

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009196.D
 Acq On : 16 Jun 2022 12:23
 Operator : KP/MD
 Sample : N3334-09
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14A-1A-8

Quant Time: Jun 16 15:41:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	7634	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	12896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	10287	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5804	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4075	51.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.200%
35) Dibromofluoromethane	7.715	113	1782	22.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.080%#
50) Toluene-d8	10.178	98	18135	58.922	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.840%
62) 4-Bromofluorobenzene	12.477	95	10872	99.405	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	198.800%#
Target Compounds						Qvalue
3) Chloromethane	2.107	50	480	6.704	ug/l	# 44
4) Vinyl Chloride	2.222	62	90	1.198	ug/l	# 43
5) Bromomethane	2.655	94	444	8.410	ug/l	# 75
6) Chloroethane	2.783	64	116	2.467	ug/l	# 43
10) Methyl Iodide	4.094	142	636	6.745	ug/l	# 87
16) Acetone	3.917	43	404	20.112	ug/l	# 47
17) Carbon Disulfide	4.198	76	479	2.278	ug/l	# 75
18) Methyl Acetate	4.478	43	24	Below Cal	#	56
20) Methylene Chloride	4.704	84	624	4.270	ug/l	# 63
25) 2-Butanone	6.990	43	218	6.858	ug/l	# 54
29) Tetrahydrofuran	7.276	42	42	1.990	ug/l	# 38
31) Cyclohexane	7.770	56	4439	31.075	ug/l	# 83
36) 1,1-Dichloropropene	7.782	75	725	5.829	ug/l	# 46
38) Carbon Tetrachloride	7.782	117	788	6.127	ug/l	# 11
39) Methylcyclohexane	9.179	83	26719	178.193	ug/l	# 96
43) Isopropyl Acetate	8.258	43	1008	7.364	ug/l	# 56
45) 1,2-Dichloropropane	9.166	63	163	1.771	ug/l	# 91
47) Bromodichloromethane	9.459	83	406	3.217	ug/l	# 24
48) Methyl methacrylate	9.240	41	1684	27.561	ug/l	# 38
51) 4-Methyl-2-Pentanone	10.172	43	2347	32.594	ug/l	# 52
52) Toluene	10.245	92	1077	4.644	ug/l	# 67
55) 1,1,2-Trichloroethane	10.611	97	10820	144.380	ug/l	# 18
56) Ethyl methacrylate	10.520	69	4651	45.781	ug/l	# 2
59) 2-Hexanone	10.800	43	27234	551.310	ug/l	# 33
60) Dibromochloromethane	10.788	129	174	1.896	ug/l	# 11
61) 1,2-Dibromoethane	11.081	107	143	1.958	ug/l	# 1
65) Chlorobenzene	11.520	112	243	1.090	ug/l	# 42
67) Ethyl Benzene	11.593	91	18905	48.617	ug/l	# 95
68) m/p-Xylenes	11.703	106	15309	99.860	ug/l	# 100
69) o-Xylene	12.026	106	33355	229.632	ug/l	# 95
70) Styrene	12.026	104	1858	7.625	ug/l	# 1
73) Isopropylbenzene	12.324	105	28984	66.351	ug/l	# 98
74) N-amyl acetate	12.123	43	70014	574.582	ug/l	# 61
75) 1,1,2,2-Tetrachloroethane	12.550	83	7968	92.160	ug/l	# 26
76) 1,2,3-Trichloropropane	12.666	75	443	6.913	ug/l	# 100
77) Bromobenzene	12.458	156	432	4.025	ug/l	# 57

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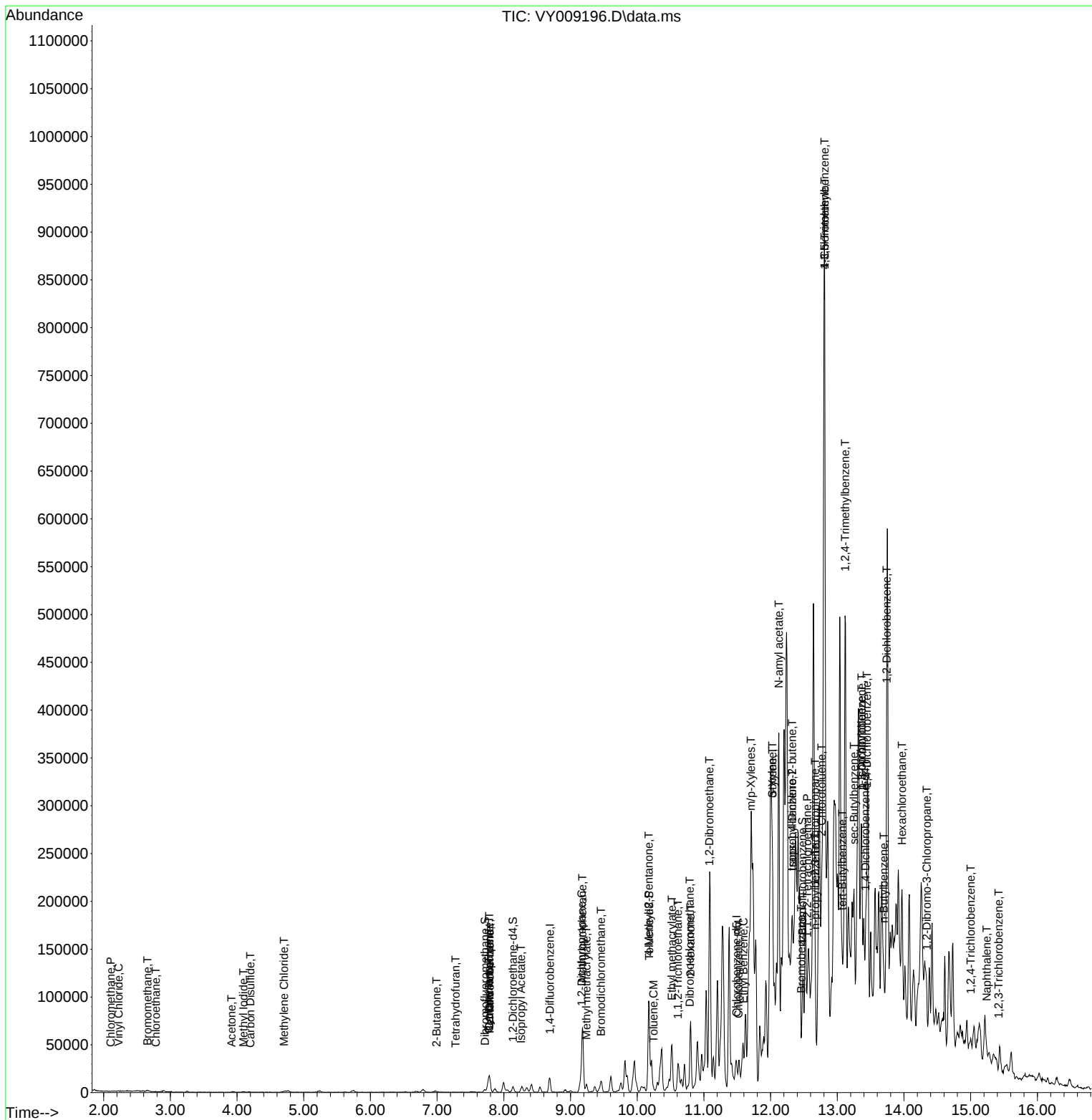
Quant Time: Jun 16 15:41:33 2022
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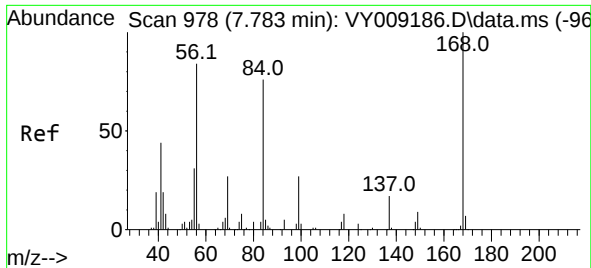
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	12.672	91	49076	92.851	ug/l	98
79) 2-Chlorotoluene	12.763	91	7684	25.803	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.812	105	127969	350.491	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.324	75	416	12.936	ug/l #	1
82) 4-Chlorotoluene	12.812	91	16566	53.313	ug/l #	62
83) tert-Butylbenzene	13.074	119	3405	10.607	ug/l	86
84) 1,2,4-Trimethylbenzene	13.117	105	200224	558.704	ug/l	96
85) sec-Butylbenzene	13.251	105	33172	69.786	ug/l #	74
86) p-Isopropyltoluene	13.367	119	33225	84.231	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	308	1.488	ug/l #	65
88) 1,4-Dichlorobenzene	13.446	146	581	2.765	ug/l #	1
89) n-Butylbenzene	13.696	91	15750	42.225	ug/l #	72
90) Hexachloroethane	13.970	117	3871	52.044	ug/l #	6
91) 1,2-Dichlorobenzene	13.739	146	1358	7.255	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.342	75	340	21.795	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.001	180	519	4.410	ug/l #	1
95) Naphthalene	15.238	128	13691	55.775	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.421	180	252	2.433	ug/l #	1

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

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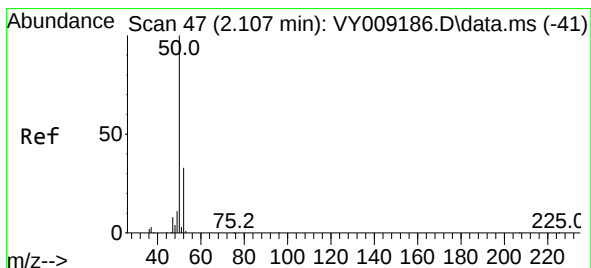
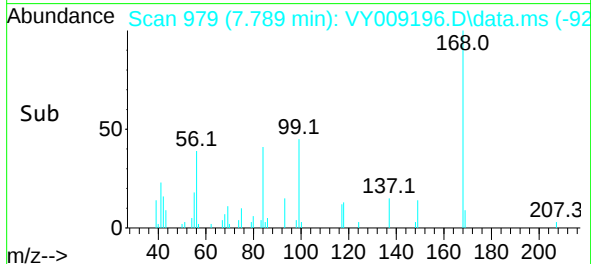
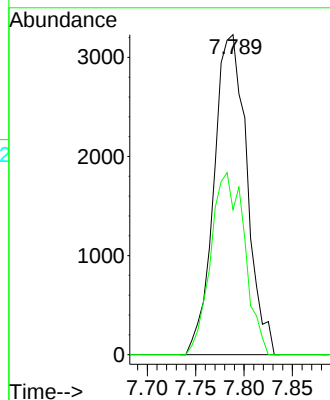
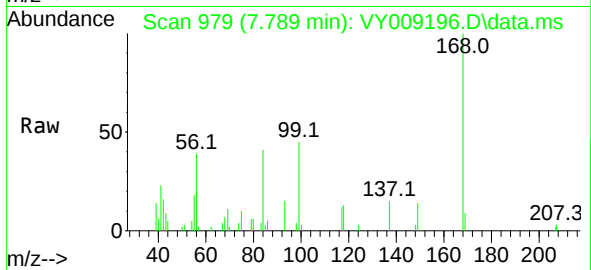




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

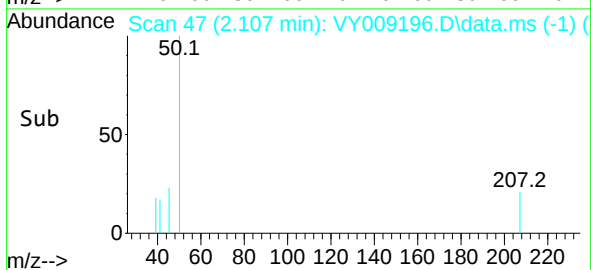
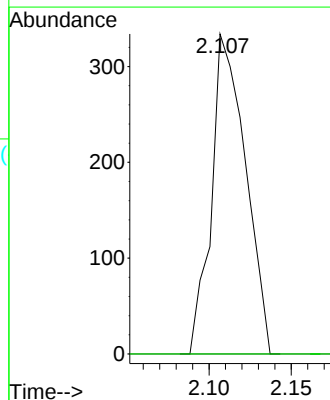
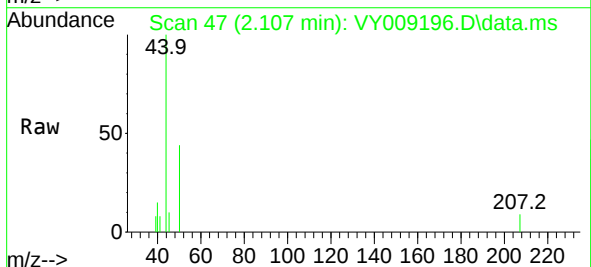
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

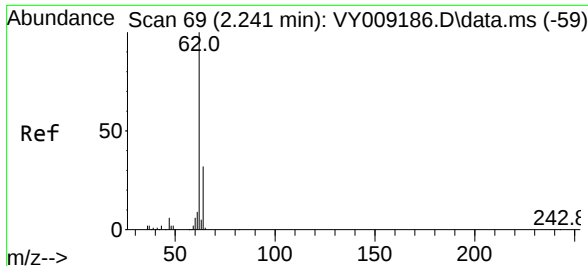
Tgt Ion:168 Resp: 7634
Ion Ratio Lower Upper
168 100
99 45.3 46.9 70.3#



#3
Chloromethane
Concen: 6.704 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 50 Resp: 480
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

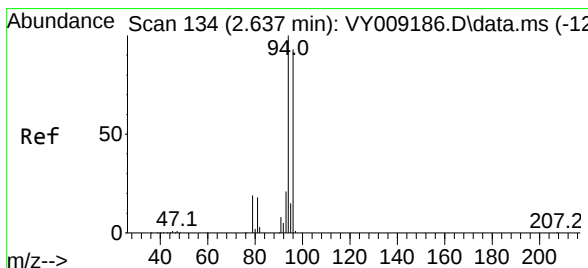
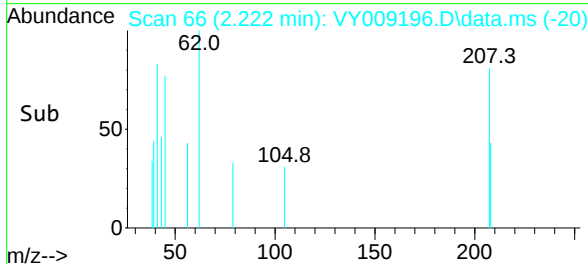
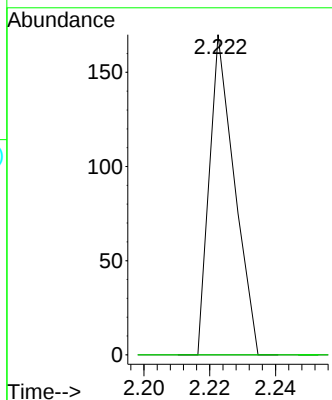
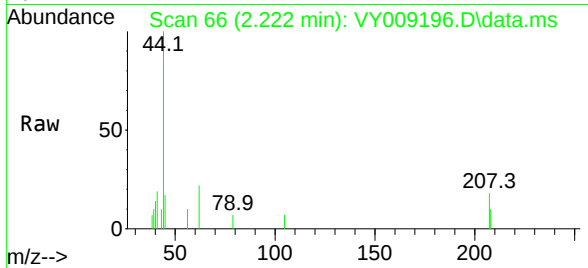




#4
 Vinyl Chloride
 Concen: 1.198 ug/l
 RT: 2.222 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VY009196.D
 Acq: 16 Jun 2022 12:23

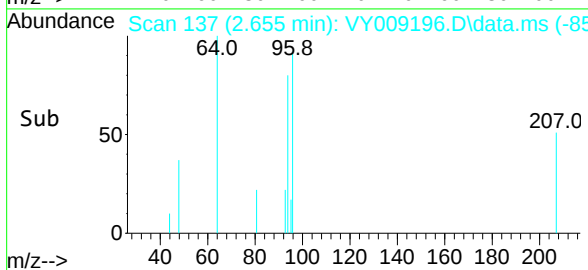
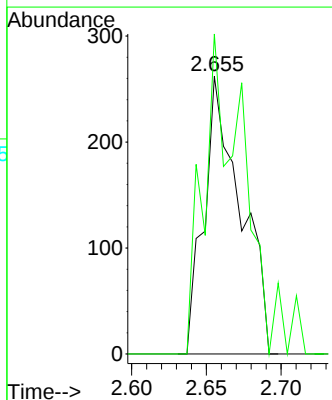
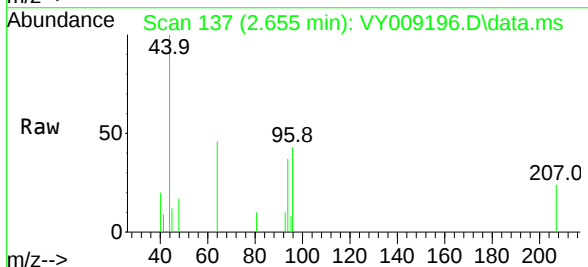
Instrument :
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 ClientSampleId :
 WC-14A-1A-8

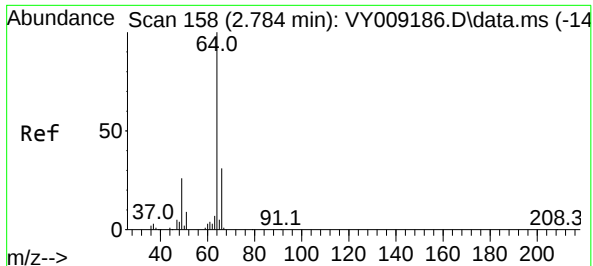
Tgt Ion: 62 Resp: 90
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: 8.410 ug/l
 RT: 2.655 min Scan# 137
 Delta R.T. 0.018 min
 Lab File: VY009196.D
 Acq: 16 Jun 2022 12:23

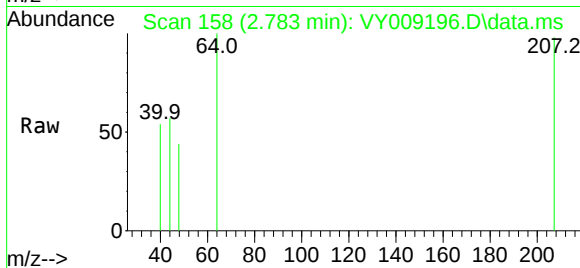
Tgt Ion: 94 Resp: 444
 Ion Ratio Lower Upper
 94 100
 96 115.3 73.5 110.3#



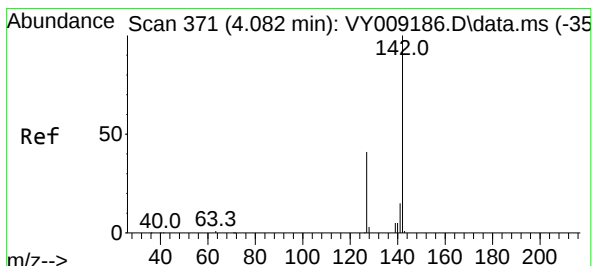
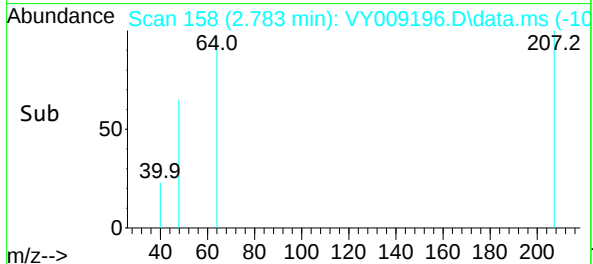
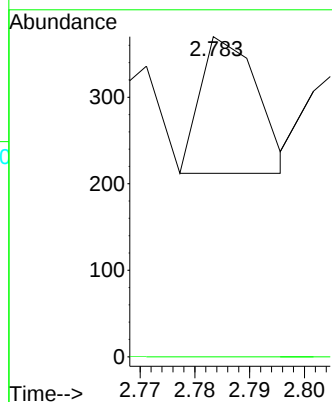


#6
Chloroethane
Concen: 2.467 ug/l
RT: 2.783 min Scan# 116
Delta R.T. -0.000 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

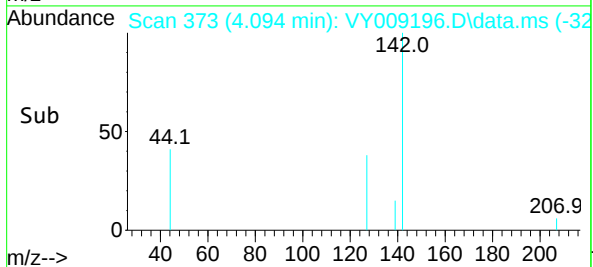
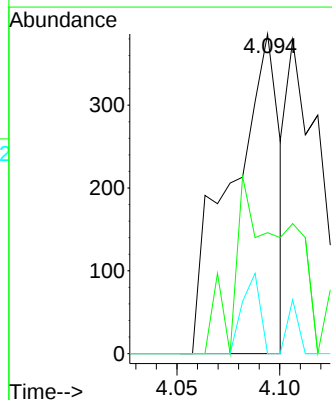
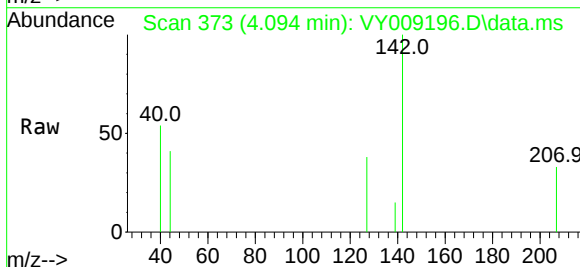


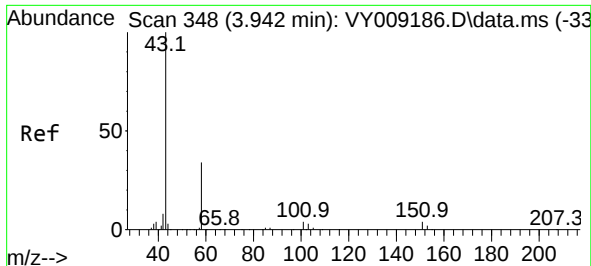
Tgt Ion: 64 Resp: 116
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 6.745 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 142 Resp: 636
Ion Ratio Lower Upper
142 100
127 42.5 41.5 62.3
141 9.3 11.9 17.9#

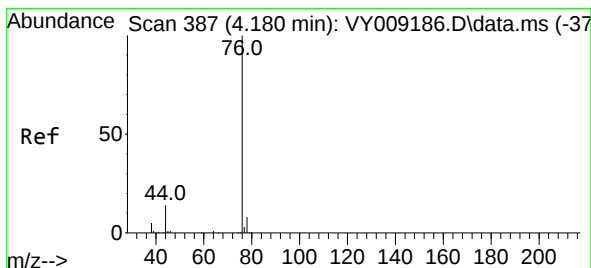
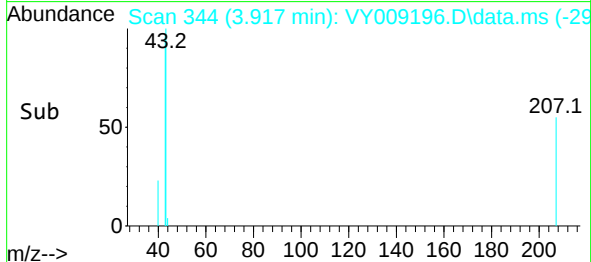
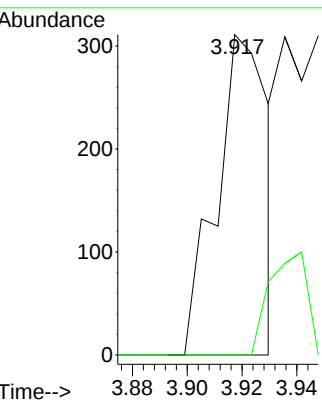
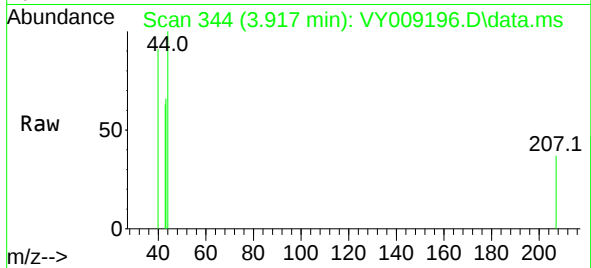




#16
Acetone
Concen: 20.112 ug/l
RT: 3.917 min Scan# 34
Delta R.T. -0.025 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

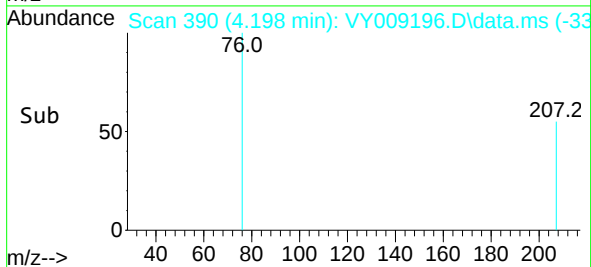
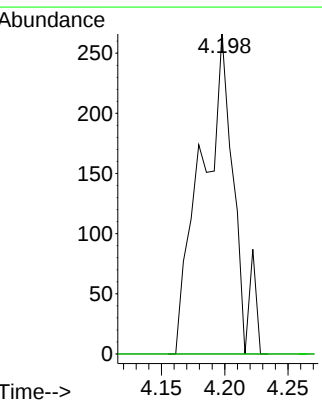
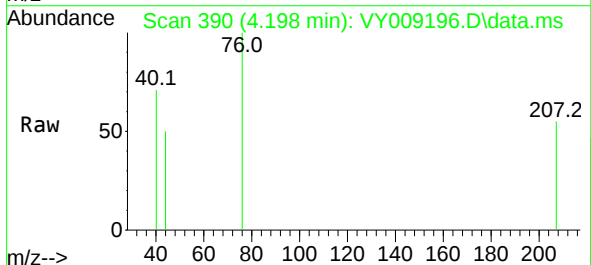
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ClientSampleId :
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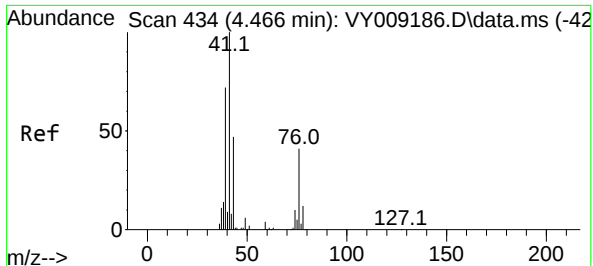
Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#17
Carbon Disulfide
Concen: 2.278 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.018 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 76 Resp: 479
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

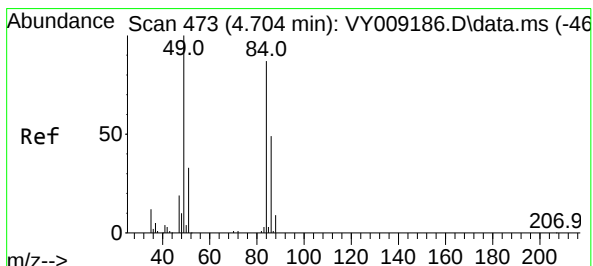
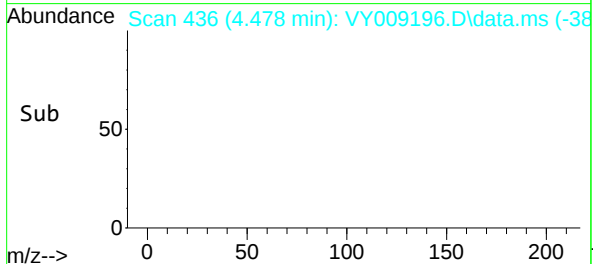
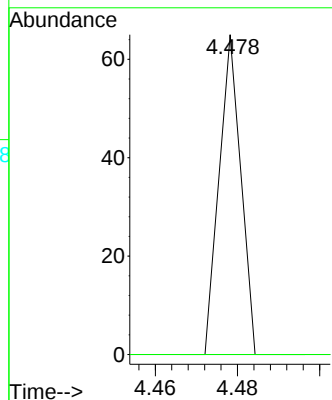
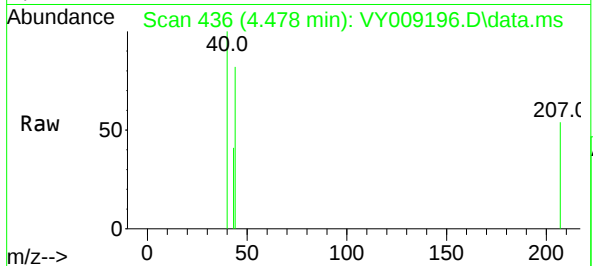




#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

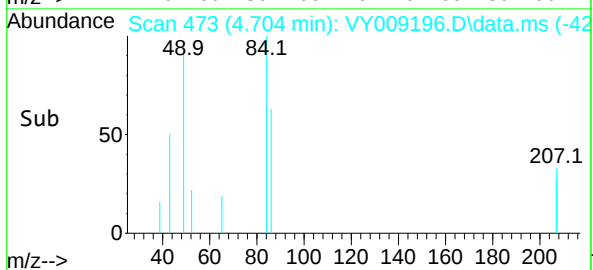
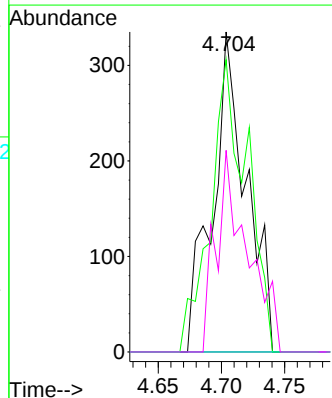
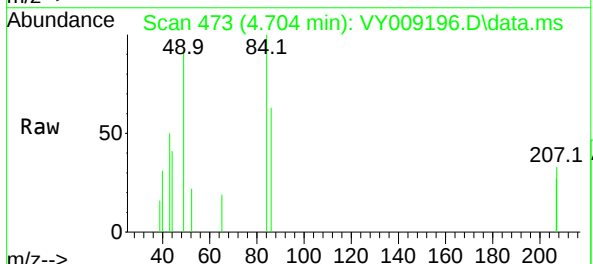
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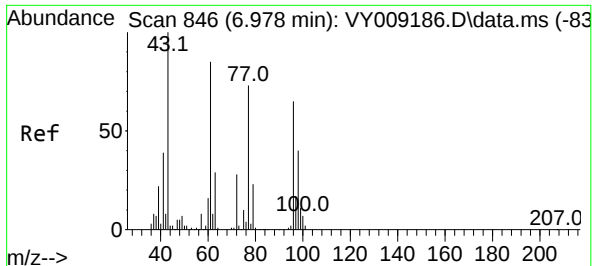
Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 4.270 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 84 Resp: 624
Ion Ratio Lower Upper
84 100
49 91.3 114.4 171.6#
51 0.0 35.3 52.9#
86 63.0 53.7 80.5





#25

2-Butanone

Concen: 6.858 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

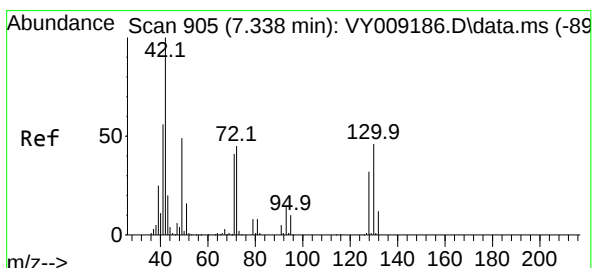
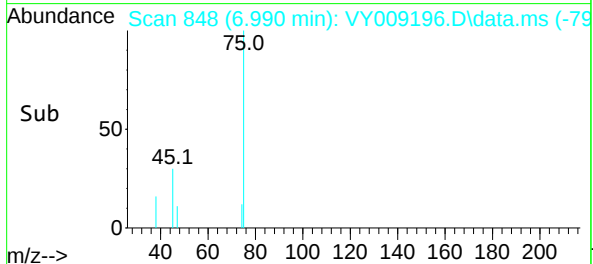
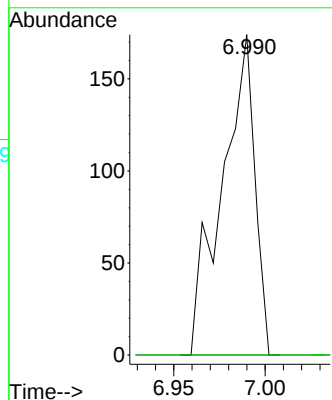
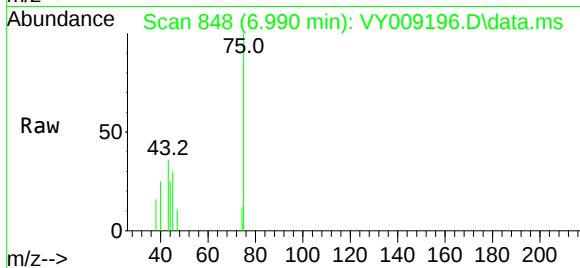
WC-14A-1A-8

Tgt Ion: 43 Resp: 218

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.990 ug/l

RT: 7.276 min Scan# 895

Delta R.T. -0.061 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

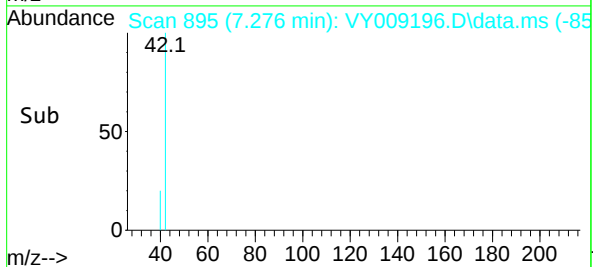
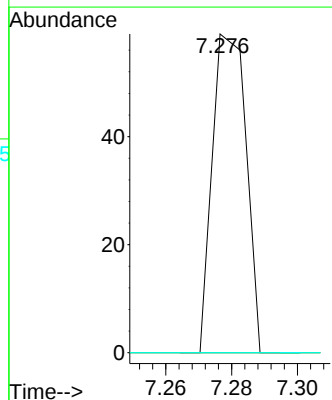
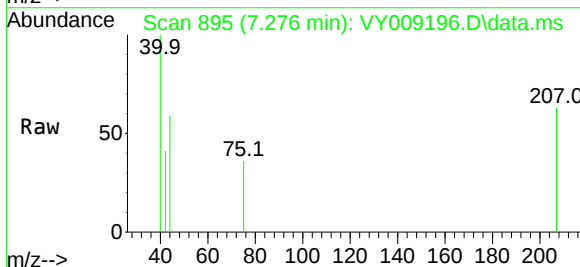
Tgt Ion: 42 Resp: 42

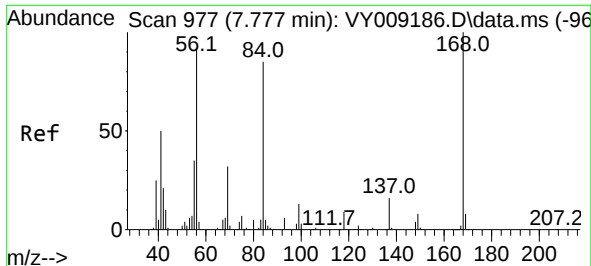
Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#

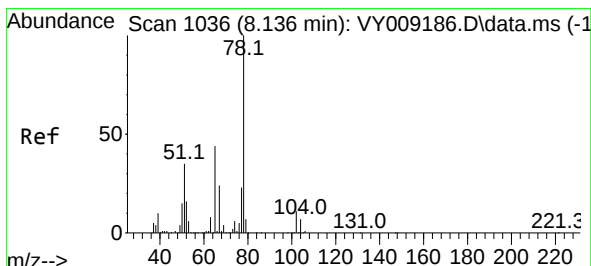
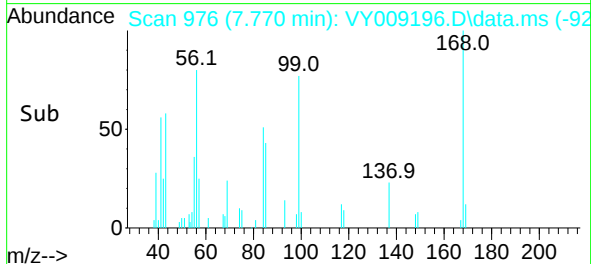
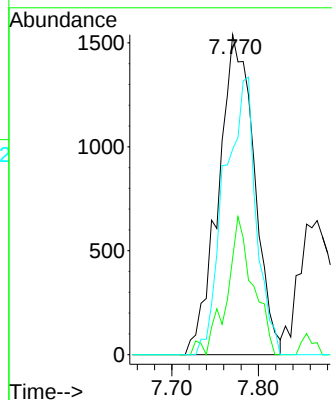
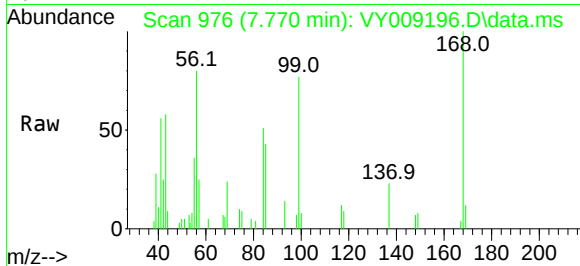




#31
Cyclohexane
Concen: 31.075 ug/l
RT: 7.770 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

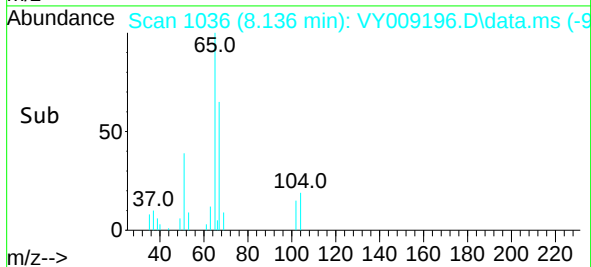
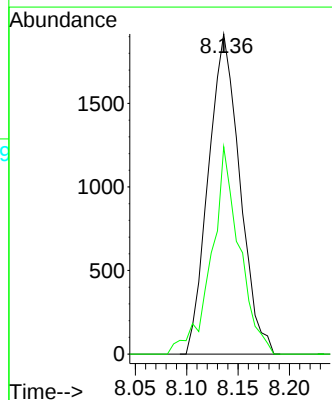
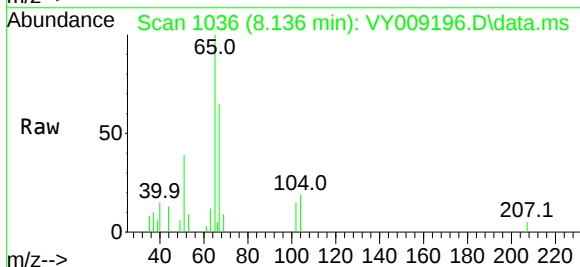
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

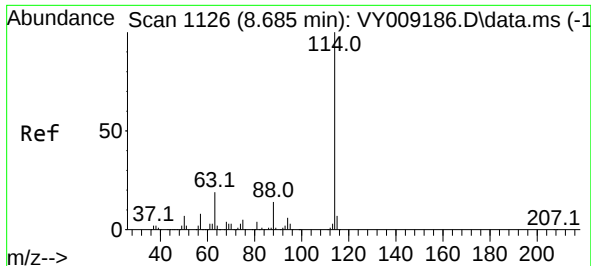
Tgt Ion: 56 Resp: 4439
Ion Ratio Lower Upper
56 100
69 30.3 26.7 40.1
84 64.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 51.101 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 65 Resp: 4075
Ion Ratio Lower Upper
65 100
67 57.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-8

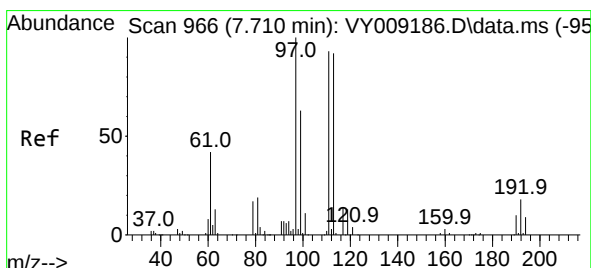
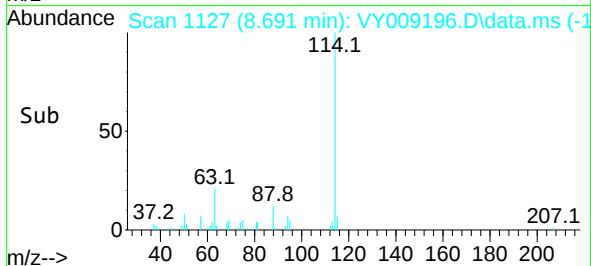
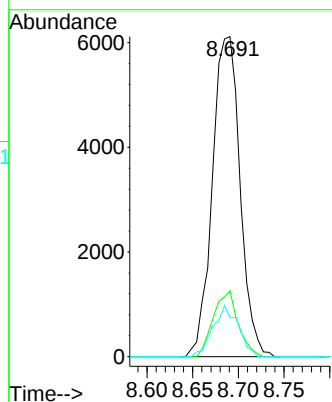
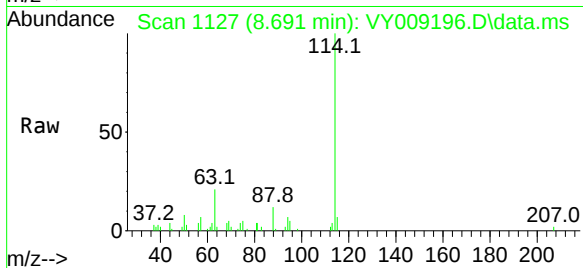
Tgt Ion:114 Resp: 12896

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 12.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 22.040 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

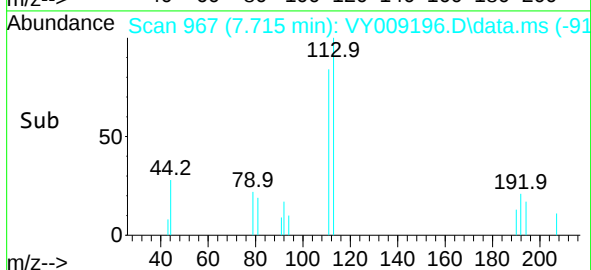
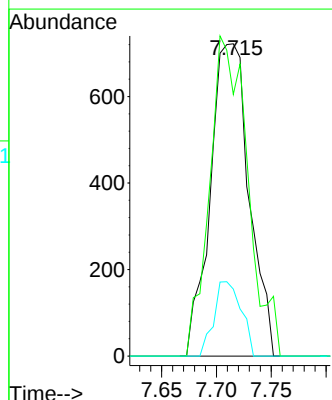
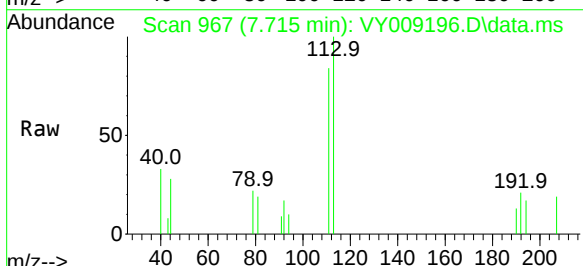
Tgt Ion:113 Resp: 1782

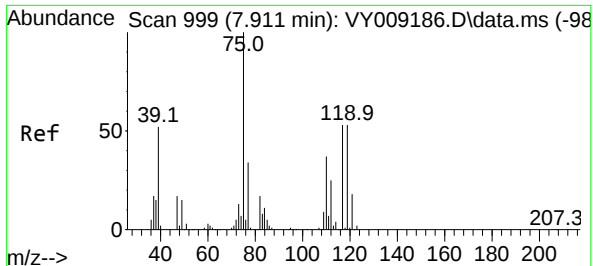
Ion Ratio Lower Upper

113 100

111 100.3 82.6 124.0

192 16.7 17.6 26.4#





#36

1,1-Dichloropropene

Concen: 5.829 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-8

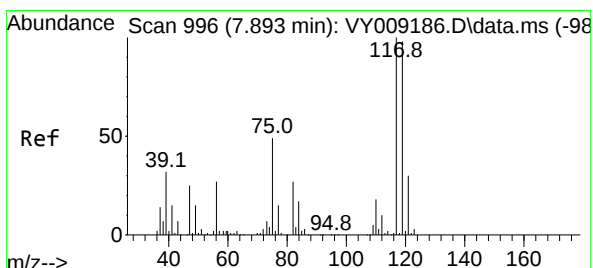
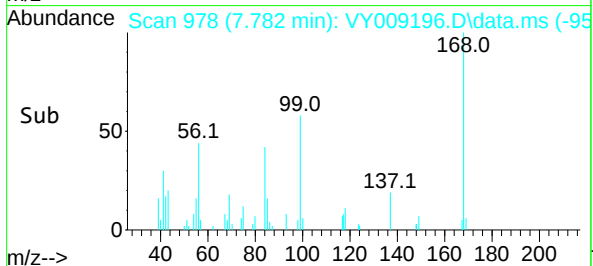
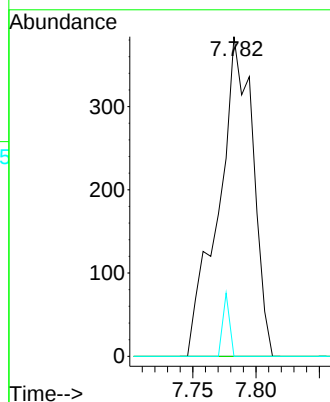
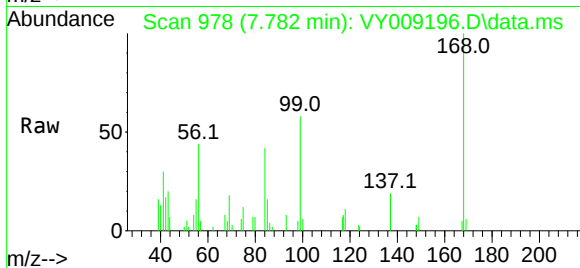
Tgt Ion: 75 Resp: 725

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 3.9 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.127 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

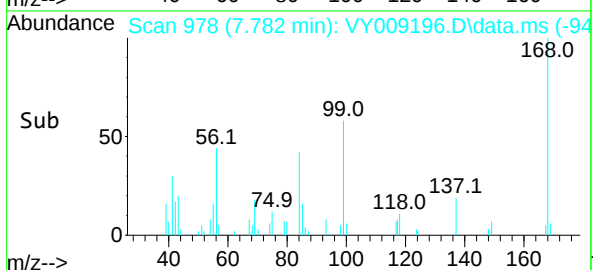
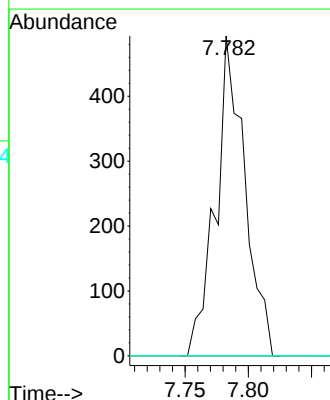
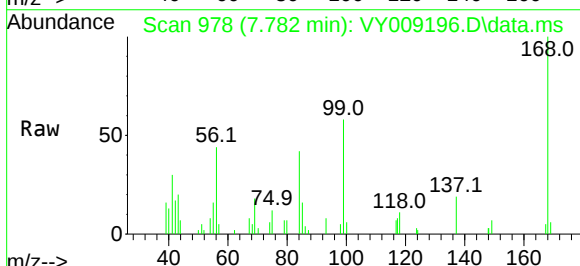
Tgt Ion: 117 Resp: 788

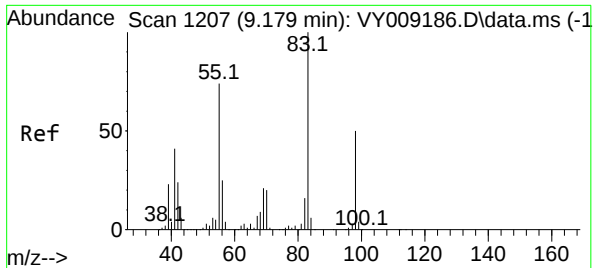
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 178.193 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-8

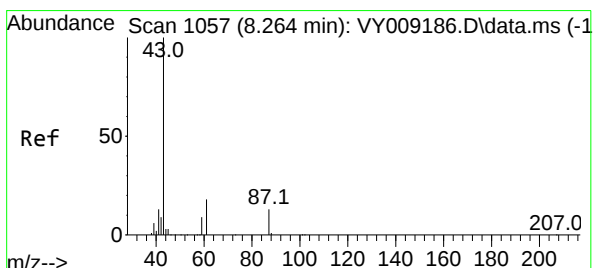
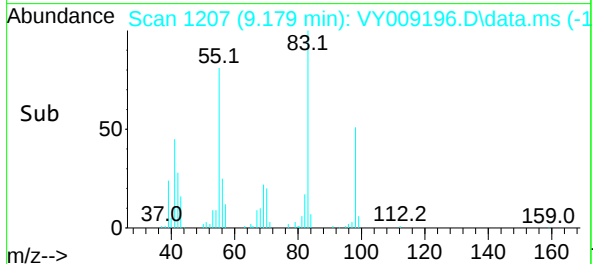
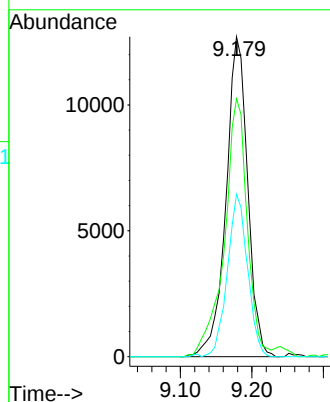
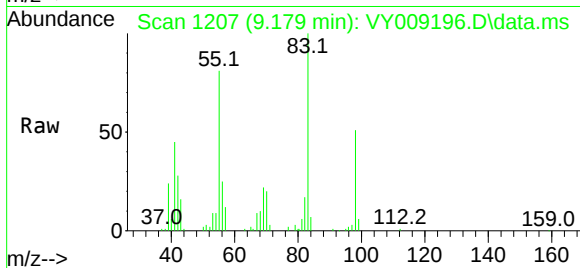
Tgt Ion: 83 Resp: 26719

Ion Ratio Lower Upper

83 100

55 80.6 66.5 99.7

98 50.8 37.9 56.9



#43

Isopropyl Acetate

Concen: 7.364 ug/l

RT: 8.258 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

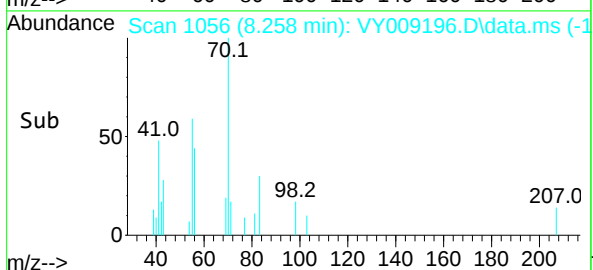
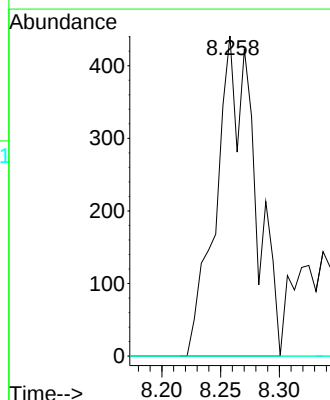
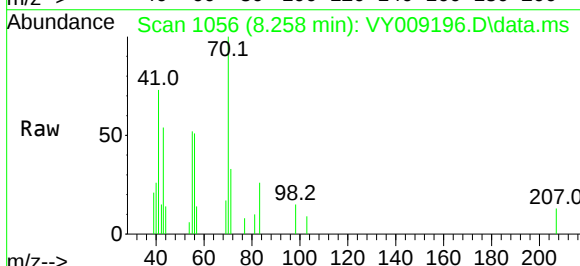
Tgt Ion: 43 Resp: 1008

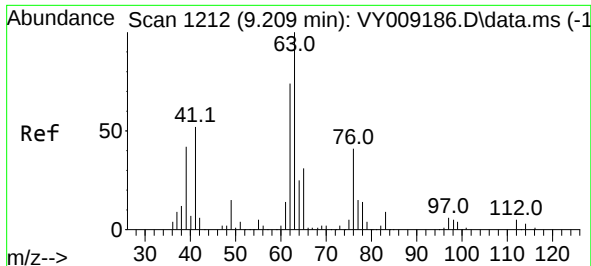
Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

87 0.0 8.9 13.3#





#45

1,2-Dichloropropane

Concen: 1.771 ug/l

RT: 9.166 min Scan# 11

Delta R.T. -0.043 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

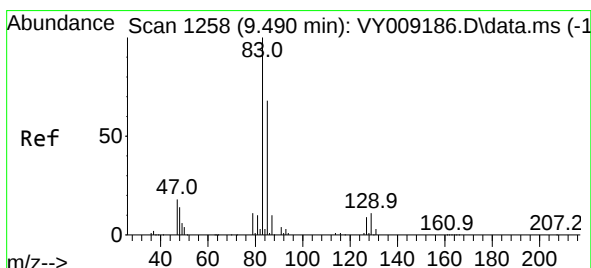
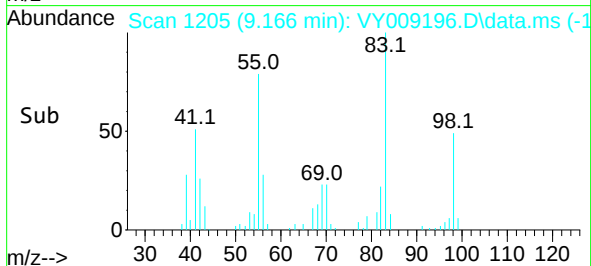
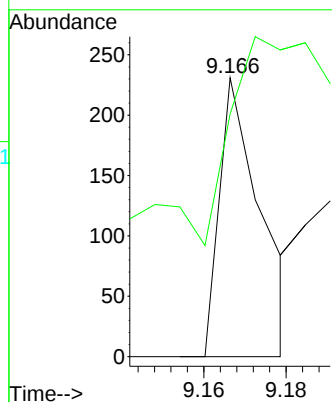
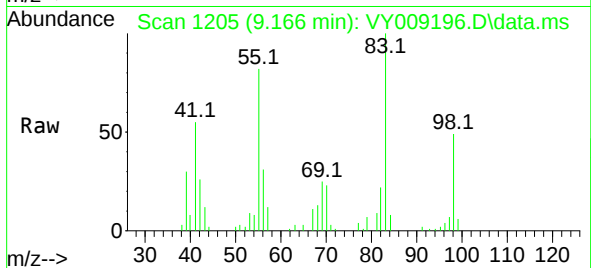
WC-14A-1A-8

Tgt Ion: 63 Resp: 163

Ion Ratio Lower Upper

63 100

65 33.3 23.0 34.6



#47

Bromodichloromethane

Concen: 3.217 ug/l

RT: 9.459 min Scan# 1253

Delta R.T. -0.031 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

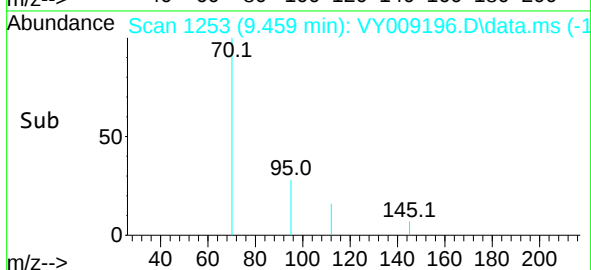
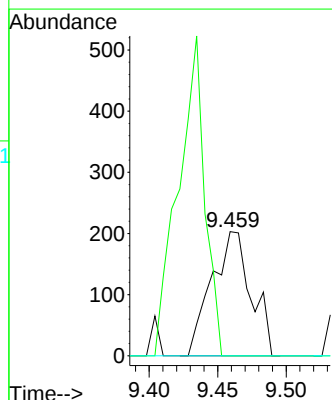
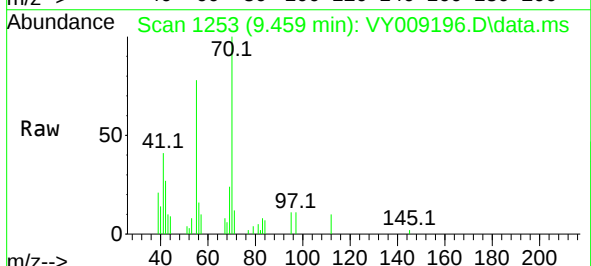
Tgt Ion: 83 Resp: 406

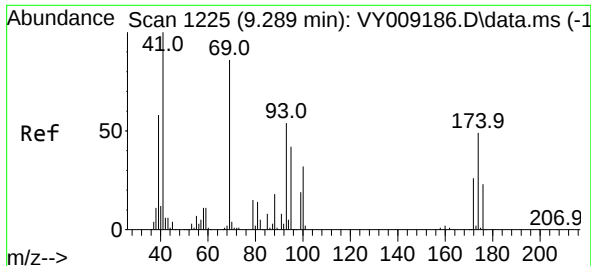
Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

127 0.0 6.6 10.0#

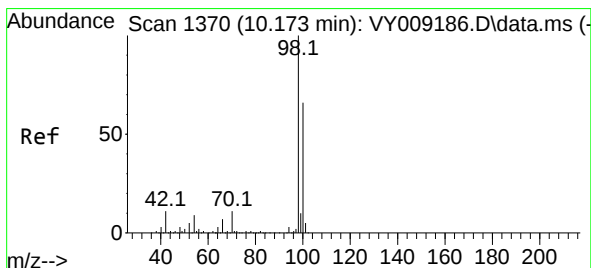
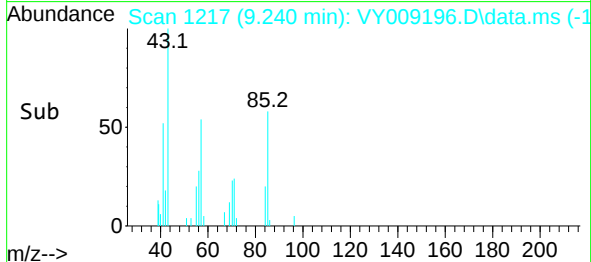
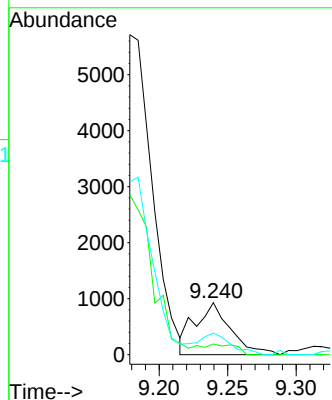
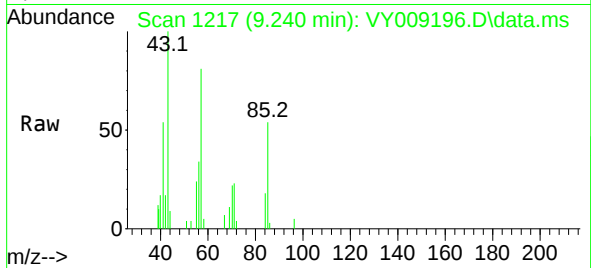




#48
Methyl methacrylate
Concen: 27.561 ug/l
RT: 9.240 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

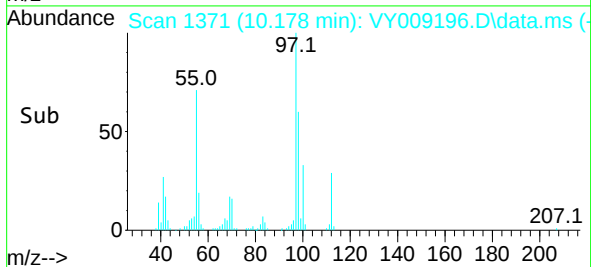
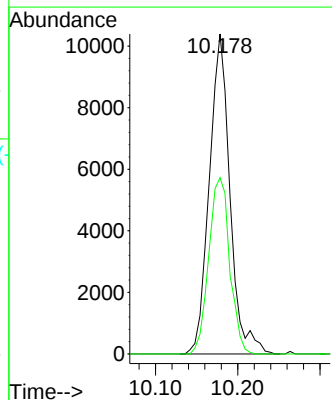
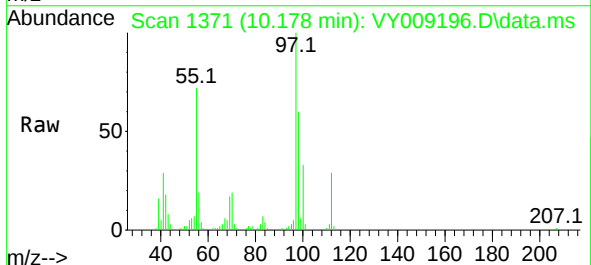
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

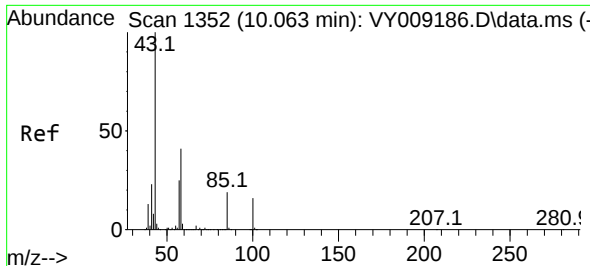
Tgt Ion: 41 Resp: 1684
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 36.3 47.4 71.0#



#50
Toluene-d8
Concen: 58.922 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 98 Resp: 18135
Ion Ratio Lower Upper
98 100
100 55.7 50.2 75.2

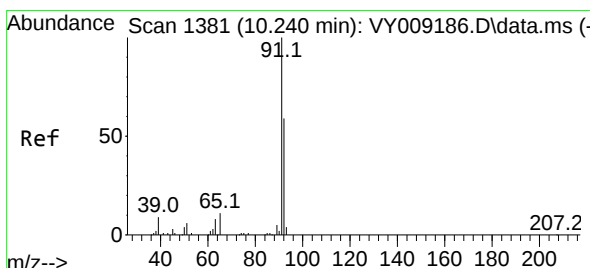
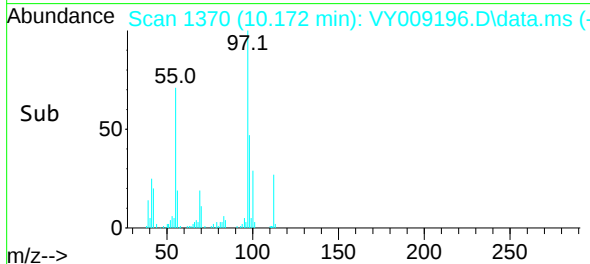
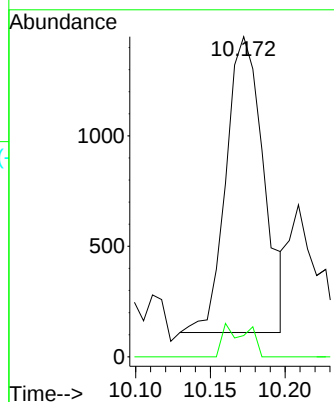
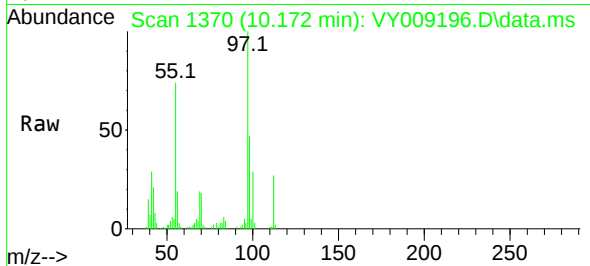




#51
4-Methyl-2-Pentanone
Concen: 32.594 ug/l
RT: 10.172 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

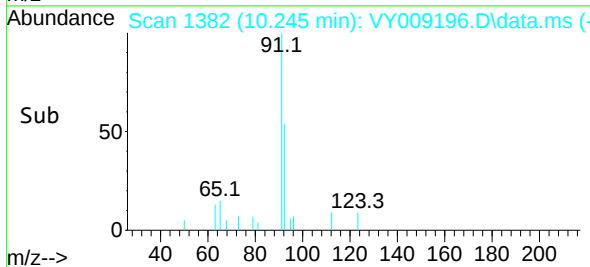
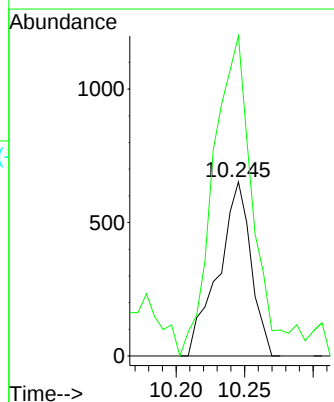
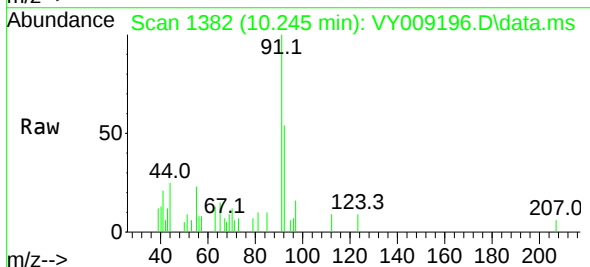
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

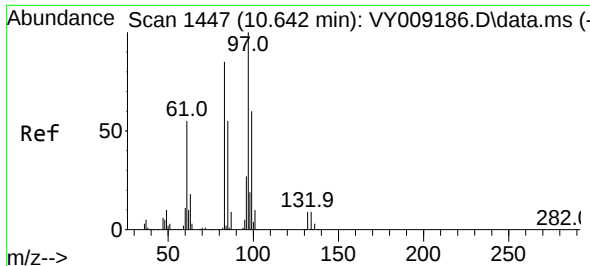
Tgt Ion: 43 Resp: 2347
Ion Ratio Lower Upper
43 100
58 7.3 28.1 42.1#



#52
Toluene
Concen: 4.644 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 92 Resp: 1077
Ion Ratio Lower Upper
92 100
91 224.9 142.6 213.8#

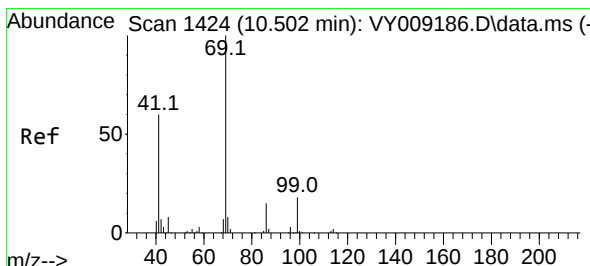
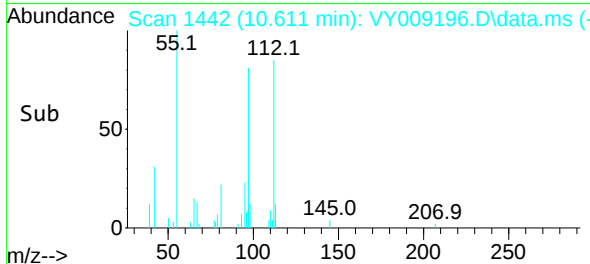
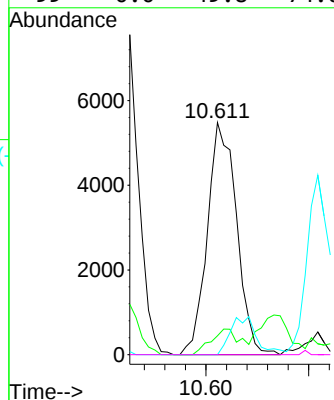
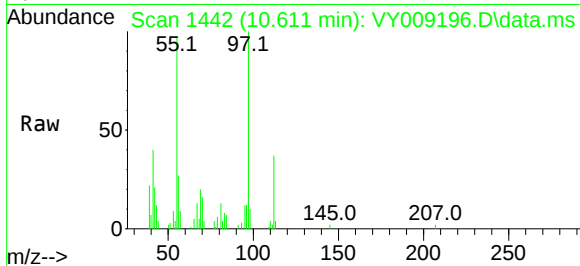




#55
1,1,2-Trichloroethane
Concen: 144.380 ug/l
RT: 10.611 min Scan# 1442
Delta R.T. -0.031 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

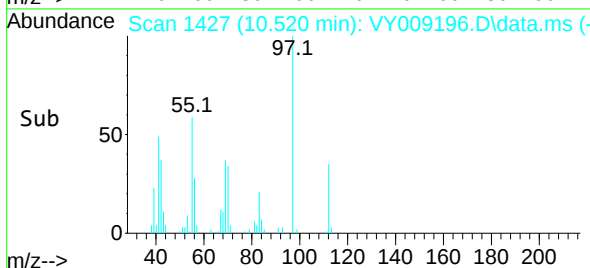
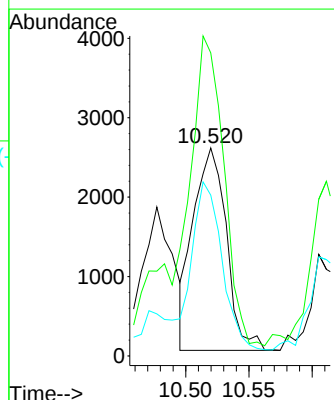
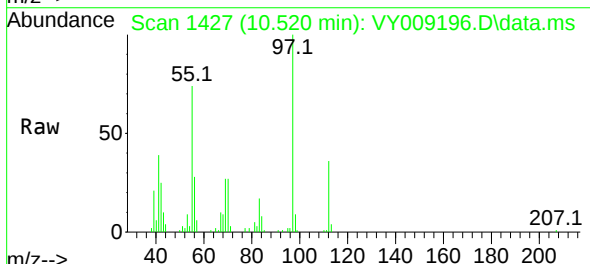
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

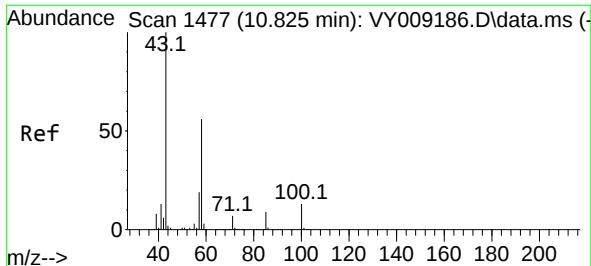
Tgt Ion: 97	Resp: 10820
Ion Ratio	Lower Upper
97 100	
83 8.1	69.8 104.8#
85 0.0	44.3 66.5#
99 0.0	49.8 74.6#



#56
Ethyl methacrylate
Concen: 45.781 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.018 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 69	Resp: 4651
Ion Ratio	Lower Upper
69 100	
41 189.9	63.4 95.0#
39 76.2	35.8 53.8#

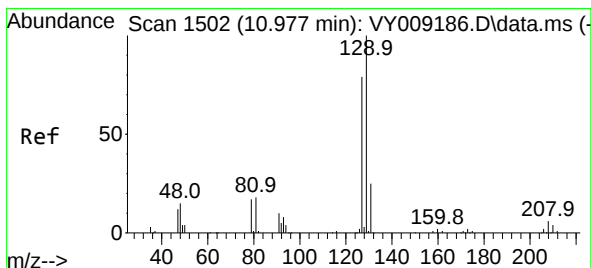
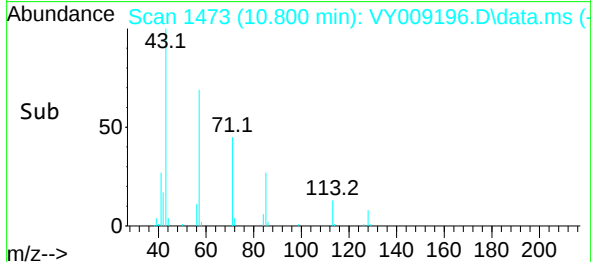
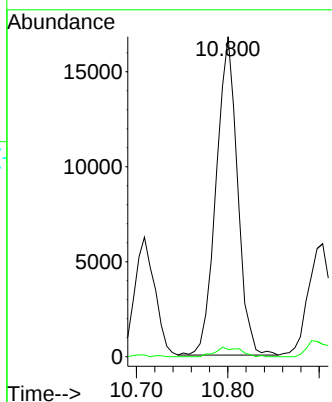
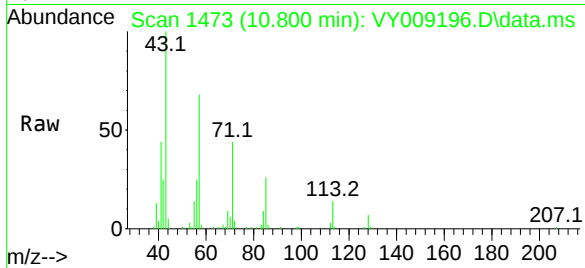




#59
2-Hexanone
Concen: 551.310 ug/l
RT: 10.800 min Scan# 1471
Delta R.T. -0.025 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

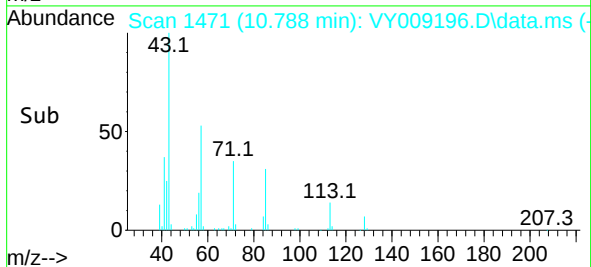
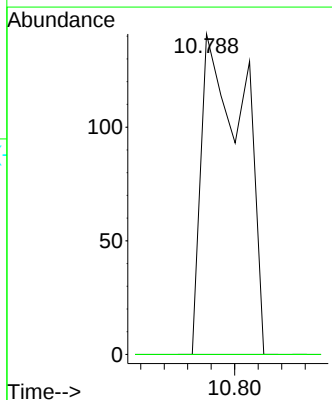
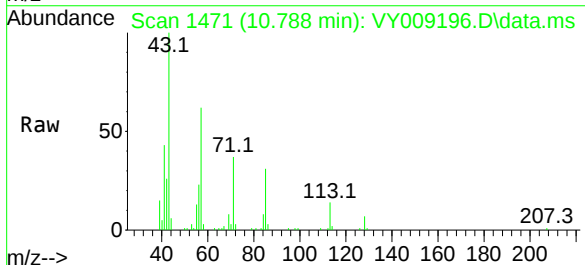
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

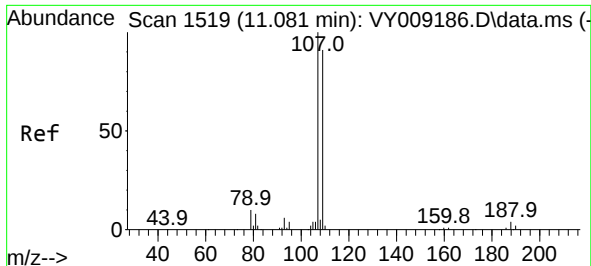
Tgt Ion: 43 Resp: 27234
Ion Ratio Lower Upper
43 100
58 3.6 24.4 73.4#



#60
Dibromochloromethane
Concen: 1.896 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.189 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 129 Resp: 174
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

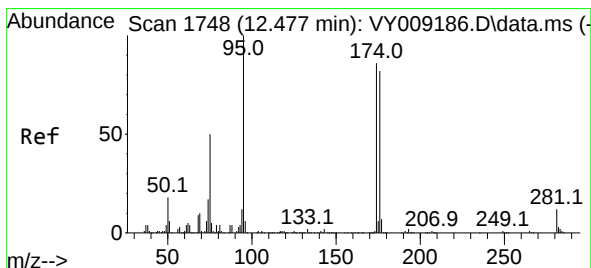
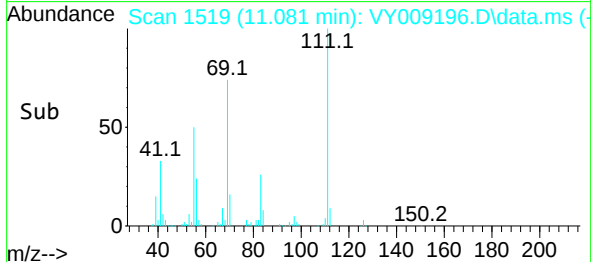
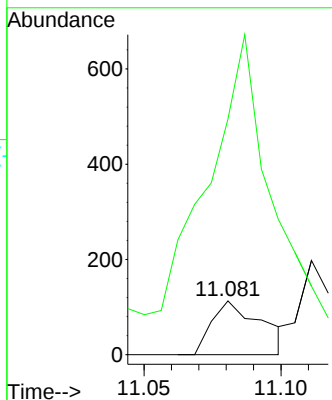
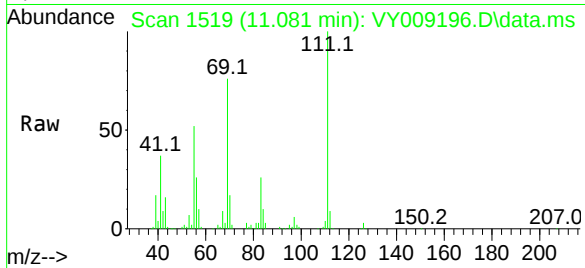




#61
1,2-Dibromoethane
Concen: 1.958 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

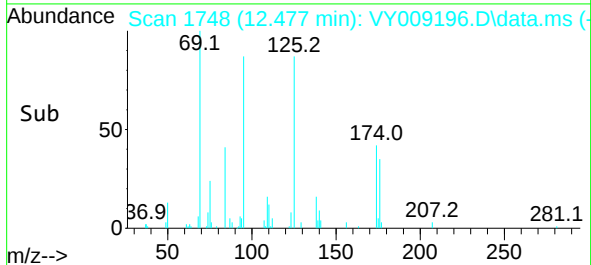
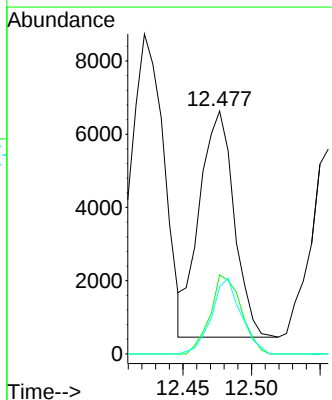
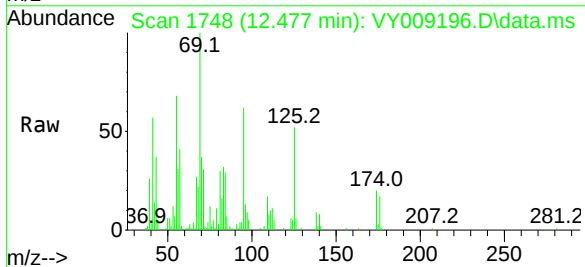
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

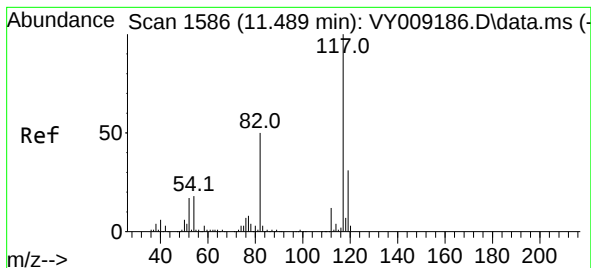
Tgt Ion:107 Resp: 143
Ion Ratio Lower Upper
107 100
109 906.3 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 99.405 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 95 Resp: 10872
Ion Ratio Lower Upper
95 100
174 31.1 0.0 177.0
176 28.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-8

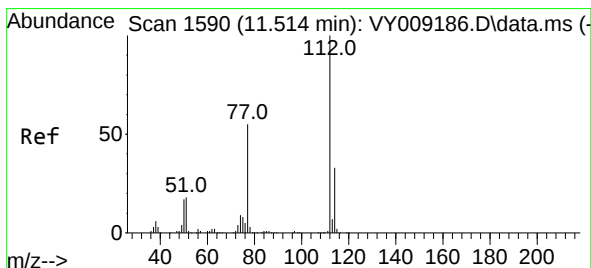
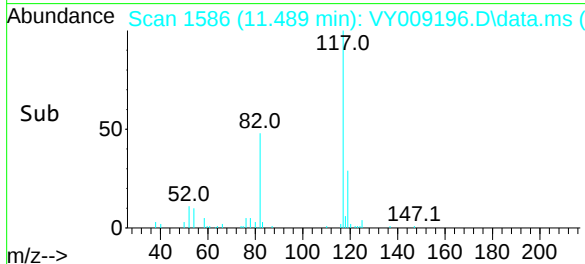
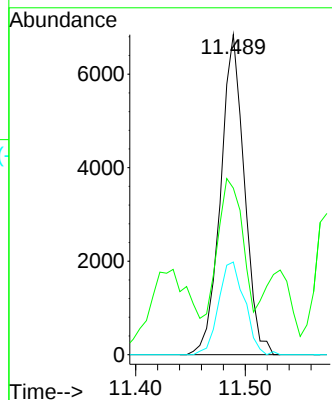
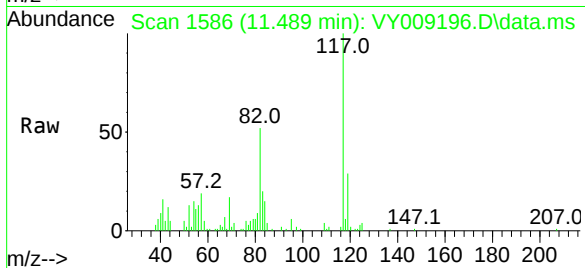
Tgt Ion:117 Resp: 10287

Ion Ratio Lower Upper

117 100

82 32.3 43.0 64.4#

119 29.0 25.4 38.0



#65

Chlorobenzene

Concen: 1.090 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY009196.D

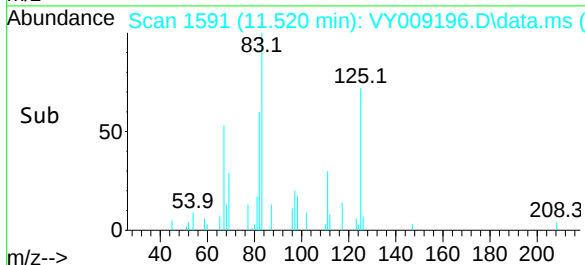
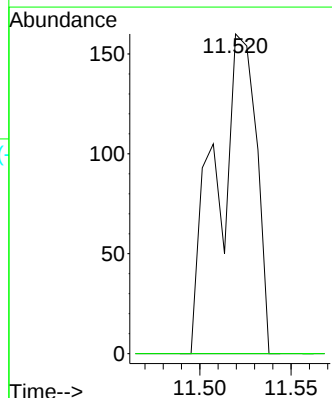
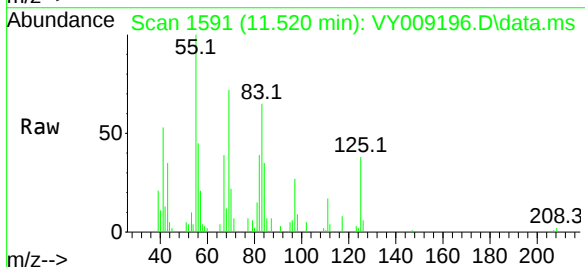
Acq: 16 Jun 2022 12:23

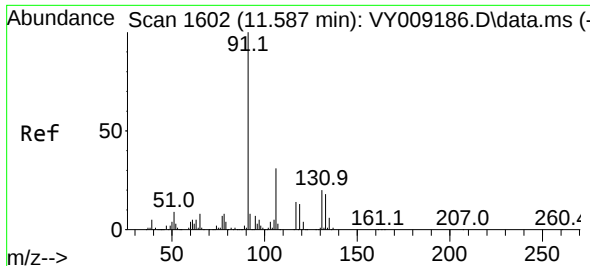
Tgt Ion:112 Resp: 243

Ion Ratio Lower Upper

112 100

114 0.0 25.8 38.6#

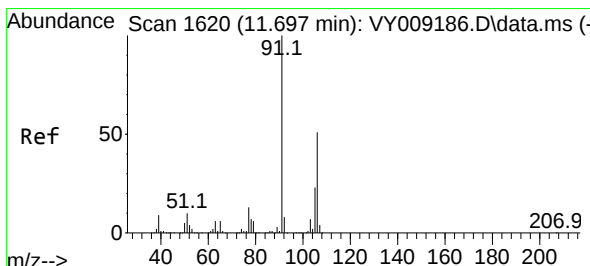
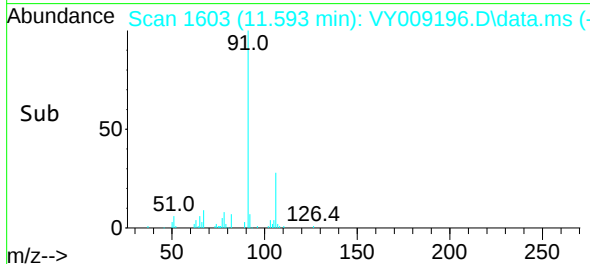
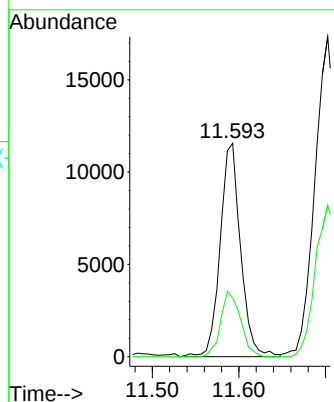
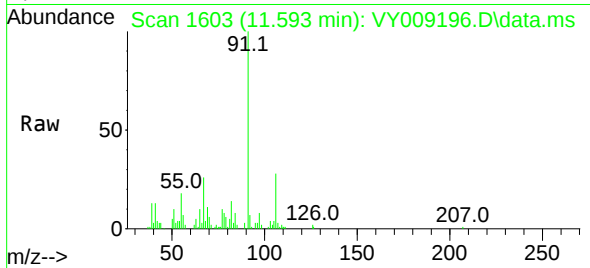




#67
Ethyl Benzene
Concen: 48.617 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

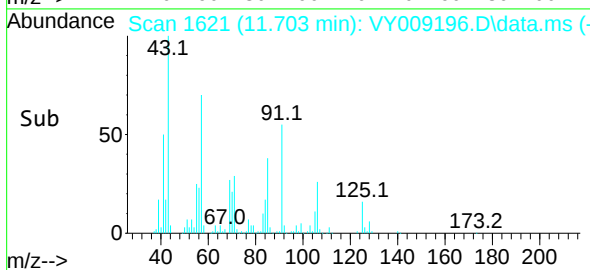
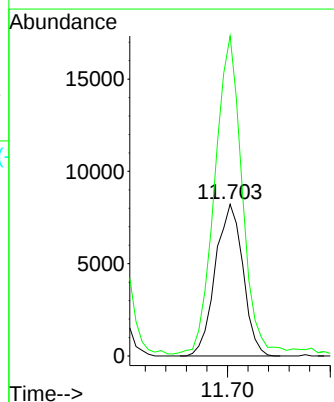
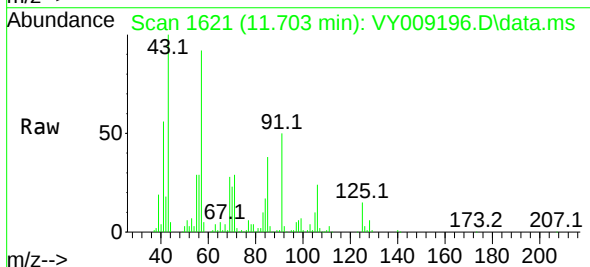
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

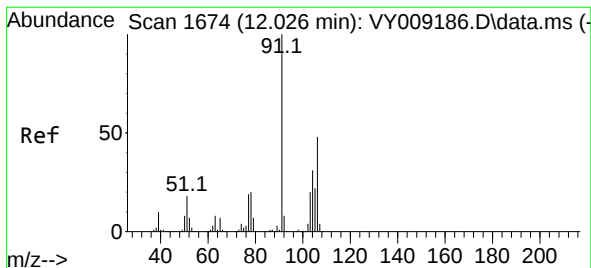
Tgt Ion: 91 Resp: 18905
Ion Ratio Lower Upper
91 100
106 27.6 24.5 36.7



#68
m/p-Xylenes
Concen: 99.860 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion:106 Resp: 15309
Ion Ratio Lower Upper
106 100
91 207.5 166.6 249.8





#69

o-Xylene

Concen: 229.632 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

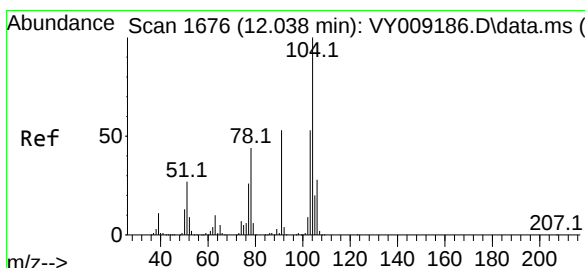
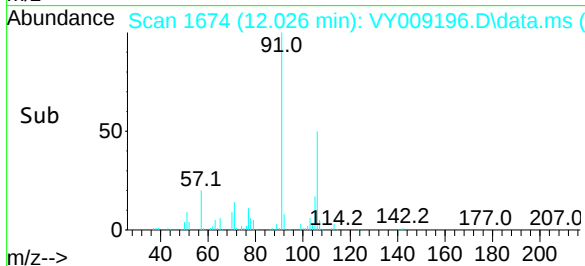
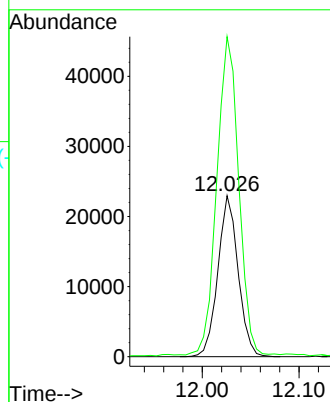
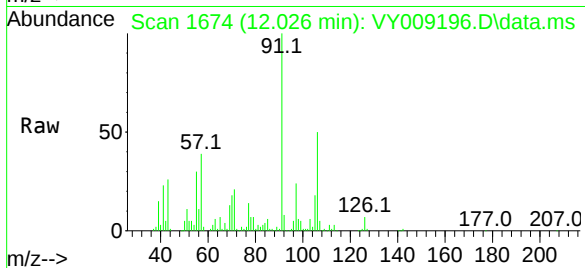
WC-14A-1A-8

Tgt Ion:106 Resp: 33355

Ion Ratio Lower Upper

106 100

91 212.7 110.3 331.0



#70

Styrene

Concen: 7.625 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.013 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

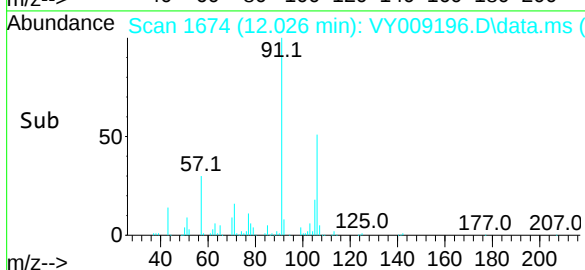
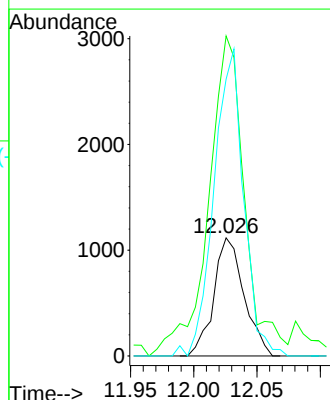
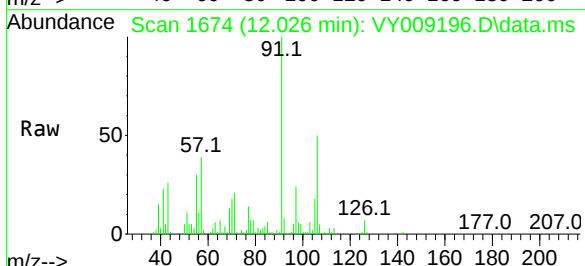
Tgt Ion:104 Resp: 1858

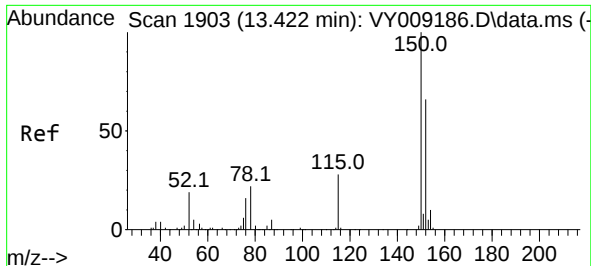
Ion Ratio Lower Upper

104 100

78 322.7 42.4 63.6#

103 255.2 44.4 66.6#

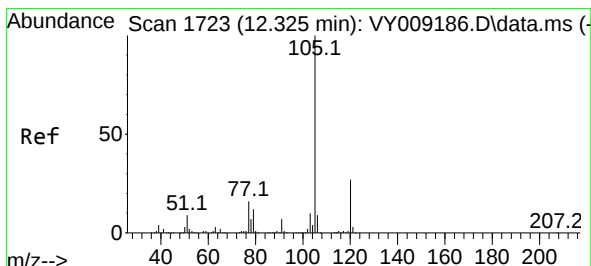
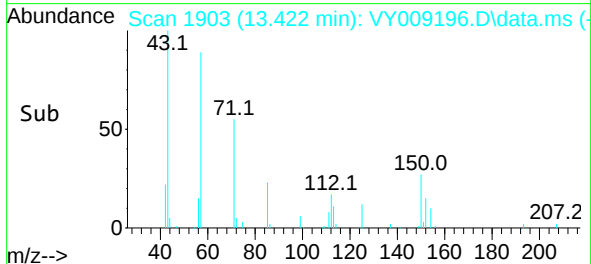
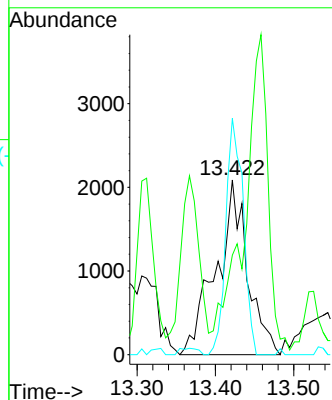
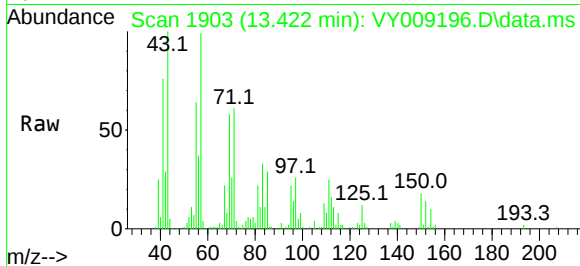




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

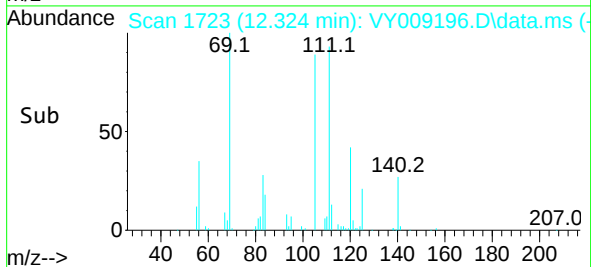
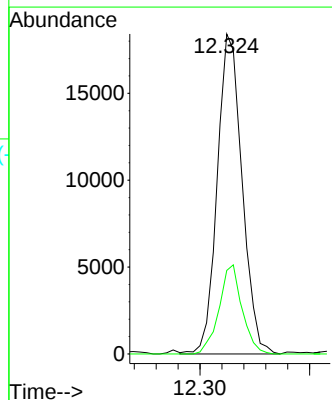
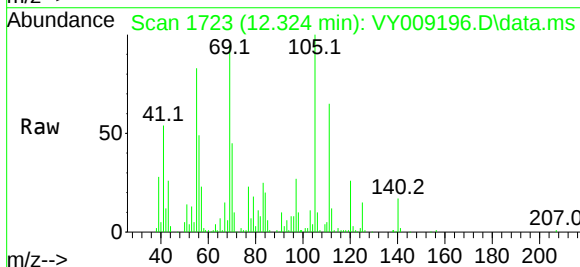
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

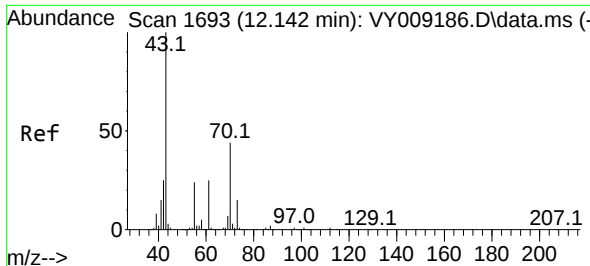
Tgt Ion:152 Resp: 5804
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 74.7 0.0 347.6



#73
Isopropylbenzene
Concen: 66.351 ug/l
RT: 12.324 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion:105 Resp: 28984
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.2

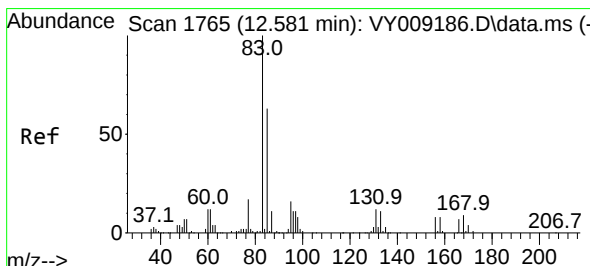
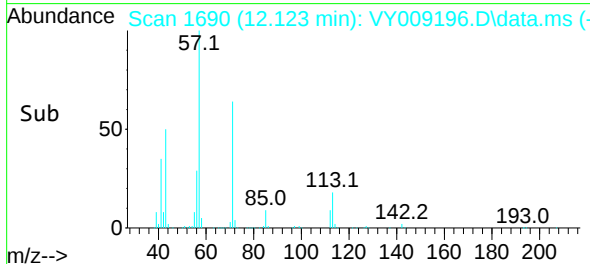
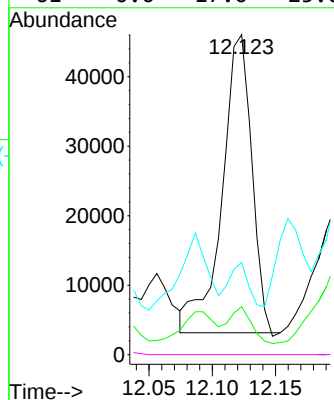
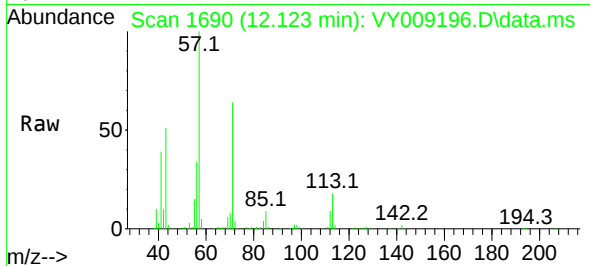




#74
N-amy1 acetate
Concen: 574.582 ug/l
RT: 12.123 min Scan# 1
Delta R.T. -0.019 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

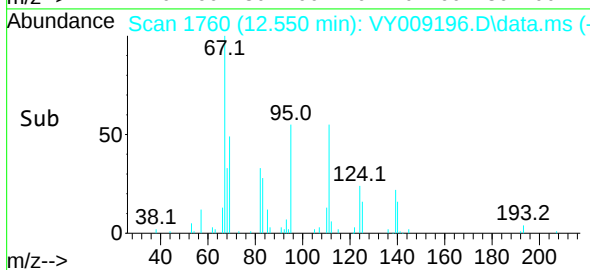
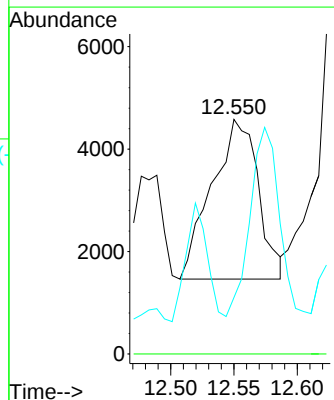
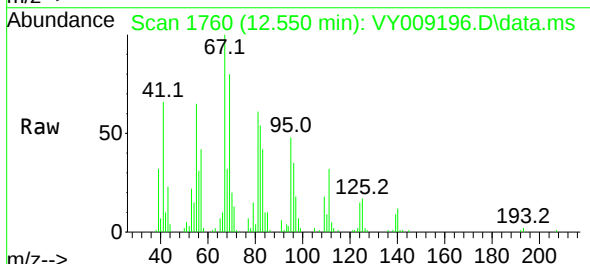
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

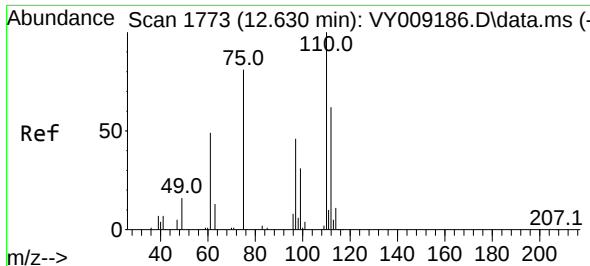
Tgt Ion:	43	Resp:	70014
Ion	Ratio	Lower	Upper
43	100		
70	9.3	28.7	43.1#
55	10.5	17.3	25.9#
61	0.0	17.0	25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 92.160 ug/l
RT: 12.550 min Scan# 1760
Delta R.T. -0.031 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion:	83	Resp:	7968
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	0.0	32.3	96.8#

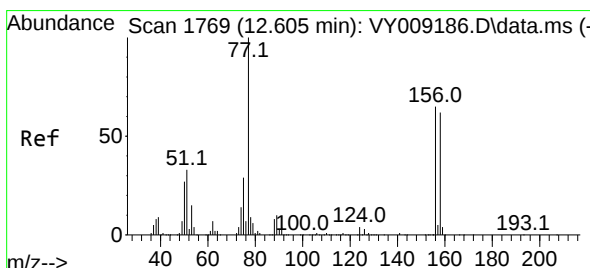
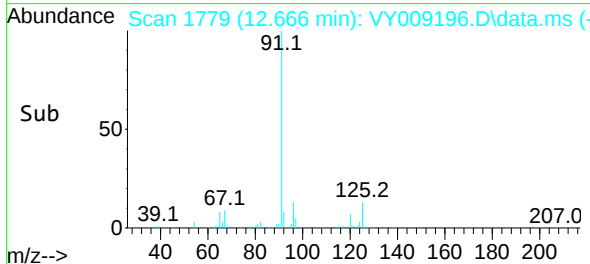
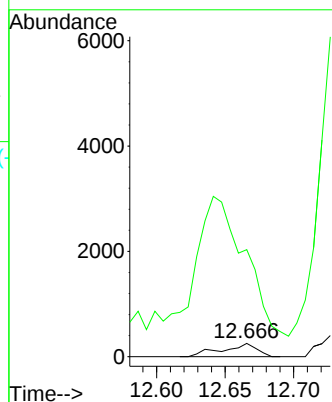
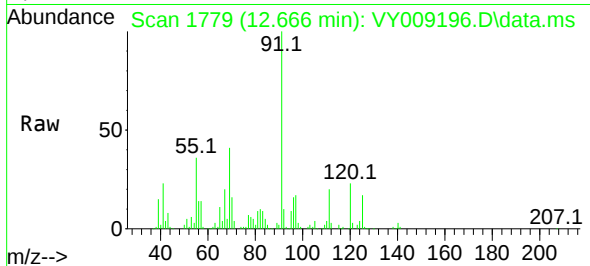




#76
1,2,3-Trichloropropane
Concen: 6.913 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.036 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

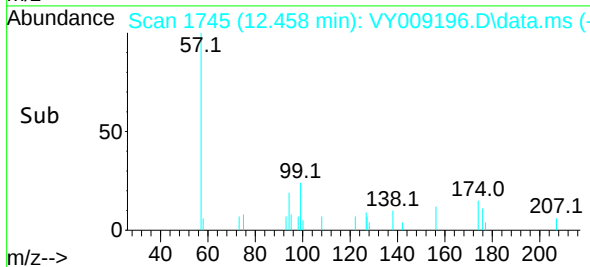
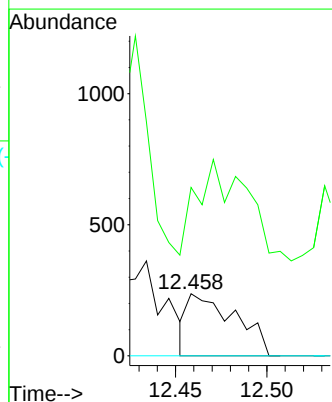
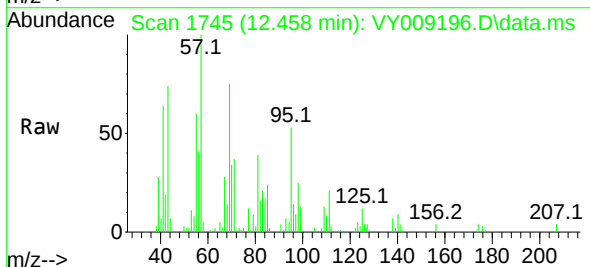
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

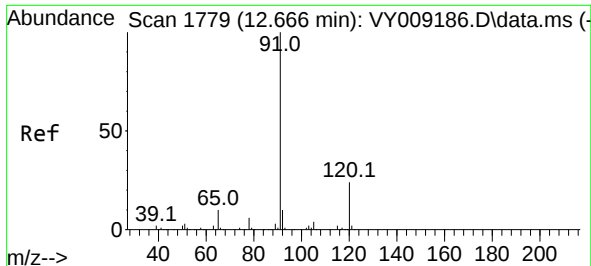
Tgt Ion: 75 Resp: 443
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 4.025 ug/l
RT: 12.458 min Scan# 1745
Delta R.T. -0.147 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 156 Resp: 432
Ion Ratio Lower Upper
156 100
77 168.1 95.5 286.4
158 0.0 48.0 144.0#

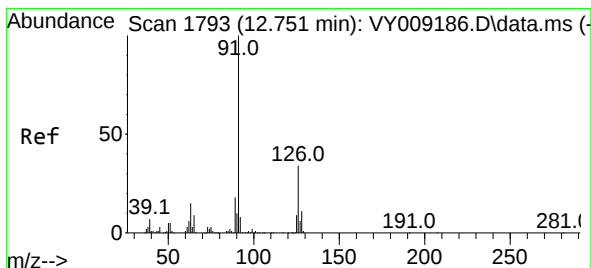
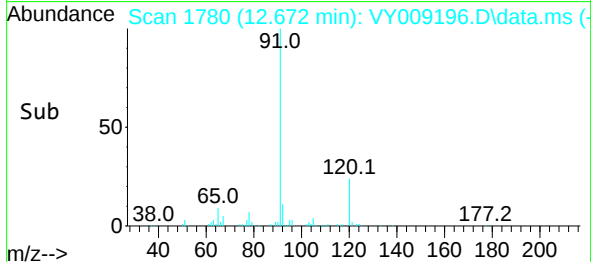
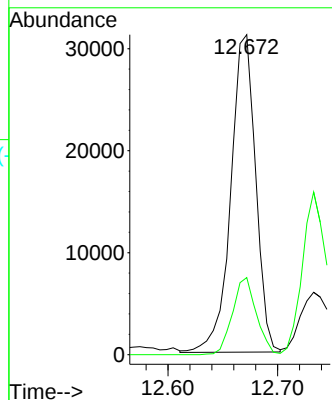
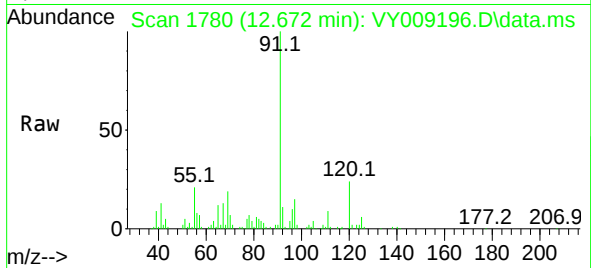




#78
n-propylbenzene
Concen: 92.851 ug/l
RT: 12.672 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

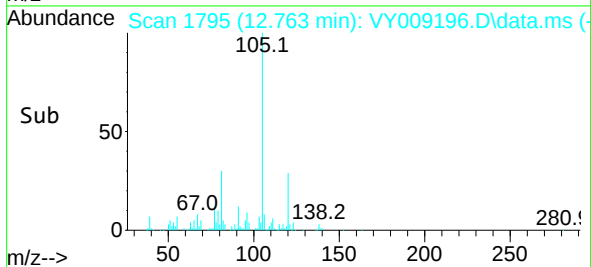
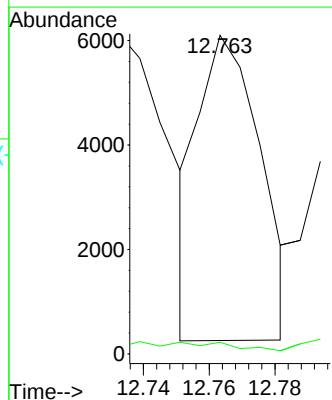
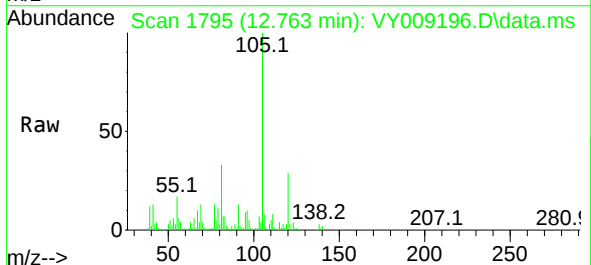
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

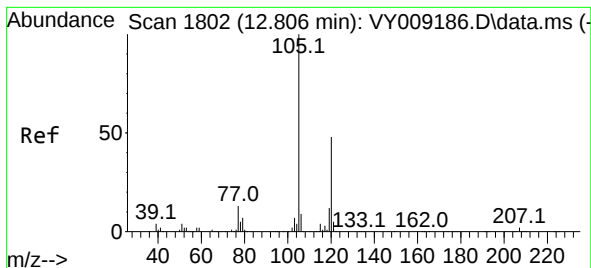
Tgt Ion: 91 Resp: 49076
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9



#79
2-Chlorotoluene
Concen: 25.803 ug/l
RT: 12.763 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 91 Resp: 7684
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#





#80

1,3,5-Trimethylbenzene

Concen: 350.491 ug/l

RT: 12.812 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

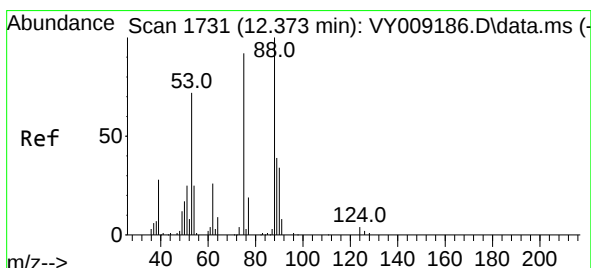
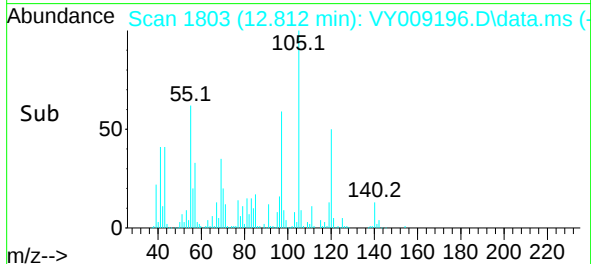
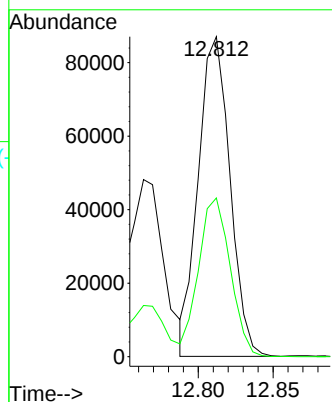
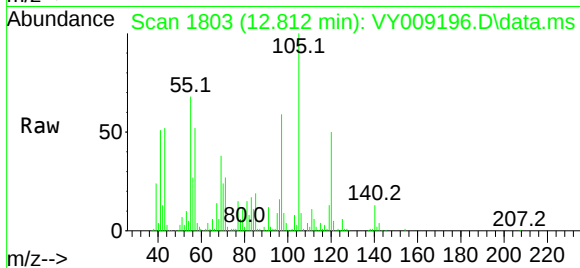
WC-14A-1A-8

Tgt Ion:105 Resp: 127969

Ion Ratio Lower Upper

105 100

120 49.9 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 12.936 ug/l

RT: 12.324 min Scan# 1723

Delta R.T. -0.049 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

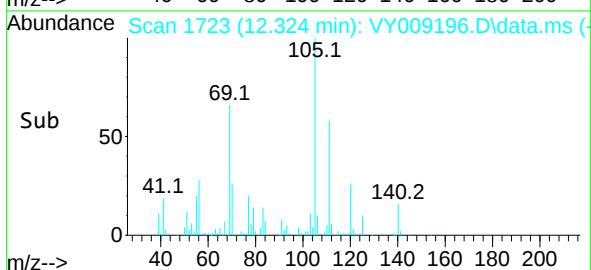
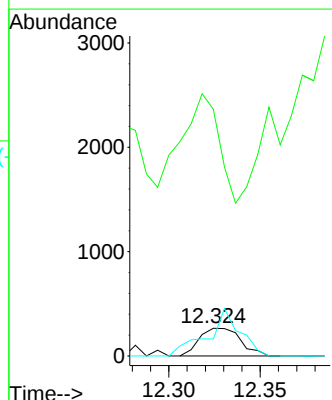
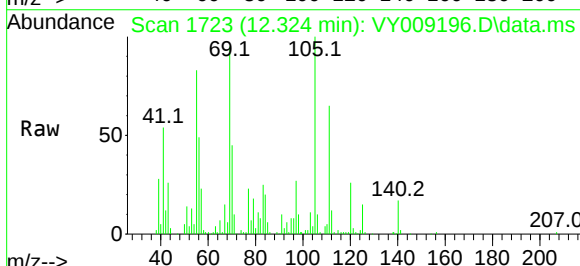
Tgt Ion: 75 Resp: 416

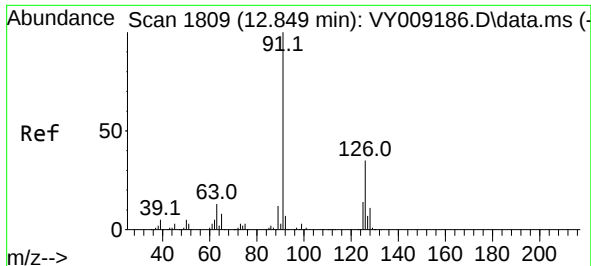
Ion Ratio Lower Upper

75 100

53 360.6 85.3 127.9#

89 134.4 37.0 55.4#

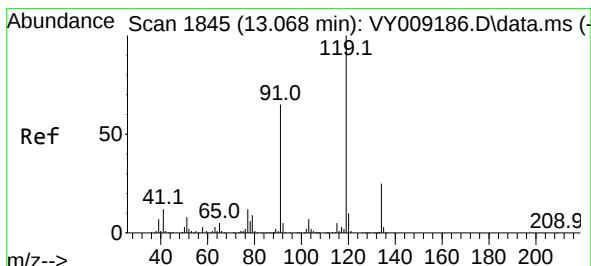
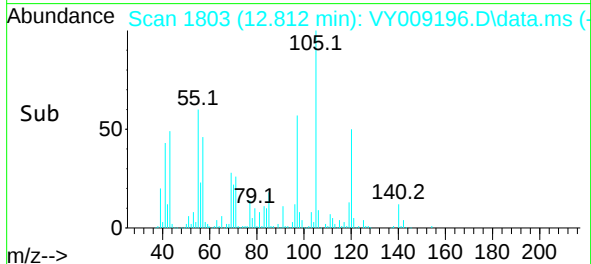
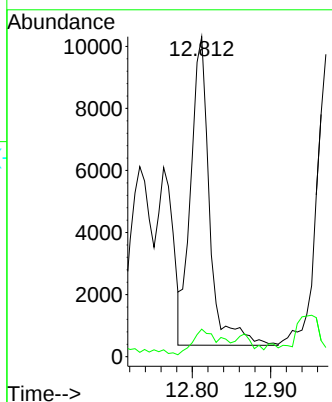
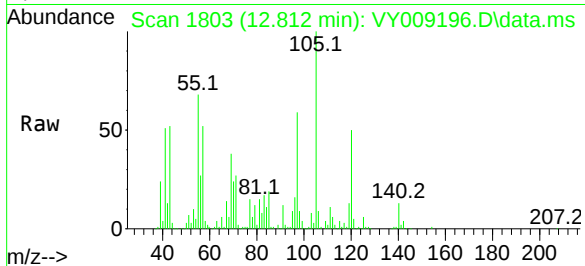




#82
4-Chlorotoluene
Concen: 53.313 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.037 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

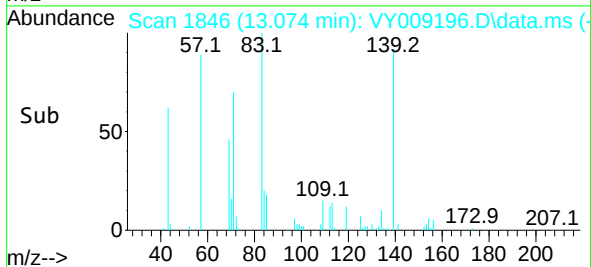
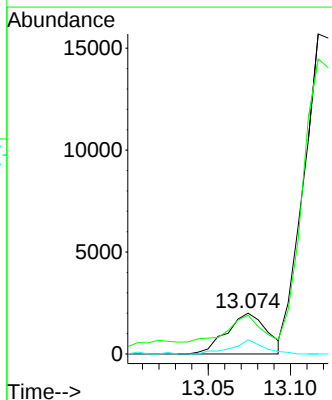
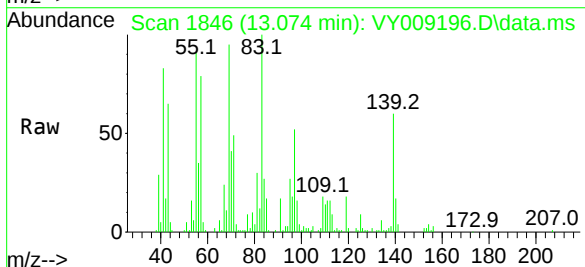
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

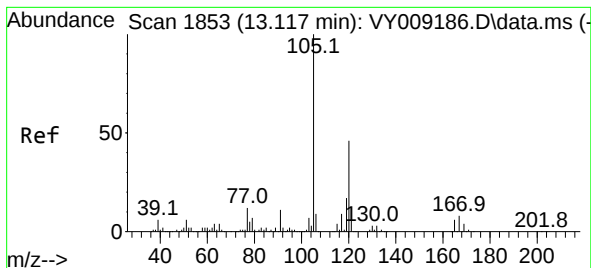
Tgt Ion: 91 Resp: 16566
Ion Ratio Lower Upper
91 100
126 12.0 17.0 51.0#



#83
tert-Butylbenzene
Concen: 10.607 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 119 Resp: 3405
Ion Ratio Lower Upper
119 100
91 53.7 34.8 104.4
134 26.6 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 558.704 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

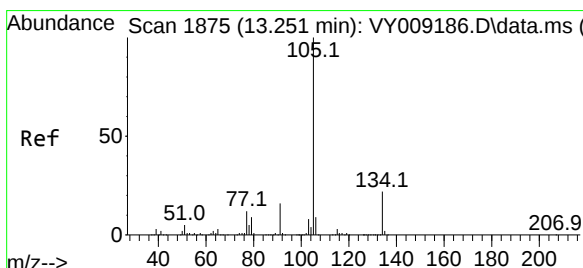
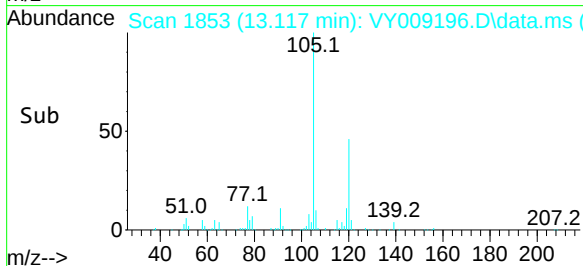
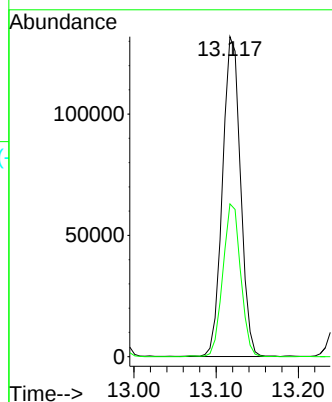
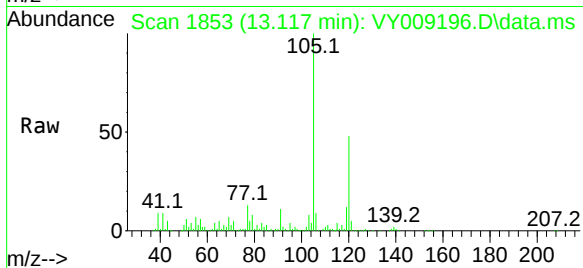
WC-14A-1A-8

Tgt Ion:105 Resp: 200224

Ion Ratio Lower Upper

105 100

120 47.4 22.3 66.9



#85

sec-Butylbenzene

Concen: 69.786 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009196.D

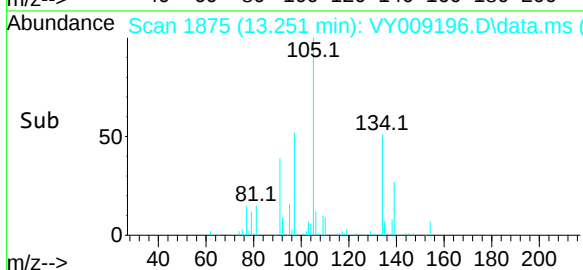
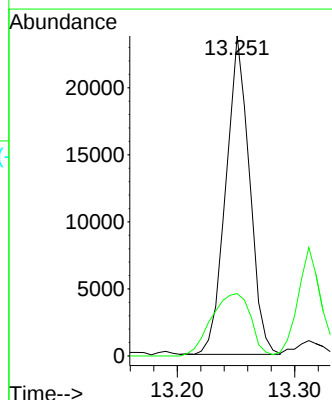
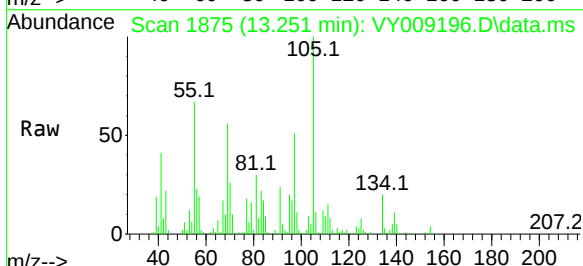
Acq: 16 Jun 2022 12:23

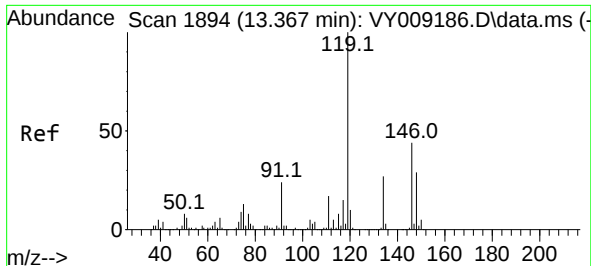
Tgt Ion:105 Resp: 33172

Ion Ratio Lower Upper

105 100

134 32.5 10.2 30.4#

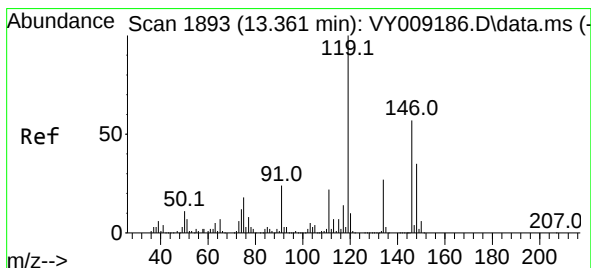
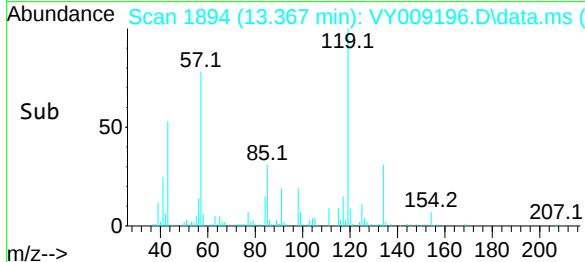
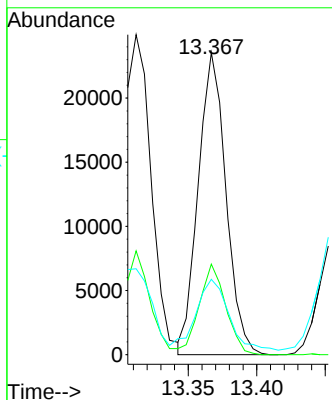
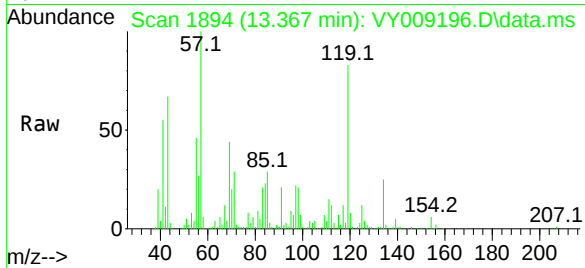




#86
 p-Isopropyltoluene
 Concen: 84.231 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY009196.D
 Acq: 16 Jun 2022 12:23

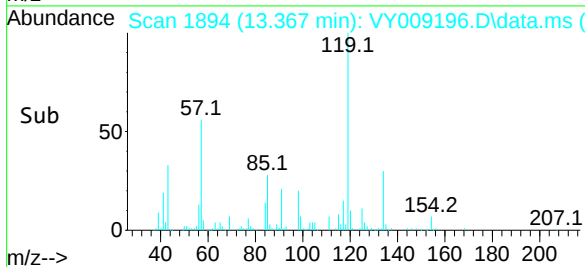
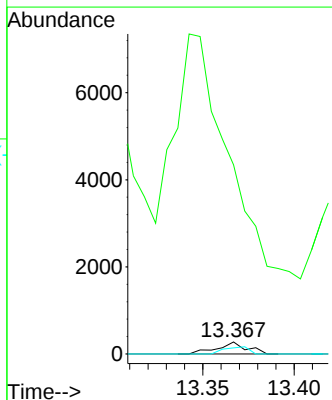
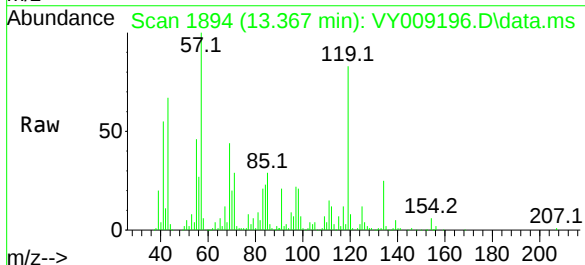
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14A-1A-8

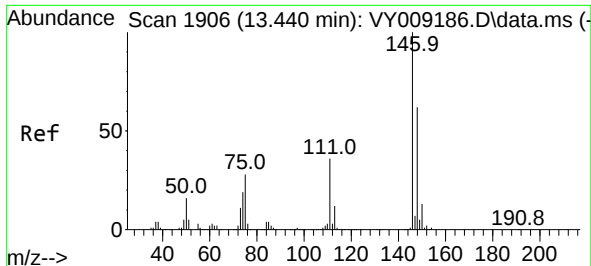
Tgt Ion:	119	Resp:	33225
Ion Ratio	Lower	Upper	
119	100		
134	29.1	13.2	39.5
91	27.1	12.4	37.2



#87
 1,3-Dichlorobenzene
 Concen: 1.488 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VY009196.D
 Acq: 16 Jun 2022 12:23

Tgt Ion:	146	Resp:	308
Ion Ratio	Lower	Upper	
146	100		
111	0.0	19.5	58.5#
148	50.0	31.6	95.0

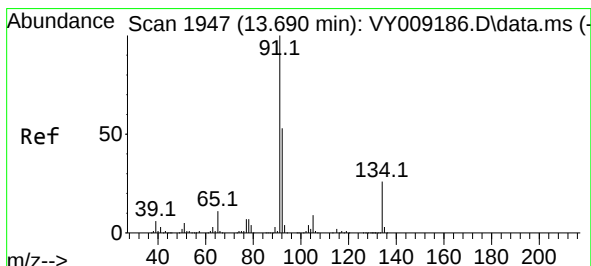
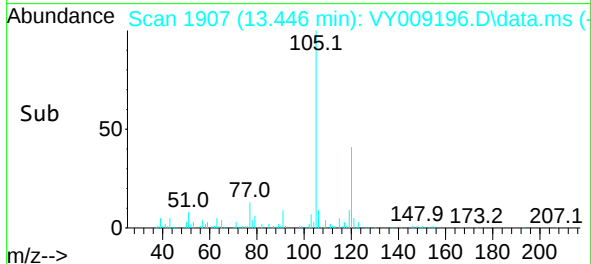
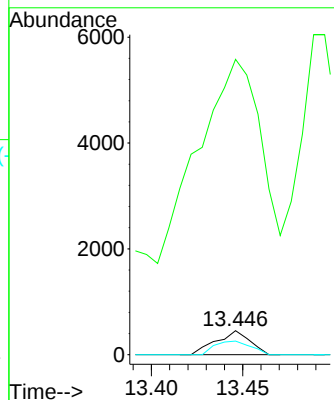
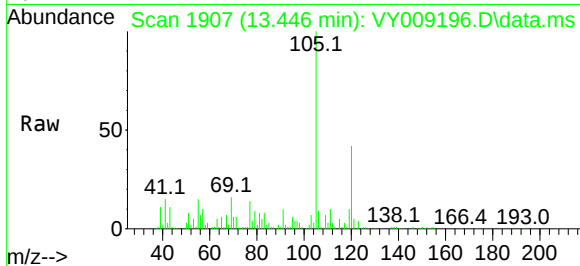




#88
1,4-Dichlorobenzene
Concen: 2.765 ug/l
RT: 13.446 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

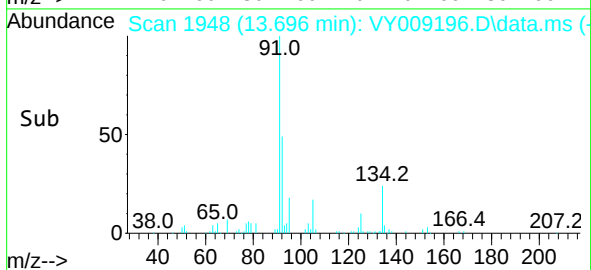
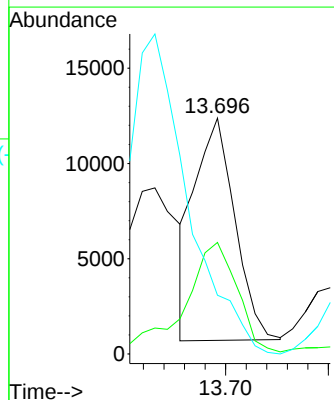
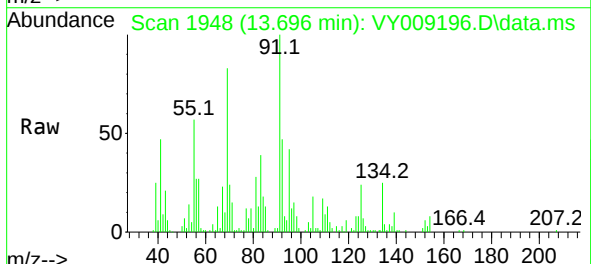
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

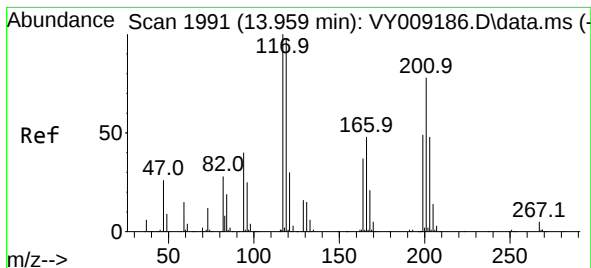
Tgt Ion:146 Resp: 581
Ion Ratio Lower Upper
146 100
111 1558.3 19.3 57.8#
148 60.2 32.6 97.8



#89
n-Butylbenzene
Concen: 42.225 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion: 91 Resp: 15750
Ion Ratio Lower Upper
91 100
92 64.3 26.3 78.9
134 0.0 13.0 38.9#





#90

Hexachloroethane

Concen: 52.044 ug/l

RT: 13.970 min Scan# 1991

Delta R.T. 0.012 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

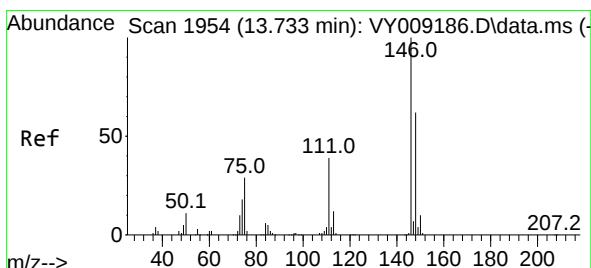
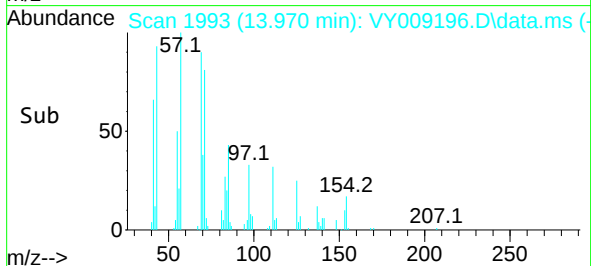
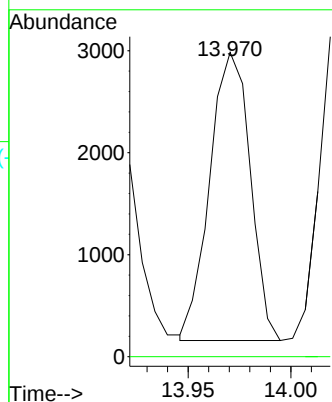
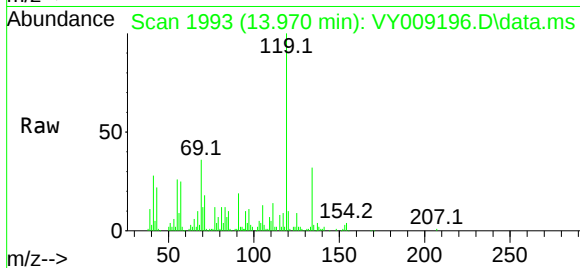
WC-14A-1A-8

Tgt Ion:117 Resp: 3871

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#



#91

1,2-Dichlorobenzene

Concen: 7.255 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY009196.D

Acq: 16 Jun 2022 12:23

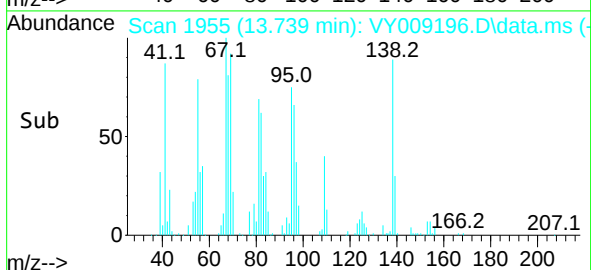
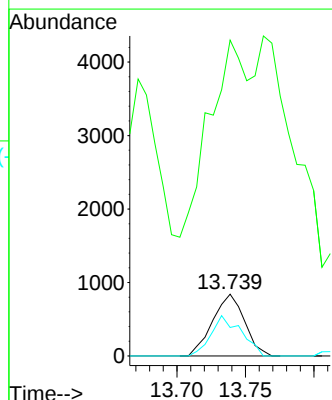
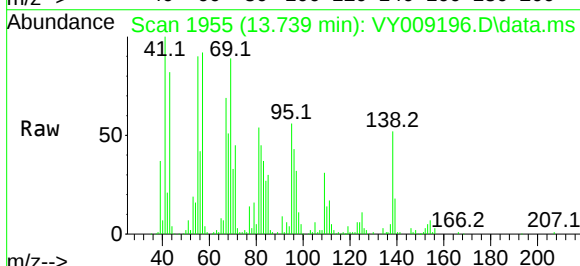
Tgt Ion:146 Resp: 1358

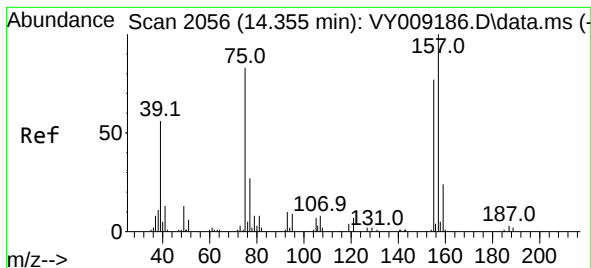
Ion Ratio Lower Upper

146 100

111 367.3 20.3 60.9#

148 61.9 32.3 96.9

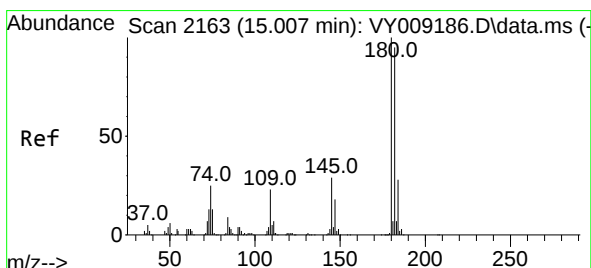
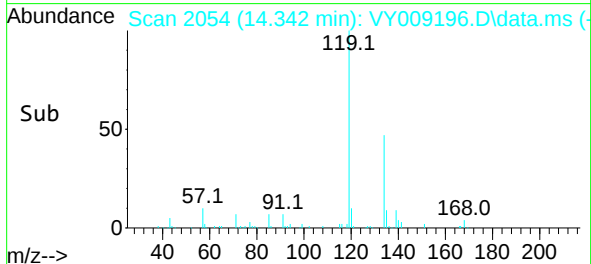
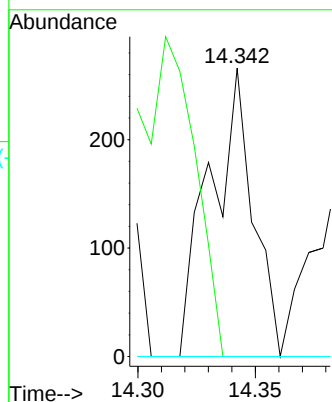
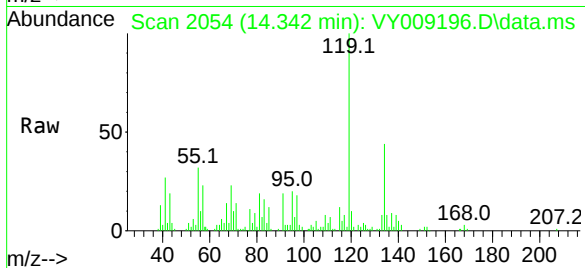




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.795 ug/l
 RT: 14.342 min Scan# 2054
 Delta R.T. -0.013 min
 Lab File: VY009196.D
 Acq: 16 Jun 2022 12:23

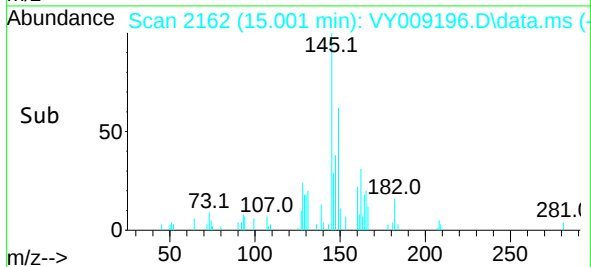
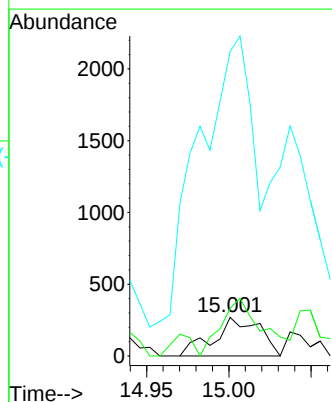
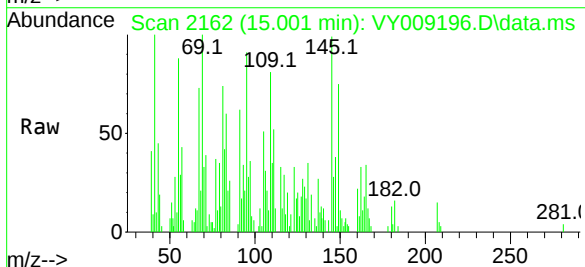
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14A-1A-8

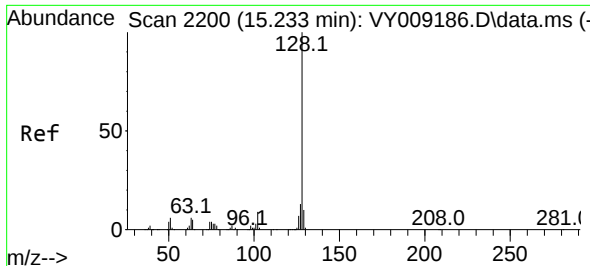
Tgt Ion: 75 Resp: 340
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.0 113.9#
 157 0.0 47.8 143.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.410 ug/l
 RT: 15.001 min Scan# 2162
 Delta R.T. -0.006 min
 Lab File: VY009196.D
 Acq: 16 Jun 2022 12:23

Tgt Ion: 180 Resp: 519
 Ion Ratio Lower Upper
 180 100
 182 136.2 47.3 141.9
 145 1051.8 14.6 43.8#

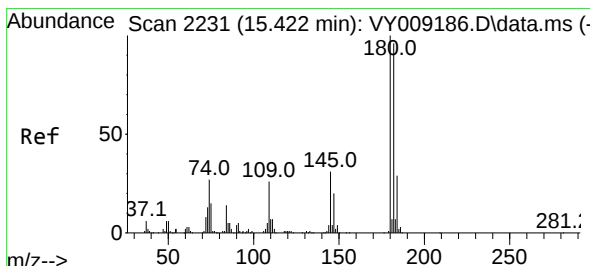
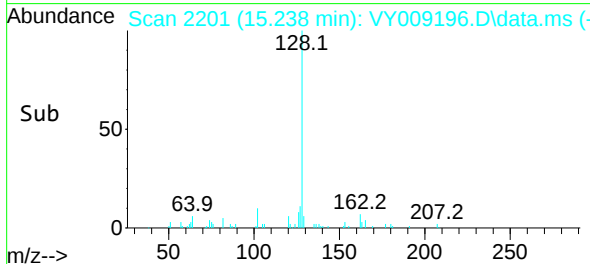
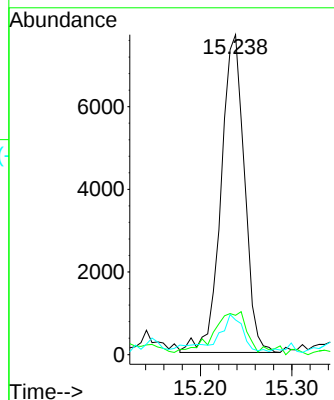
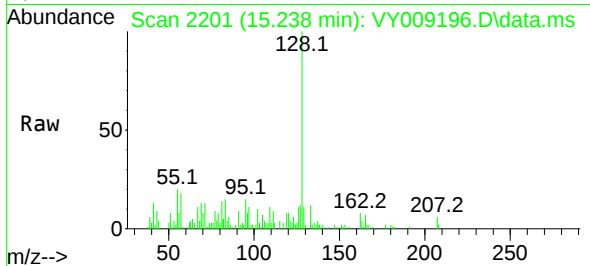




#95
Naphthalene
Concen: 55.775 ug/l
RT: 15.238 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

Tgt Ion:128 Resp: 13691
Ion Ratio Lower Upper
128 100
127 18.1 11.0 16.4#
129 12.5 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 2.433 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009196.D
Acq: 16 Jun 2022 12:23

Tgt Ion:180 Resp: 252
Ion Ratio Lower Upper
180 100
182 192.5 47.3 141.9#
145 481.7 15.3 45.9#

