

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036436.D
 Acq On : 06 Jul 2023 15:29
 Operator : JC/MD
 Sample : 03510-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-10-G

Quant Time: Jul 07 01:48:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

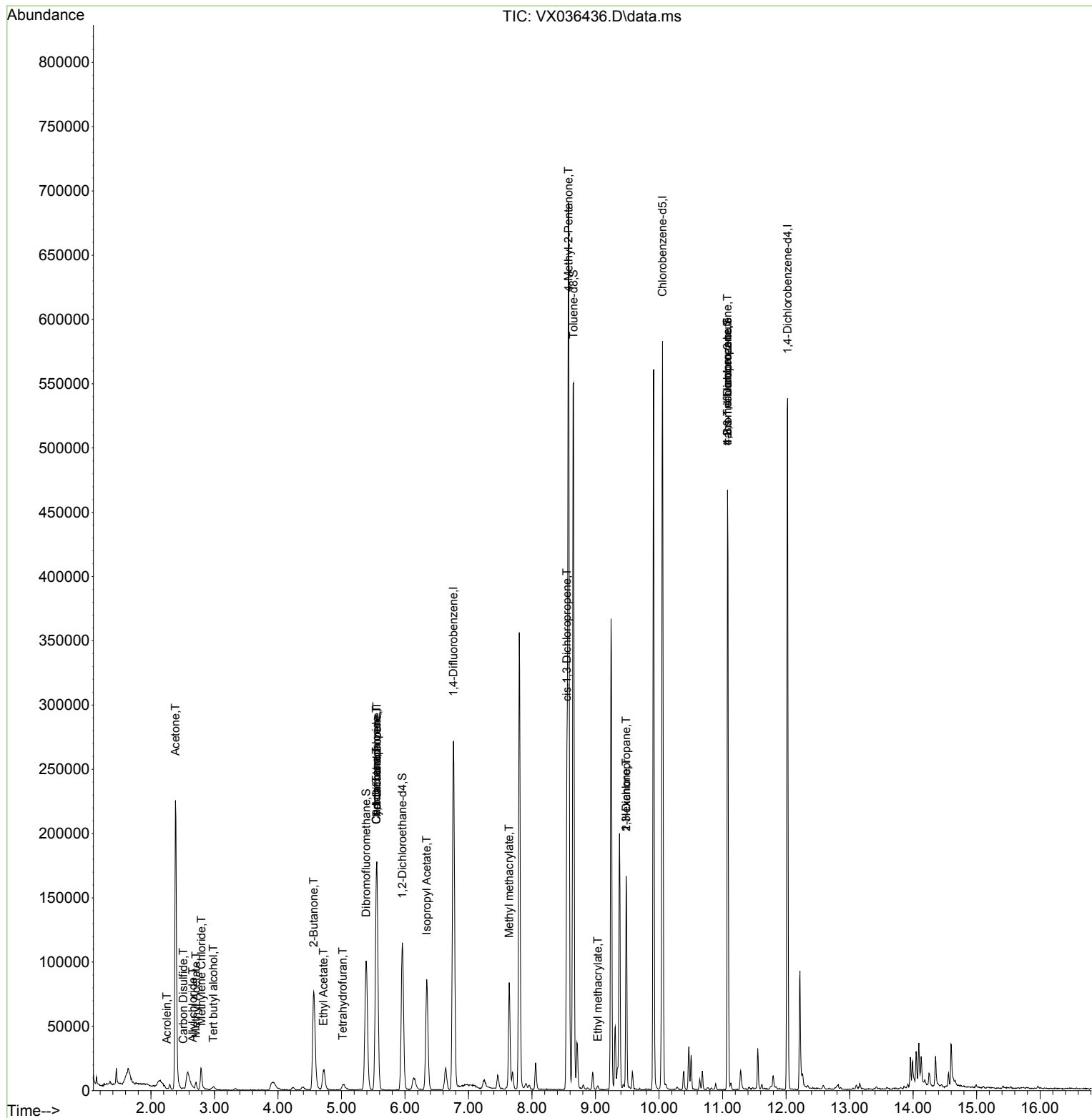
Internal Standards						
1) Pentafluorobenzene	5.556	168	168626	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	279198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108050	44.702	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.400%		
35) Dibromofluoromethane	5.385	113	88567	48.109	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.220%		
50) Toluene-d8	8.653	98	342449	49.804	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.600%		
62) 4-Bromofluorobenzene	11.079	95	119994	49.545	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.080%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.983	59	4439	10.089	ug/l	# 92
13) Acrolein	2.252	56	239	0.396	ug/l	# 20
14) Allyl chloride	2.660	41	1095	0.352	ug/l	# 24
16) Acetone	2.386	43	261979	253.572	ug/l	95
17) Carbon Disulfide	2.508	76	1086	0.231	ug/l	98
18) Methyl Acetate	2.709	43	6233	1.467	ug/l	99
20) Methylene Chloride	2.794	84	8470	3.808	ug/l	# 76
25) 2-Butanone	4.562	43	134721	90.756	ug/l	92
29) Tetrahydrofuran	5.019	42	3904	4.131	ug/l	# 81
31) Cyclohexane	5.550	56	3836	1.238	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	13635	4.969	ug/l	# 50
37) Ethyl Acetate	4.715	43	28302	10.119	ug/l	98
38) Carbon Tetrachloride	5.550	117	16747	6.682	ug/l	# 14
43) Isopropyl Acetate	6.342	43	114604	25.686	ug/l	97
48) Methyl methacrylate	7.641	41	1781	0.801	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.574	43	457089	159.010	ug/l	94
54) cis-1,3-Dichloropropene	8.549	75	38795	12.783	ug/l	# 60
56) Ethyl methacrylate	9.037	69	763	0.253	ug/l	# 22
57) 1,3-Dichloropropane	9.482	76	1341	0.388	ug/l	# 42
59) 2-Hexanone	9.482	43	20052	9.552	ug/l	# 53
76) 1,2,3-Trichloropropane	11.079	75	61626	25.732	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	61626	83.881	ug/l	# 5

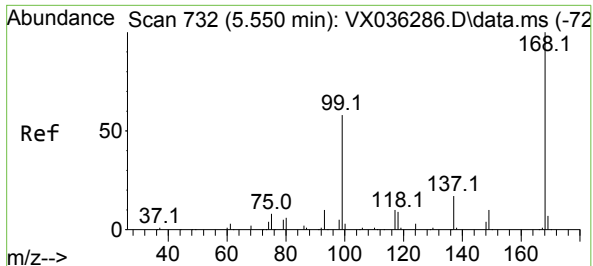
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 01:48:51 2023
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Quant Title : SW846 8260
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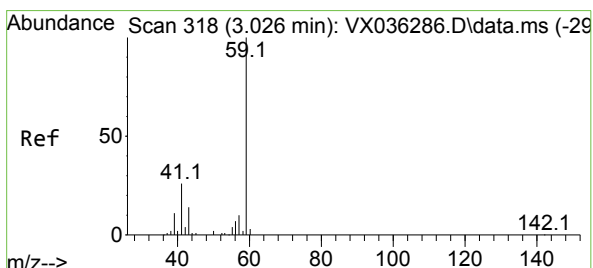
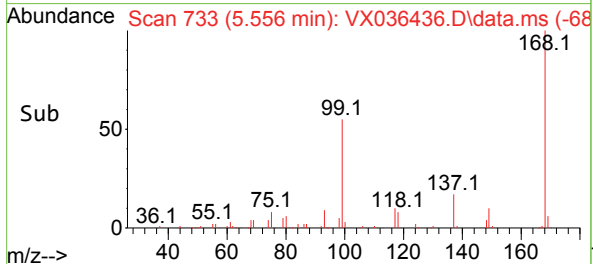
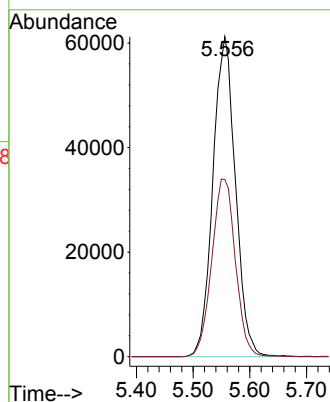
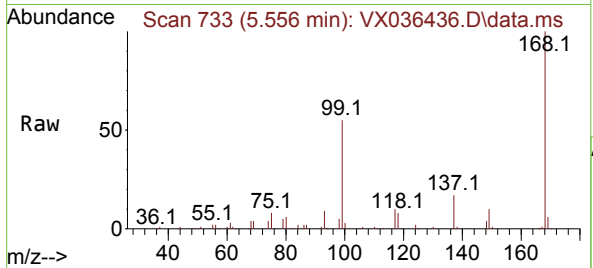




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

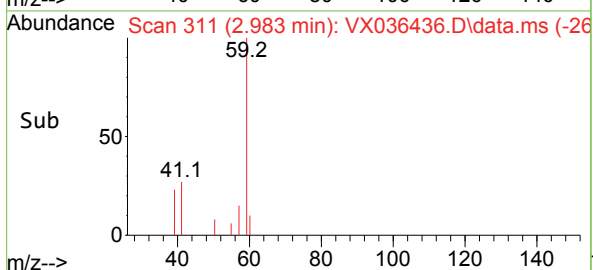
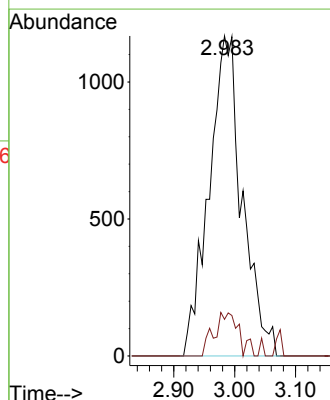
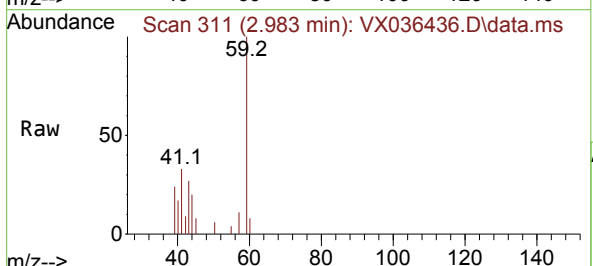
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-10-G

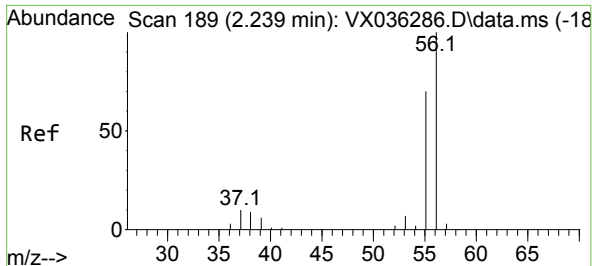
Tgt Ion:168 Resp: 168626
Ion Ratio Lower Upper
168 100
99 55.4 56.6 85.0#



#11
Tert butyl alcohol
Concen: 10.089 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.030 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

Tgt Ion: 59 Resp: 4439
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0#





#13

Acrolein

Concen: 0.396 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.013 min

Lab File: VX036436.D

Acq: 06 Jul 2023 15:29

Instrument :

MSVOA_X

ClientSampleId :

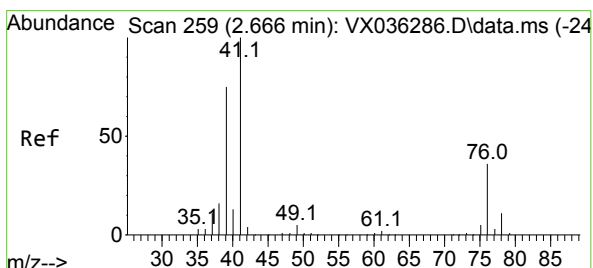
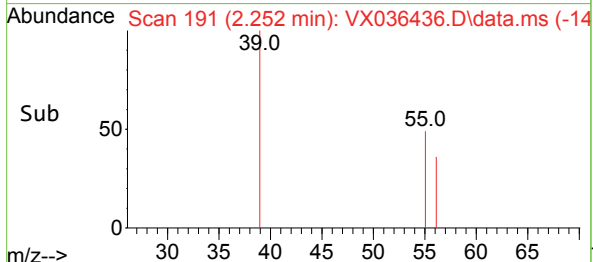
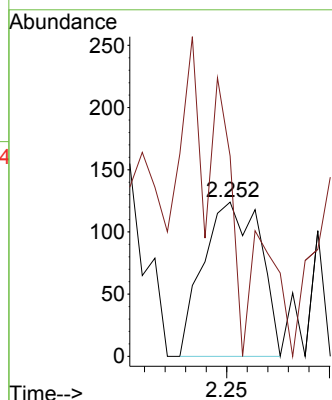
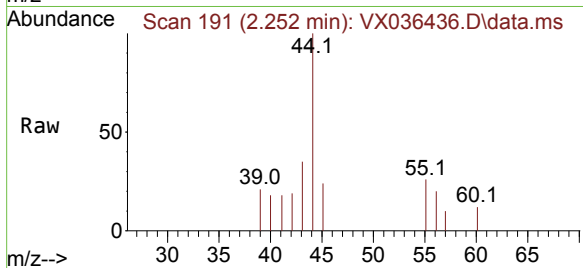
WC-WWS-10-G

Tgt Ion: 56 Resp: 239

Ion Ratio Lower Upper

56 100

55 137.7 57.1 85.7#



#14

Allyl chloride

Concen: 0.352 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX036436.D

Acq: 06 Jul 2023 15:29

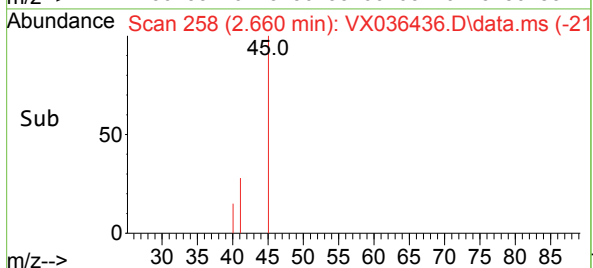
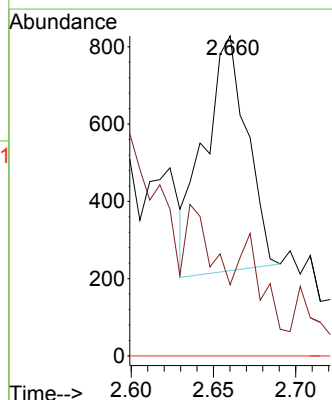
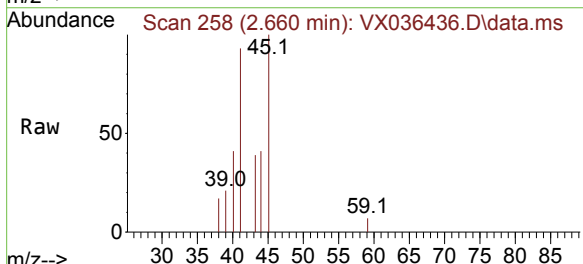
Tgt Ion: 41 Resp: 1095

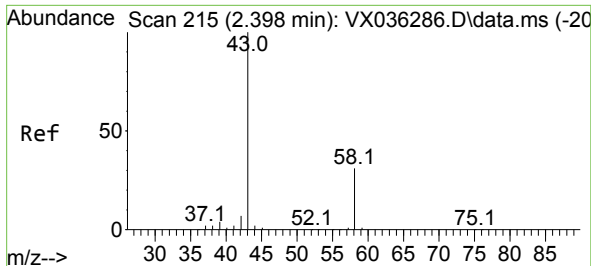
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

76 0.0 24.3 36.5#

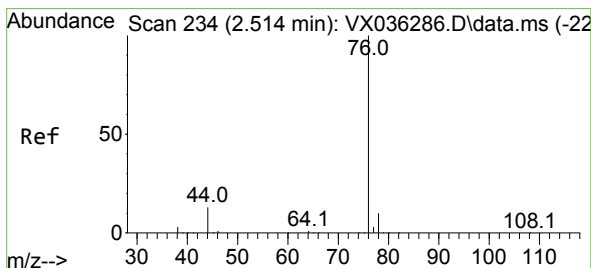
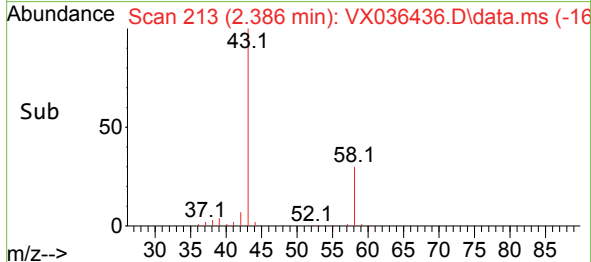
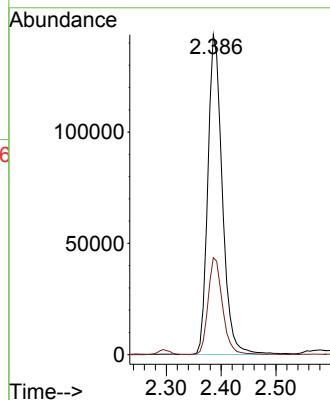
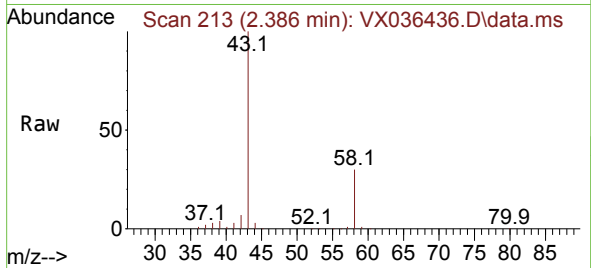




#16
Acetone
Concen: 253.572 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

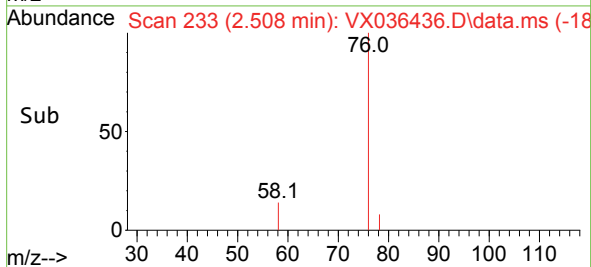
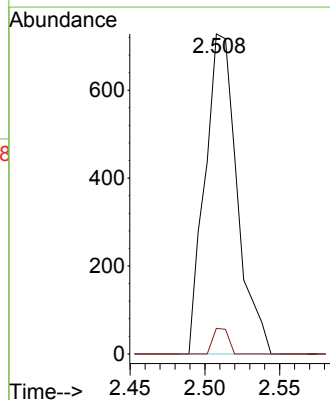
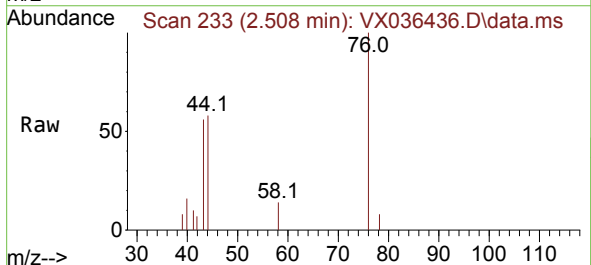
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-10-G

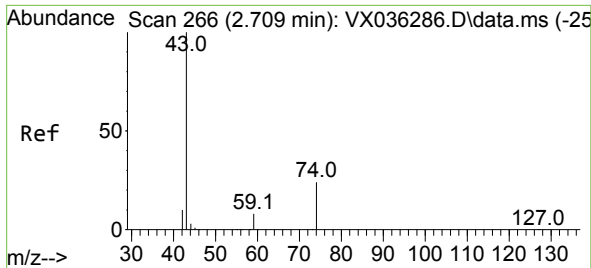
Tgt Ion: 43 Resp: 261979
Ion Ratio Lower Upper
43 100
58 30.2 21.9 32.9



#17
Carbon Disulfide
Concen: 0.231 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.005 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

Tgt Ion: 76 Resp: 1086
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.6

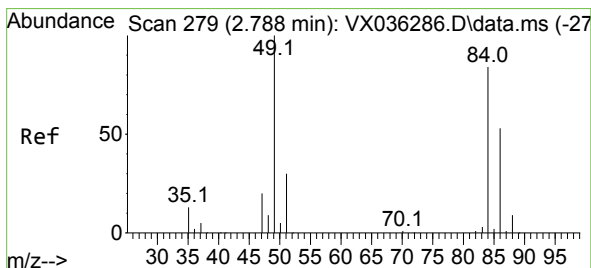
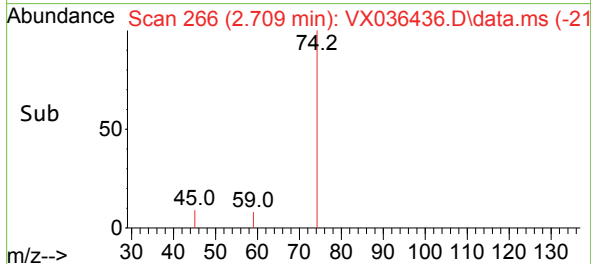
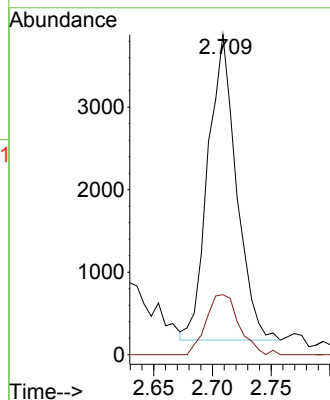
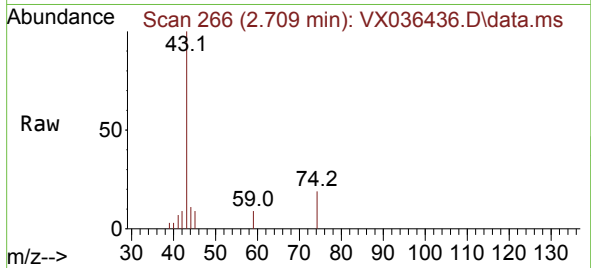




#18
Methyl Acetate
Concen: 1.467 ug/l
RT: 2.709 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

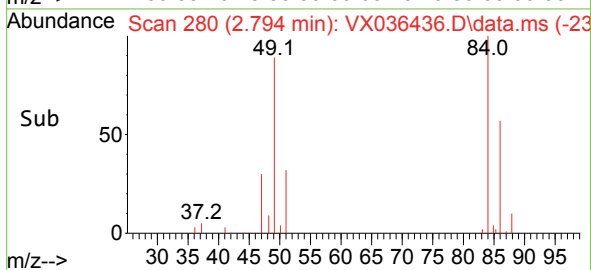
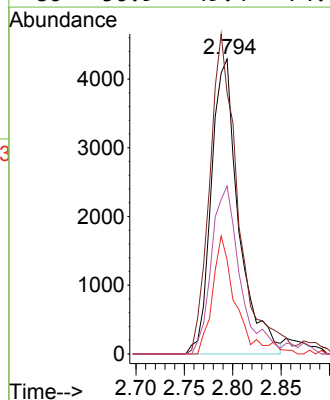
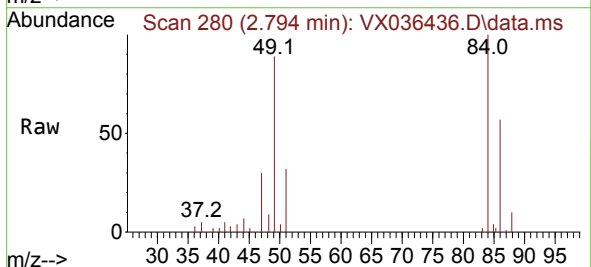
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-10-G

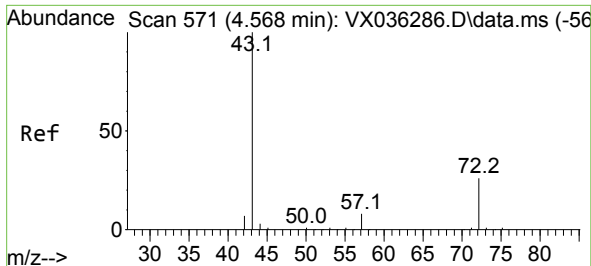
Tgt Ion: 43 Resp: 6233
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8



#20
Methylene Chloride
Concen: 3.808 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

Tgt Ion: 84 Resp: 8470
Ion Ratio Lower Upper
84 100
49 88.5 103.6 155.4#
51 31.9 33.8 50.6#
86 56.9 49.4 74.0

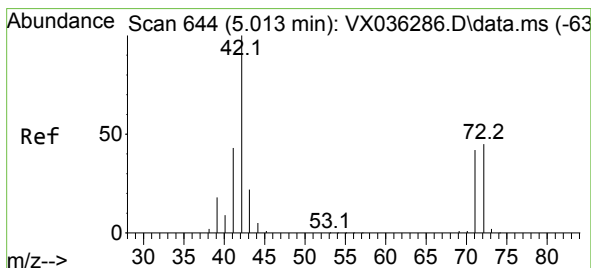
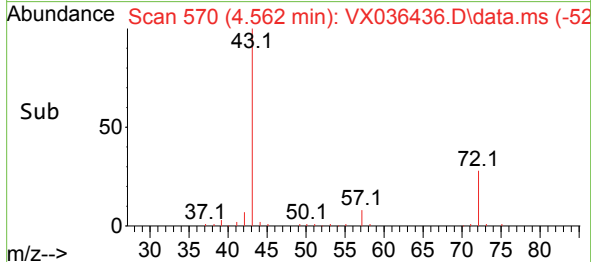
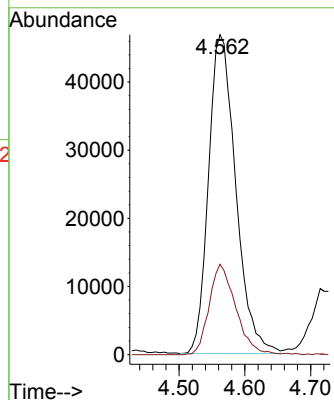
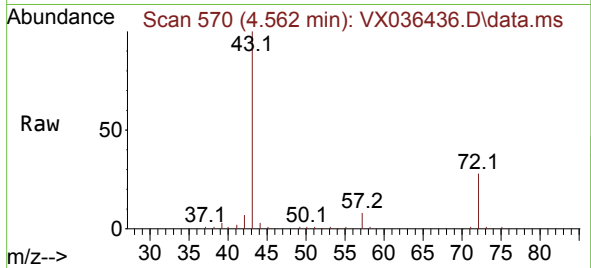




#25
2-Butanone
Concen: 90.756 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

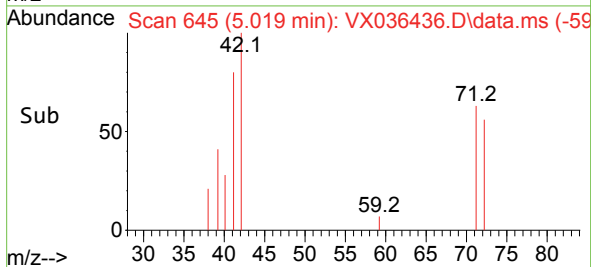
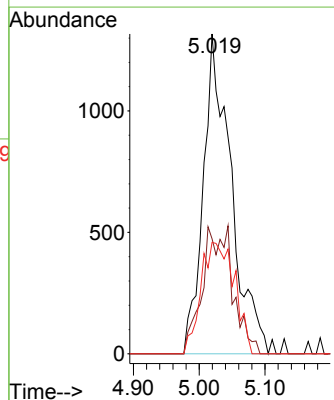
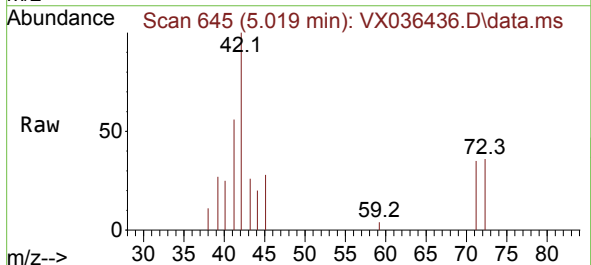
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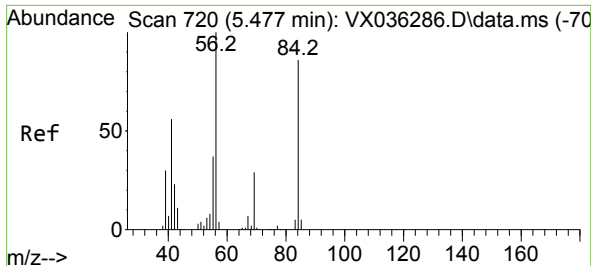
Tgt Ion: 43 Resp: 134721
Ion Ratio Lower Upper
43 100
72 28.4 19.4 29.2



#29
Tetrahydrofuran
Concen: 4.131 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.000 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

Tgt Ion: 42 Resp: 3904
Ion Ratio Lower Upper
42 100
72 21.3 34.2 51.4#
71 41.7 32.2 48.2

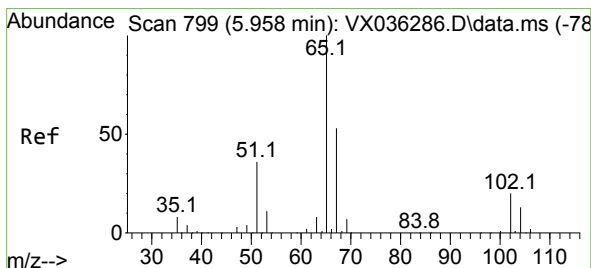
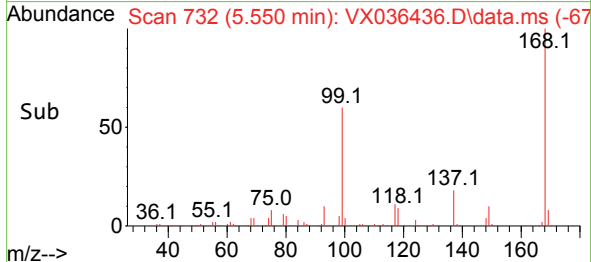
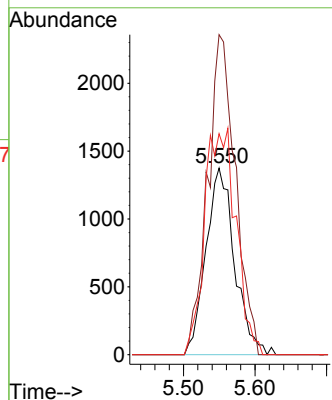
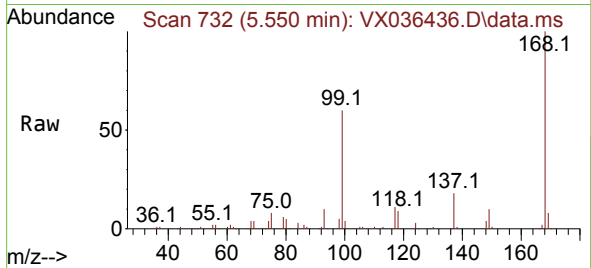




#31
Cyclohexane
Concen: 1.238 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

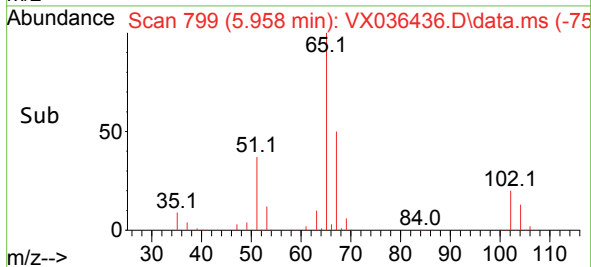
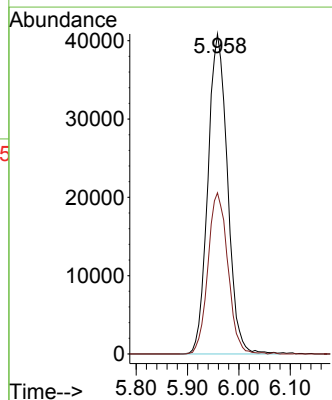
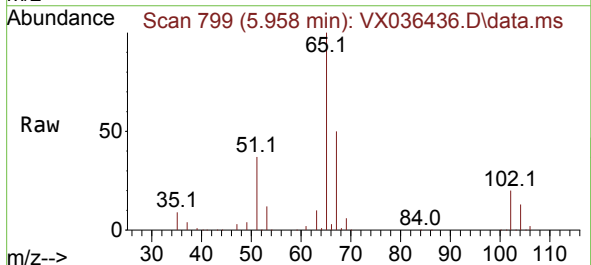
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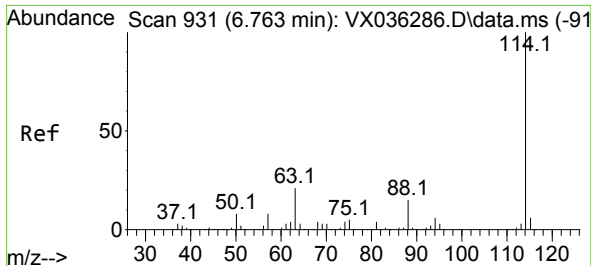
Tgt Ion: 56 Resp: 3836
Ion Ratio Lower Upper
56 100
69 171.5 23.4 35.2#
84 118.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.702 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

Tgt Ion: 65 Resp: 108050
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

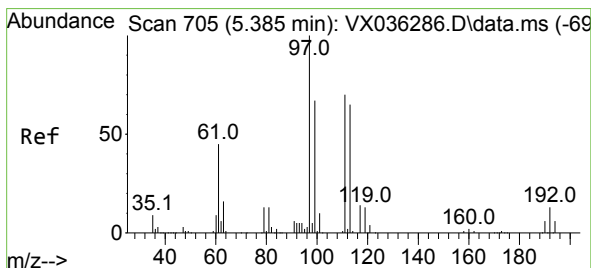
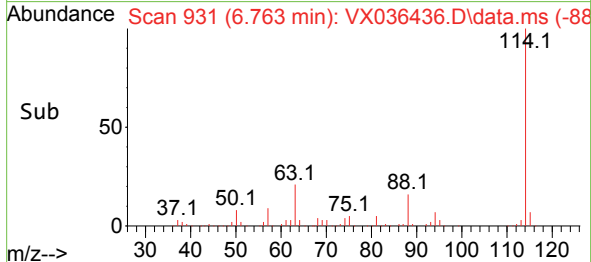
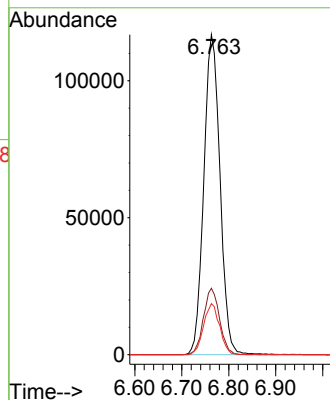
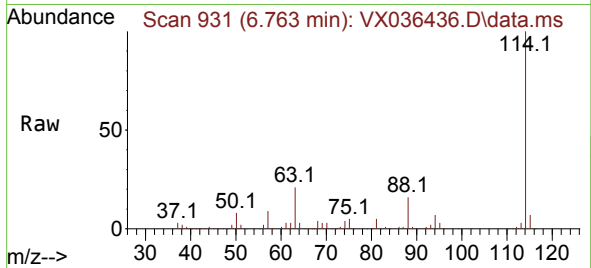




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

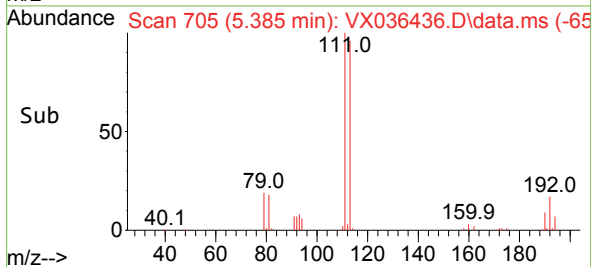
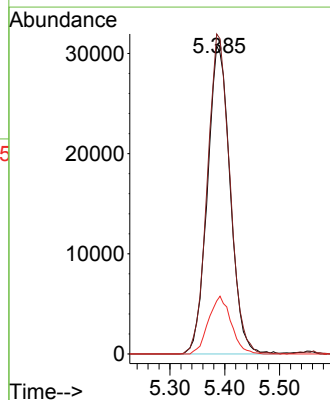
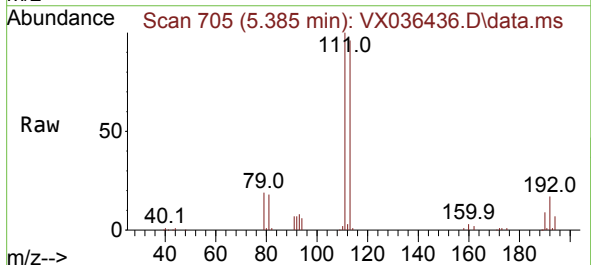
Instrument :
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WC-WWS-10-G

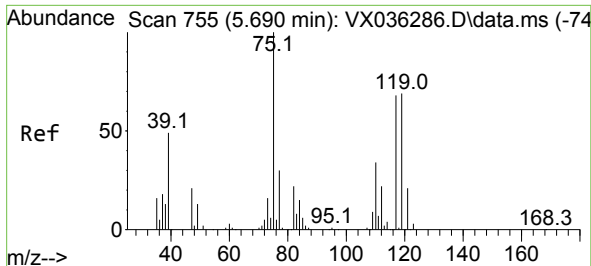
Tgt Ion:114 Resp: 279198
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.109 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

Tgt Ion:113 Resp: 88567
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.6 13.3 19.9

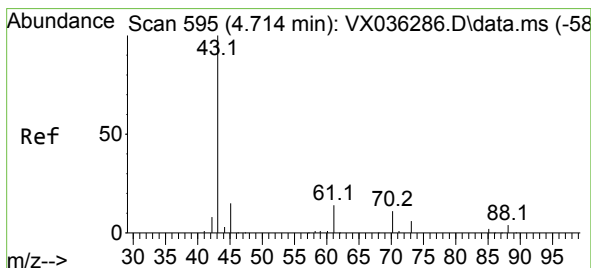
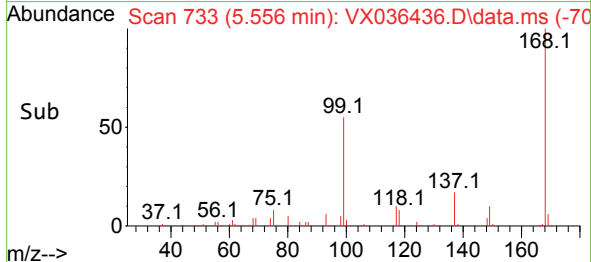
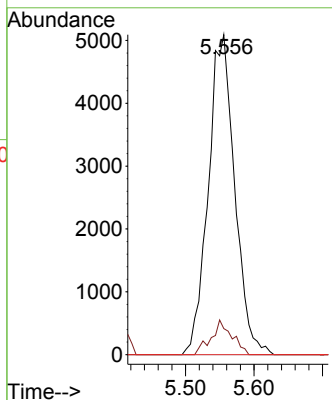
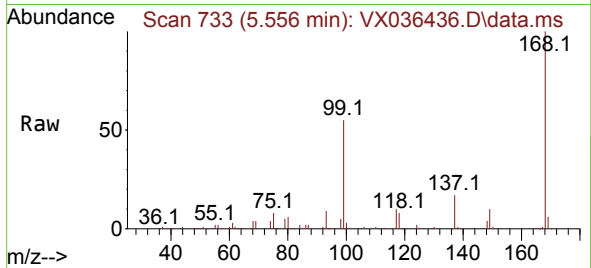




#36
1,1-Dichloropropene
Concen: 4.969 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

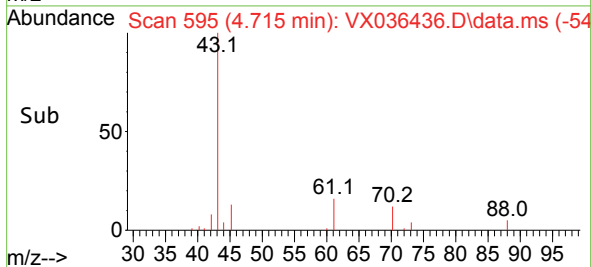
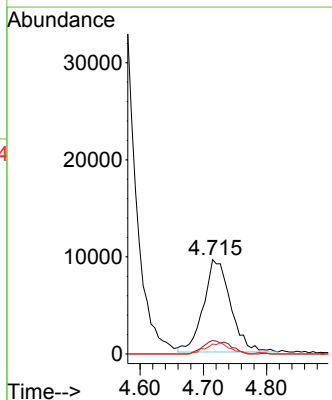
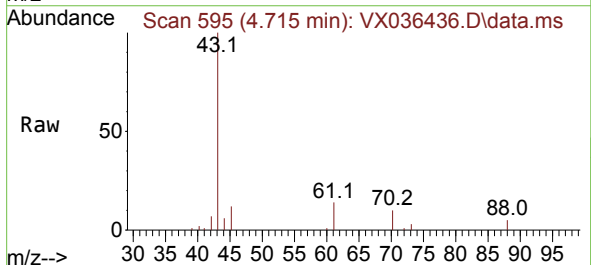
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-10-G

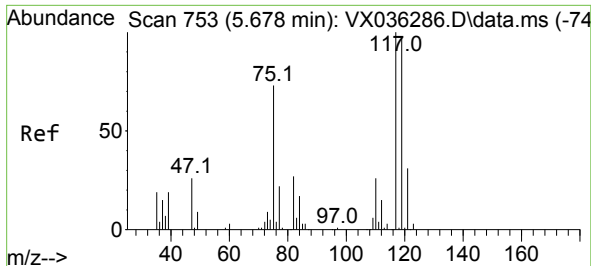
Tgt Ion: 75 Resp: 13635
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 10.119 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.001 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

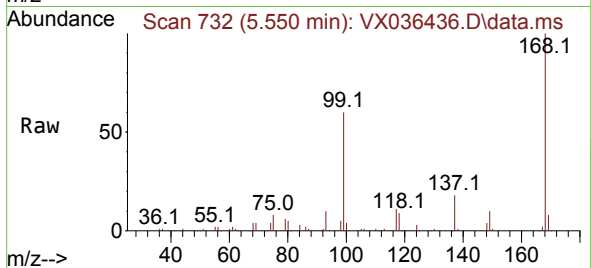
Tgt Ion: 43 Resp: 28302
Ion Ratio Lower Upper
43 100
61 14.5 10.6 16.0
70 10.7 8.3 12.5



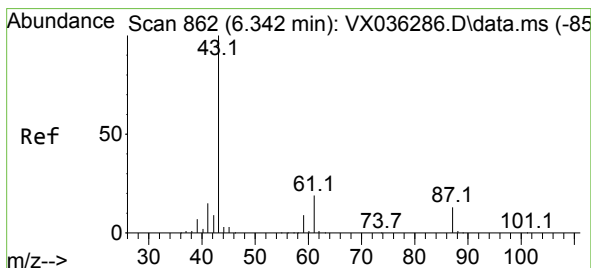
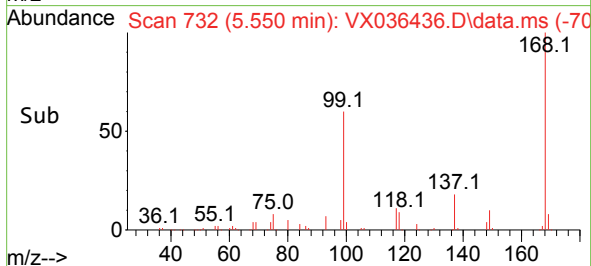
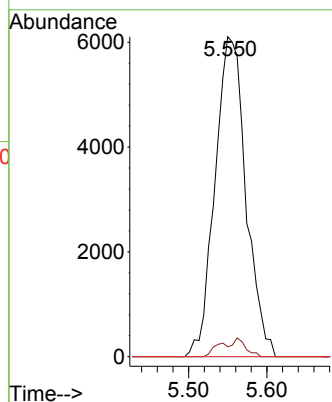


#38
Carbon Tetrachloride
Concen: 6.682 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-10-G

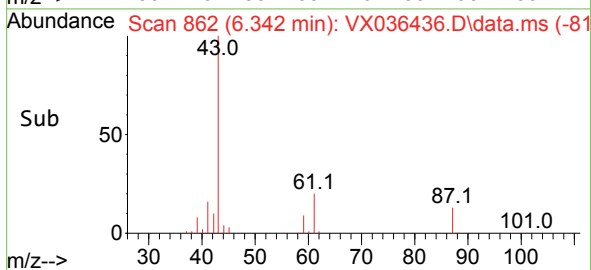
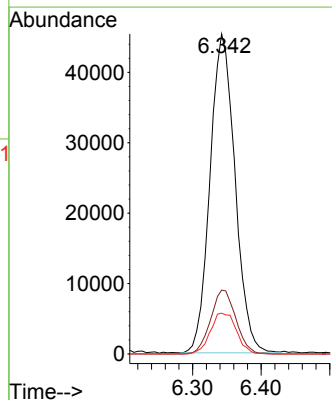
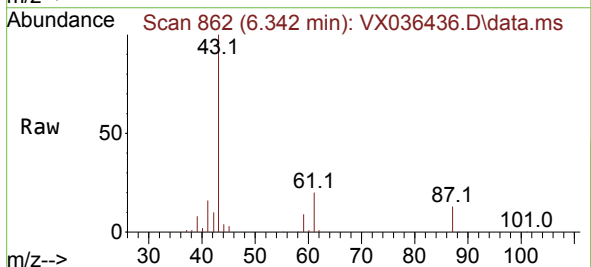


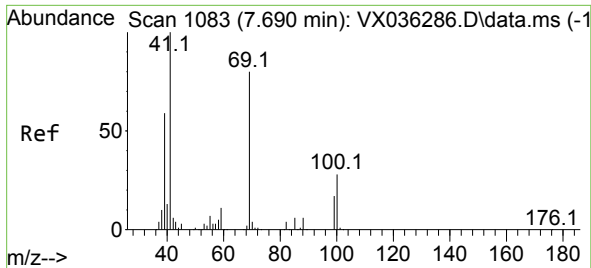
Tgt Ion:117 Resp: 16747
Ion Ratio Lower Upper
117 100
119 3.1 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 25.686 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

Tgt Ion: 43 Resp: 114604
Ion Ratio Lower Upper
43 100
61 20.2 15.2 22.8
87 13.4 9.8 14.6

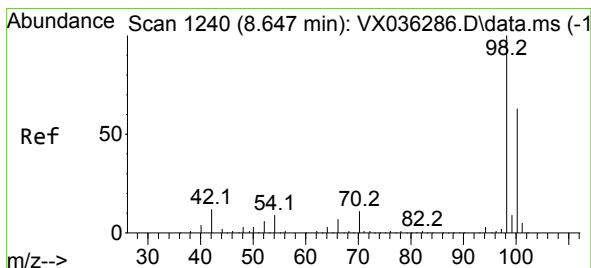
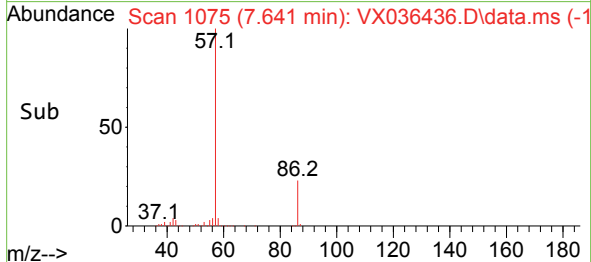
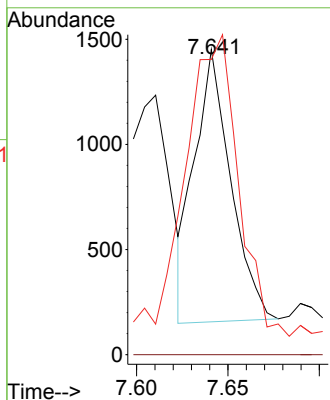
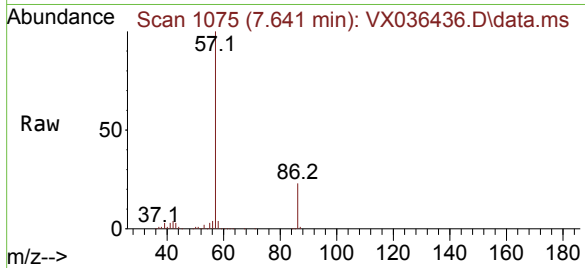




#48
Methyl methacrylate
Concen: 0.801 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.048 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

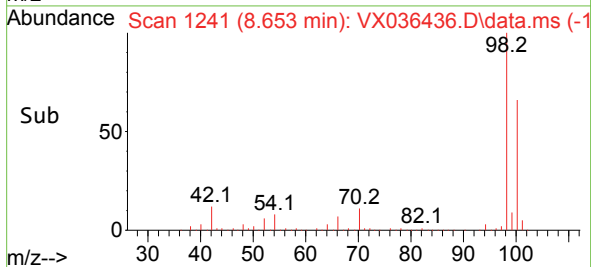
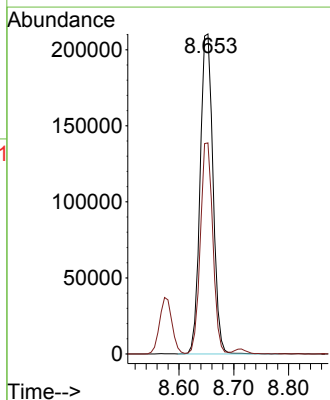
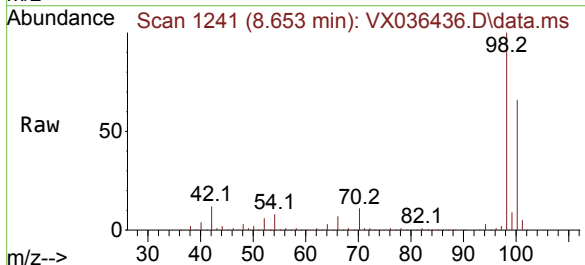
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-10-G

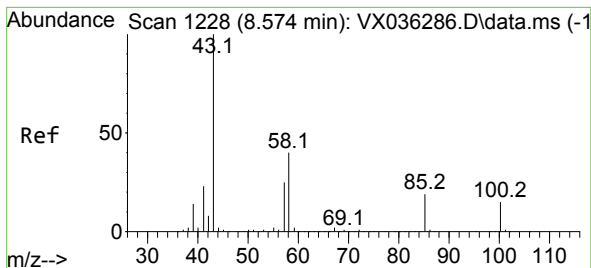
Tgt Ion: 41 Resp: 1781
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 197.7 47.7 71.5#



#50
Toluene-d8
Concen: 49.804 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

Tgt Ion: 98 Resp: 342449
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

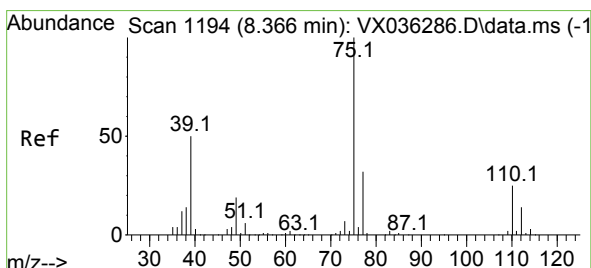
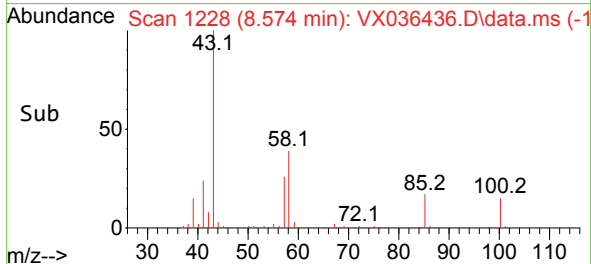
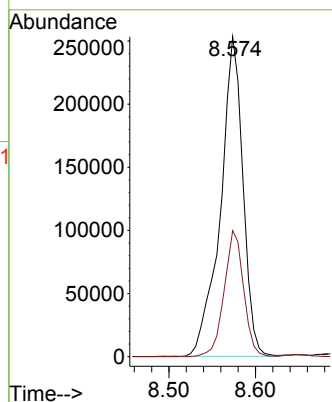
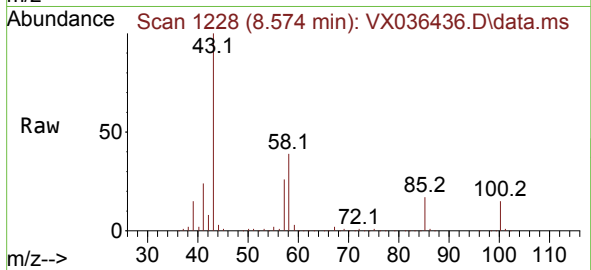




#51
4-Methyl-2-Pentanone
Concen: 159.010 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

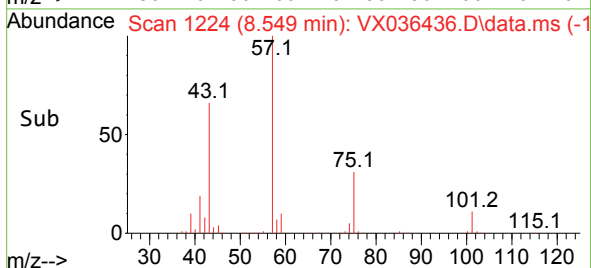
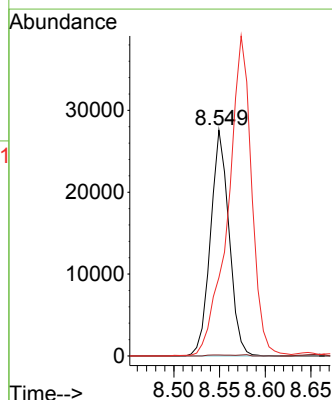
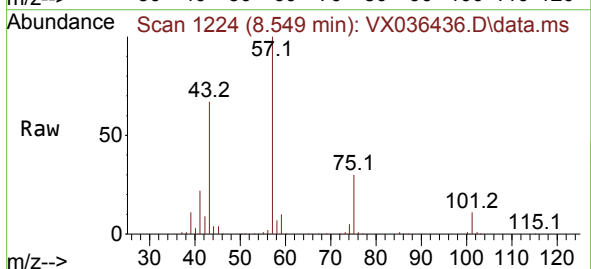
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-10-G

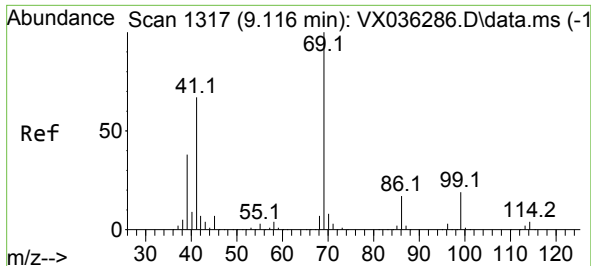
Tgt Ion: 43 Resp: 457089
Ion Ratio Lower Upper
43 100
58 34.1 30.4 45.6



#54
cis-1,3-Dichloropropene
Concen: 12.783 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

Tgt Ion: 75 Resp: 38795
Ion Ratio Lower Upper
75 100
77 0.4 25.3 37.9#
39 34.5 46.7 70.1#

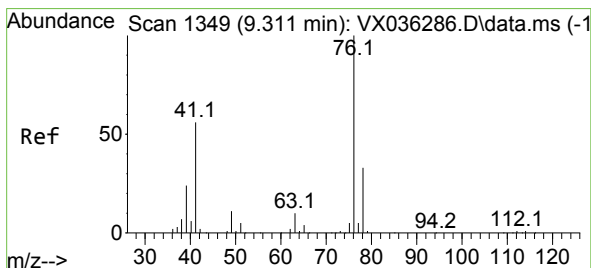
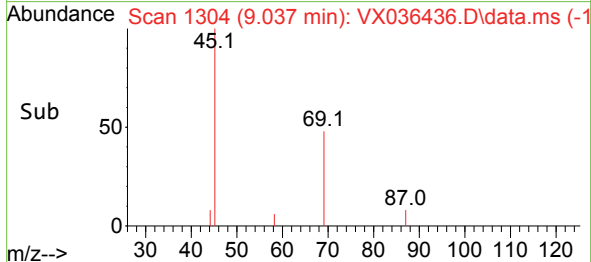
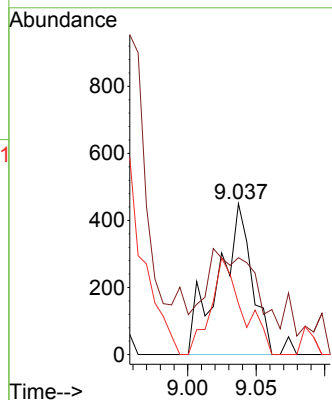
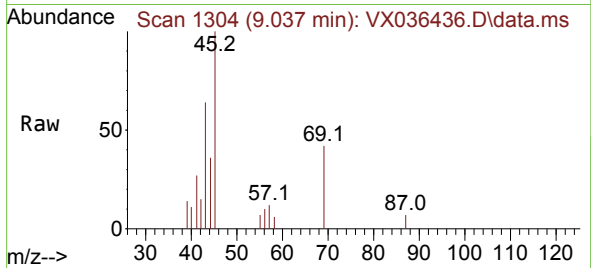




#56
Ethyl methacrylate
Concen: 0.253 ug/l
RT: 9.037 min Scan# 11
Delta R.T. -0.079 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

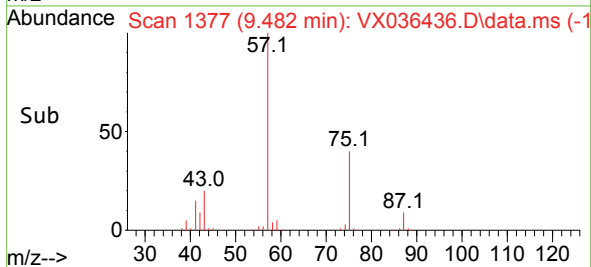
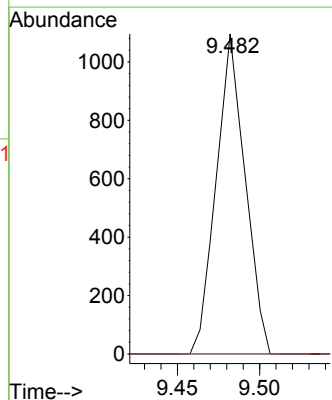
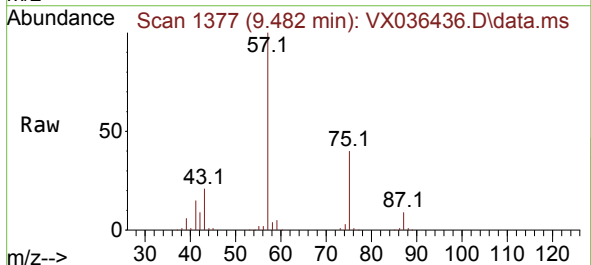
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-10-G

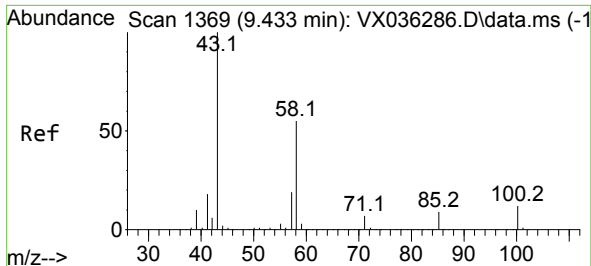
Tgt Ion: 69 Resp: 763
Ion Ratio Lower Upper
69 100
41 0.0 56.8 85.2#
39 0.0 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 0.388 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

Tgt Ion: 76 Resp: 1341
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#





#59

2-Hexanone

Concen: 9.552 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX036436.D

Acq: 06 Jul 2023 15:29

Instrument :

MSVOA_X

ClientSampleId :

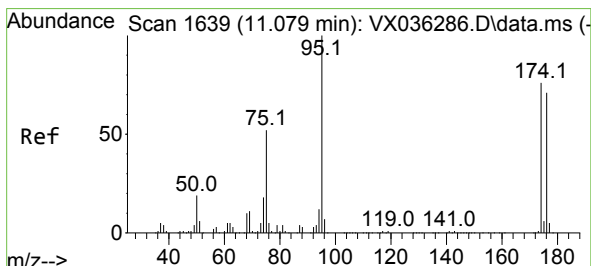
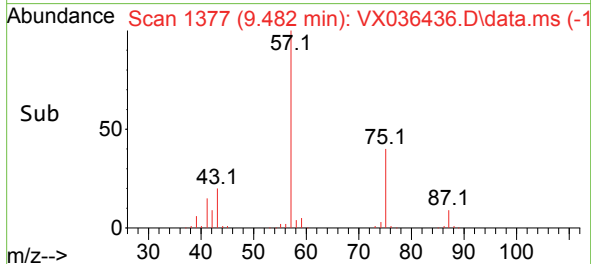
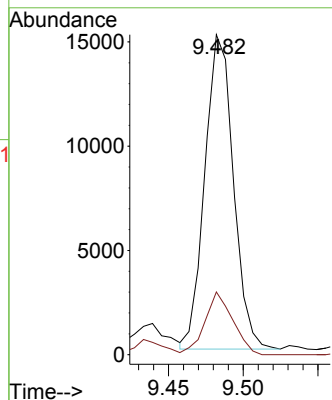
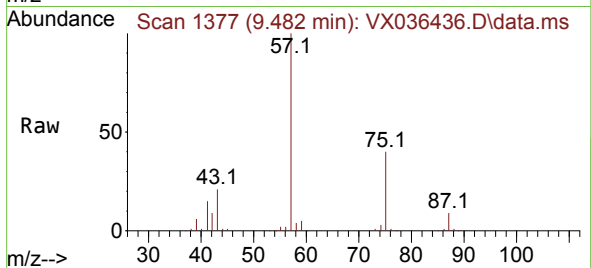
WC-WWS-10-G

Tgt Ion: 43 Resp: 20052

Ion Ratio Lower Upper

43 100

58 19.5 26.2 78.5#



#62

4-Bromofluorobenzene

Concen: 49.545 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036436.D

Acq: 06 Jul 2023 15:29

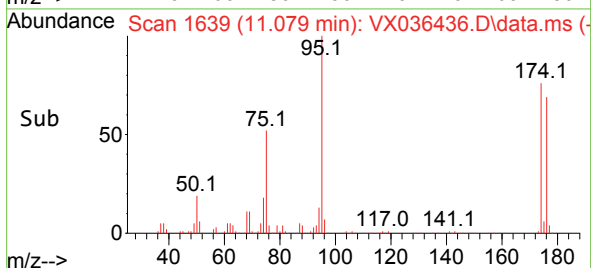
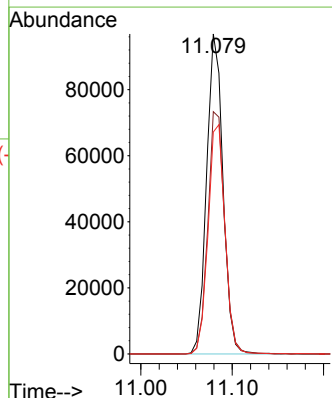
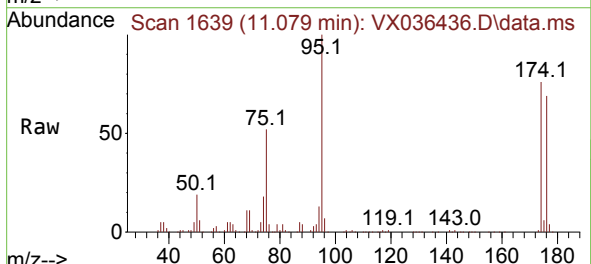
Tgt Ion: 95 Resp: 119994

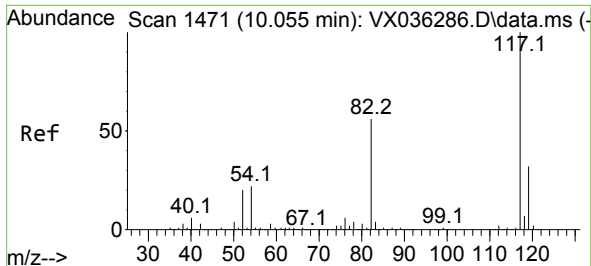
Ion Ratio Lower Upper

95 100

174 78.0 0.0 135.6

176 74.3 0.0 131.0

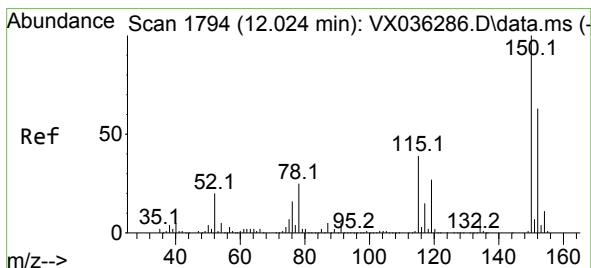
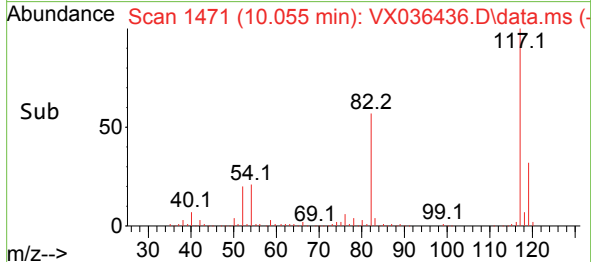
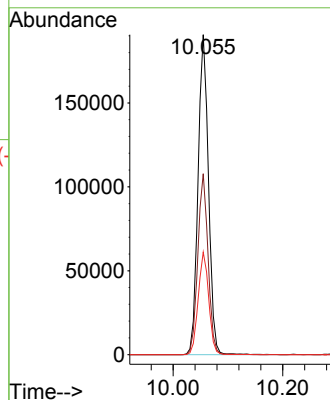
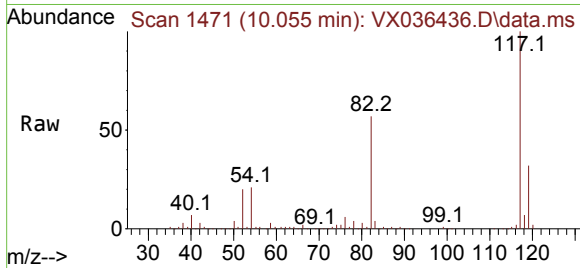




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

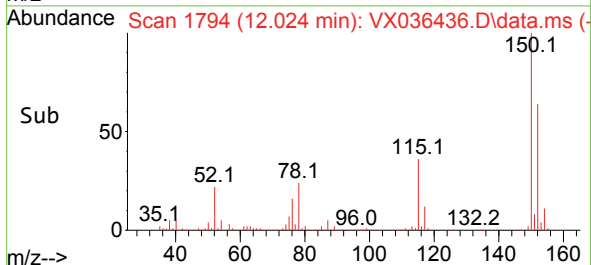
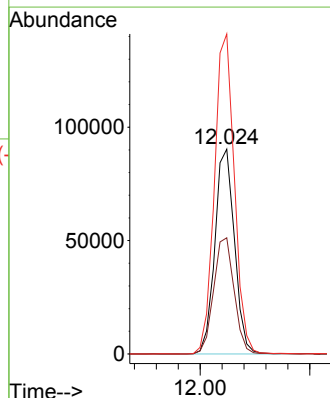
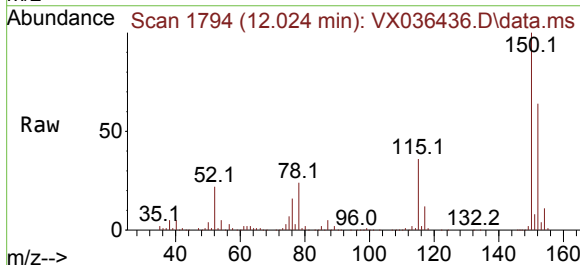
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-10-G

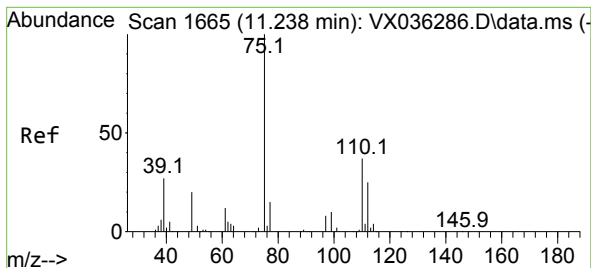
Tgt Ion:117 Resp: 253113
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036436.D
Acq: 06 Jul 2023 15:29

Tgt Ion:152 Resp: 112276
Ion Ratio Lower Upper
152 100
115 59.3 43.3 129.9
150 158.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.732 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036436.D

Acq: 06 Jul 2023 15:29

Instrument :

MSVOA_X

ClientSampleId :

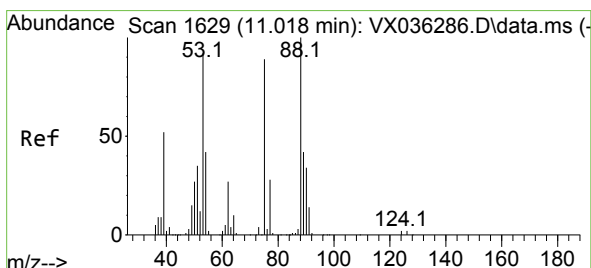
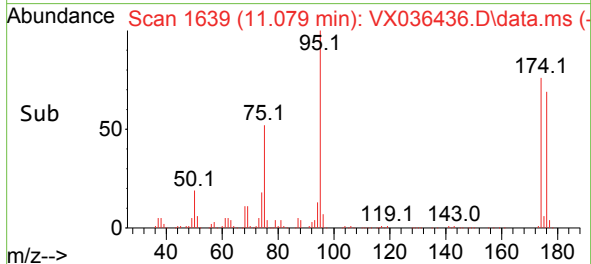
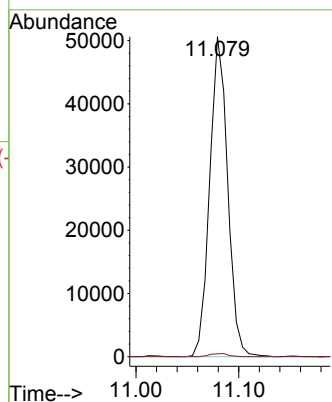
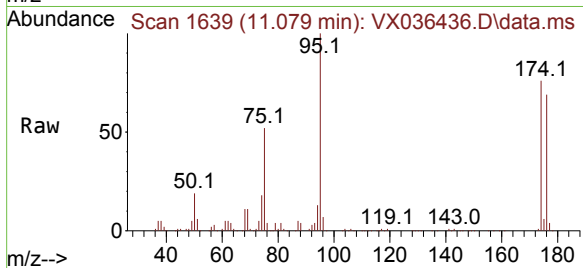
WC-WWS-10-G

Tgt Ion: 75 Resp: 61626

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.881 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036436.D

Acq: 06 Jul 2023 15:29

Tgt Ion: 75 Resp: 61626

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

