

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036435.D
 Acq On : 06 Jul 2023 15:05
 Operator : JC/MD
 Sample : 03510-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-07-G

Quant Time: Jul 07 01:48:28 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)

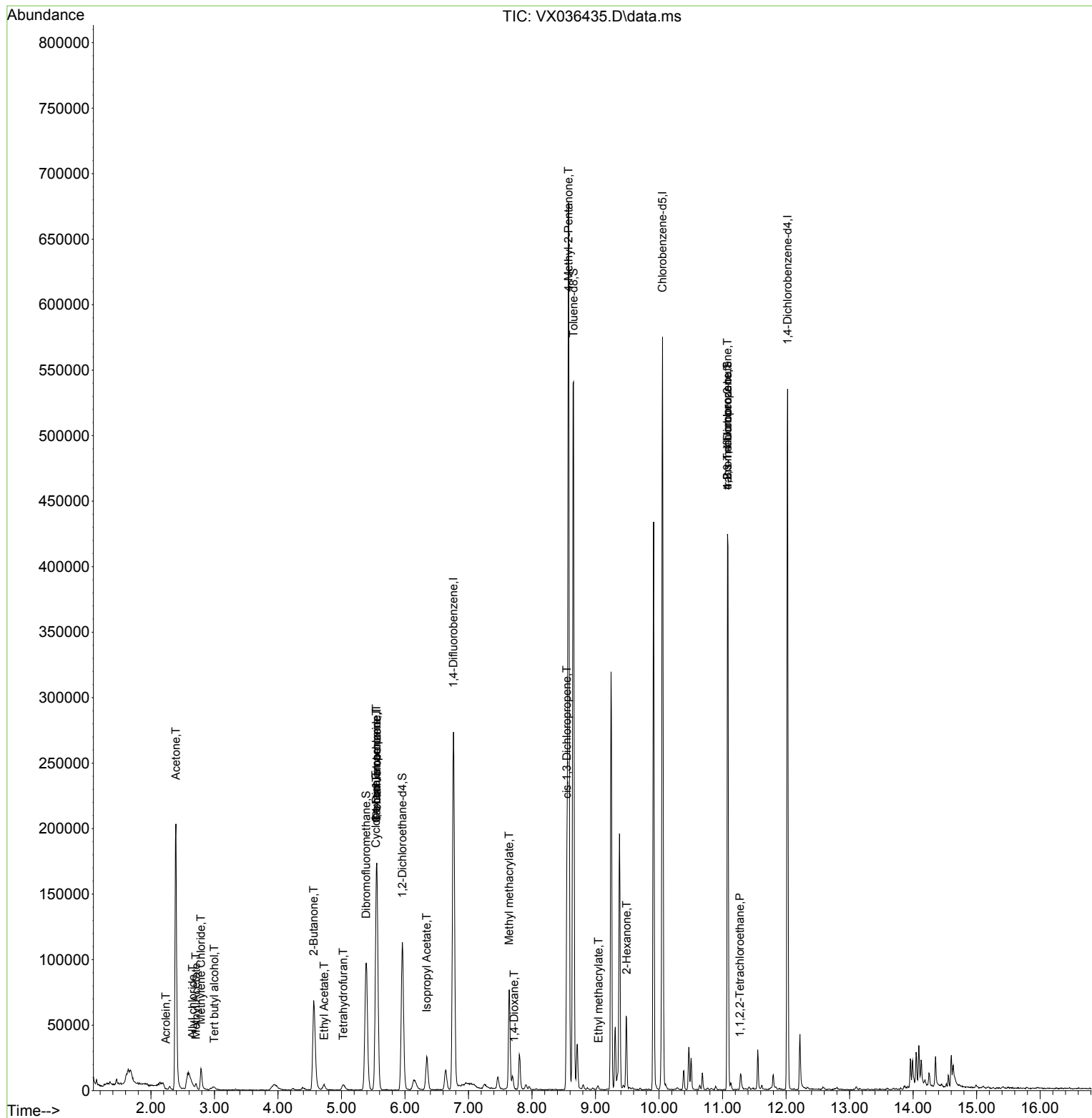
Internal Standards						
1) Pentafluorobenzene	5.556	168	164061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	277210	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106549	45.307	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.620%		
35) Dibromofluoromethane	5.385	113	85631	46.848	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.700%		
50) Toluene-d8	8.653	98	331552	48.565	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.120%		
62) 4-Bromofluorobenzene	11.079	95	115626	48.083	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.160%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	4784	11.176	ug/l	100
13) Acrolein	2.233	56	241	0.410	ug/l #	48
14) Allyl chloride	2.654	41	1620	0.535	ug/l #	24
16) Acetone	2.392	43	239633	238.397	ug/l	93
18) Methyl Acetate	2.709	43	4875	1.179	ug/l	97
20) Methylene Chloride	2.788	84	8001	3.697	ug/l	92
25) 2-Butanone	4.562	43	119611	82.819	ug/l	99
29) Tetrahydrofuran	5.025	42	3809	4.142	ug/l	95
31) Cyclohexane	5.544	56	3697	1.227	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	13057	4.792	ug/l #	50
37) Ethyl Acetate	4.727	43	6804	2.450	ug/l #	93
38) Carbon Tetrachloride	5.550	117	16962	6.816	ug/l #	15
43) Isopropyl Acetate	6.342	43	32743	7.391	ug/l #	96
48) Methyl methacrylate	7.641	41	1881	0.852	ug/l #	1
49) 1,4-Dioxane	7.720	88	78	1.593	ug/l #	12
51) 4-Methyl-2-Pentanone	8.573	43	423950	148.539	ug/l	95
54) cis-1,3-Dichloropropene	8.549	75	26073	8.653	ug/l #	63
56) Ethyl methacrylate	9.049	69	715	0.238	ug/l #	22
59) 2-Hexanone	9.488	43	6181	2.966	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	11.274	83	830	0.302	ug/l #	61
76) 1,2,3-Trichloropropane	11.079	75	60471	26.286	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60471	85.686	ug/l #	5

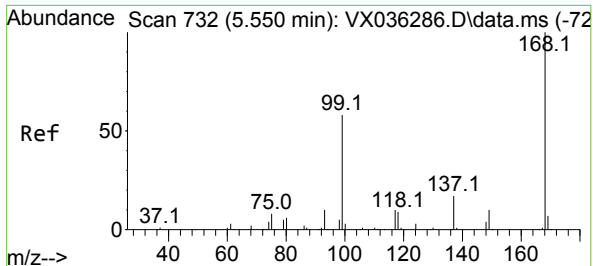
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

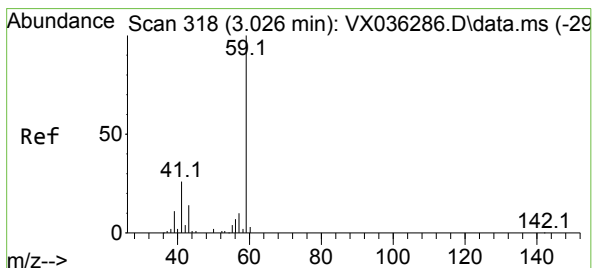
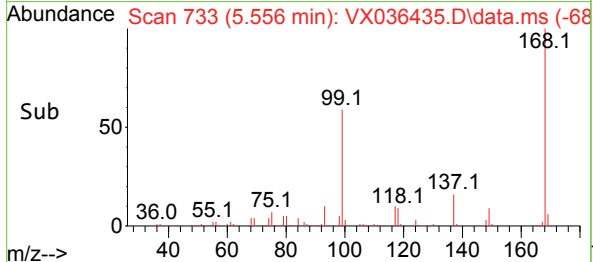
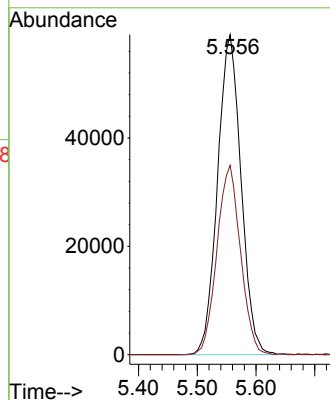
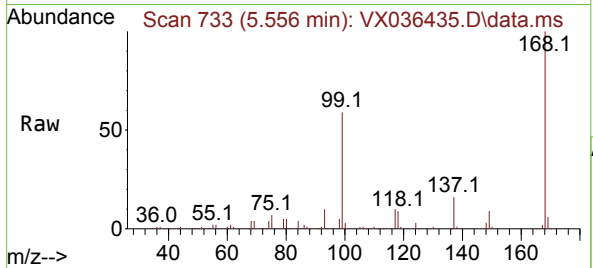




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

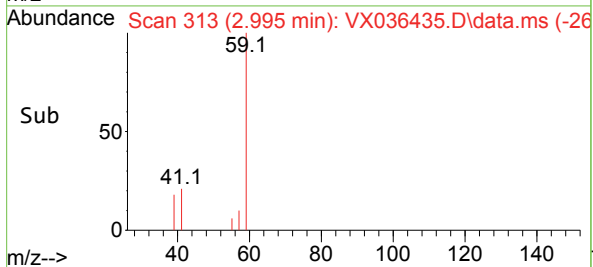
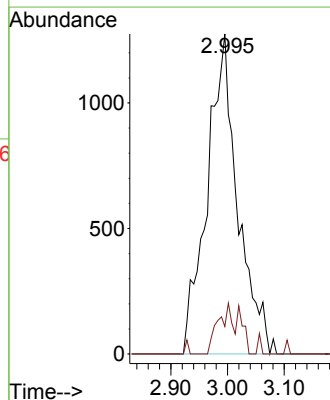
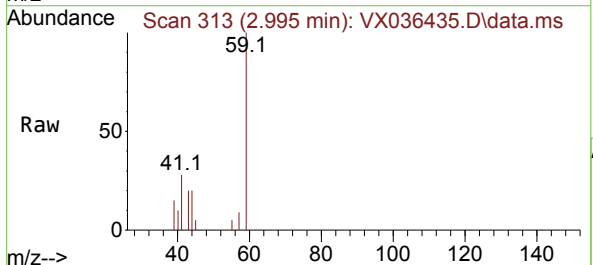
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-07-G

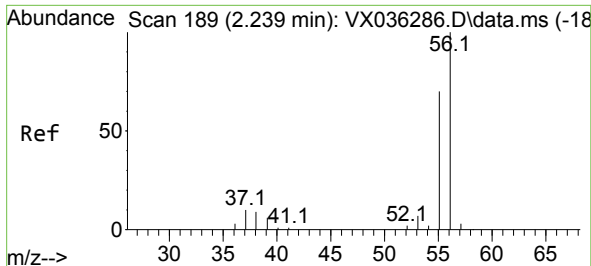
Tgt Ion:168 Resp: 164061
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 11.176 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.018 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

Tgt Ion: 59 Resp: 4784
Ion Ratio Lower Upper
59 100
57 7.5 6.0 9.0





#13

Acrolein

Concen: 0.410 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036435.D

Acq: 06 Jul 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

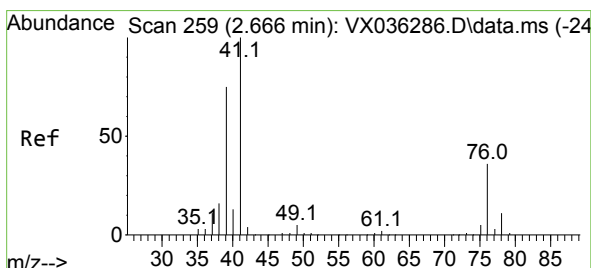
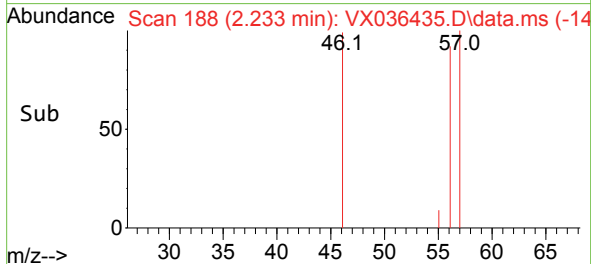
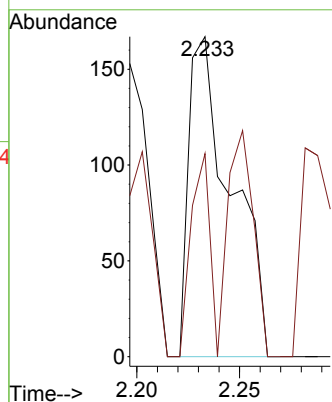
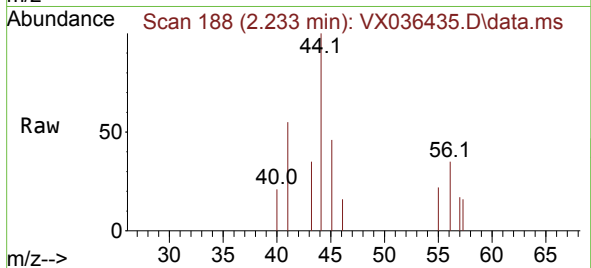
WC-WWS-07-G

Tgt Ion: 56 Resp: 241

Ion Ratio Lower Upper

56 100

55 28.2 57.1 85.7#



#14

Allyl chloride

Concen: 0.535 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.012 min

Lab File: VX036435.D

Acq: 06 Jul 2023 15:05

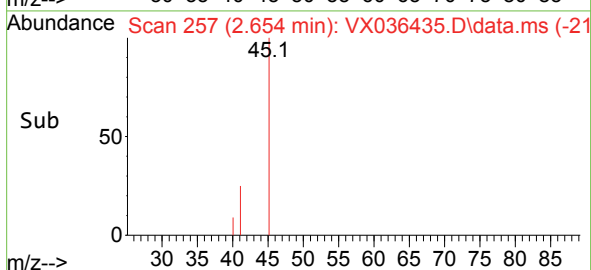
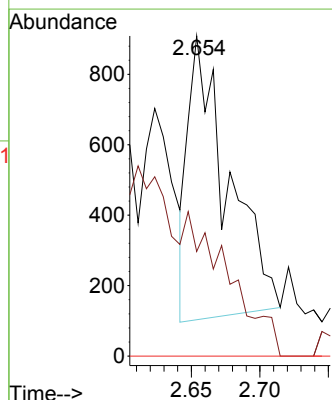
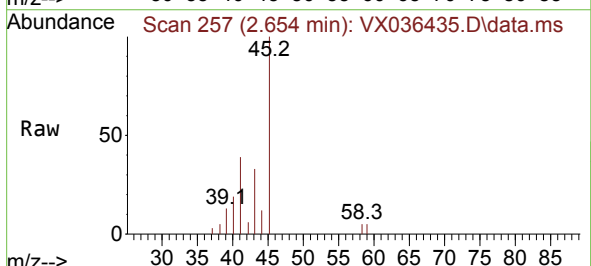
Tgt Ion: 41 Resp: 1620

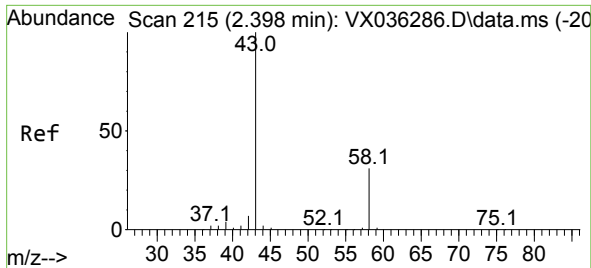
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

76 0.0 24.3 36.5#

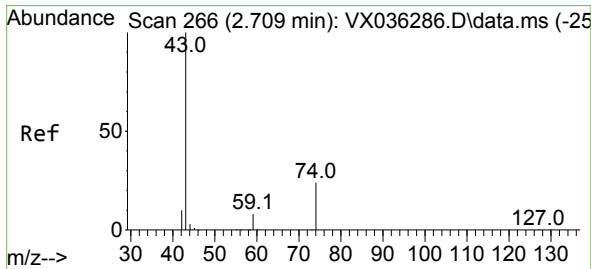
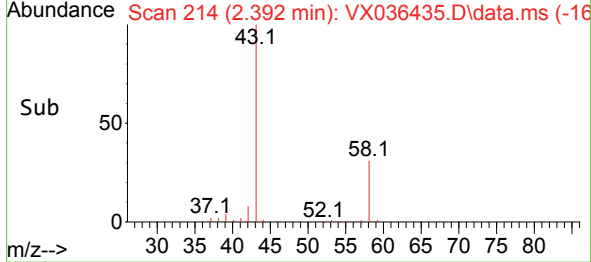
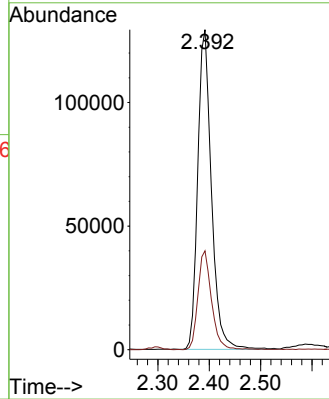
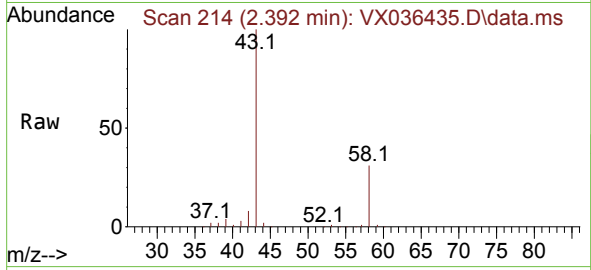




#16
Acetone
Concen: 238.397 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

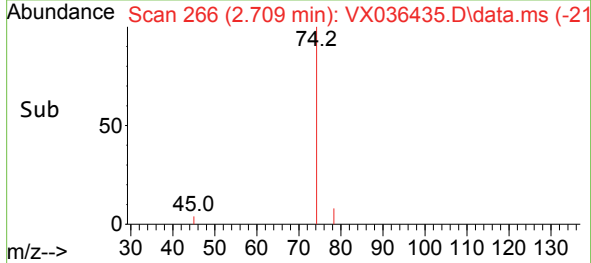
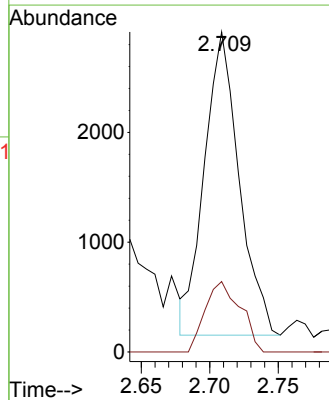
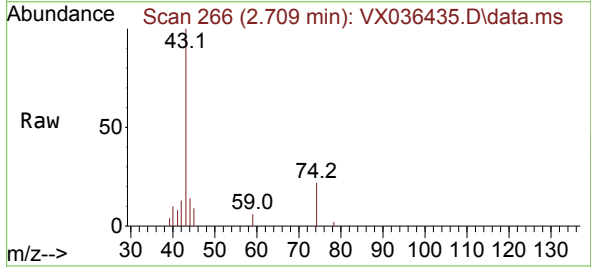
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-07-G

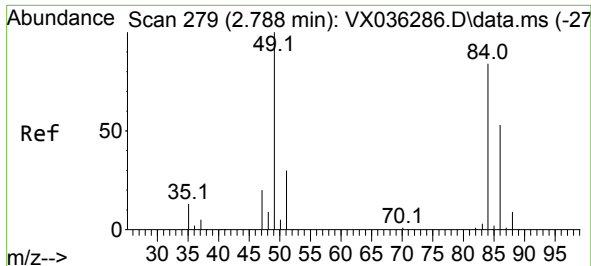
Tgt Ion: 43 Resp: 239633
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9



#18
Methyl Acetate
Concen: 1.179 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

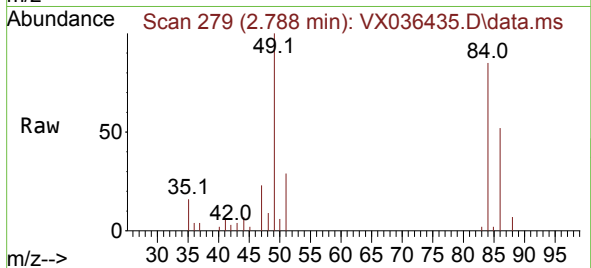
Tgt Ion: 43 Resp: 4875
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.8



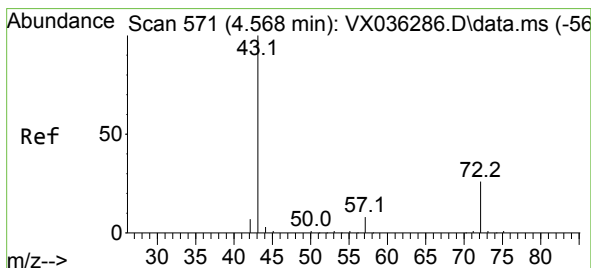
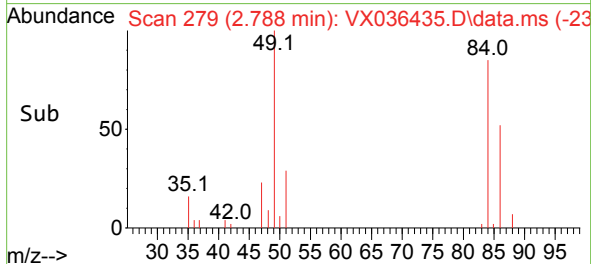
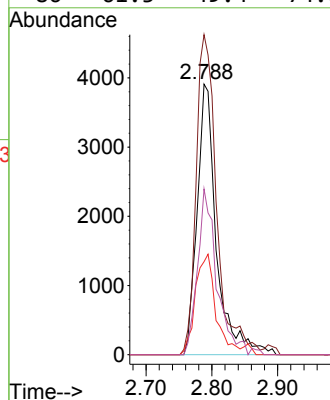


#20
Methylene Chloride
Concen: 3.697 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-07-G

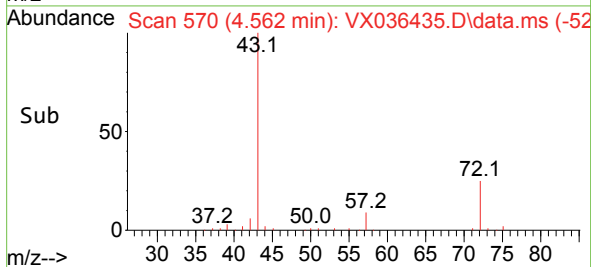
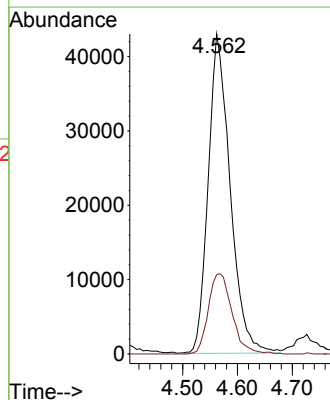
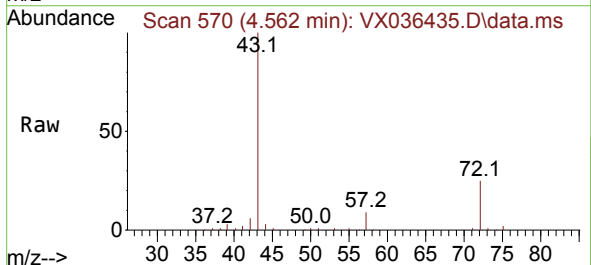


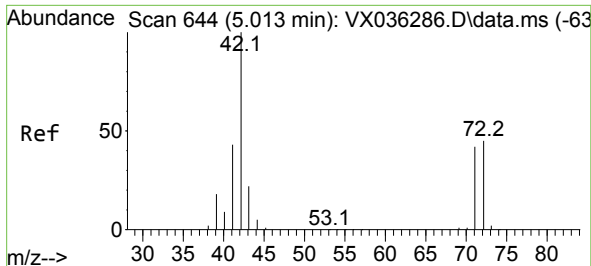
Tgt Ion:	84	Resp:	8001
Ion	Ratio	Lower	Upper
84	100		
49	118.3	103.6	155.4
51	34.3	33.8	50.6
86	61.3	49.4	74.0



#25
2-Butanone
Concen: 82.819 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

Tgt Ion:	43	Resp:	119611
Ion	Ratio	Lower	Upper
43	100		
72	24.9	19.4	29.2





#29

Tetrahydrofuran

Concen: 4.142 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX036435.D

Acq: 06 Jul 2023 15:05

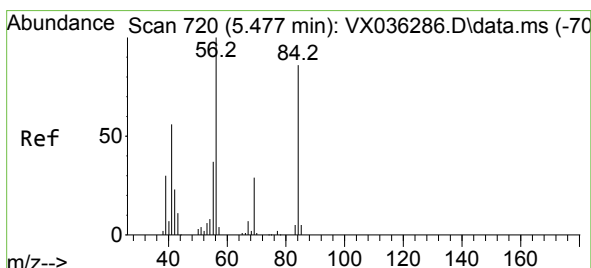
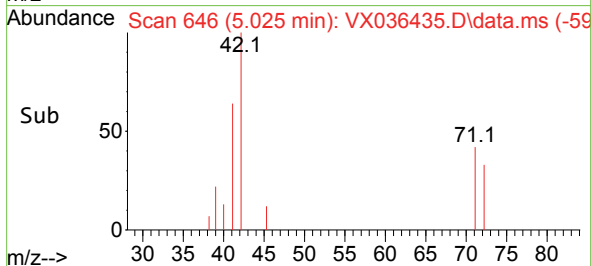
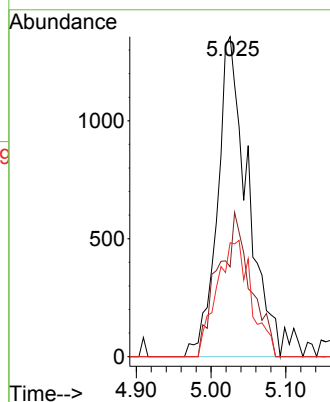
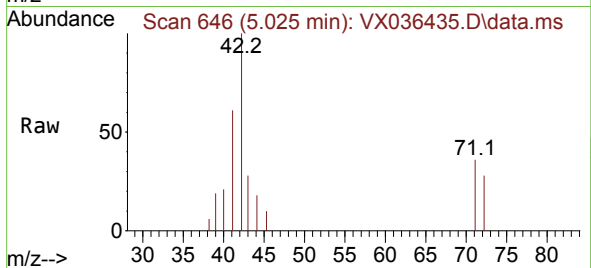
Instrument :

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ClientSampleId :

WC-WWS-07-G

Tgt Ion: 42	Resp: 3809
Ion Ratio	Lower Upper
42	100
72	47.8 34.2 51.4
71	41.6 32.2 48.2



#31

Cyclohexane

Concen: 1.227 ug/l

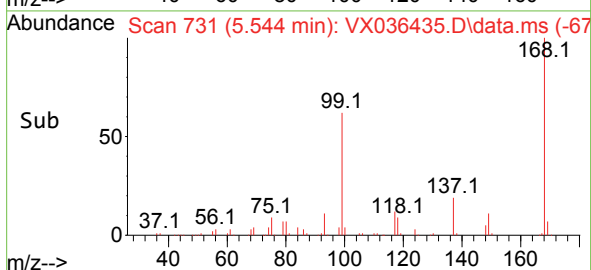
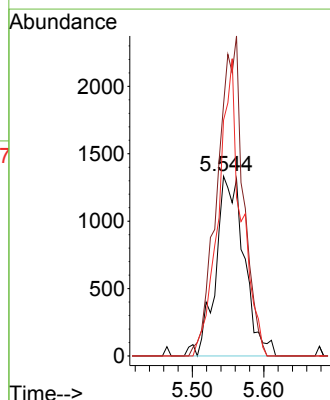
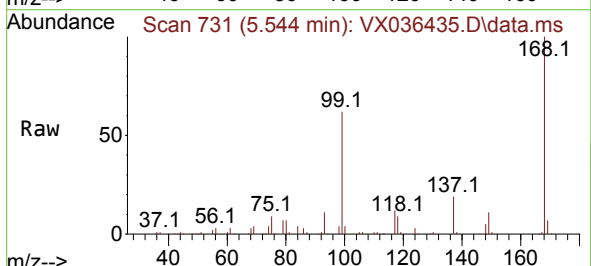
RT: 5.544 min Scan# 731

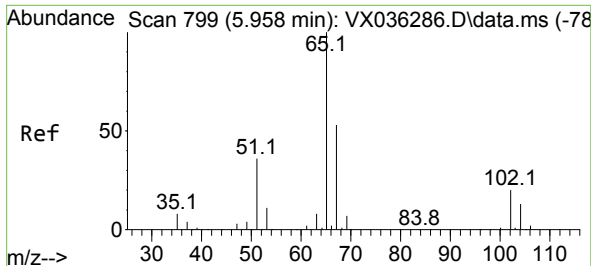
Delta R.T. 0.074 min

Lab File: VX036435.D

Acq: 06 Jul 2023 15:05

Tgt Ion: 56	Resp: 3697
Ion Ratio	Lower Upper
56	100
69	140.0 23.4 35.2#
84	131.4 65.9 98.9#

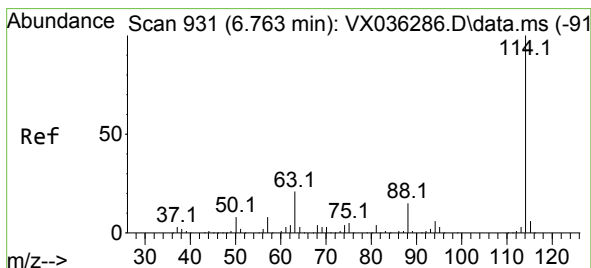
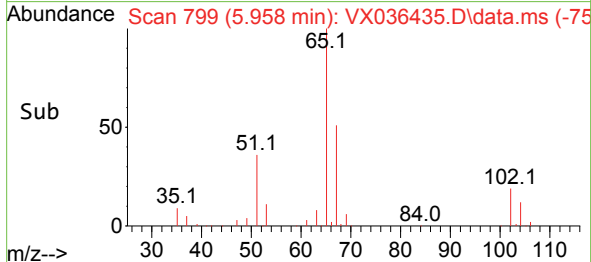
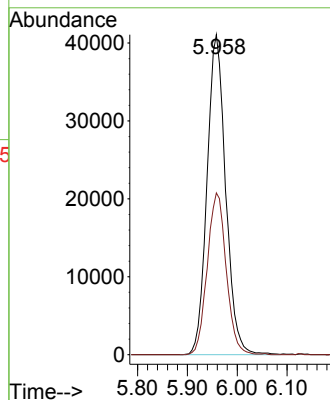
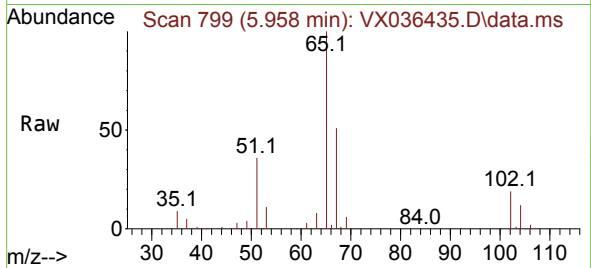




#33
1,2-Dichloroethane-d4
Concen: 45.307 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

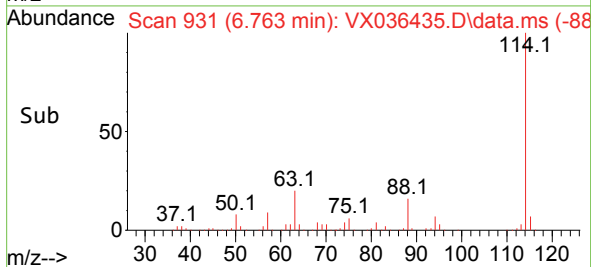
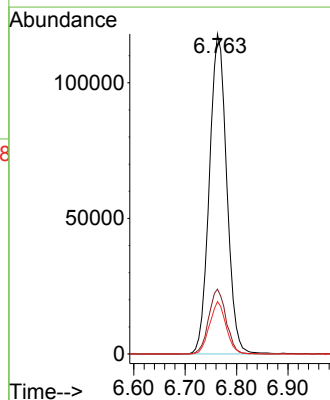
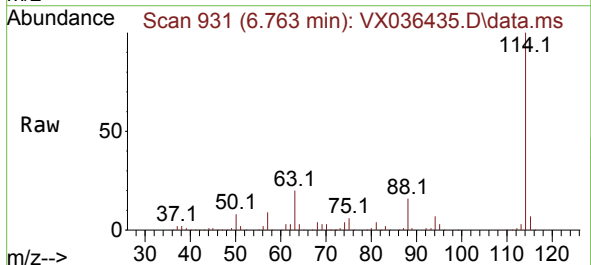
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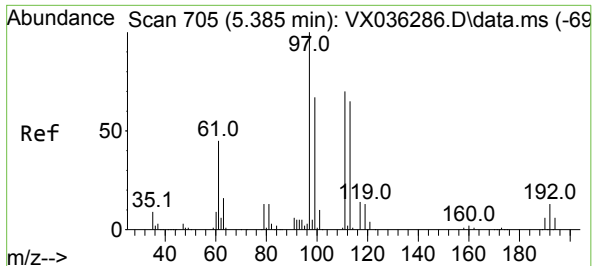
Tgt Ion: 65 Resp: 106549
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

Tgt Ion:114 Resp: 277210
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.848 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036435.D

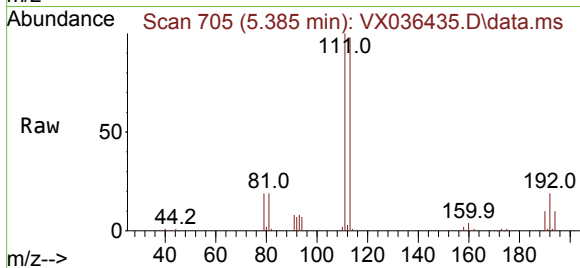
Acq: 06 Jul 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

WC-WWS-07-G



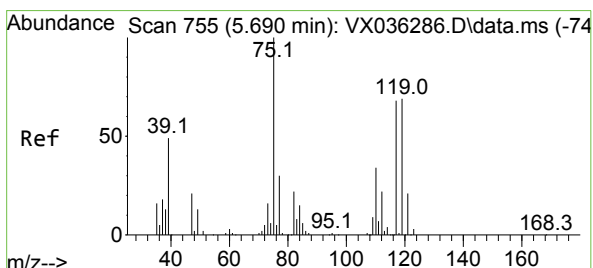
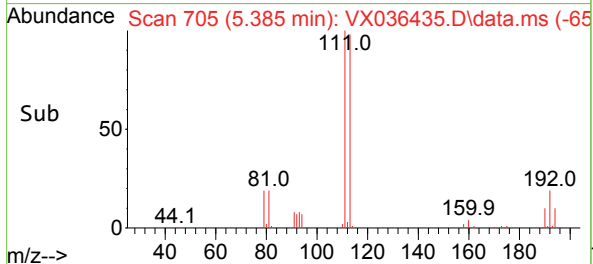
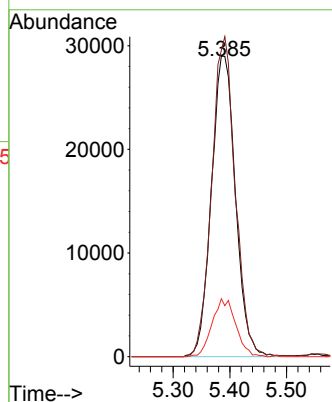
Tgt Ion:113 Resp: 85631

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

192 18.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.792 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX036435.D

Acq: 06 Jul 2023 15:05

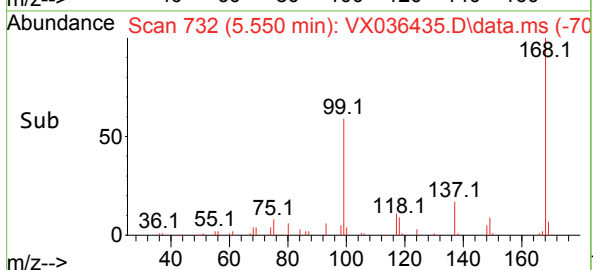
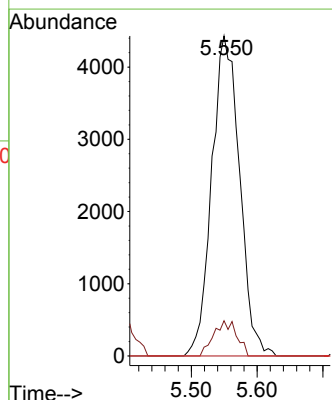
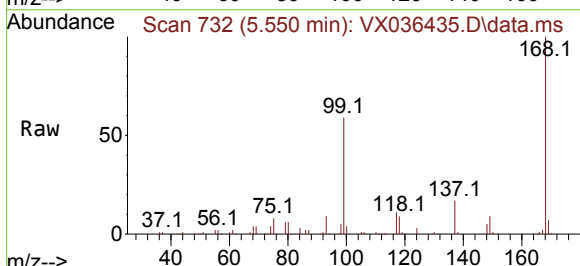
Tgt Ion: 75 Resp: 13057

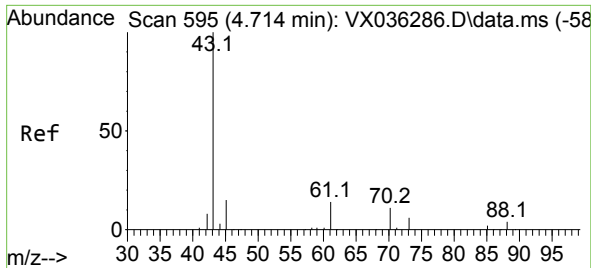
Ion Ratio Lower Upper

75 100

110 9.1 17.0 50.9#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.450 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.013 min

Lab File: VX036435.D

Acq: 06 Jul 2023 15:05

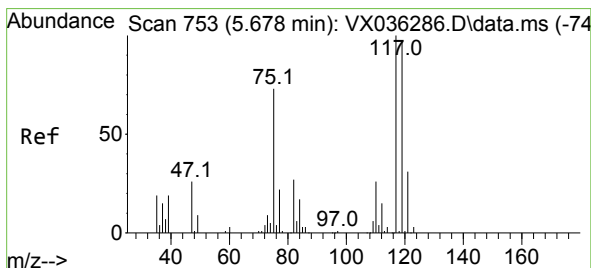
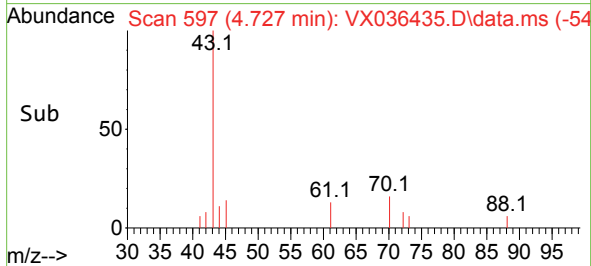
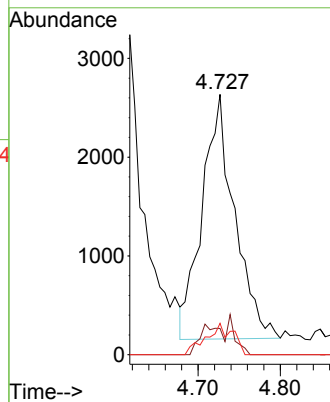
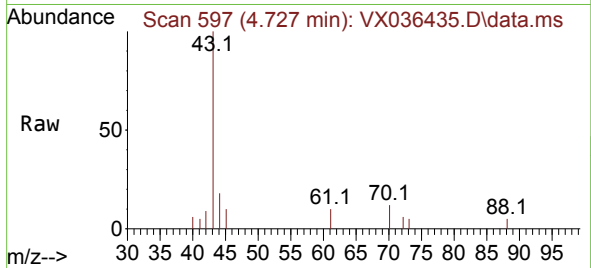
Instrument :

MSVOA_X

ClientSampleId :

WC-WWS-07-G

Tgt Ion: 43	Resp: 6804
Ion Ratio	Lower Upper
43 100	
61 8.1	10.6 16.0#
70 10.5	8.3 12.5



#38

Carbon Tetrachloride

Concen: 6.816 ug/l

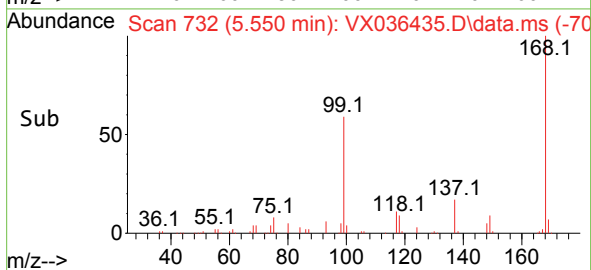
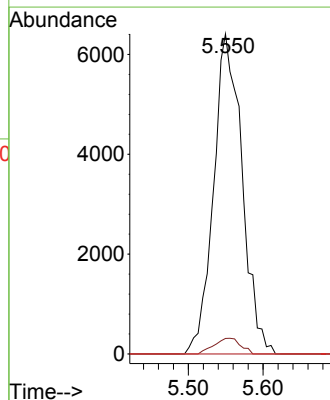
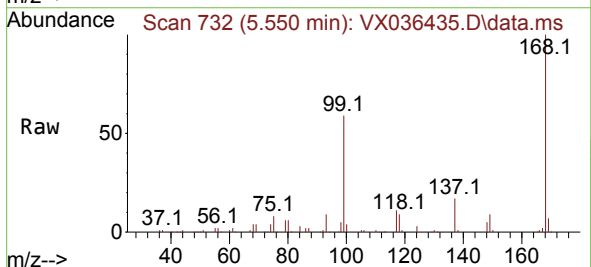
RT: 5.550 min Scan# 732

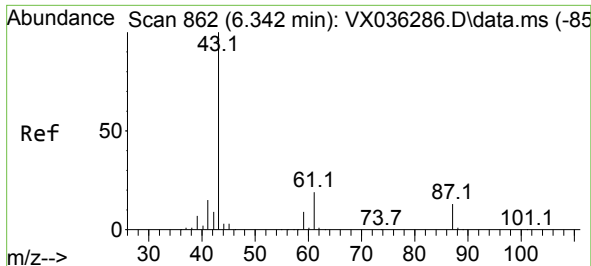
Delta R.T. -0.128 min

Lab File: VX036435.D

Acq: 06 Jul 2023 15:05

Tgt Ion: 117	Resp: 16962
Ion Ratio	Lower Upper
117 100	
119 4.9	78.2 117.2#
121 0.0	24.4 36.6#

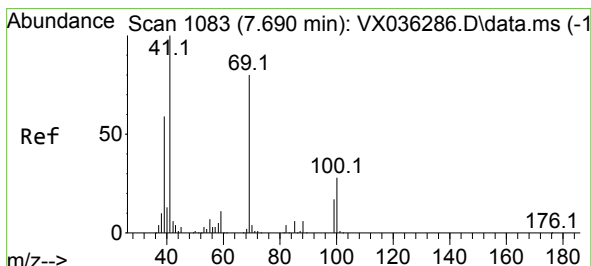
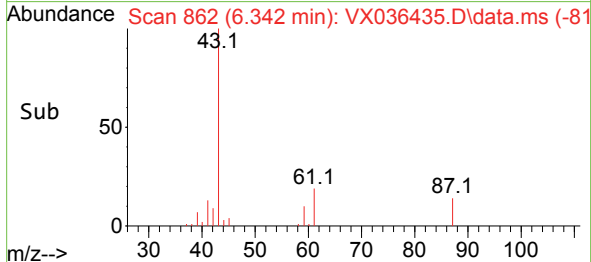
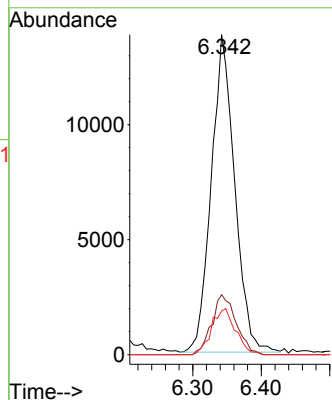
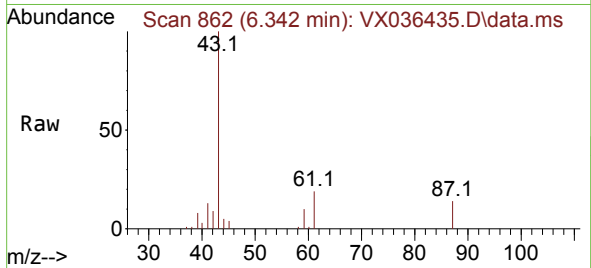




#43
Isopropyl Acetate
Concen: 7.391 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

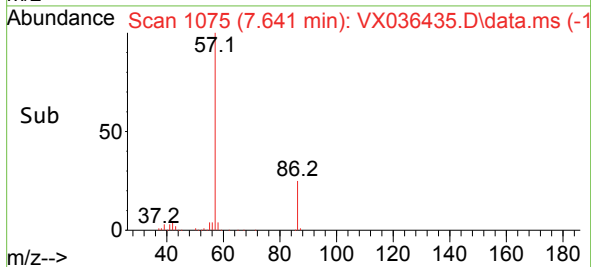
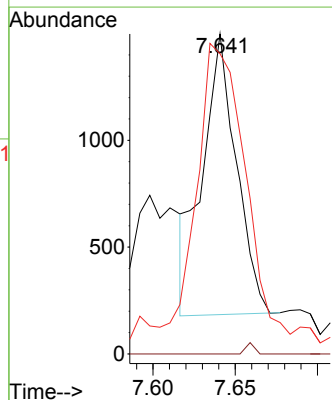
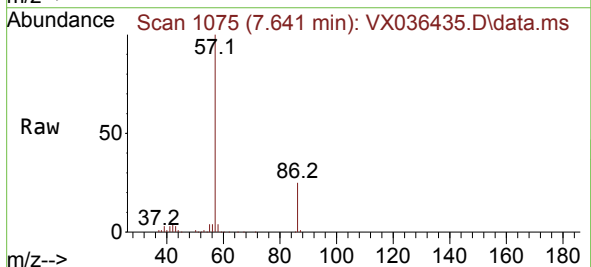
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-07-G

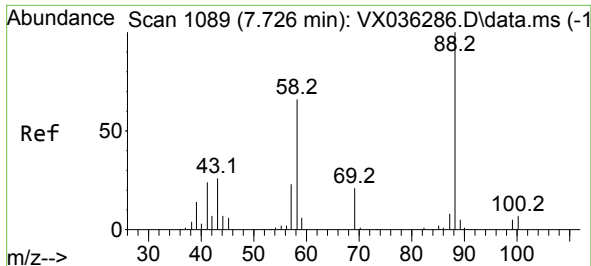
Tgt Ion: 43 Resp: 32743
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 15.0 9.8 14.6#



#48
Methyl methacrylate
Concen: 0.852 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.048 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

Tgt Ion: 41 Resp: 1881
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 185.4 47.7 71.5#





#49

1,4-Dioxane

Concen: 1.593 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. -0.012 min

Lab File: VX036435.D

Acq: 06 Jul 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

WC-WWS-07-G

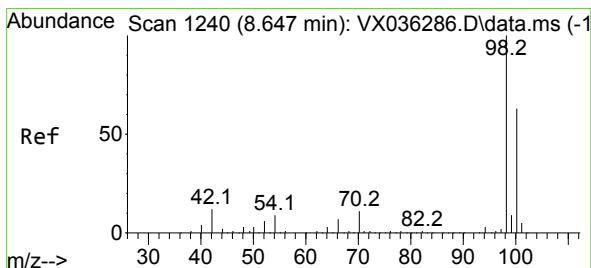
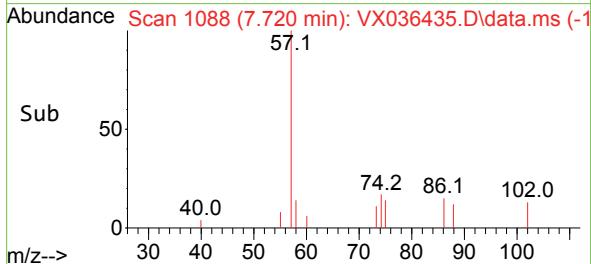
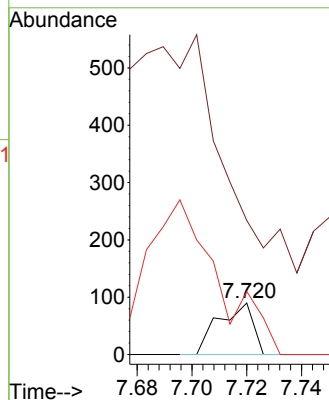
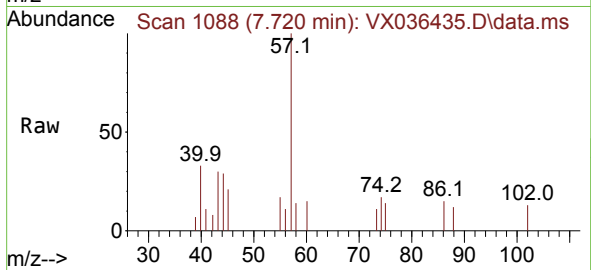
Tgt Ion: 88 Resp: 78

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 60.1 90.1#



#50

Toluene-d8

Concen: 48.565 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX036435.D

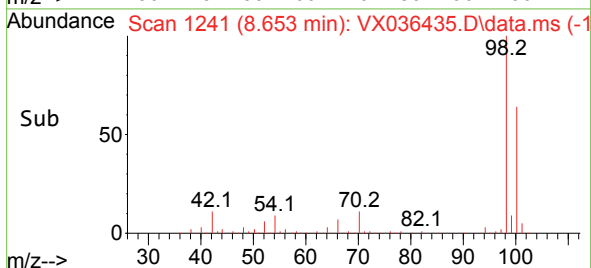
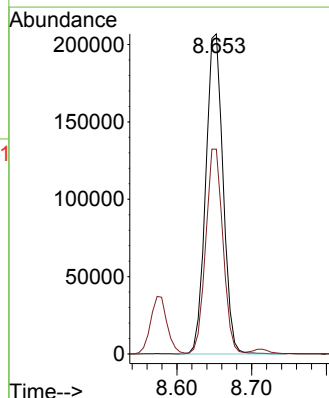
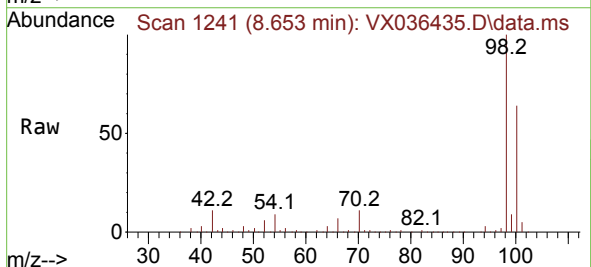
Acq: 06 Jul 2023 15:05

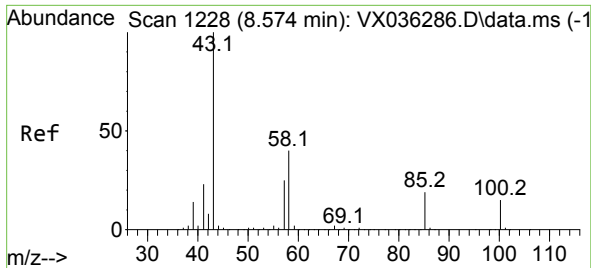
Tgt Ion: 98 Resp: 331552

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7

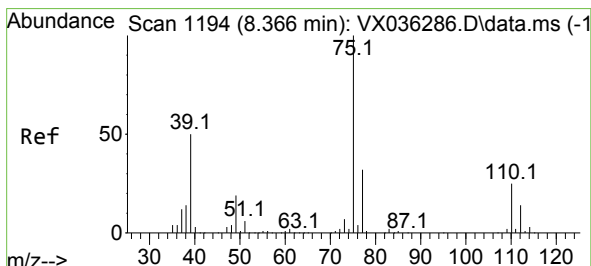
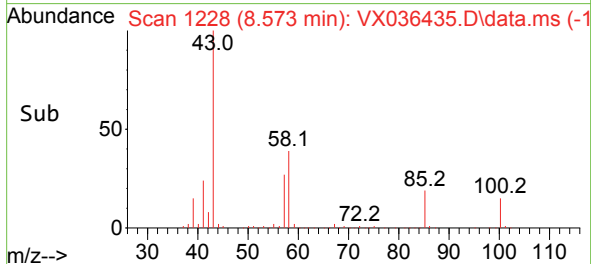
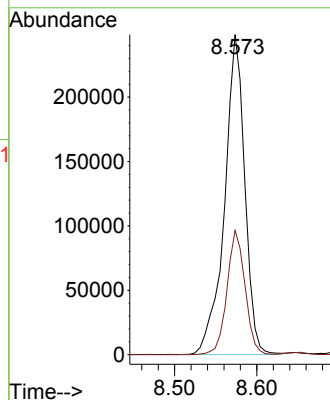
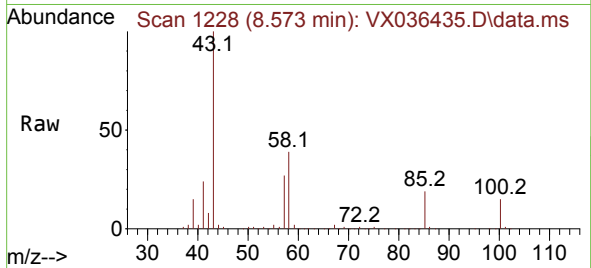




#51
4-Methyl-2-Pentanone
Concen: 148.539 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

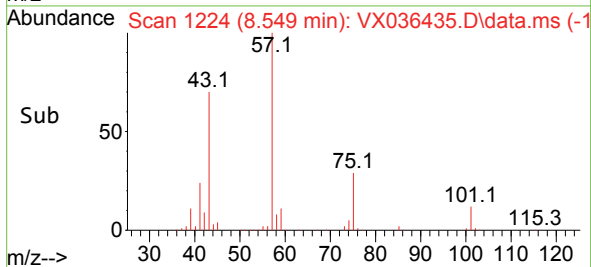
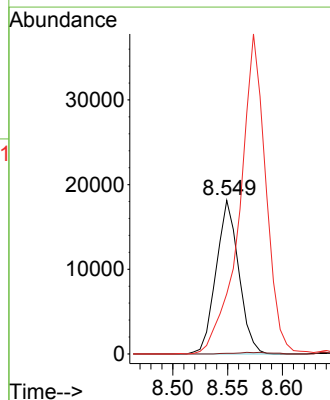
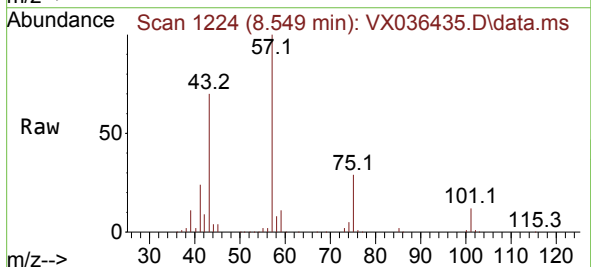
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-07-G

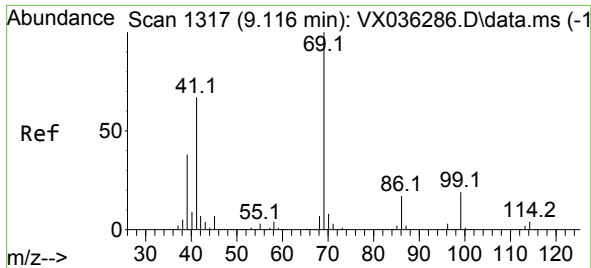
Tgt Ion: 43 Resp: 423950
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6



#54
cis-1,3-Dichloropropene
Concen: 8.653 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

Tgt Ion: 75 Resp: 26073
Ion Ratio Lower Upper
75 100
77 0.4 25.3 37.9#
39 38.8 46.7 70.1#

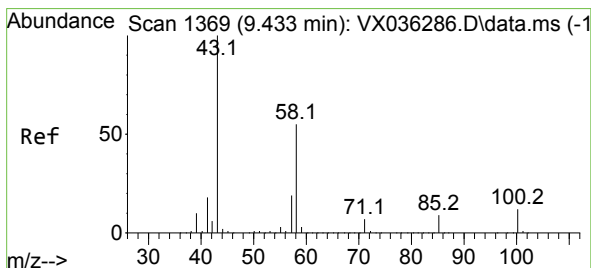
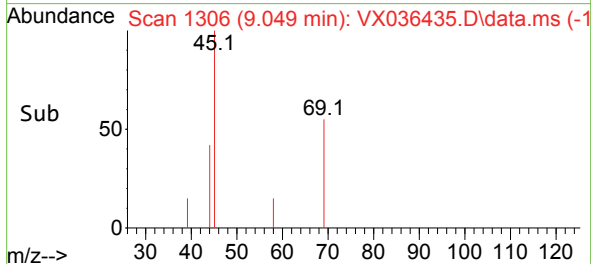
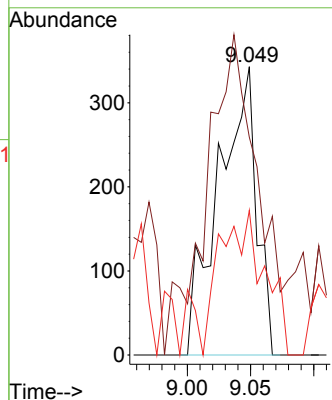
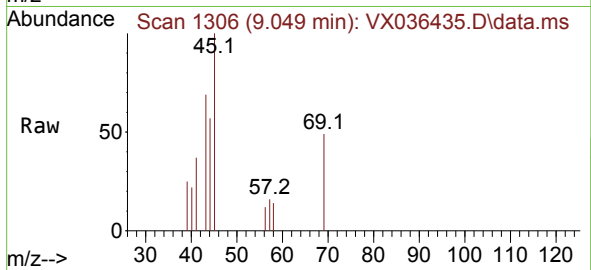




#56
Ethyl methacrylate
Concen: 0.238 ug/l
RT: 9.049 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

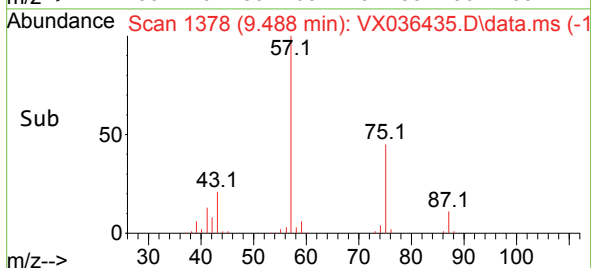
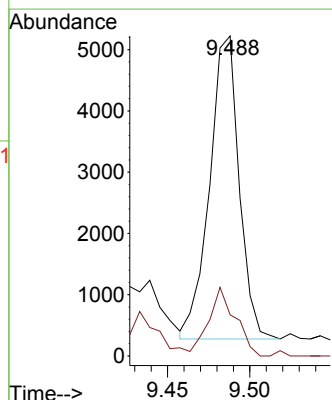
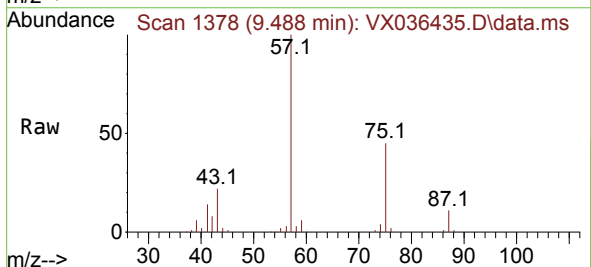
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-07-G

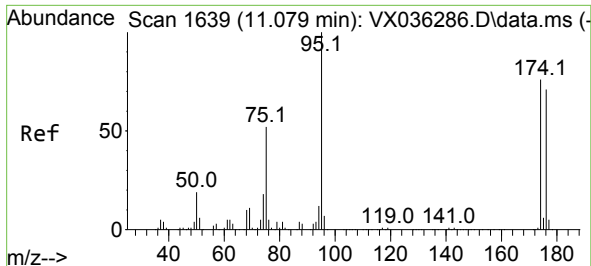
Tgt Ion: 69 Resp: 715
Ion Ratio Lower Upper
69 100
41 0.0 56.8 85.2#
39 0.0 32.0 48.0#



#59
2-Hexanone
Concen: 2.966 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

Tgt Ion: 43 Resp: 6181
Ion Ratio Lower Upper
43 100
58 20.3 26.2 78.5#

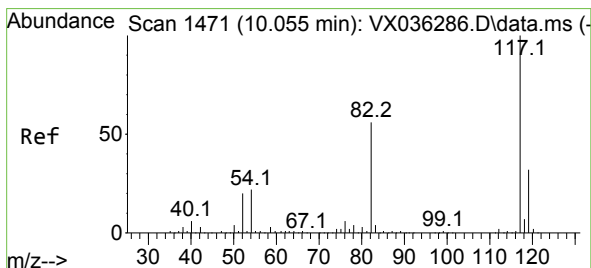
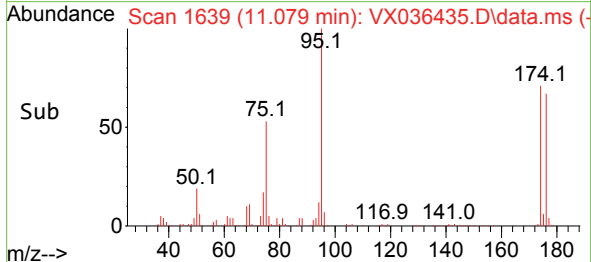
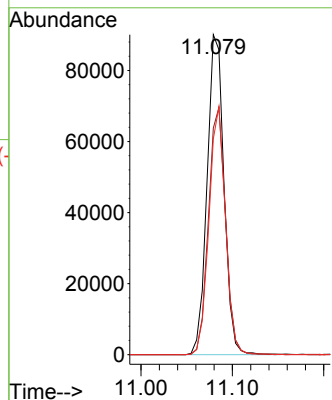
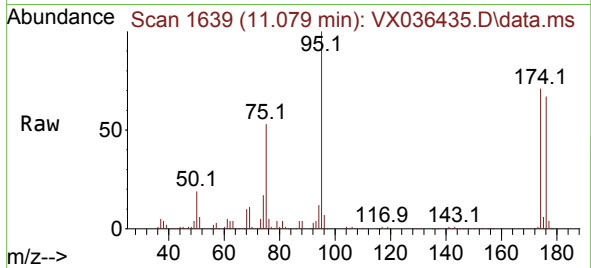




#62
4-Bromofluorobenzene
Concen: 48.083 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

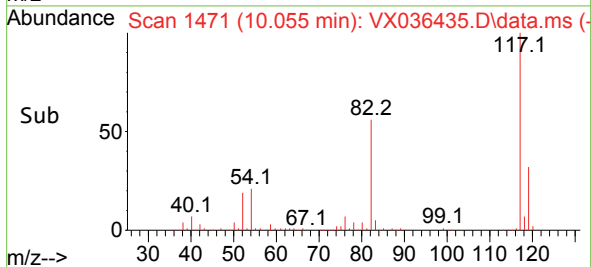
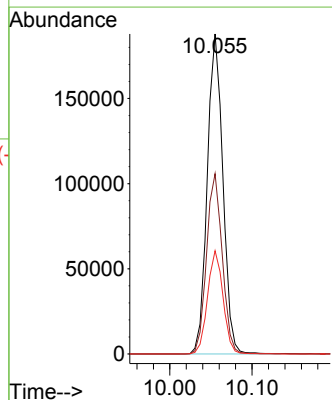
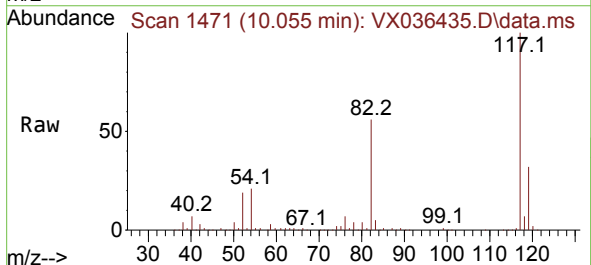
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-07-G

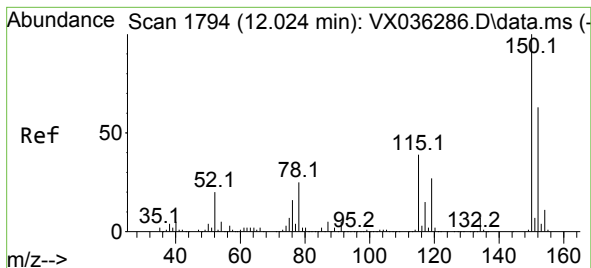
Tgt Ion: 95 Resp: 115626
Ion Ratio Lower Upper
95 100
174 78.2 0.0 135.6
176 75.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036435.D
Acq: 06 Jul 2023 15:05

Tgt Ion: 117 Resp: 247628
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.3 25.5 38.3

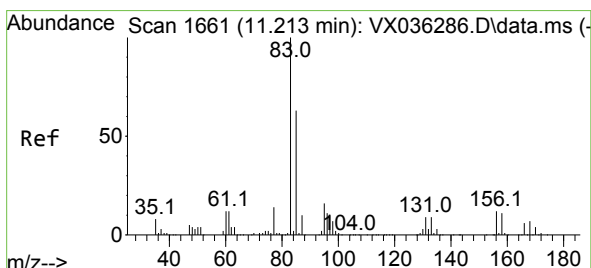
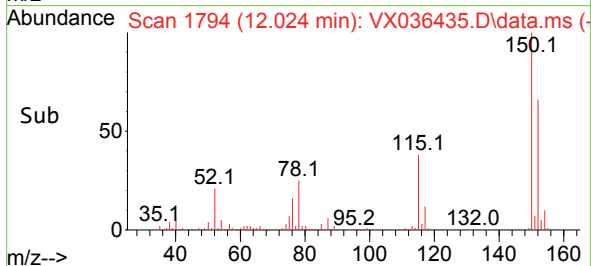
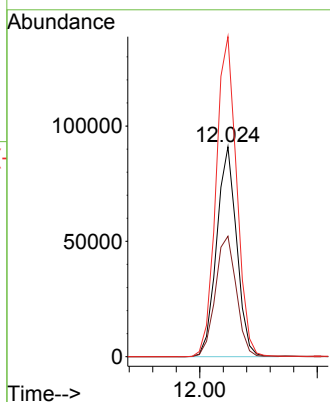
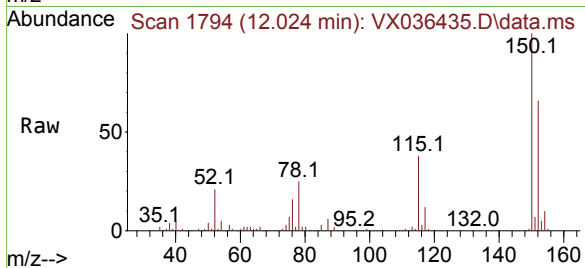




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX036435.D
 Acq: 06 Jul 2023 15:05

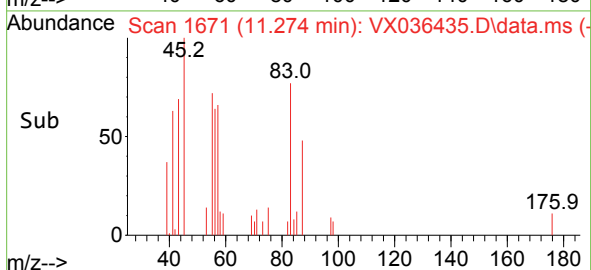
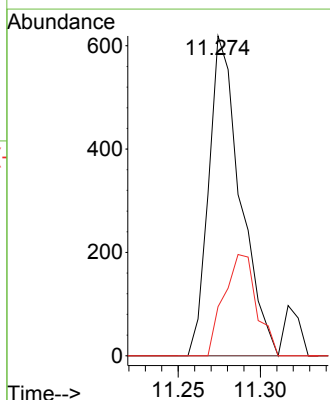
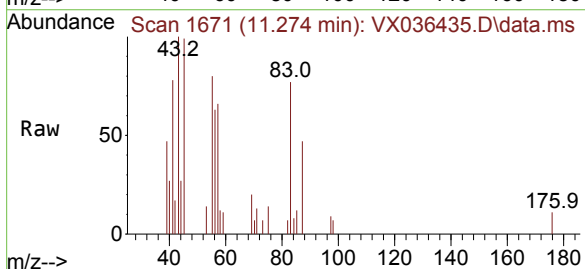
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-07-G

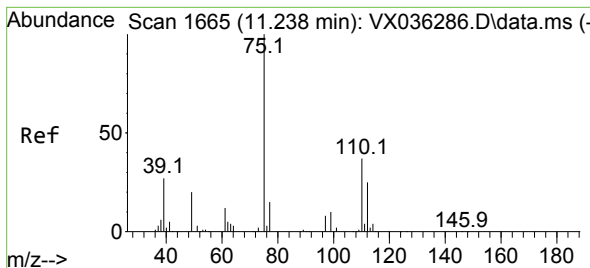
Tgt Ion:152 Resp: 107851
 Ion Ratio Lower Upper
 152 100
 115 60.5 43.3 129.9
 150 157.3 0.0 345.0



#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.302 ug/l
 RT: 11.274 min Scan# 1671
 Delta R.T. 0.061 min
 Lab File: VX036435.D
 Acq: 06 Jul 2023 15:05

Tgt Ion: 83 Resp: 830
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.3 15.8#
 85 32.5 32.0 96.2





#76

1,2,3-Trichloropropane

Concen: 26.286 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036435.D

Acq: 06 Jul 2023 15:05

Instrument :

MSVOA_X

ClientSampleId :

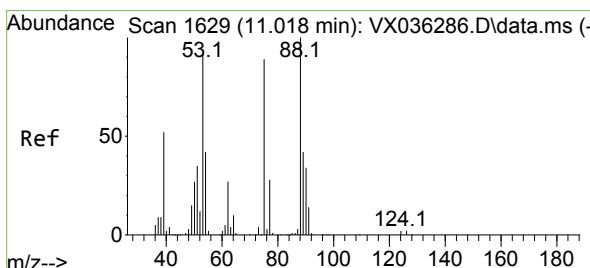
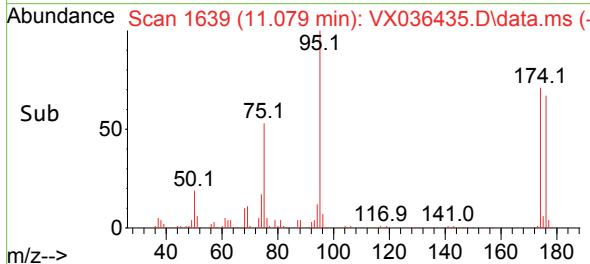
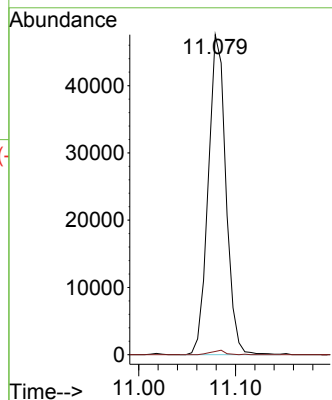
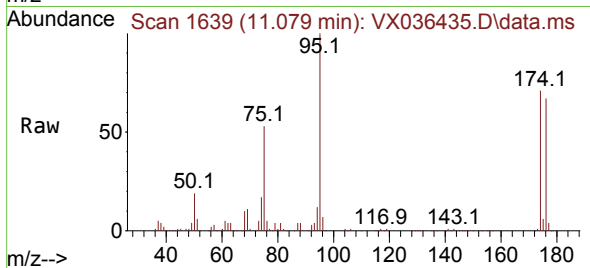
WC-WWS-07-G

Tgt Ion: 75 Resp: 60471

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.686 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036435.D

Acq: 06 Jul 2023 15:05

Tgt Ion: 75 Resp: 60471

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

