

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036434.D
 Acq On : 06 Jul 2023 14:41
 Operator : JC/MD
 Sample : 03510-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-06-G

Quant Time: Jul 07 01:48:02 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)

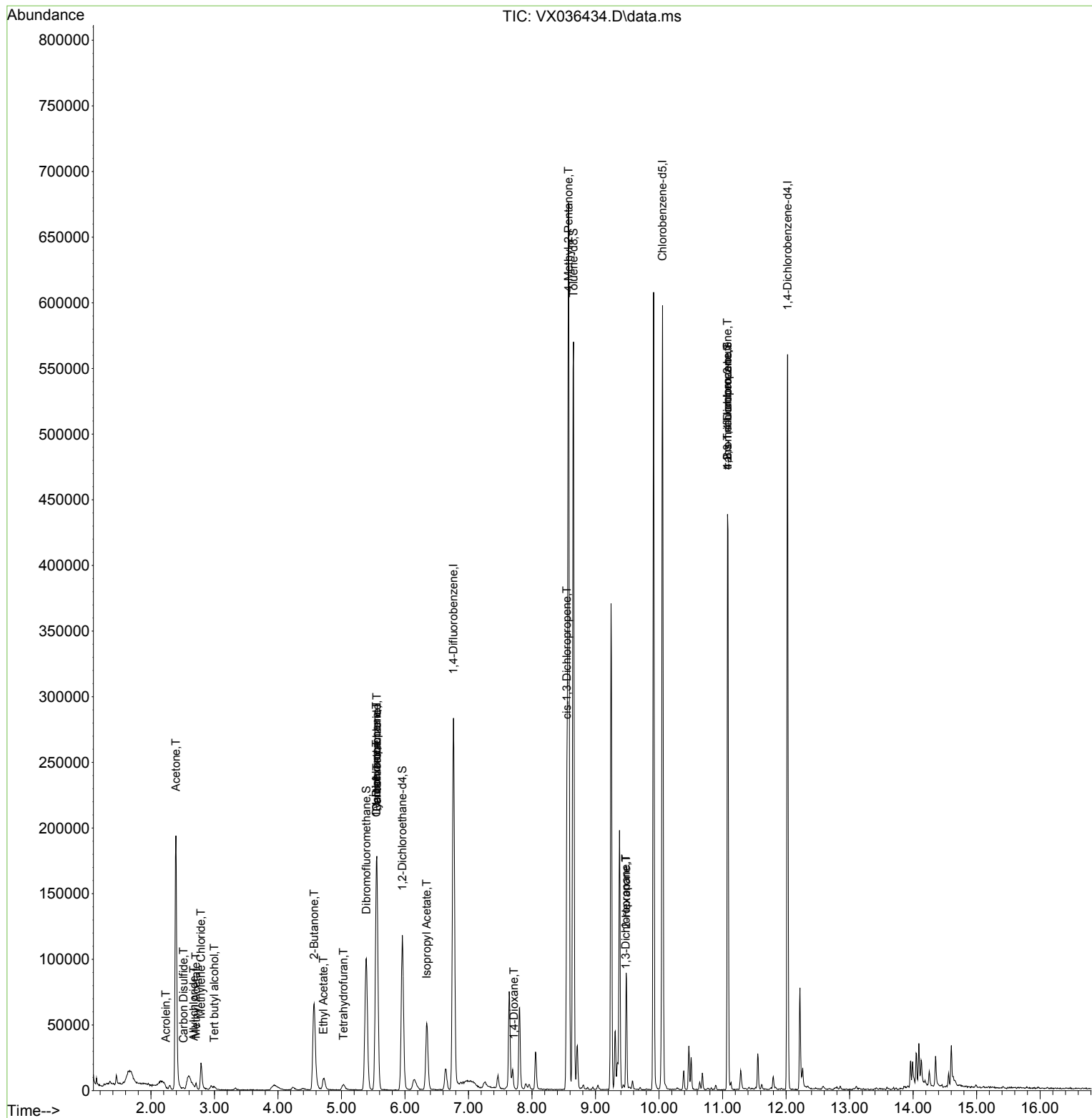
Internal Standards						
1) Pentafluorobenzene	5.556	168	164847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110279	46.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.340%		
35) Dibromofluoromethane	5.391	113	88147	47.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.460%		
50) Toluene-d8	8.653	98	342571	49.144	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.280%		
62) 4-Bromofluorobenzene	11.079	95	117908	48.021	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.040%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.995	59	3818	8.876	ug/l #	94
13) Acrolein	2.233	56	189	0.320	ug/l #	1
14) Allyl chloride	2.672	41	2098	0.689	ug/l #	24
16) Acetone	2.391	43	234725	232.401	ug/l	92
17) Carbon Disulfide	2.513	76	999	0.217	ug/l #	76
18) Methyl Acetate	2.708	43	4745	1.142	ug/l	98
20) Methylene Chloride	2.788	84	10176	4.679	ug/l	91
25) 2-Butanone	4.568	43	116636	80.374	ug/l	97
29) Tetrahydrofuran	5.031	42	3676	3.979	ug/l #	88
31) Cyclohexane	5.549	56	3770	1.245	ug/l #	11
36) 1,1-Dichloropropene	5.549	75	13951	5.015	ug/l #	51
37) Ethyl Acetate	4.714	43	16134	5.690	ug/l	97
38) Carbon Tetrachloride	5.556	117	17323	6.818	ug/l #	15
43) Isopropyl Acetate	6.342	43	69609	15.389	ug/l	97
49) 1,4-Dioxane	7.714	88	38	0.760	ug/l #	1
51) 4-Methyl-2-Pentanone	8.573	43	453908	155.756	ug/l	93
54) cis-1,3-Dichloropropene	8.549	75	35034	11.387	ug/l #	62
57) 1,3-Dichloropropane	9.476	76	785	0.224	ug/l #	42
59) 2-Hexanone	9.482	43	10438	4.905	ug/l #	56
76) 1,2,3-Trichloropropane	11.079	75	60734	25.091	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60734	81.790	ug/l #	5

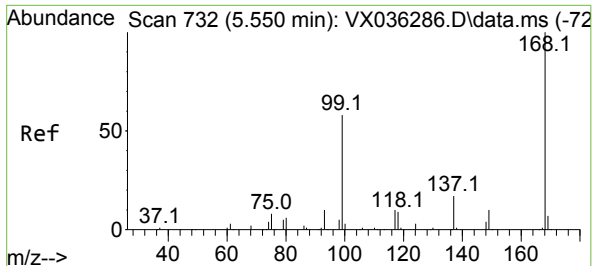
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

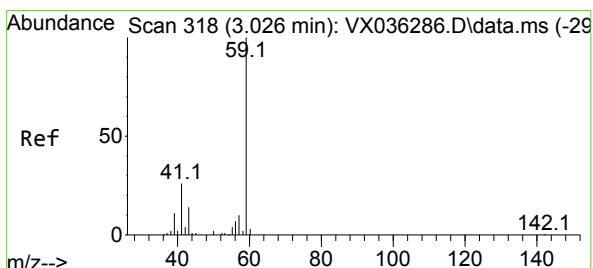
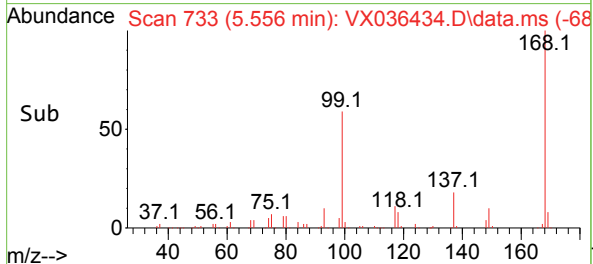
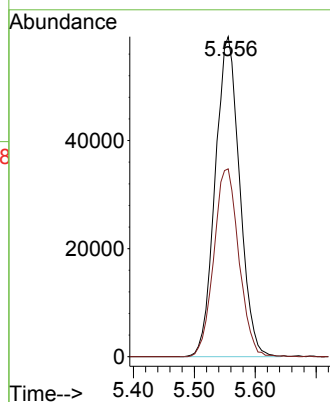
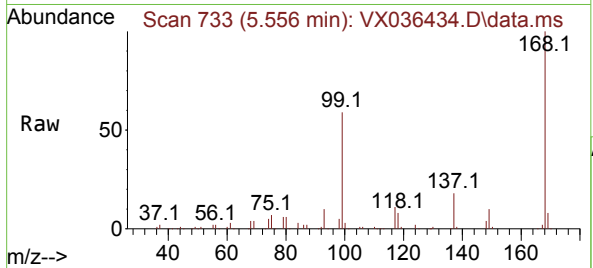




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

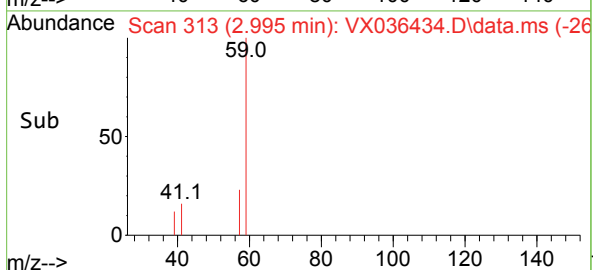
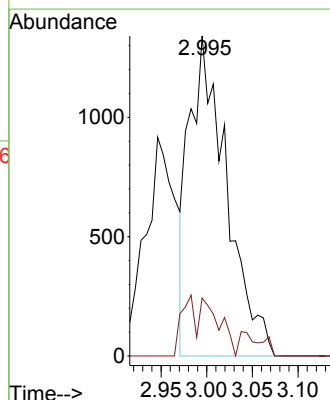
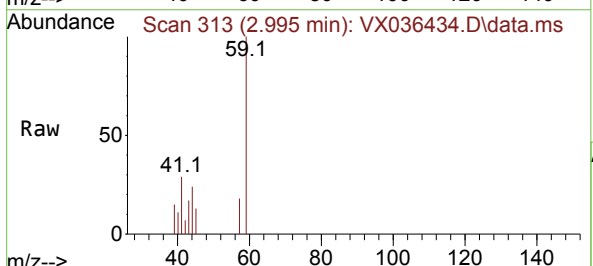
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-06-G

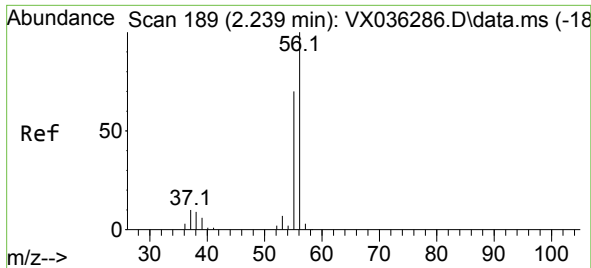
Tgt Ion:168 Resp: 164847
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 8.876 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.018 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 59 Resp: 3818
Ion Ratio Lower Upper
59 100
57 9.5 6.0 9.0#

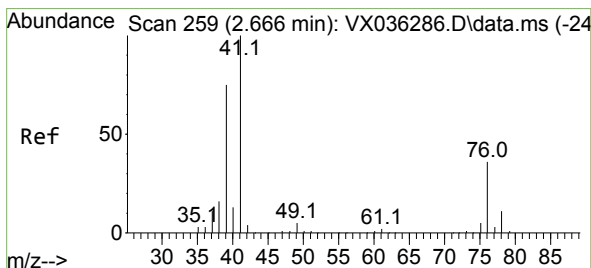
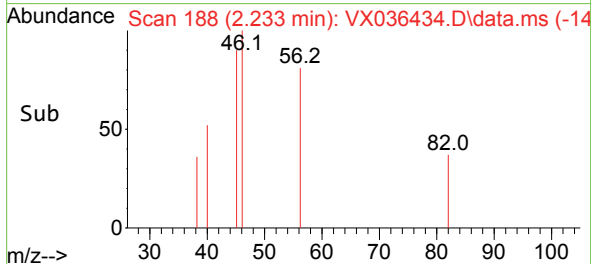
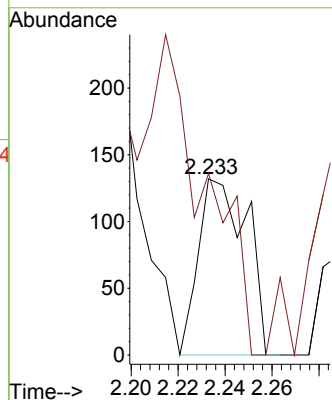
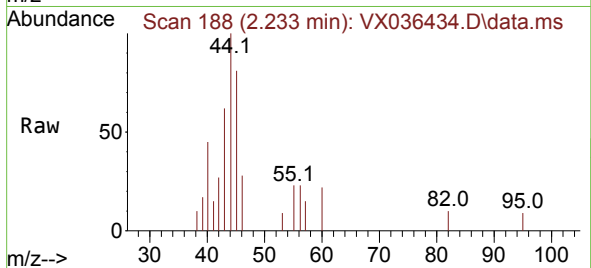




#13
Acrolein
Concen: 0.320 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

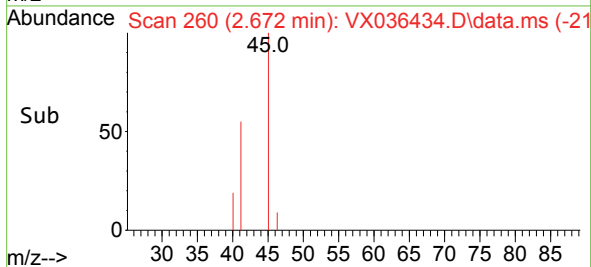
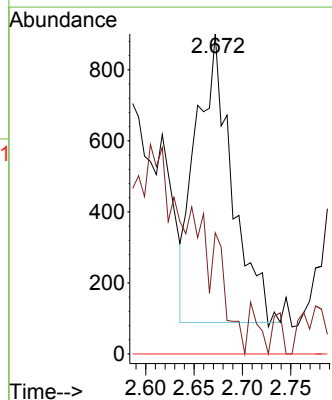
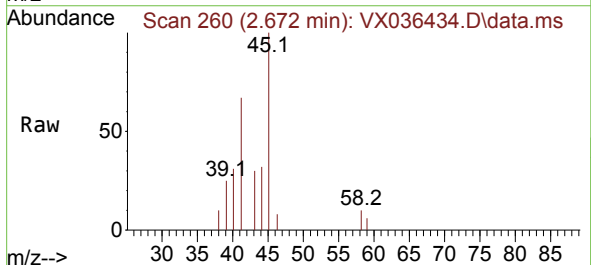
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-06-G

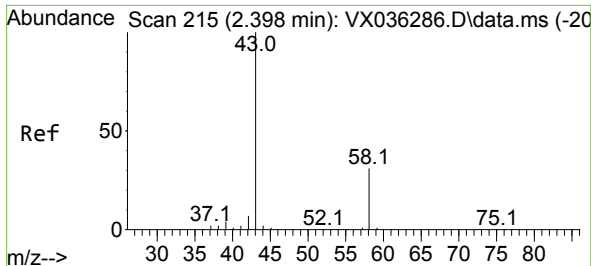
Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 272.5 57.1 85.7#



#14
Allyl chloride
Concen: 0.689 ug/l
RT: 2.672 min Scan# 260
Delta R.T. 0.006 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 41 Resp: 2098
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
76 0.0 24.3 36.5#

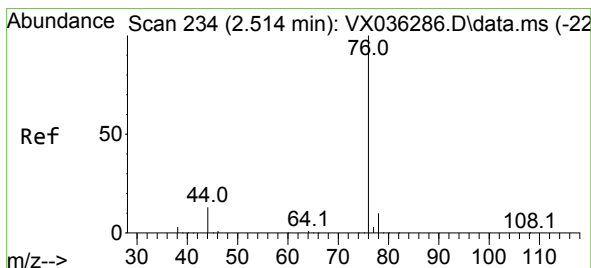
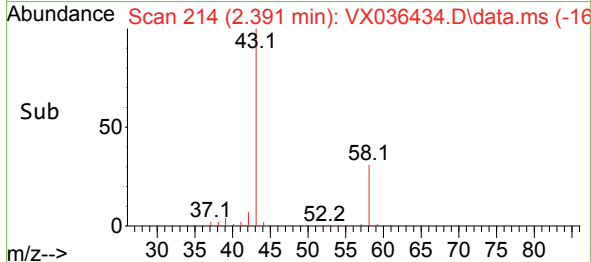
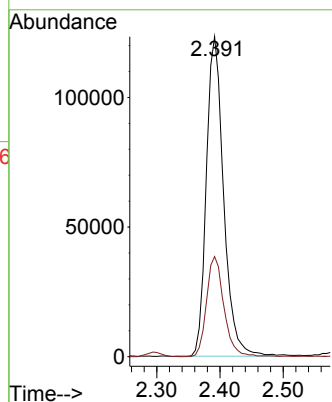
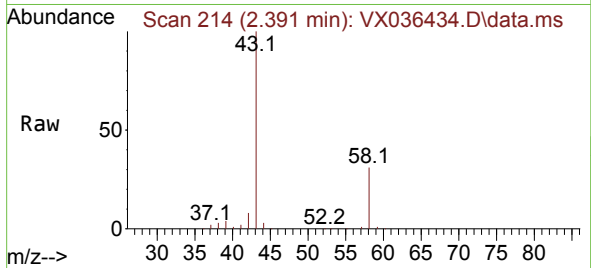




#16
Acetone
Concen: 232.401 ug/l
RT: 2.391 min Scan# 215
Delta R.T. -0.013 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

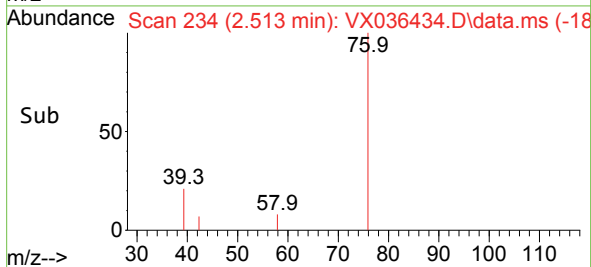
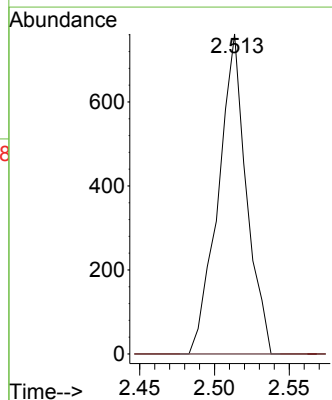
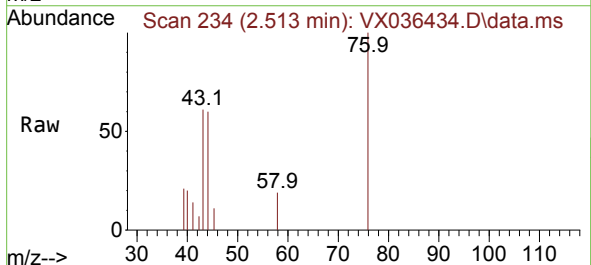
Instrument :
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ClientSampleId :
WC-WWS-06-G

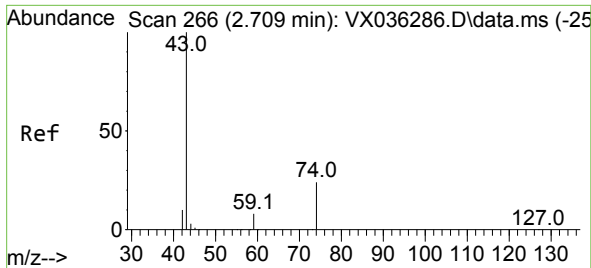
Tgt Ion: 43 Resp: 234725
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9



#17
Carbon Disulfide
Concen: 0.217 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 76 Resp: 999
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

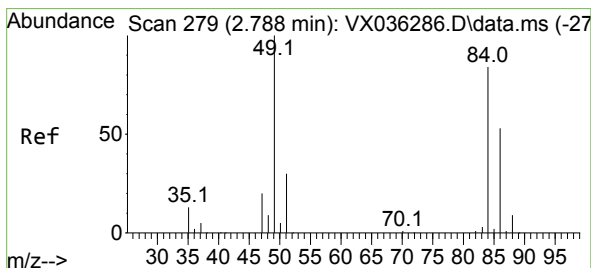
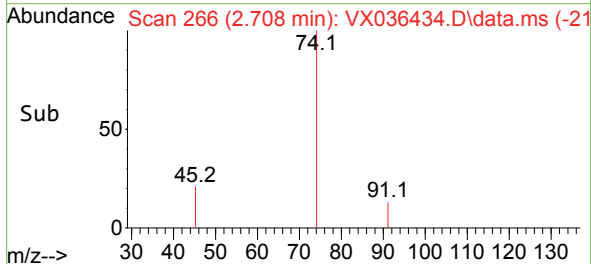
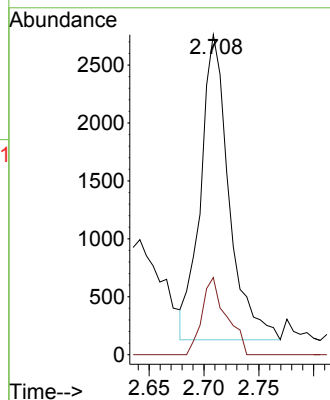
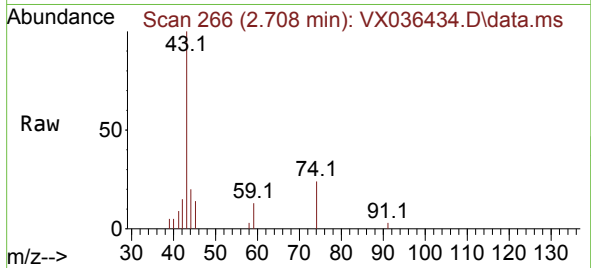




#18
Methyl Acetate
Concen: 1.142 ug/l
RT: 2.708 min Scan# 20
Delta R.T. -0.001 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

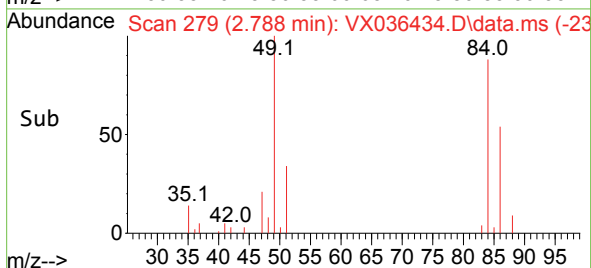
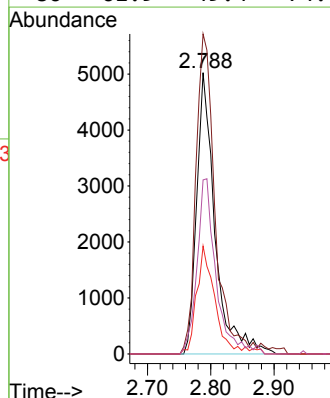
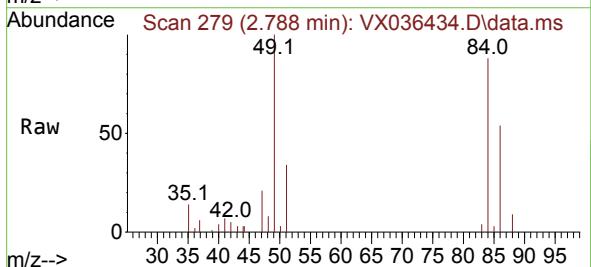
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-06-G

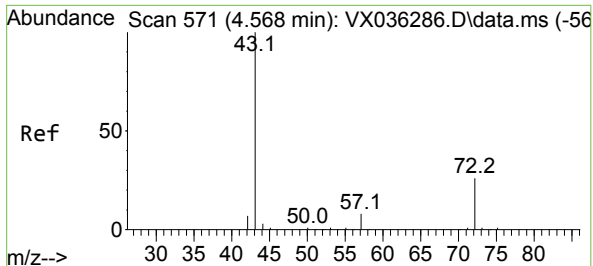
Tgt Ion: 43 Resp: 4745
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.8



#20
Methylene Chloride
Concen: 4.679 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 84 Resp: 10176
Ion Ratio Lower Upper
84 100
49 113.8 103.6 155.4
51 38.3 33.8 50.6
86 61.9 49.4 74.0

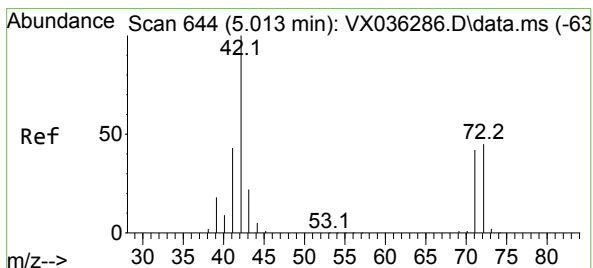
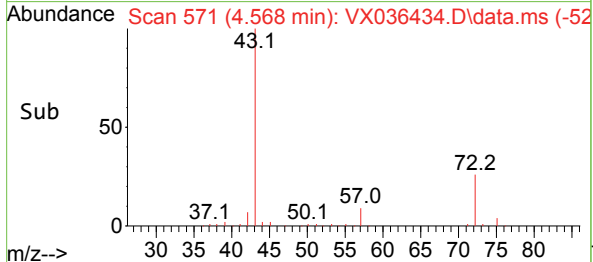
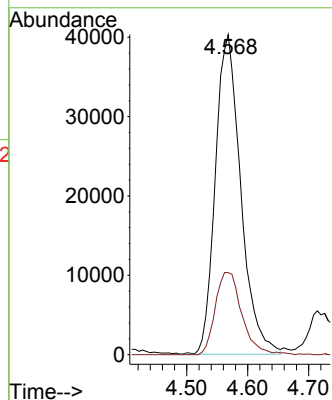
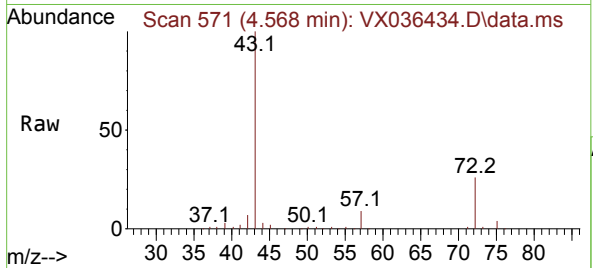




#25
2-Butanone
Concen: 80.374 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

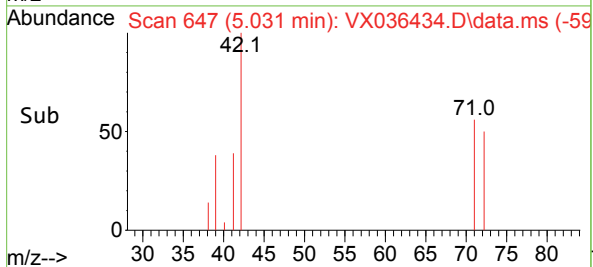
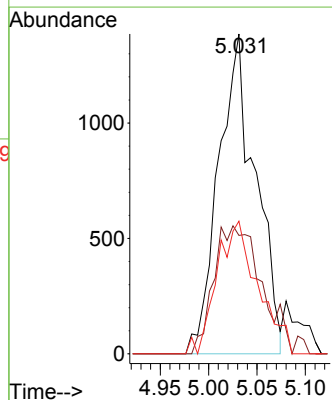
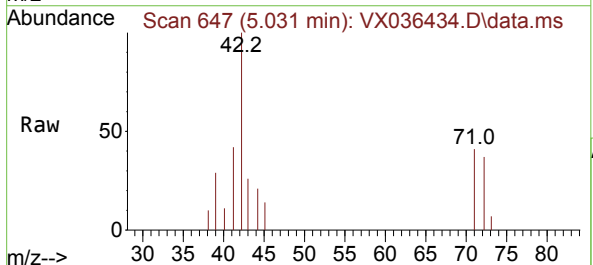
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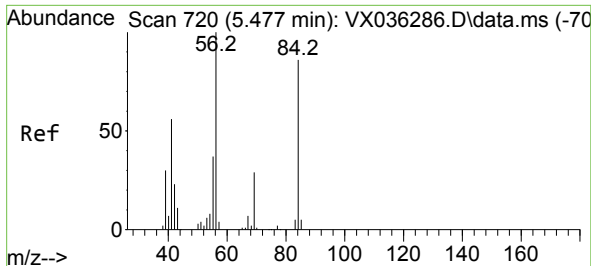
Tgt Ion: 43 Resp: 116636
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2



#29
Tetrahydrofuran
Concen: 3.979 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.012 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 42 Resp: 3676
Ion Ratio Lower Upper
42 100
72 51.6 34.2 51.4#
71 46.1 32.2 48.2

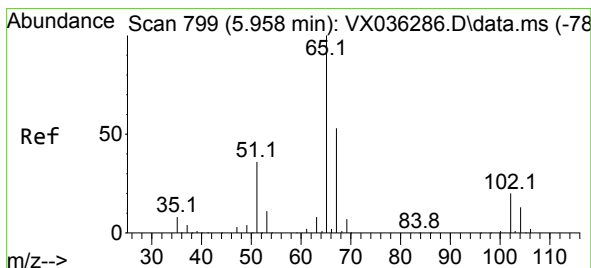
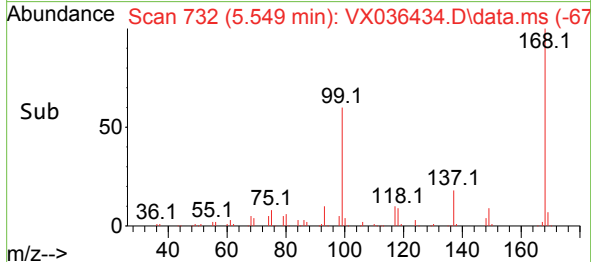
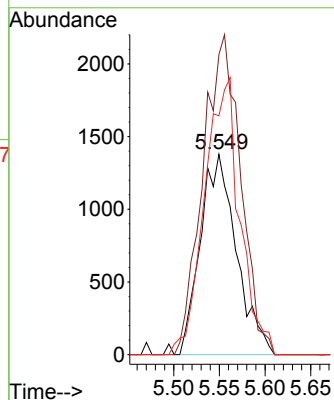
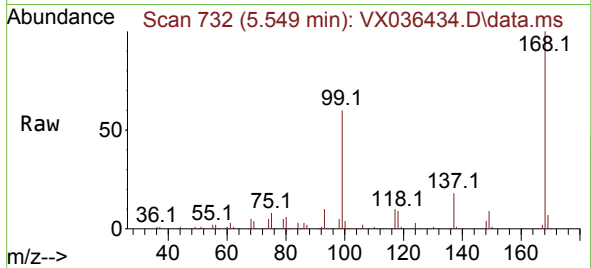




#31
Cyclohexane
Concen: 1.245 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

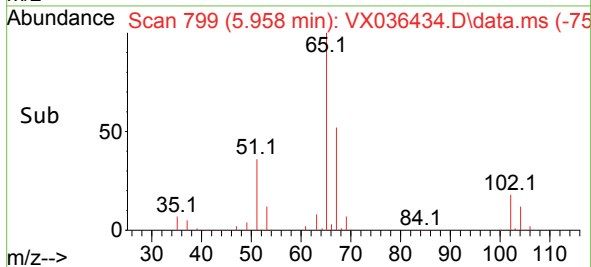
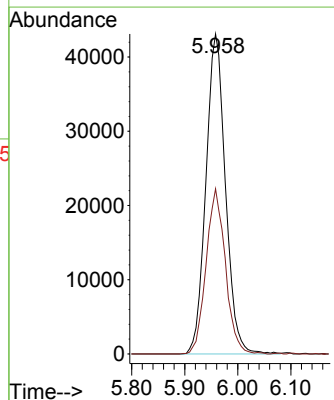
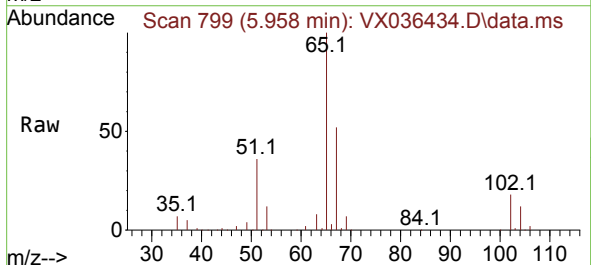
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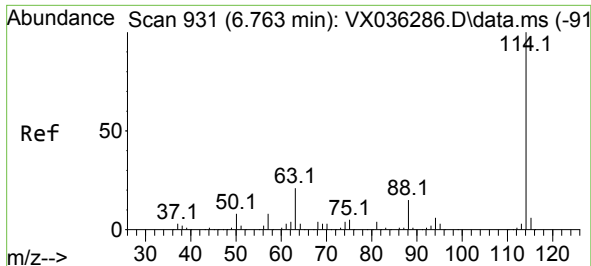
Tgt Ion: 56 Resp: 3770
Ion Ratio Lower Upper
56 100
69 149.8 23.4 35.2#
84 119.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.670 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 65 Resp: 110279
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

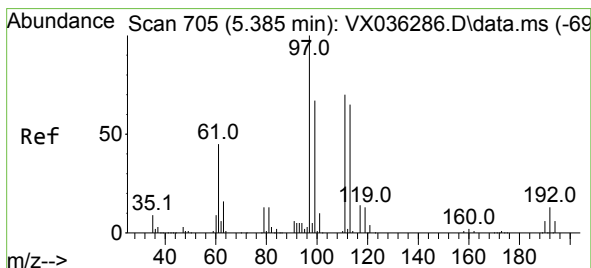
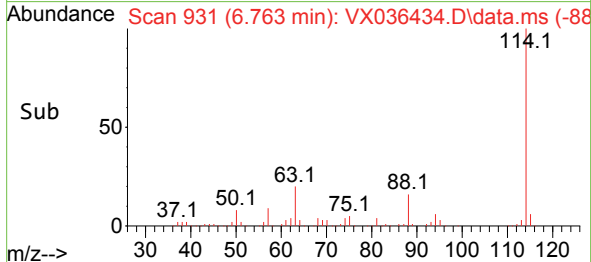
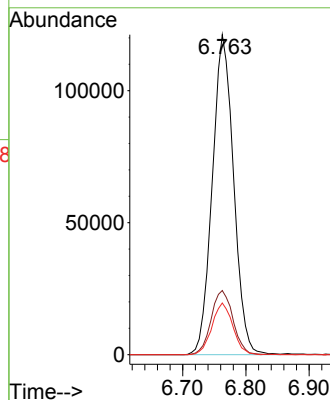
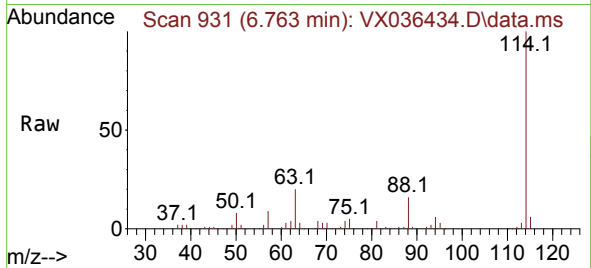




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

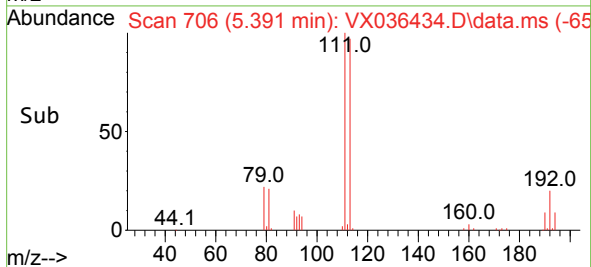
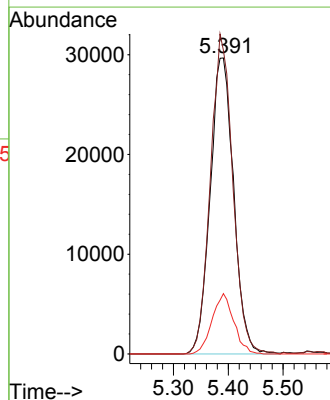
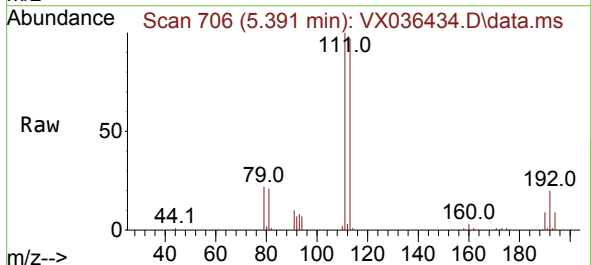
Instrument :
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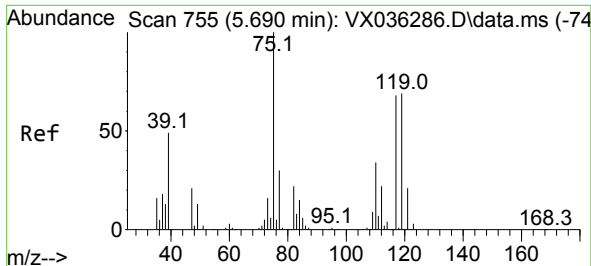
Tgt Ion:114 Resp: 283047
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.230 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion:113 Resp: 88147
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.9 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.015 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.147 min

Lab File: VX036434.D

Acq: 06 Jul 2023 14:41

Instrument :

MSVOA_X

ClientSampleId :

WC-WWS-06-G

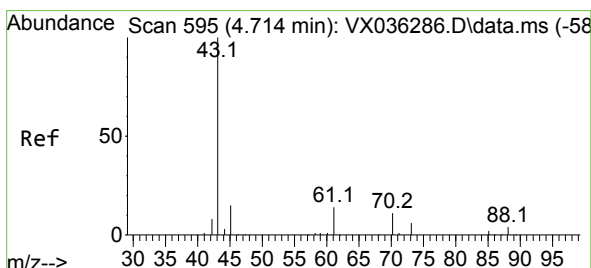
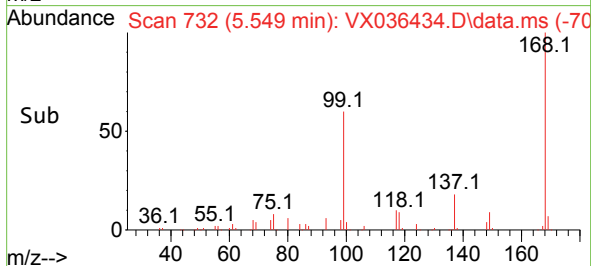
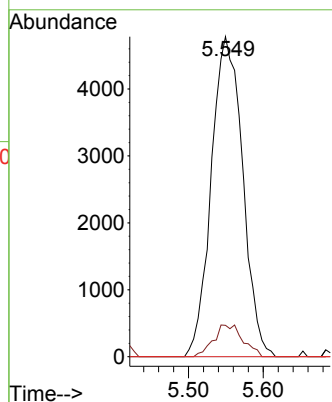
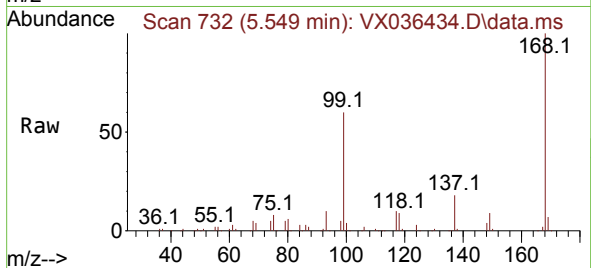
Tgt Ion: 75 Resp: 13951

Ion Ratio Lower Upper

75 100

110 9.3 17.0 50.9#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 5.690 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036434.D

Acq: 06 Jul 2023 14:41

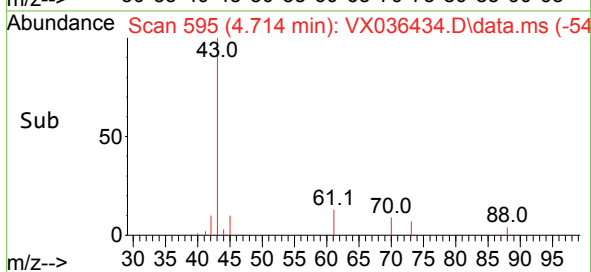
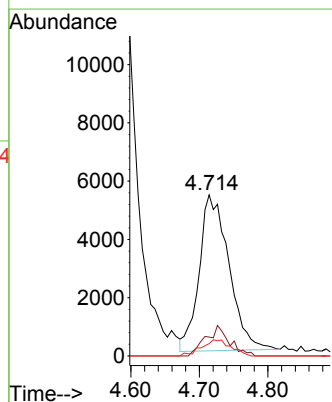
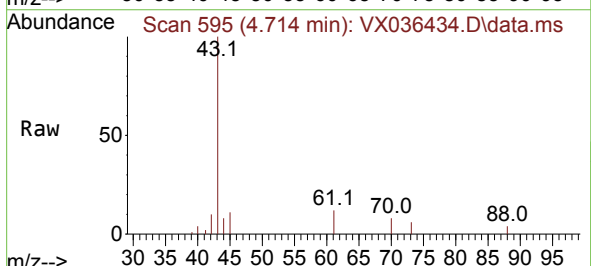
Tgt Ion: 43 Resp: 16134

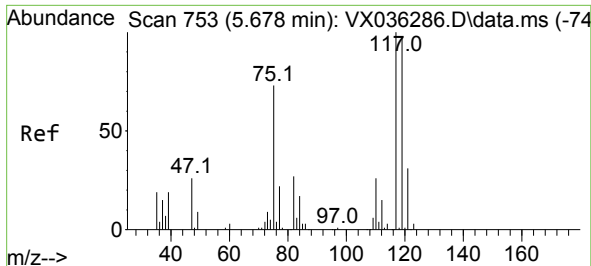
Ion Ratio Lower Upper

43 100

61 15.6 10.6 16.0

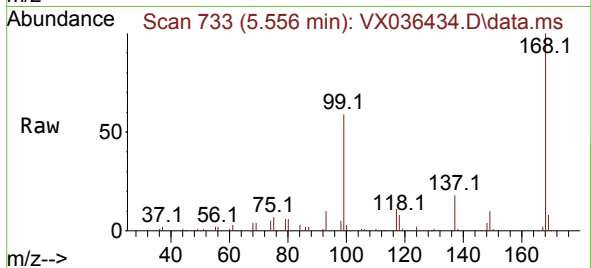
70 10.3 8.3 12.5



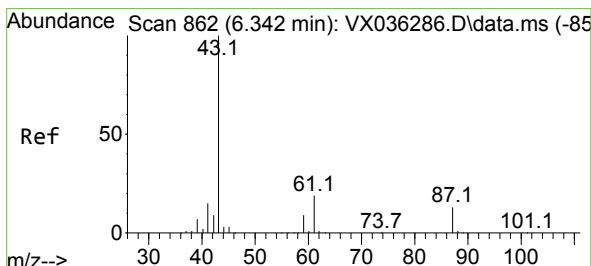
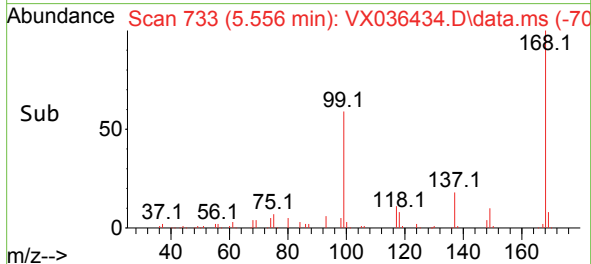
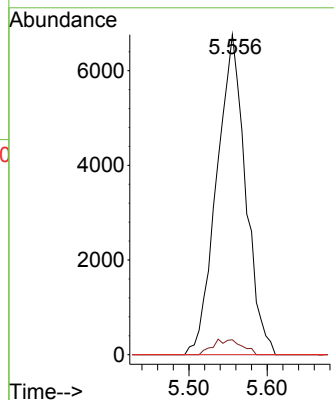


#38
Carbon Tetrachloride
Concen: 6.818 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-06-G

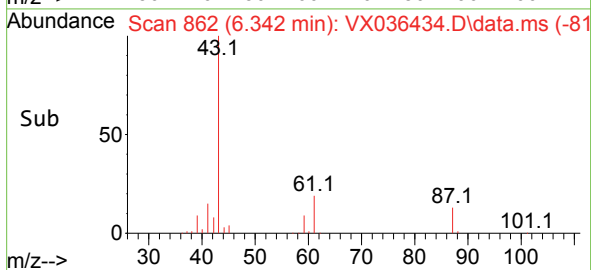
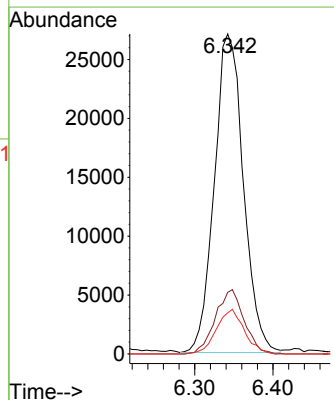
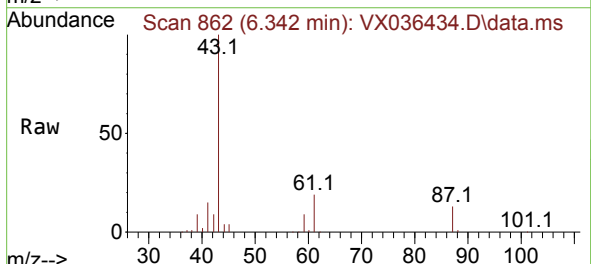


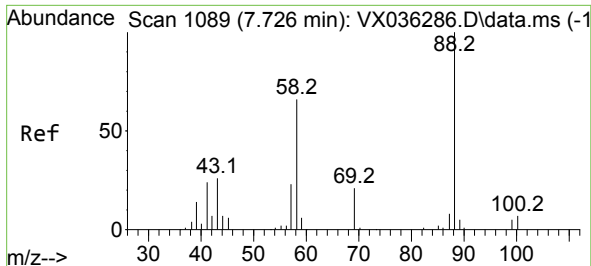
Tgt Ion:117 Resp: 17323
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 15.389 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 43 Resp: 69609
Ion Ratio Lower Upper
43 100
61 20.0 15.2 22.8
87 13.4 9.8 14.6

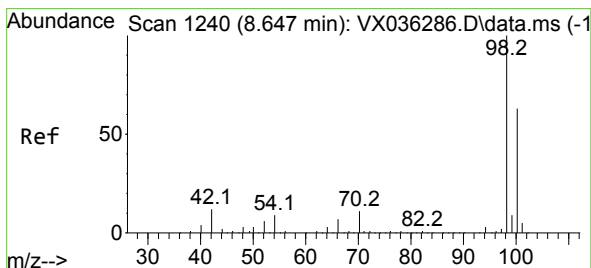
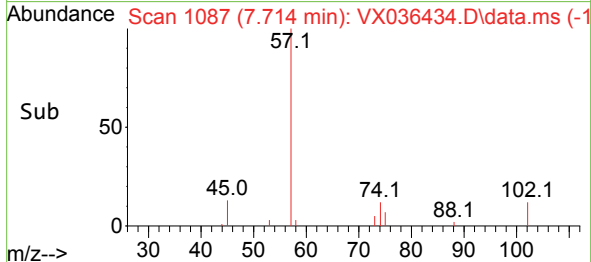
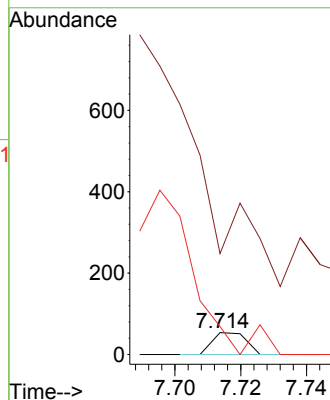
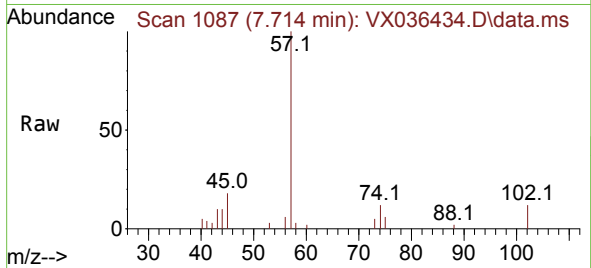




#49
1,4-Dioxane
Concen: 0.760 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. -0.018 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

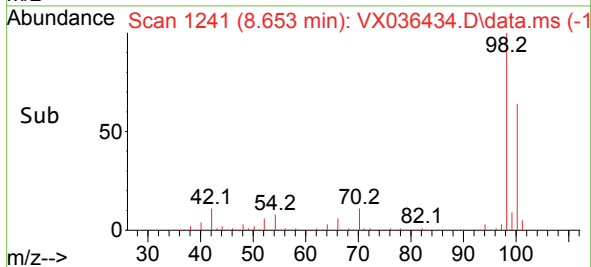
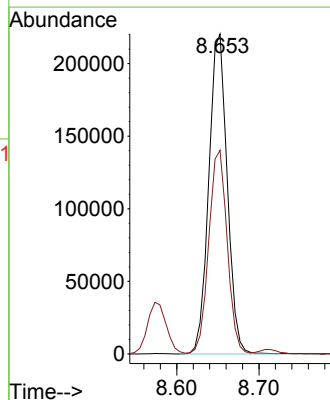
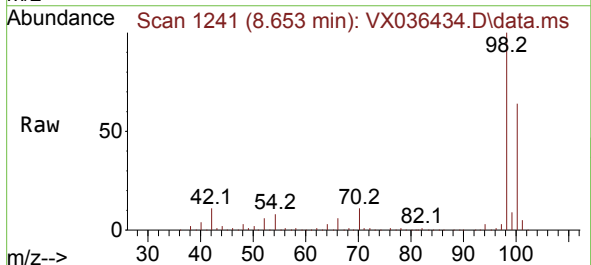
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-06-G

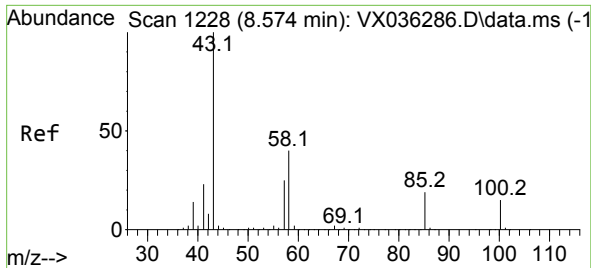
Tgt Ion: 88 Resp: 38
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 1431.6 60.1 90.1#



#50
Toluene-d8
Concen: 49.144 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 98 Resp: 342571
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

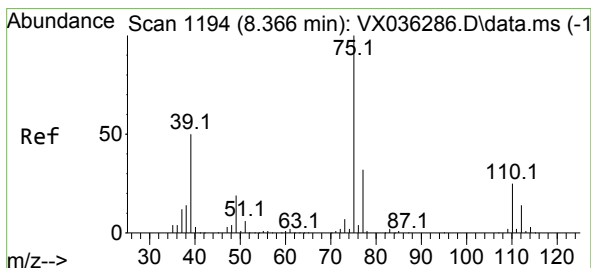
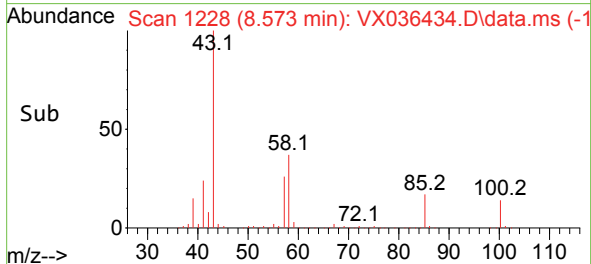
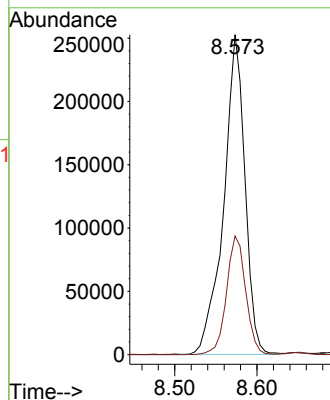
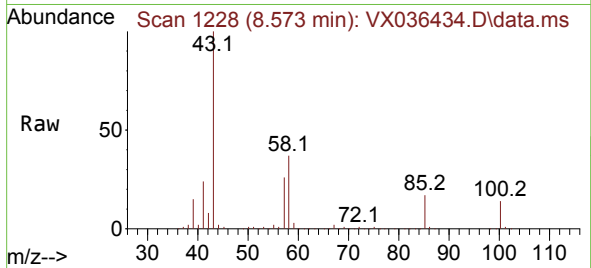




#51
4-Methyl-2-Pentanone
Concen: 155.756 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

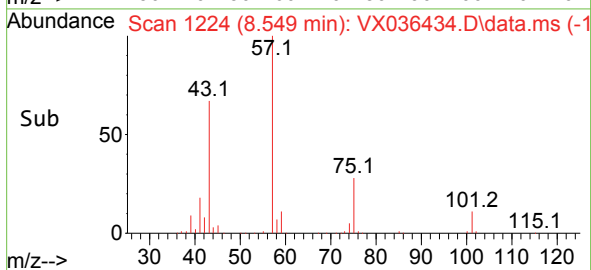
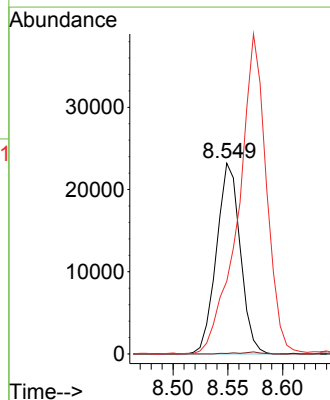
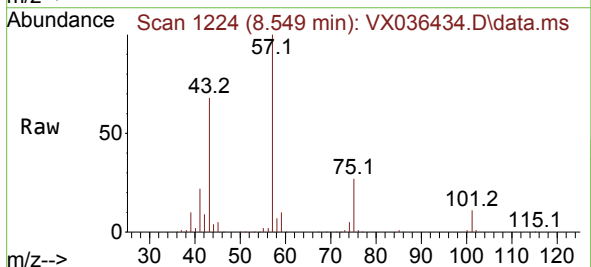
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-06-G

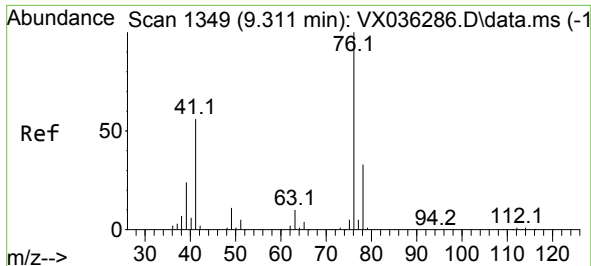
Tgt Ion: 43 Resp: 453908
Ion Ratio Lower Upper
43 100
58 33.6 30.4 45.6



#54
cis-1,3-Dichloropropene
Concen: 11.387 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 75 Resp: 35034
Ion Ratio Lower Upper
75 100
77 0.3 25.3 37.9#
39 38.1 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 0.224 ug/l

RT: 9.476 min Scan# 11

Delta R.T. 0.171 min

Lab File: VX036434.D

Acq: 06 Jul 2023 14:41

Instrument :

MSVOA_X

ClientSampleId :

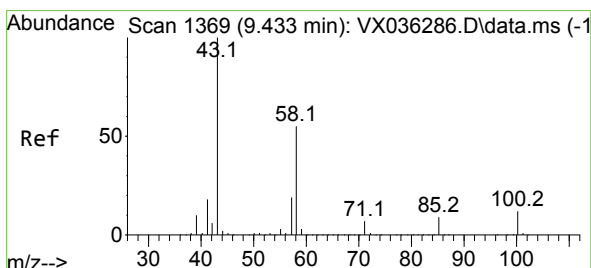
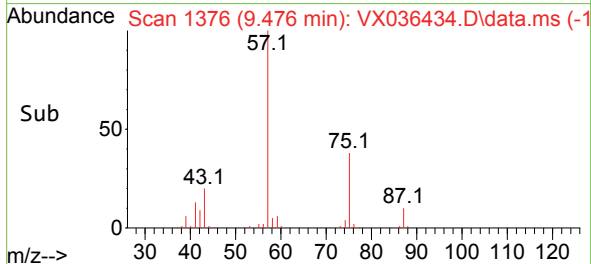
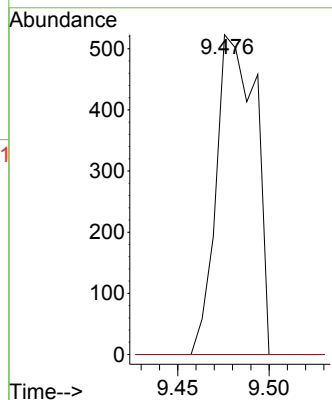
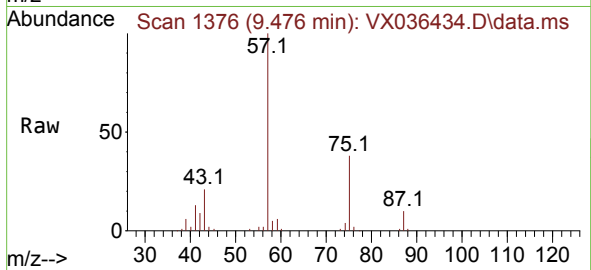
WC-WWS-06-G

Tgt Ion: 76 Resp: 785

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 4.905 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX036434.D

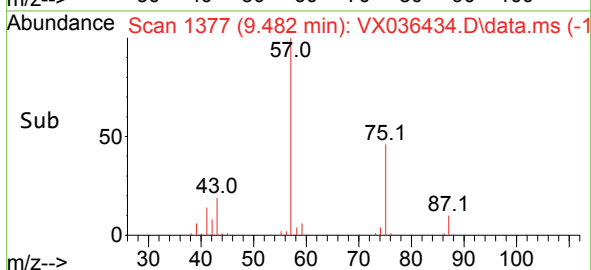
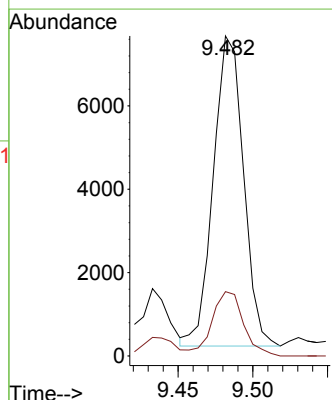
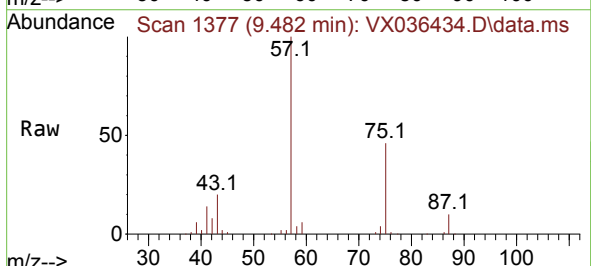
Acq: 06 Jul 2023 14:41

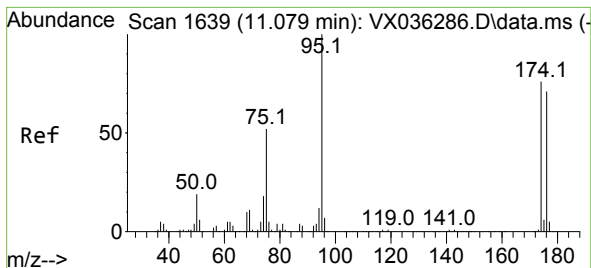
Tgt Ion: 43 Resp: 10438

Ion Ratio Lower Upper

43 100

58 21.4 26.2 78.5#

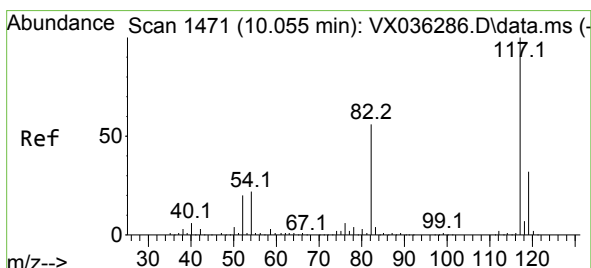
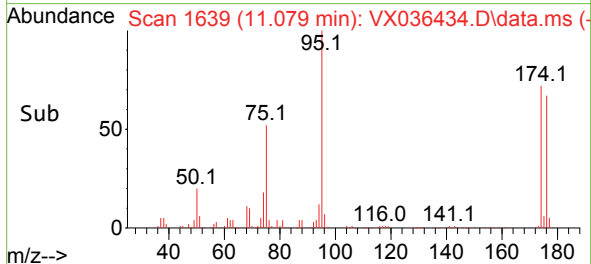
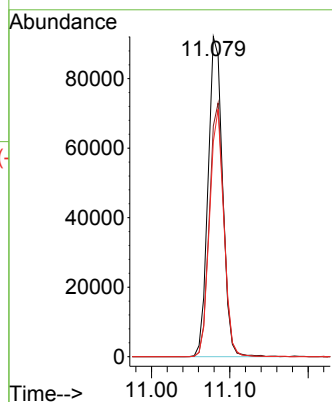
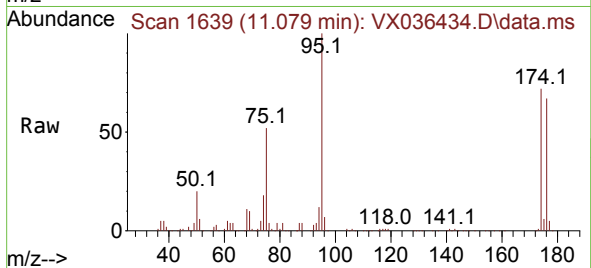




#62
4-Bromofluorobenzene
Concen: 48.021 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

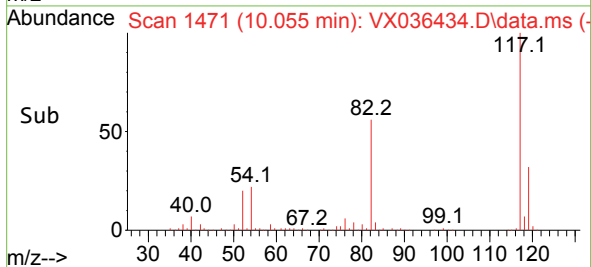
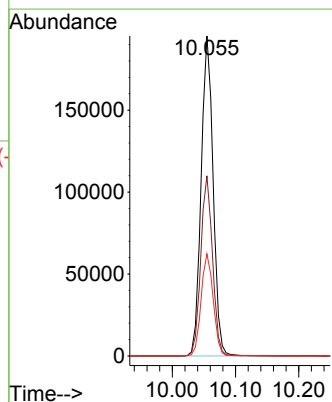
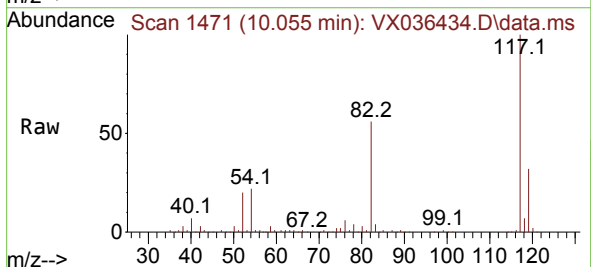
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-06-G

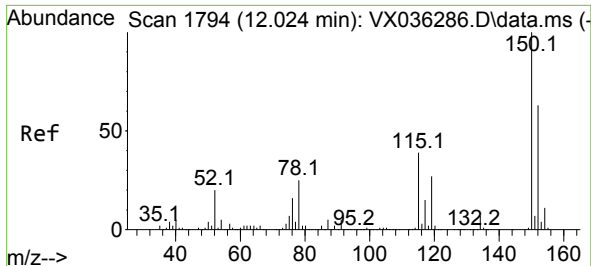
Tgt Ion: 95 Resp: 117908
Ion Ratio Lower Upper
95 100
174 79.2 0.0 135.6
176 76.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 117 Resp: 257604
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 31.9 25.5 38.3

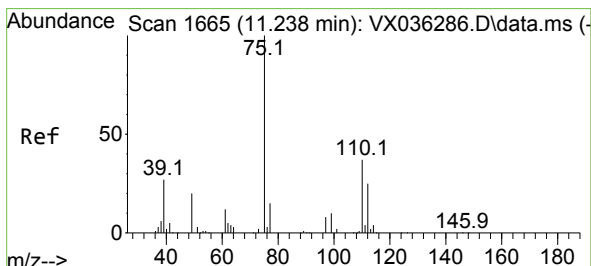
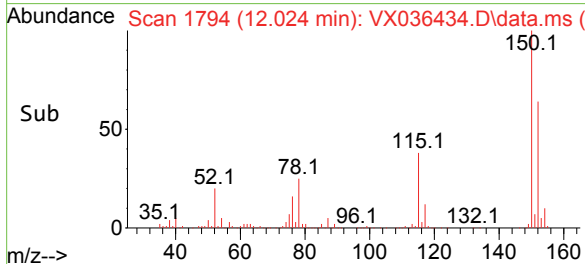
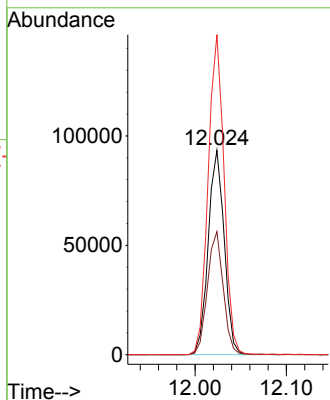
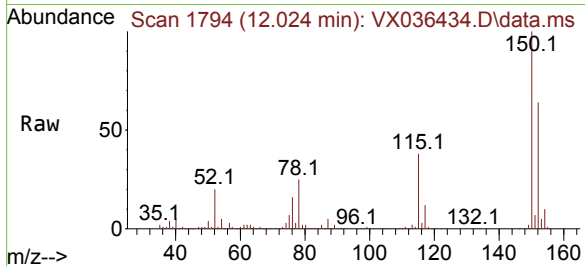




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036434.D
 Acq: 06 Jul 2023 14:41

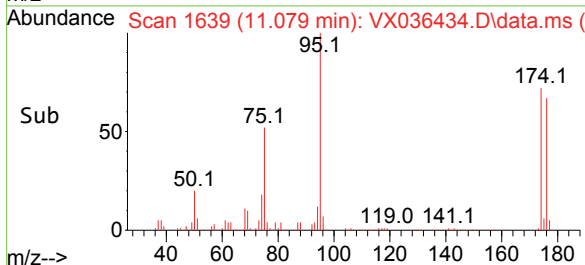
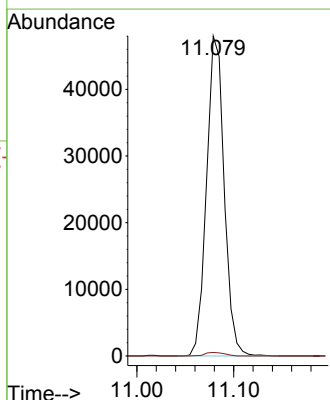
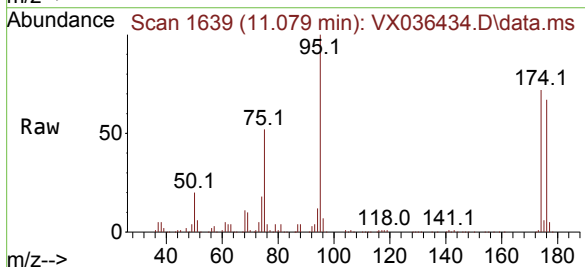
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-06-G

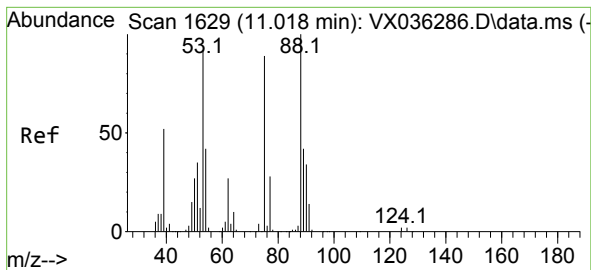
Tgt Ion:152 Resp: 113480
 Ion Ratio Lower Upper
 152 100
 115 59.2 43.3 129.9
 150 155.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.091 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036434.D
 Acq: 06 Jul 2023 14:41

Tgt Ion: 75 Resp: 60734
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.790 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036434.D
 Acq: 06 Jul 2023 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-06-G

Tgt Ion: 75 Resp: 60734
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

