

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036437.D
 Acq On : 06 Jul 2023 15:53
 Operator : JC/MD
 Sample : 03510-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-11-G

Quant Time: Jul 07 01:49:15 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)

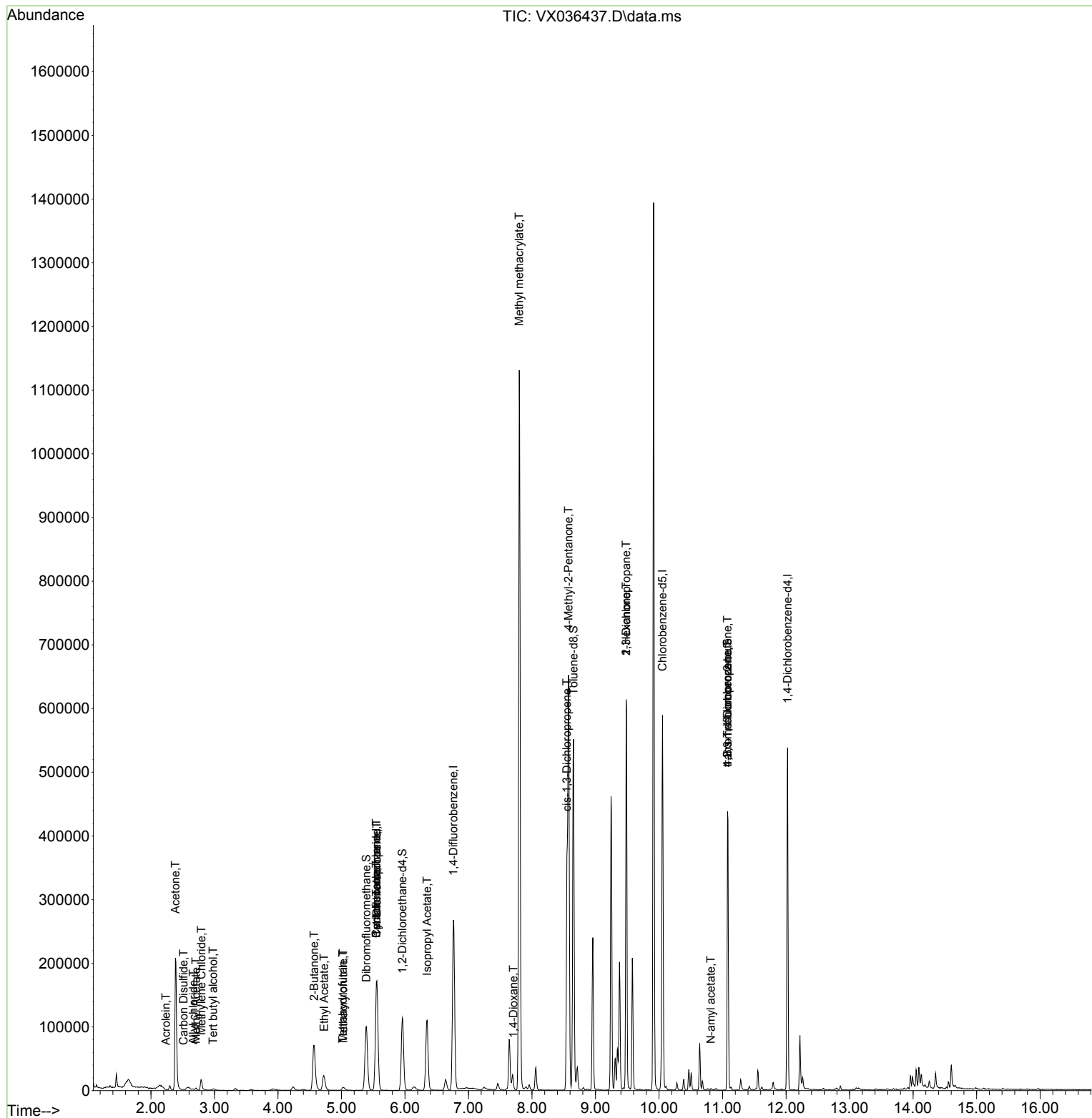
Internal Standards						
1) Pentafluorobenzene	5.549	168	163795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	274824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106934	45.545	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.080%		
35) Dibromofluoromethane	5.391	113	87394	48.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.460%		
50) Toluene-d8	8.652	98	331890	49.036	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.080%		
62) 4-Bromofluorobenzene	11.079	95	116317	48.791	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.580%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	4243	9.928	ug/l #	93
13) Acrolein	2.233	56	456	0.777	ug/l #	53
14) Allyl chloride	2.666	41	1900	0.628	ug/l #	24
16) Acetone	2.385	43	243638	242.775	ug/l	92
17) Carbon Disulfide	2.513	76	916	0.200	ug/l	99
18) Methyl Acetate	2.708	43	3730	0.904	ug/l	100
20) Methylene Chloride	2.794	84	8877	4.108	ug/l #	84
25) 2-Butanone	4.568	43	127873	88.683	ug/l	96
29) Tetrahydrofuran	5.019	42	4725	5.147	ug/l	90
31) Cyclohexane	5.549	56	3429	1.140	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	13114	4.855	ug/l #	50
37) Ethyl Acetate	4.726	43	42220	15.336	ug/l	96
38) Carbon Tetrachloride	5.549	117	16833	6.823	ug/l #	15
41) Methacrylonitrile	5.025	41	3002	1.966	ug/l #	40
43) Isopropyl Acetate	6.348	43	153797	35.018	ug/l	98
48) Methyl methacrylate	7.799	41	95745	43.723	ug/l #	48
49) 1,4-Dioxane	7.708	88	126	2.596	ug/l #	1
51) 4-Methyl-2-Pentanone	8.573	43	484869	171.358	ug/l	89
54) cis-1,3-Dichloropropene	8.549	75	54508	18.247	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	5119	1.503	ug/l #	42
59) 2-Hexanone	9.482	43	74248	35.933	ug/l #	53
74) N-amyl acetate	10.817	43	868	0.263	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	60064	25.481	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60064	83.061	ug/l #	5

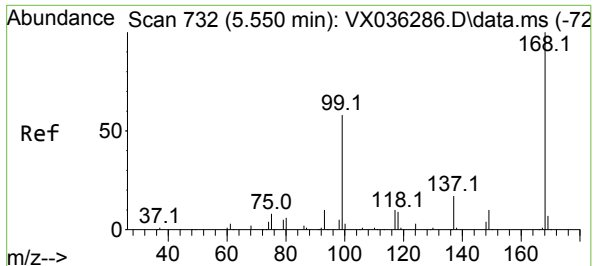
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 01:49:15 2023
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Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

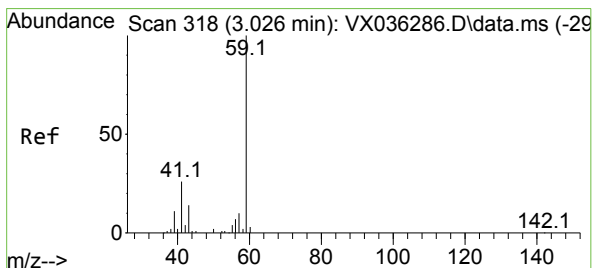
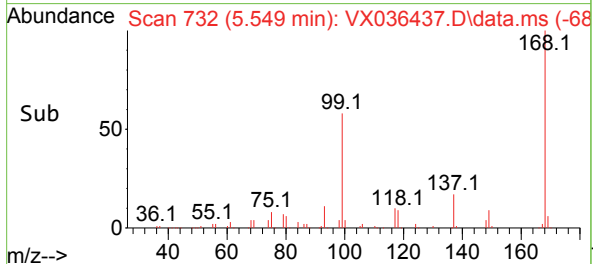
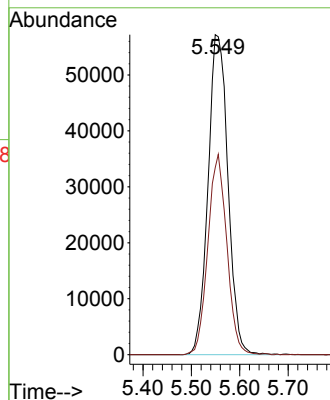
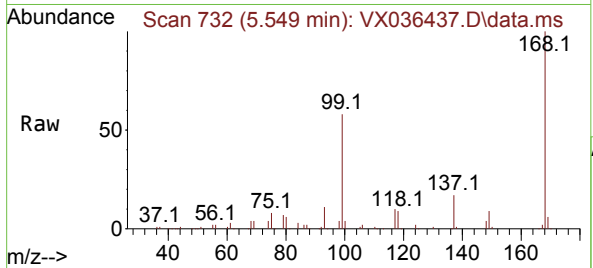




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

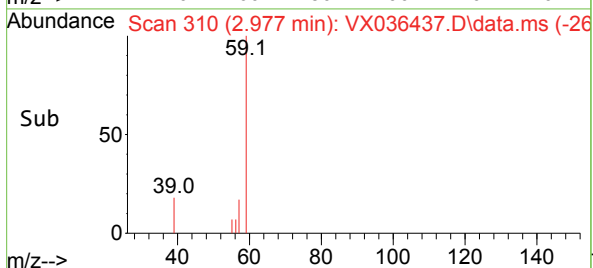
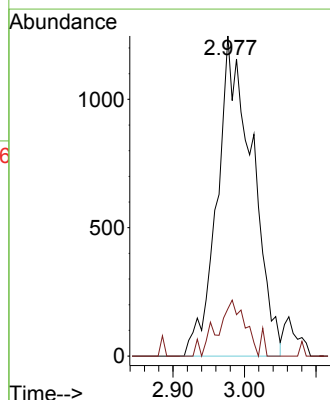
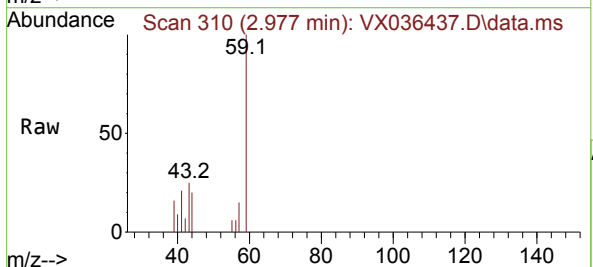
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

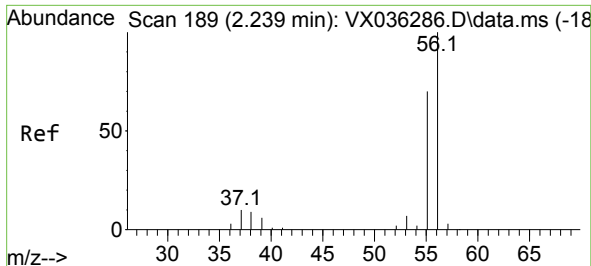
Tgt Ion:168 Resp: 163795
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 9.928 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.036 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

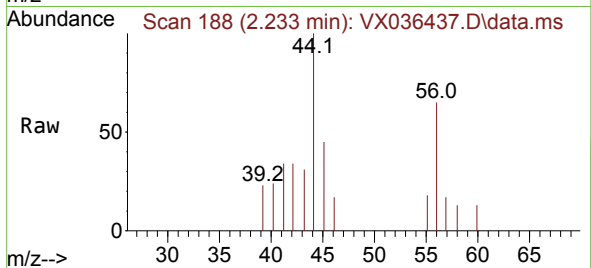
Tgt Ion: 59 Resp: 4243
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0#



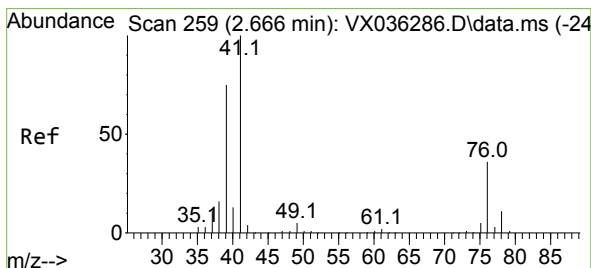
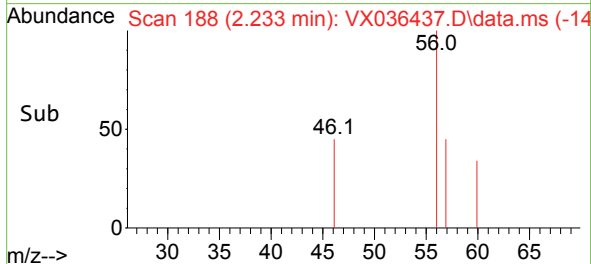
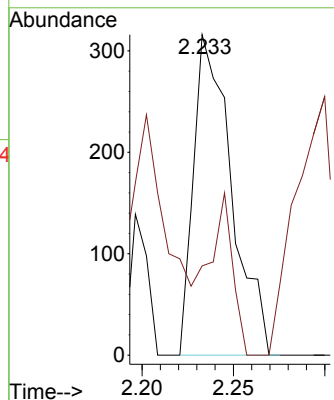


#13
Acrolein
Concen: 0.777 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Instrument :
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WC-WWS-11-G

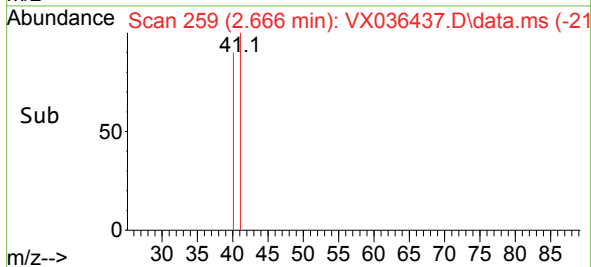
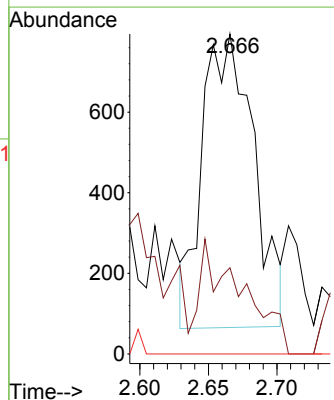
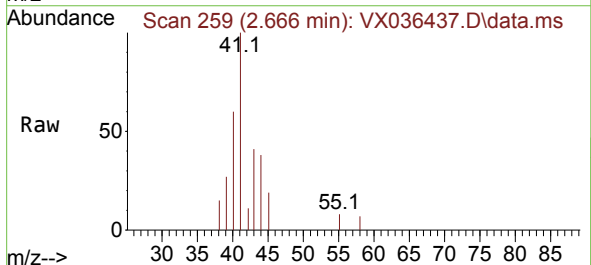


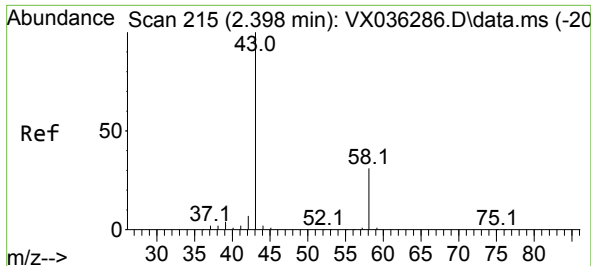
Tgt Ion: 56 Resp: 456
Ion Ratio Lower Upper
56 100
55 32.5 57.1 85.7#



#14
Allyl chloride
Concen: 0.628 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 41 Resp: 1900
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
76 0.0 24.3 36.5#

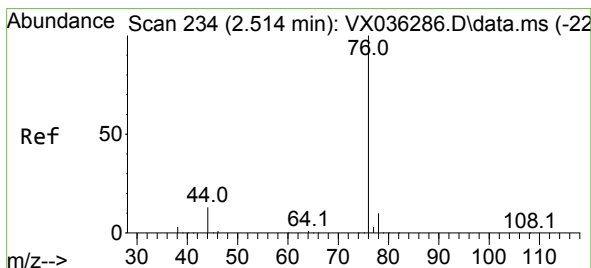
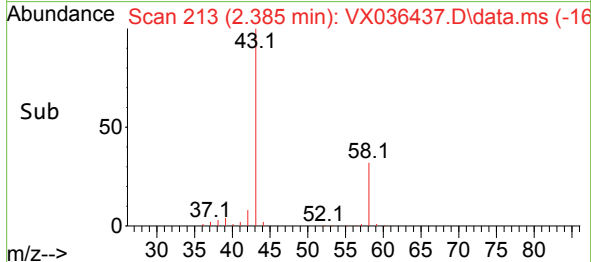
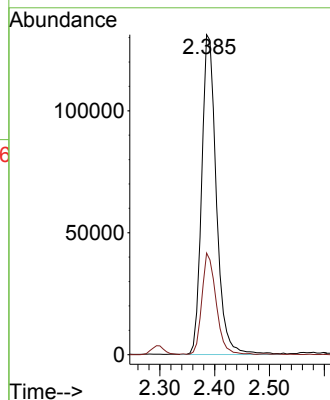
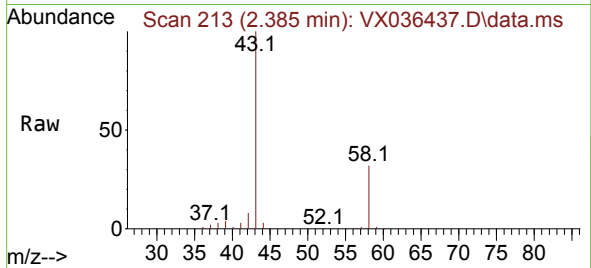




#16
Acetone
Concen: 242.775 ug/l
RT: 2.385 min Scan# 215
Delta R.T. -0.019 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

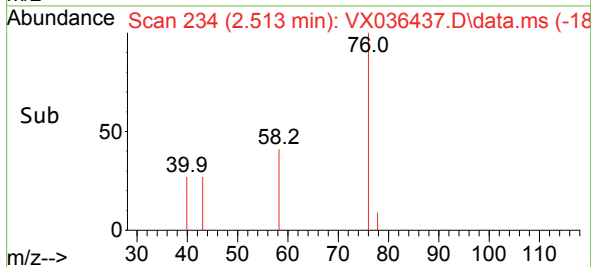
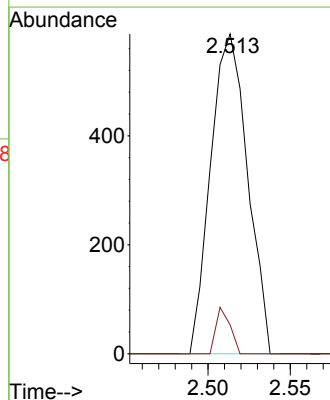
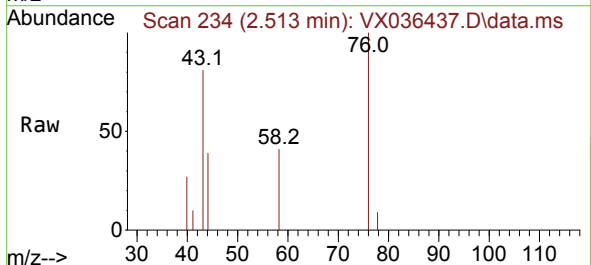
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

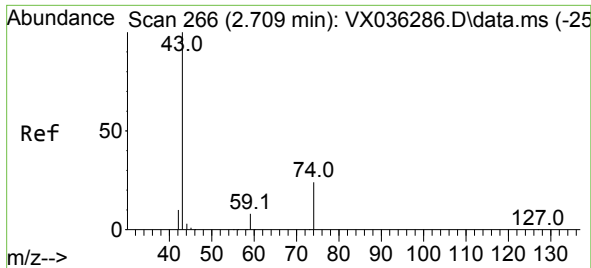
Tgt Ion: 43 Resp: 243638
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9



#17
Carbon Disulfide
Concen: 0.200 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 76 Resp: 916
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

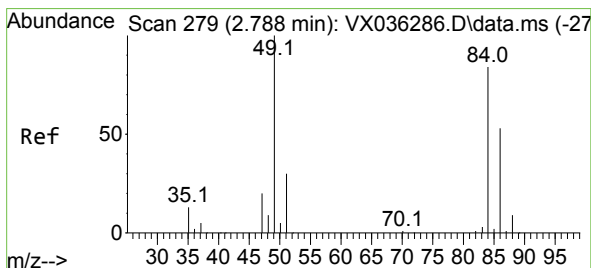
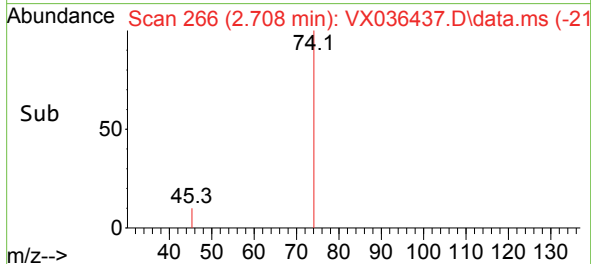
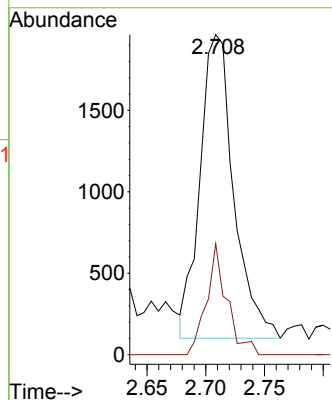
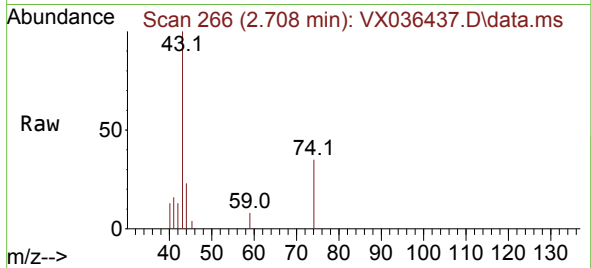




#18
Methyl Acetate
Concen: 0.904 ug/l
RT: 2.708 min Scan# 218
Delta R.T. -0.001 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

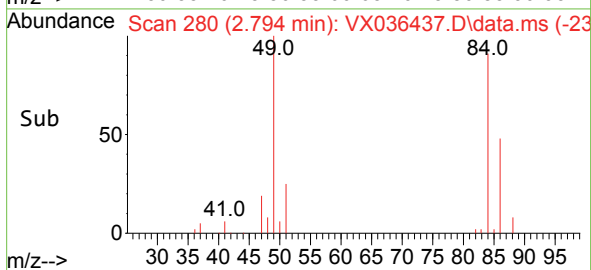
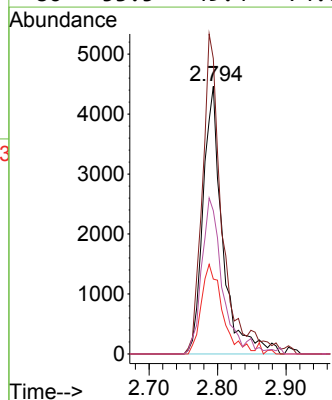
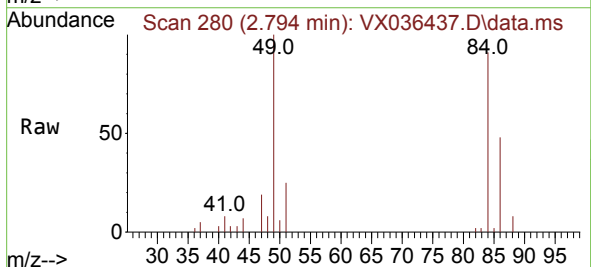
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

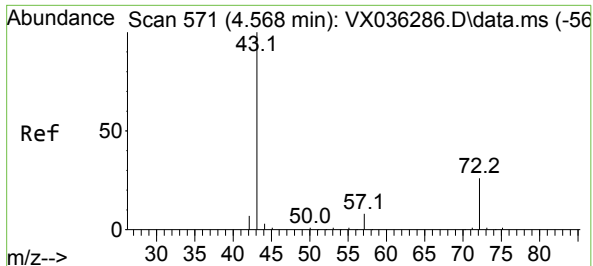
Tgt Ion: 43 Resp: 3730
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 4.108 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 84 Resp: 8877
Ion Ratio Lower Upper
84 100
49 110.3 103.6 155.4
51 28.0 33.8 50.6#
86 53.5 49.4 74.0

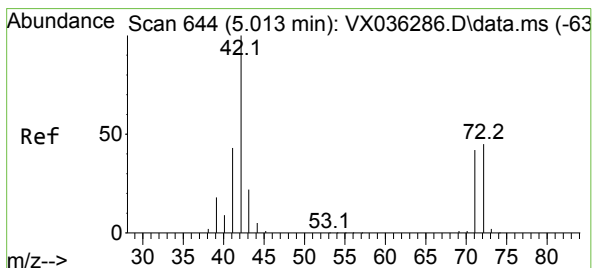
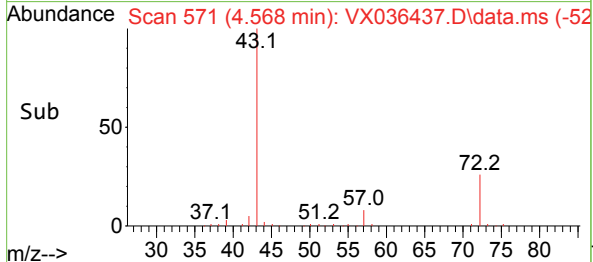
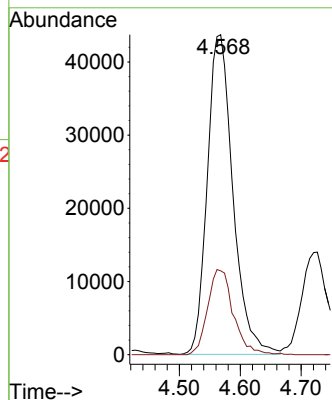
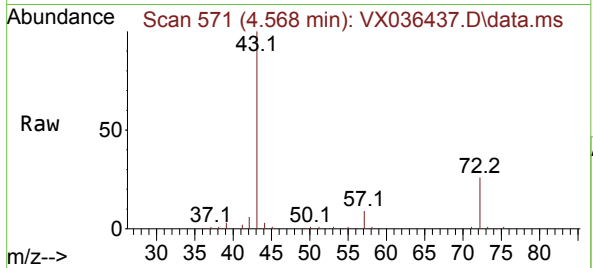




#25
2-Butanone
Concen: 88.683 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

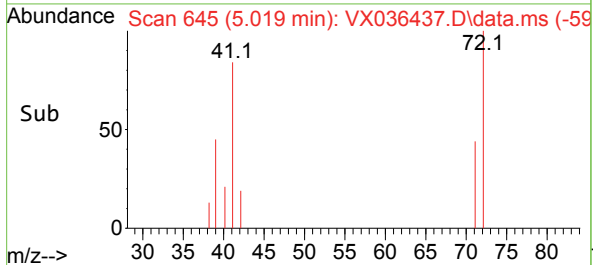
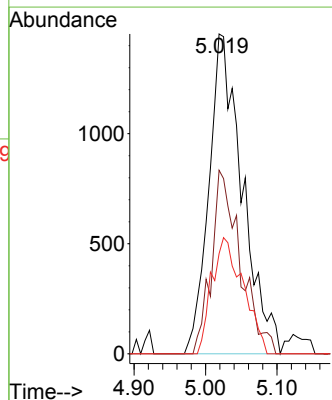
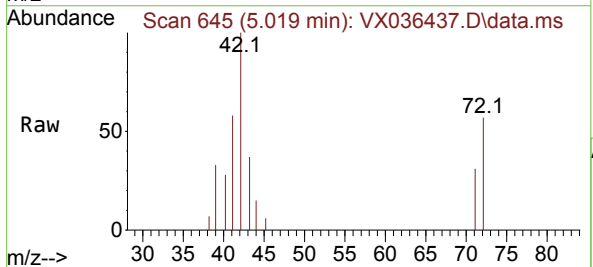
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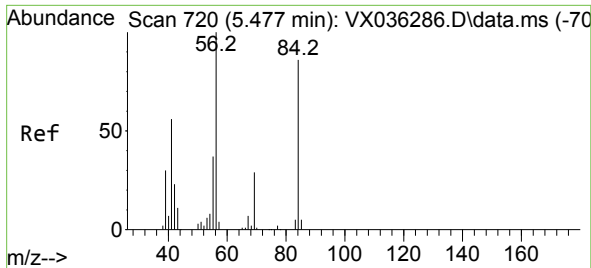
Tgt Ion: 43 Resp: 127873
Ion Ratio Lower Upper
43 100
72 26.2 19.4 29.2



#29
Tetrahydrofuran
Concen: 5.147 ug/l
RT: 5.019 min Scan# 645
Delta R.T. -0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 42 Resp: 4725
Ion Ratio Lower Upper
42 100
72 49.4 34.2 51.4
71 34.2 32.2 48.2

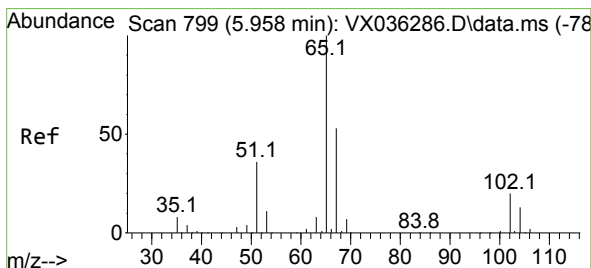
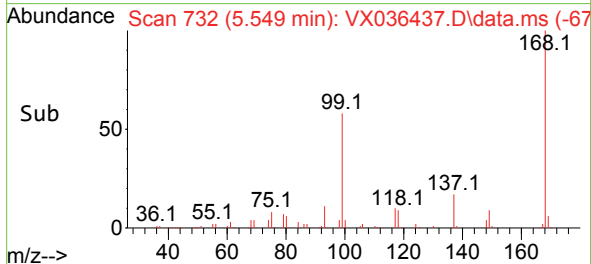
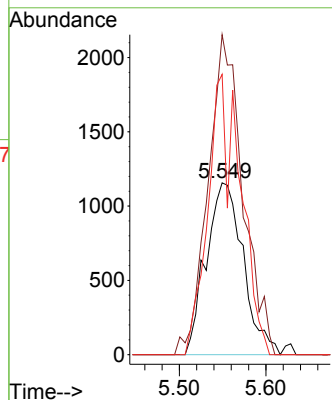
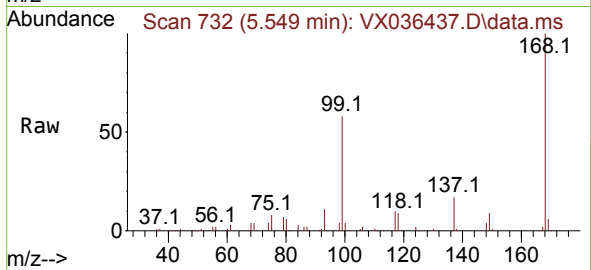




#31
Cyclohexane
Concen: 1.140 ug/l
RT: 5.549 min Scan# 712
Delta R.T. 0.079 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

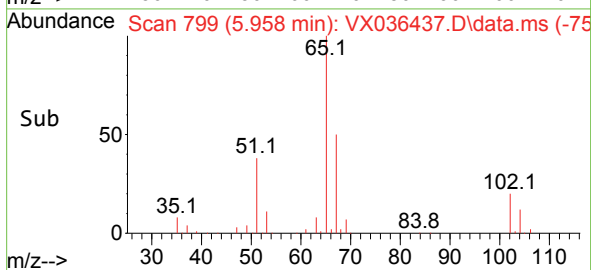
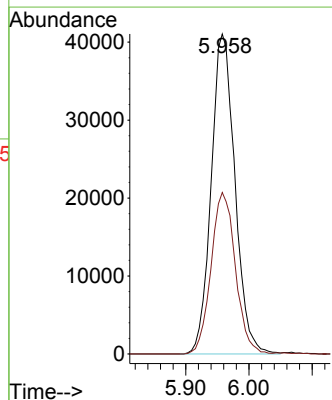
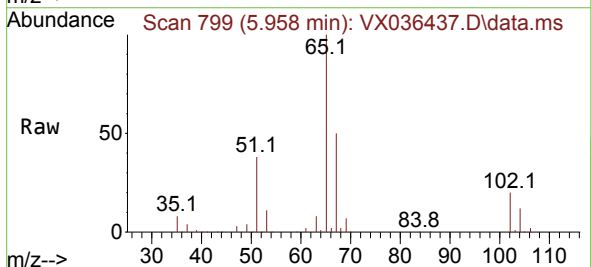
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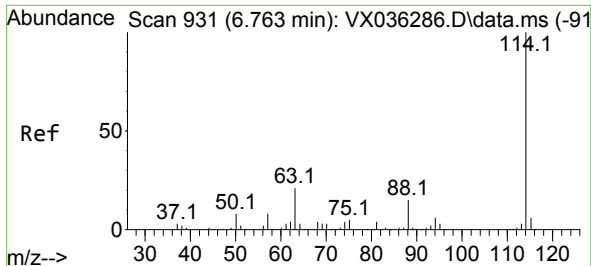
Tgt Ion: 56 Resp: 3429
Ion Ratio Lower Upper
56 100
69 186.2 23.4 35.2#
84 163.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.545 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 65 Resp: 106934
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

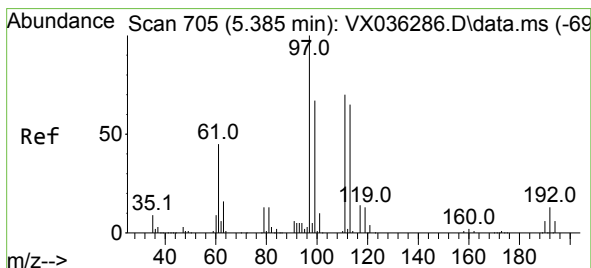
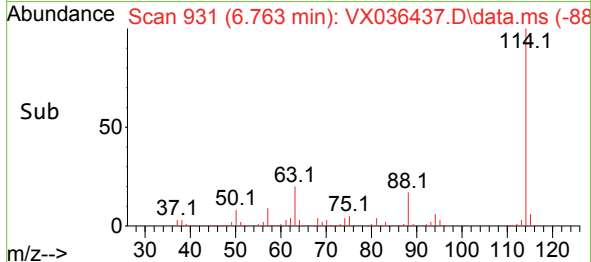
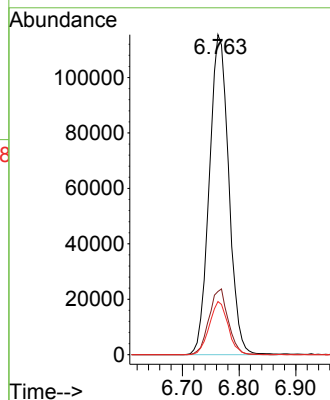
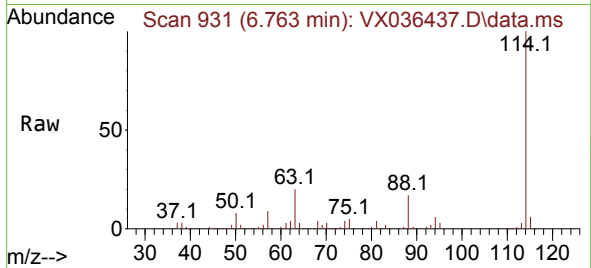




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

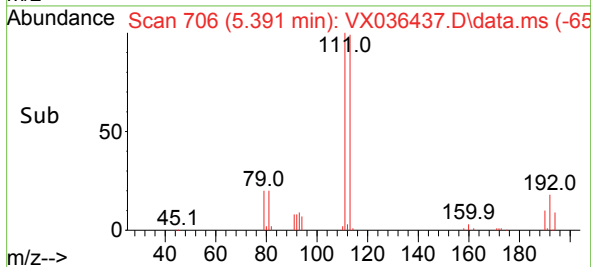
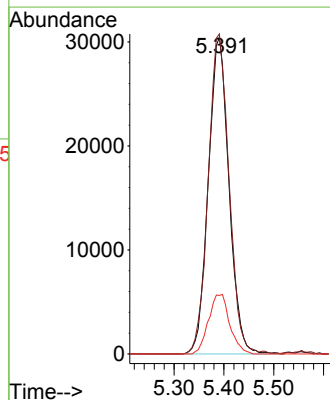
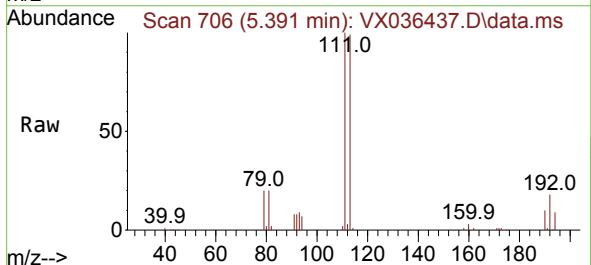
Instrument :
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WC-WWS-11-G

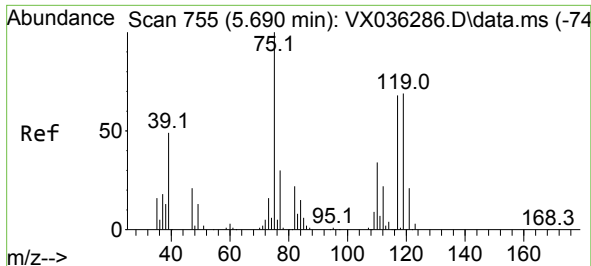
Tgt Ion:114 Resp: 274824
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.228 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion:113 Resp: 87394
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.3 13.3 19.9

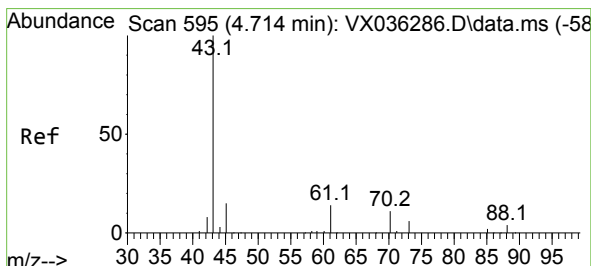
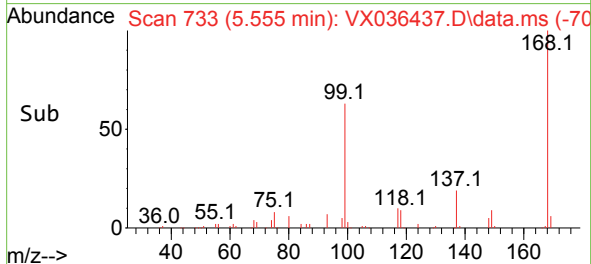
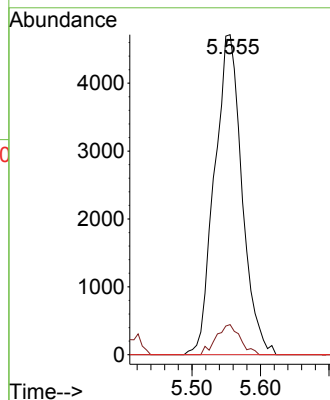
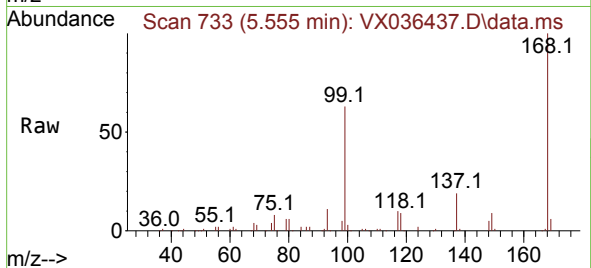




#36
1,1-Dichloropropene
Concen: 4.855 ug/l
RT: 5.555 min Scan# 711
Delta R.T. -0.141 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

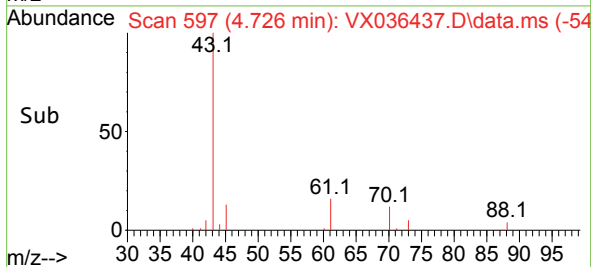
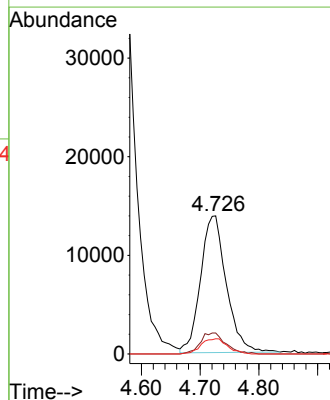
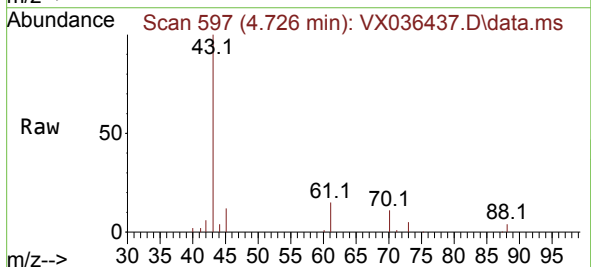
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

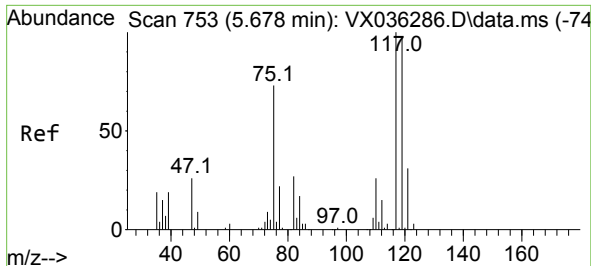
Tgt Ion: 75 Resp: 13114
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 15.336 ug/l
RT: 4.726 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

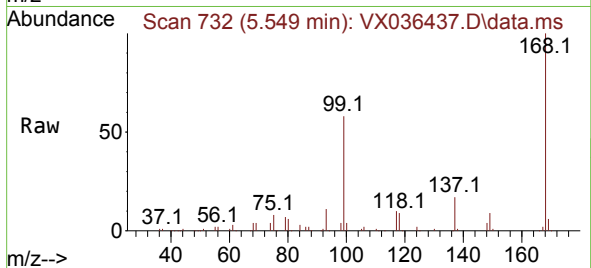
Tgt Ion: 43 Resp: 42220
Ion Ratio Lower Upper
43 100
61 15.2 10.6 16.0
70 11.4 8.3 12.5



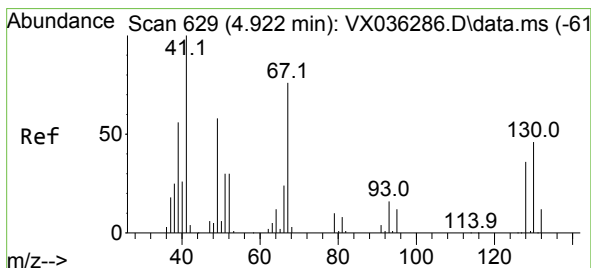
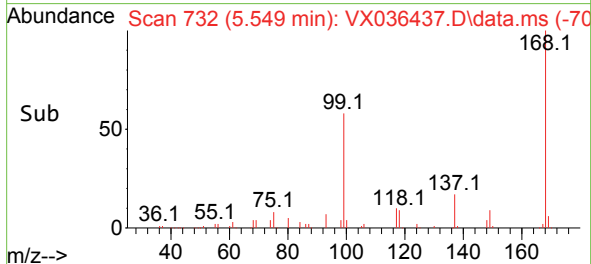
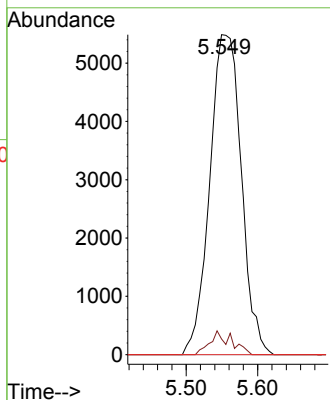


#38
Carbon Tetrachloride
Concen: 6.823 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

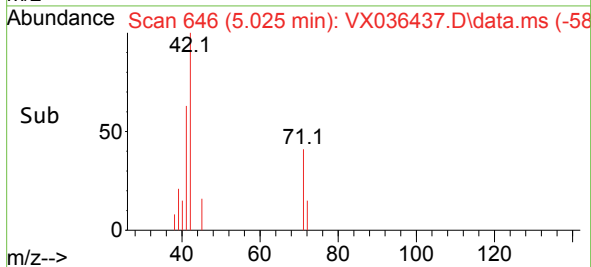
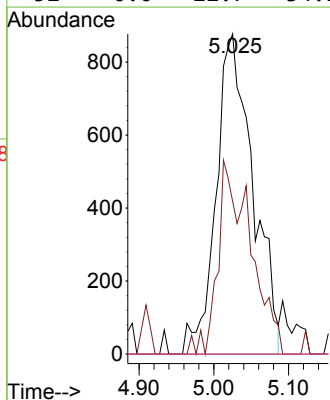
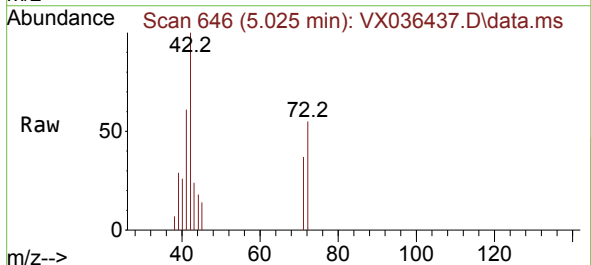


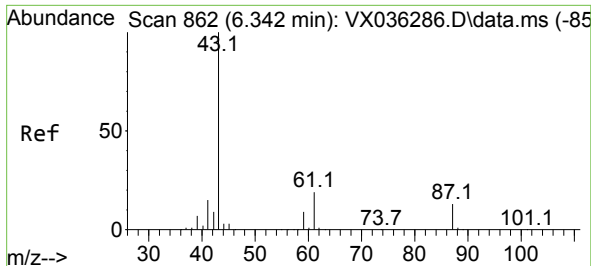
Tgt Ion:117 Resp: 16833
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 1.966 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.103 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 41 Resp: 3002
Ion Ratio Lower Upper
41 100
39 28.9 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

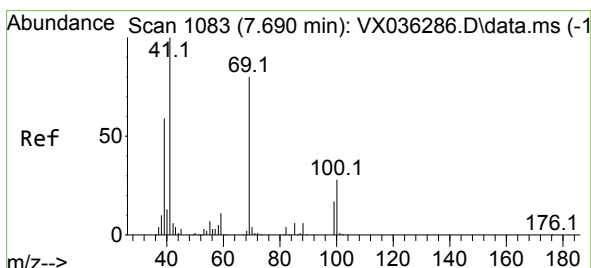
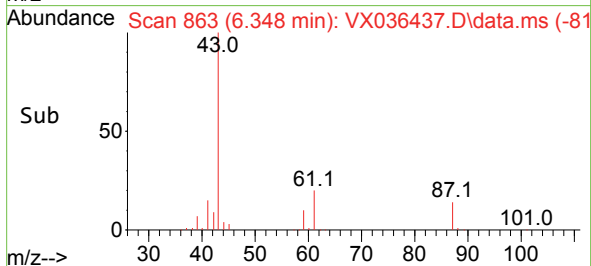
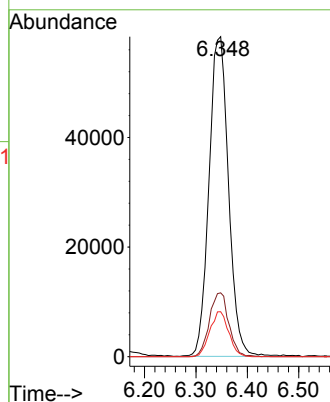
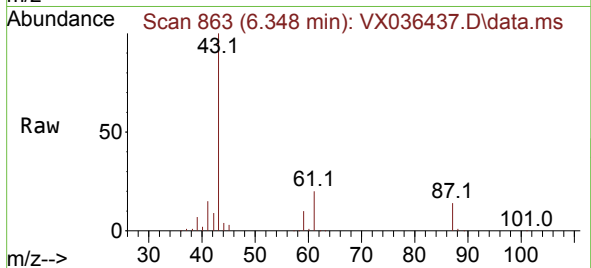




#43
Isopropyl Acetate
Concen: 35.018 ug/l
RT: 6.348 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

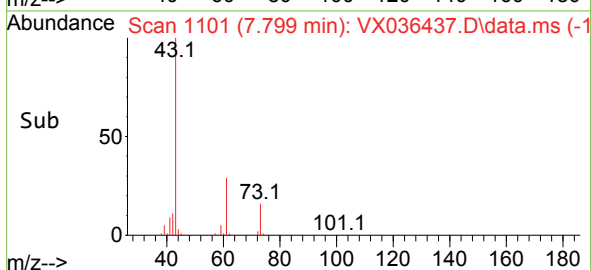
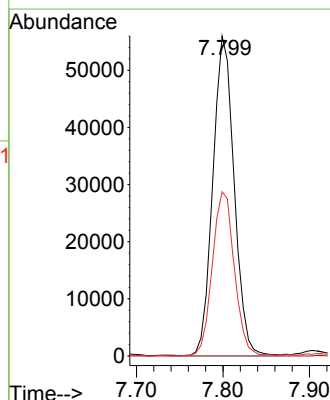
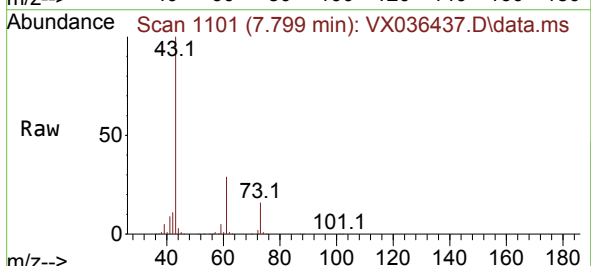
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

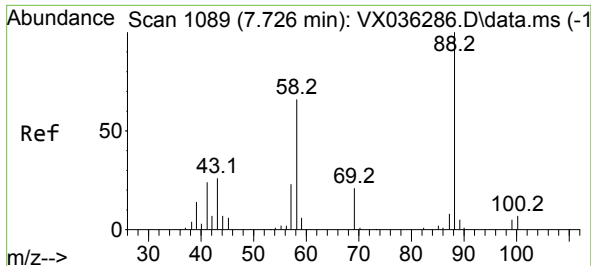
Tgt Ion: 43 Resp: 153797
Ion Ratio Lower Upper
43 100
61 19.8 15.2 22.8
87 13.6 9.8 14.6



#48
Methyl methacrylate
Concen: 43.723 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 41 Resp: 95745
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 53.2 47.7 71.5

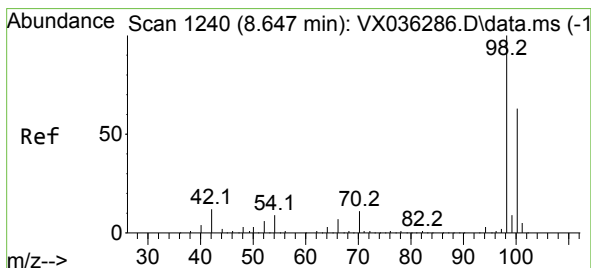
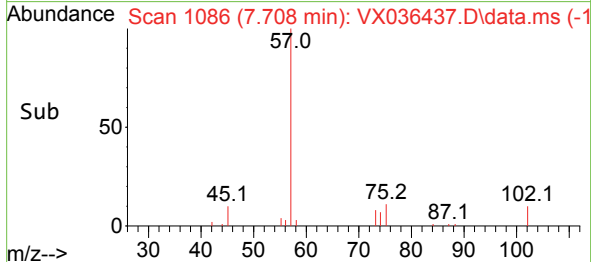
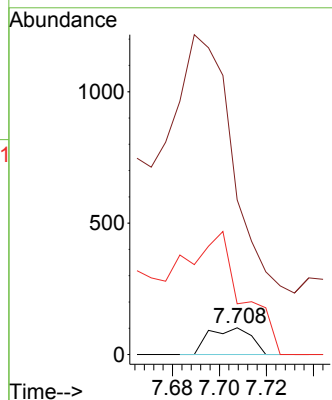
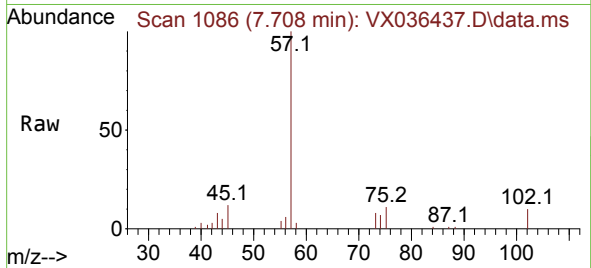




#49
1,4-Dioxane
Concen: 2.596 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. -0.024 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

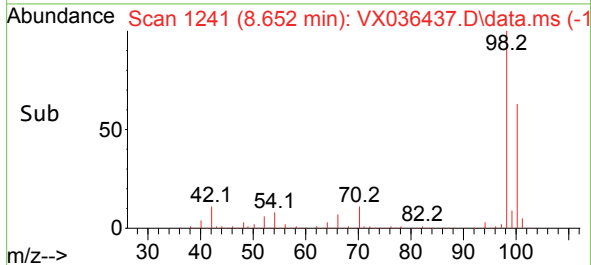
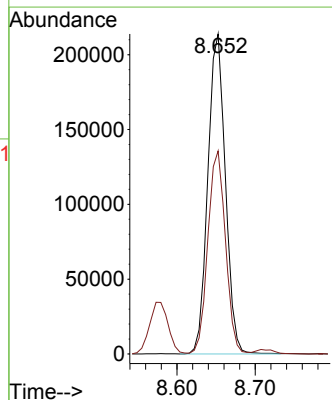
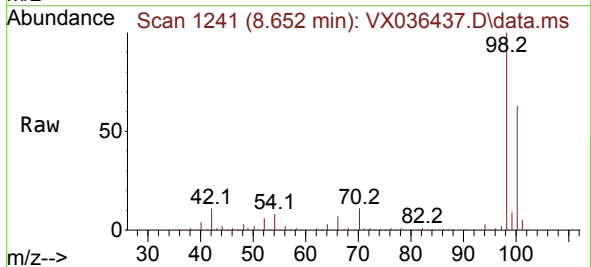
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

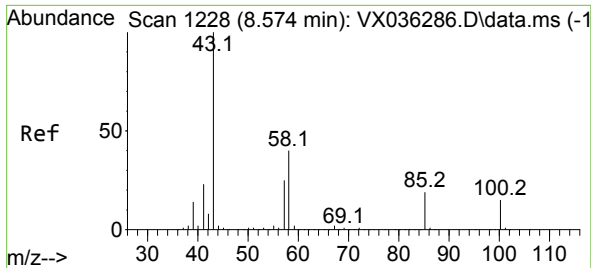
Tgt Ion: 88 Resp: 126
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 631.0 60.1 90.1#



#50
Toluene-d8
Concen: 49.036 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 98 Resp: 331890
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

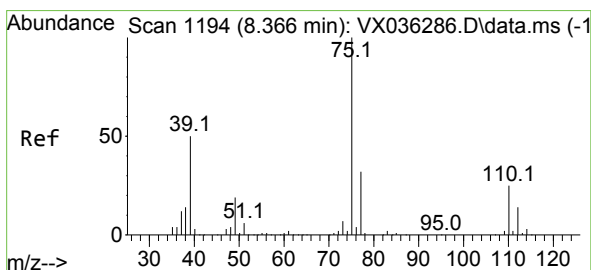
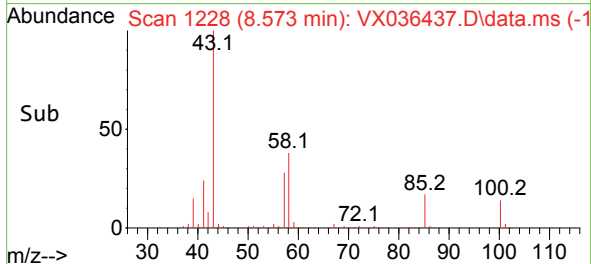
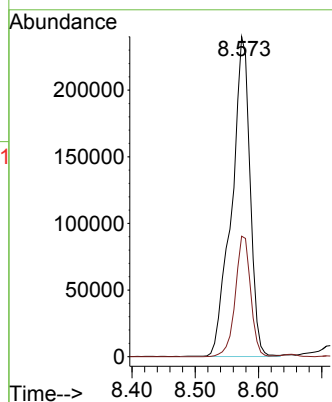
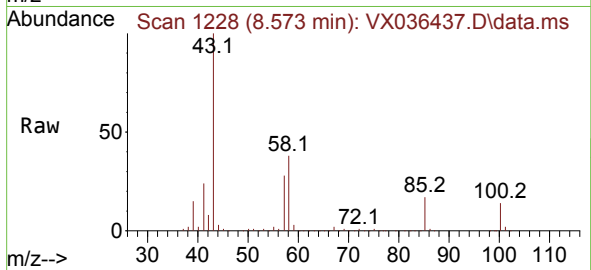




#51
4-Methyl-2-Pentanone
Concen: 171.358 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

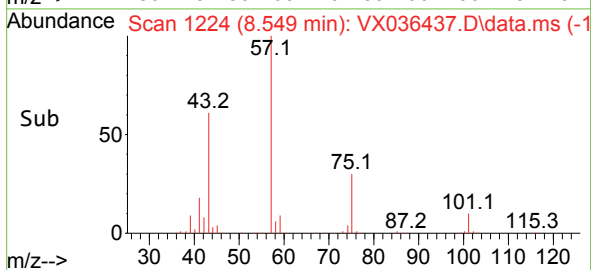
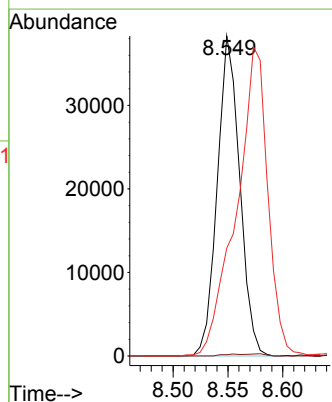
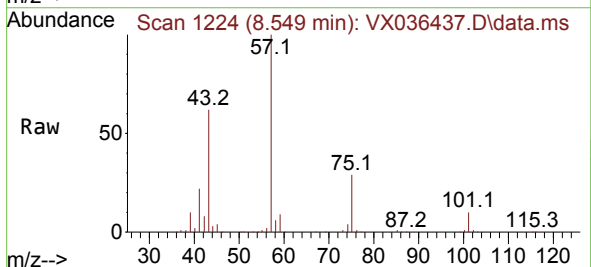
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

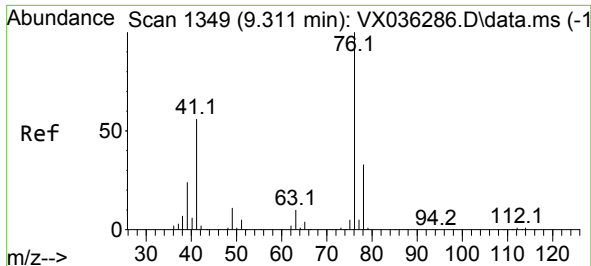
Tgt Ion: 43 Resp: 484869
Ion Ratio Lower Upper
43 100
58 31.5 30.4 45.6



#54
cis-1,3-Dichloropropene
Concen: 18.247 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 75 Resp: 54508
Ion Ratio Lower Upper
75 100
77 0.4 25.3 37.9#
39 33.7 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 1.503 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX036437.D

Acq: 06 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

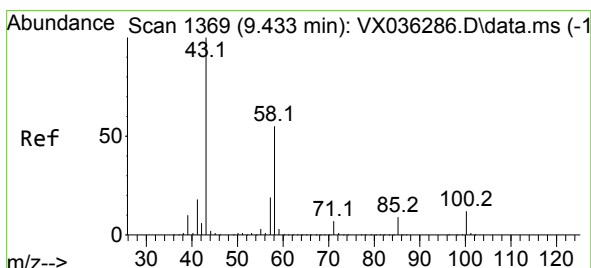
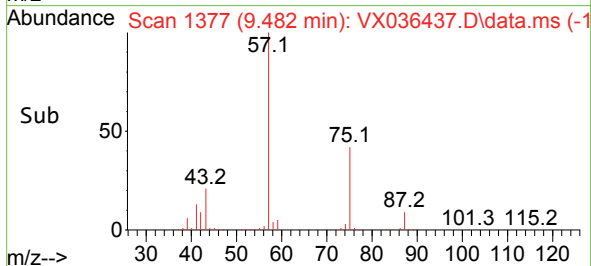
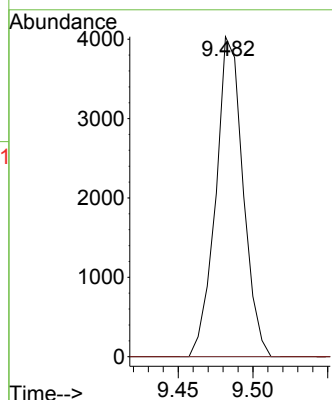
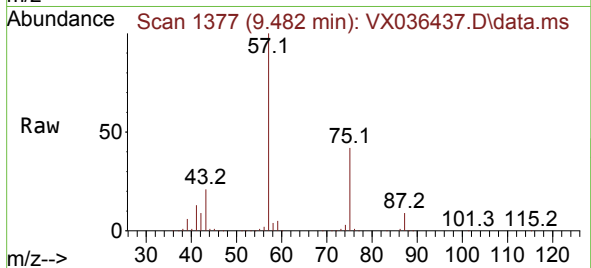
WC-WWS-11-G

Tgt Ion: 76 Resp: 5119

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 35.933 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX036437.D

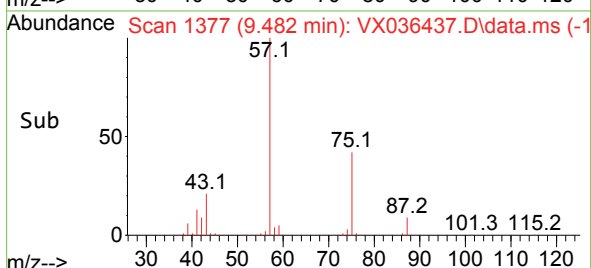
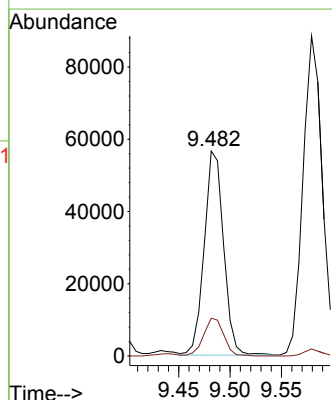
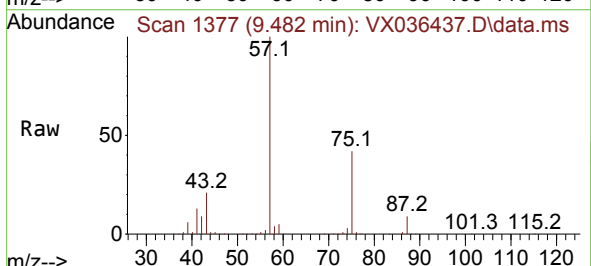
Acq: 06 Jul 2023 15:53

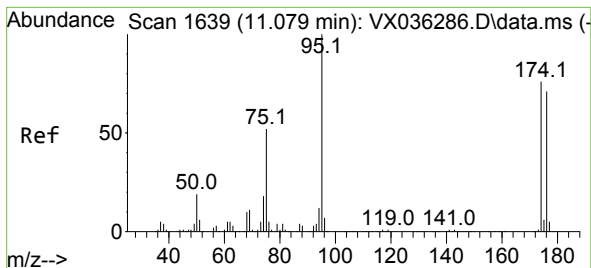
Tgt Ion: 43 Resp: 74248

Ion Ratio Lower Upper

43 100

58 19.2 26.2 78.5#

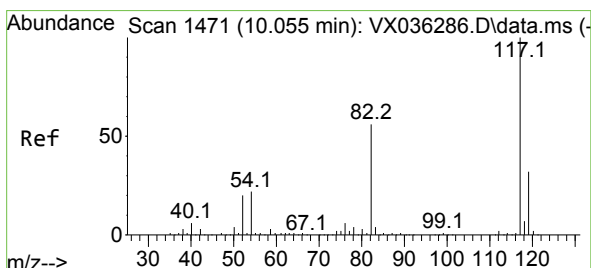
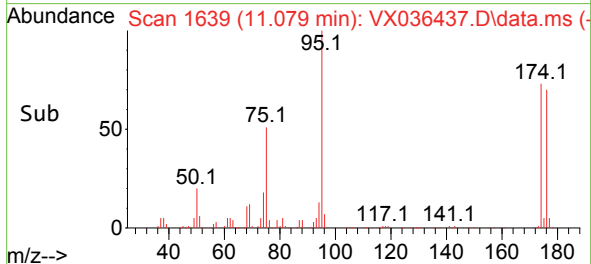
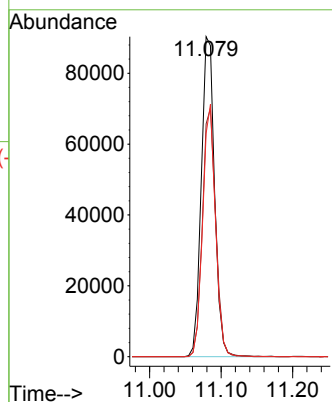
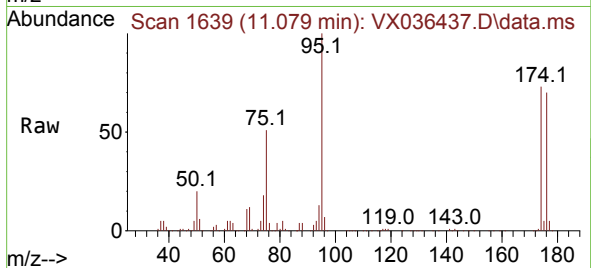




#62
4-Bromofluorobenzene
Concen: 48.791 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

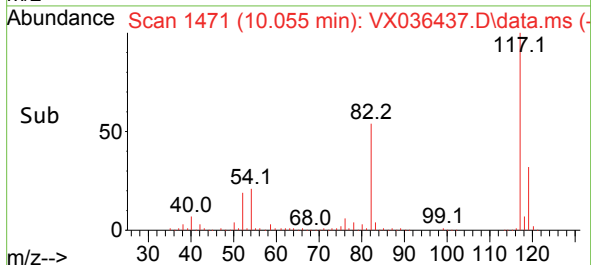
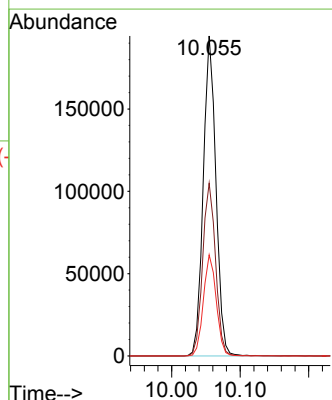
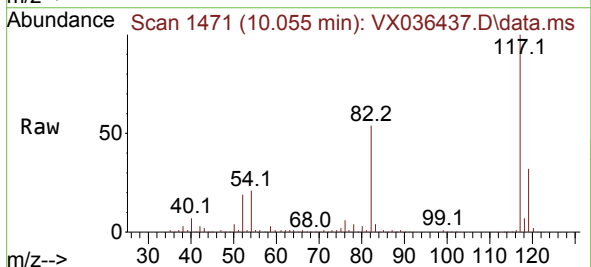
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

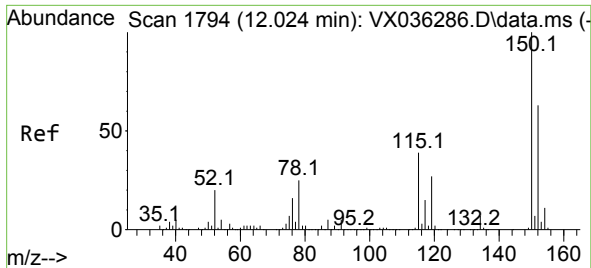
Tgt Ion: 95 Resp: 116317
Ion Ratio Lower Upper
95 100
174 77.8 0.0 135.6
176 76.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 117 Resp: 250443
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 31.6 25.5 38.3

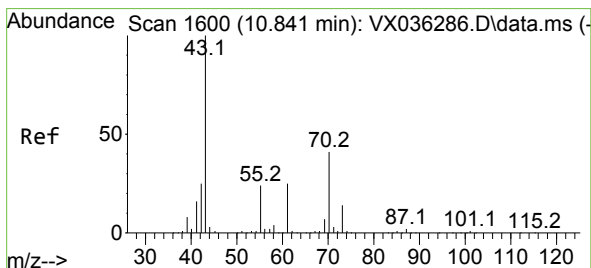
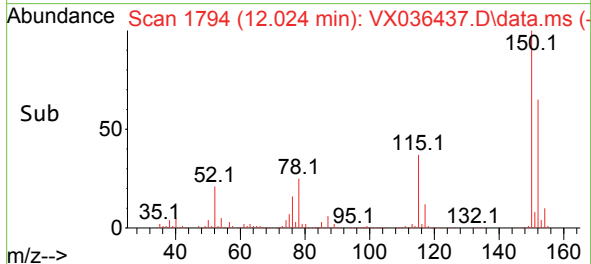
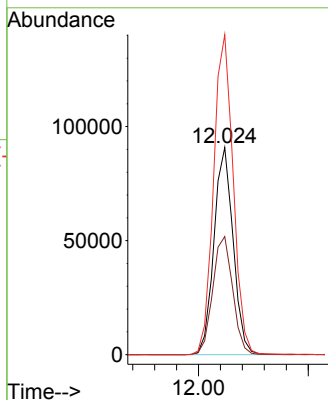
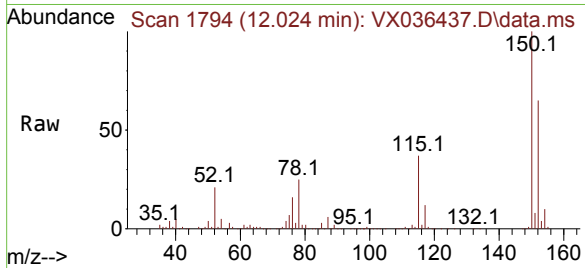




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

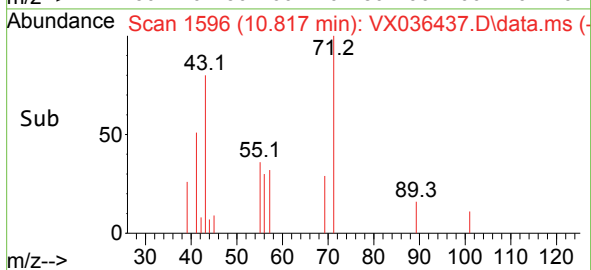
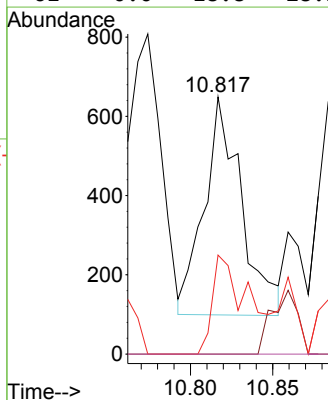
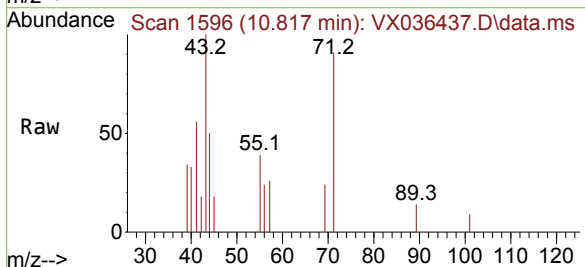
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

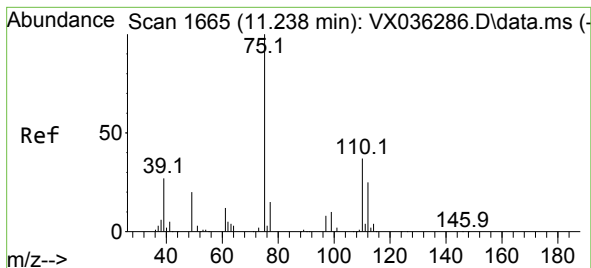
Tgt Ion:152 Resp: 110511
Ion Ratio Lower Upper
152 100
115 59.4 43.3 129.9
150 157.5 0.0 345.0



#74
N-ethyl acetate
Concen: 0.263 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 43.1 19.3 28.9#
61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 25.481 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036437.D

Acq: 06 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

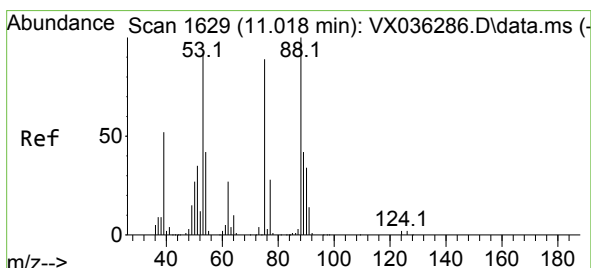
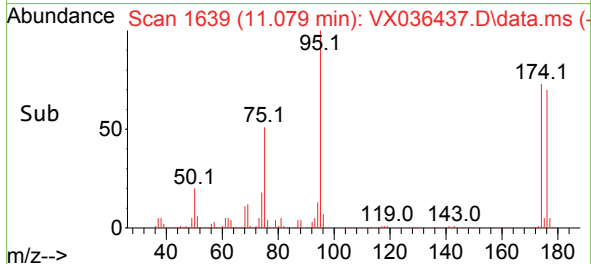
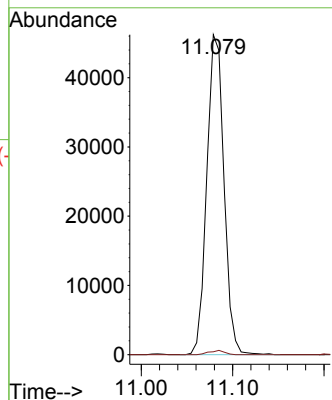
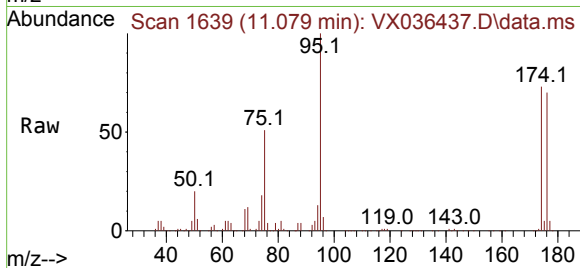
WC-WWS-11-G

Tgt Ion: 75 Resp: 60064

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.061 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036437.D

Acq: 06 Jul 2023 15:53

Tgt Ion: 75 Resp: 60064

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

