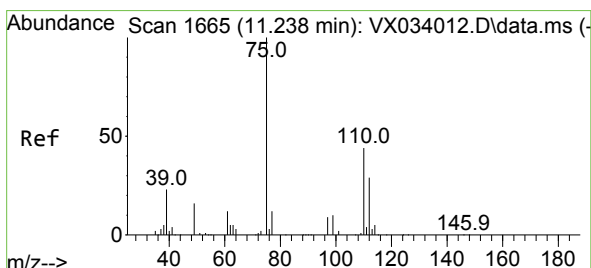
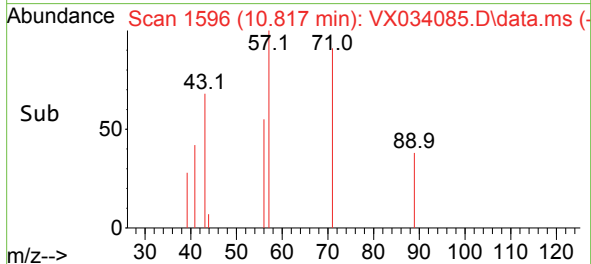
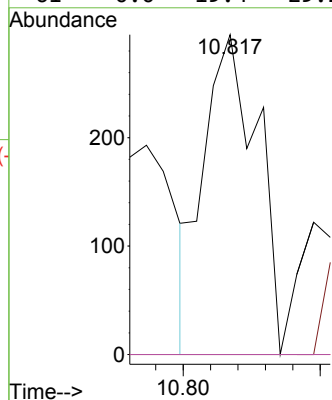
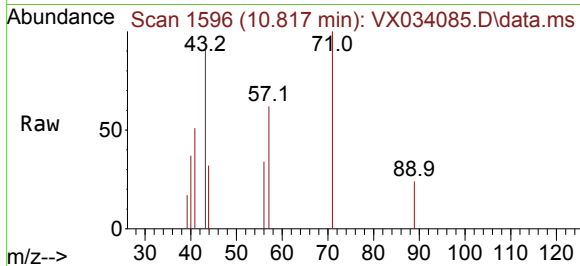




#74
N-amy1 acetate
Concen: 0.237 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

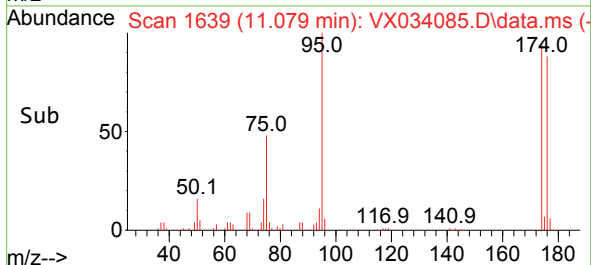
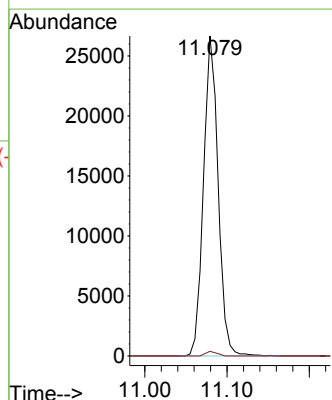
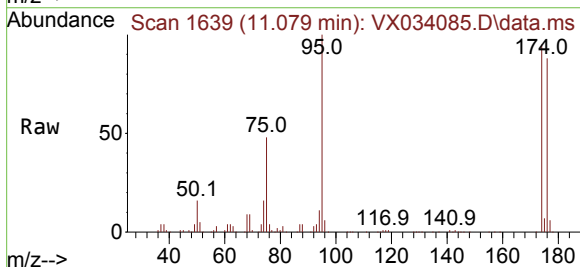
Instrument :
MSVOA_X
ClientSampleId :
TCLP-7

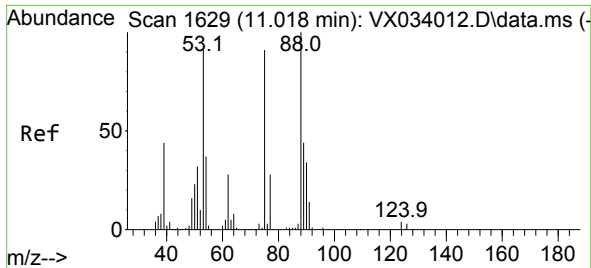
Tgt Ion: 43	Resp: 396
Ion Ratio	Lower Upper
43 100	
70 0.0	34.8 52.2#
55 0.0	19.4 29.0#
61 0.0	19.4 29.2#



#76
1,2,3-Trichloropropane
Concen: 25.226 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034085.D
Acq: 08 Feb 2023 15:06

Tgt Ion: 75	Resp: 32940
Ion Ratio	Lower Upper
75 100	
77 1.1	21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.689 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034085.D
 Acq: 08 Feb 2023 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 TCLP-7

Tgt Ion: 75 Resp: 32940
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.1 37.7 56.5#

