

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009198.D
 Acq On : 16 Jun 2022 13:10
 Operator : KP/MD
 Sample : N3334-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14A-1A-5

Quant Time: Jun 16 15:41:57 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	223467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	375998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	269168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123905	53.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.160%
35) Dibromofluoromethane	7.716	113	53428	22.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.320%#
50) Toluene-d8	10.179	98	468454	52.203	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.477	95	165628	51.940	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	912	2.463	ug/l #	87
13) Acrolein	3.717	56	24	Below Cal	#	14
16) Acetone	3.942	43	13563	23.066	ug/l #	84
17) Carbon Disulfide	4.186	76	14881	2.417	ug/l	98
18) Methyl Acetate	4.515	43	59	Below Cal	#	56
20) Methylene Chloride	4.710	84	11345	1.495	ug/l #	83
25) 2-Butanone	6.984	43	7886	8.475	ug/l	95
31) Cyclohexane	7.777	56	14848	3.551	ug/l #	62
36) 1,1-Dichloropropene	7.783	75	16214	4.471	ug/l #	52
37) Ethyl Acetate	6.984	43	7886	3.655	ug/l #	65
38) Carbon Tetrachloride	7.789	117	21674	5.780	ug/l #	14
39) Methylcyclohexane	9.179	83	330092	75.505	ug/l	94
43) Isopropyl Acetate	8.265	43	13054	3.271	ug/l #	56
47) Bromodichloromethane	9.459	83	8262	2.245	ug/l #	57
48) Methyl methacrylate	9.240	41	30536	17.141	ug/l #	47
51) 4-Methyl-2-Pentanone	9.984	43	206042	98.140	ug/l #	40
55) 1,1,2-Trichloroethane	10.618	97	263005	120.368	ug/l #	20
56) Ethyl methacrylate	10.520	69	104487	35.275	ug/l #	3
59) 2-Hexanone	10.801	43	502512	348.900	ug/l #	33
67) Ethyl Benzene	11.593	91	69370	6.818	ug/l	95
68) m/p-Xylenes	11.697	106	86171	21.482	ug/l	97
69) o-Xylene	12.026	106	111139	29.242	ug/l	97
73) Isopropylbenzene	12.325	105	368718	50.955	ug/l	99
74) N-amyl acetate	12.124	43	745021	369.101	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.556	83	68689	47.961	ug/l #	73
76) 1,2,3-Trichloropropane	12.666	75	3656	3.444	ug/l #	100
78) n-propylbenzene	12.666	91	565902	64.635	ug/l	98
79) 2-Chlorotoluene	12.812	91	90189	18.283	ug/l	72
80) 1,3,5-Trimethylbenzene	12.812	105	599036	99.046	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.325	75	4607	8.649	ug/l #	22
82) 4-Chlorotoluene	12.812	91	90189	17.522	ug/l	71
83) tert-Butylbenzene	13.075	119	41020	7.714	ug/l	87
84) 1,2,4-Trimethylbenzene	13.117	105	1499772	252.639	ug/l	96
85) sec-Butylbenzene	13.251	105	415603	52.782	ug/l #	72
86) p-Isopropyltoluene	13.367	119	190569	29.165	ug/l	96
88) 1,4-Dichlorobenzene	13.440	146	3613	1.038	ug/l #	1

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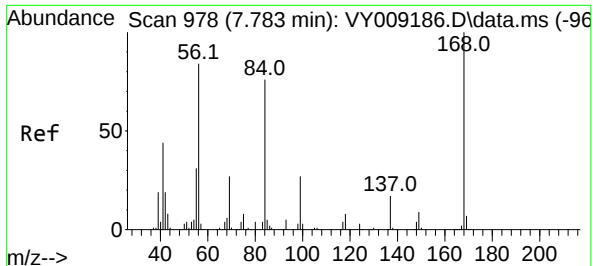
Instrument :
 MSVOA_Y
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Quant Time: Jun 16 15:41:57 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

89) n-Butylbenzene	13.696	91	367284	59.442	ug/l #	72
90) Hexachloroethane	13.971	117	93463	75.858	ug/l #	6
91) 1,2-Dichlorobenzene	13.733	146	12220	3.941	ug/l #	74
92) 1,2-Dibromo-3-Chloropr...	14.379	75	2359	9.129	ug/l #	44
93) 1,2,4-Trichlorobenzene	15.013	180	5413	2.777	ug/l #	1
95) Naphthalene	15.233	128	282934	69.582	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.391	180	13450	7.839	ug/l #	1

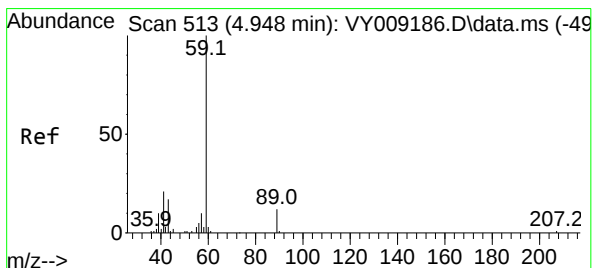
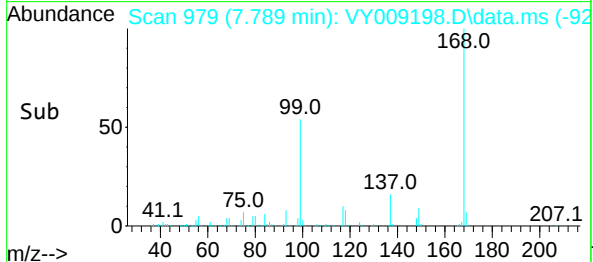
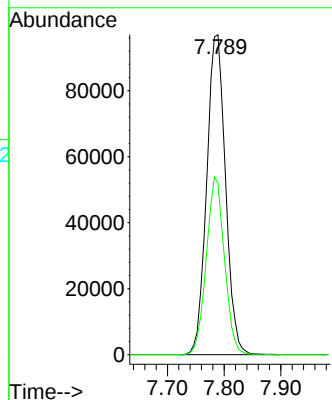
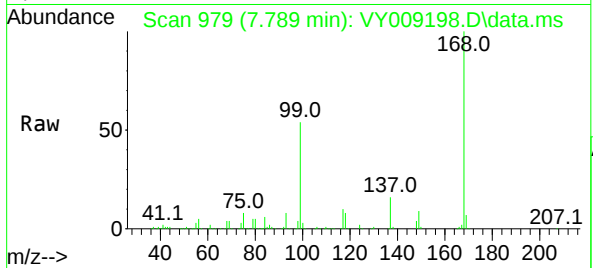
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

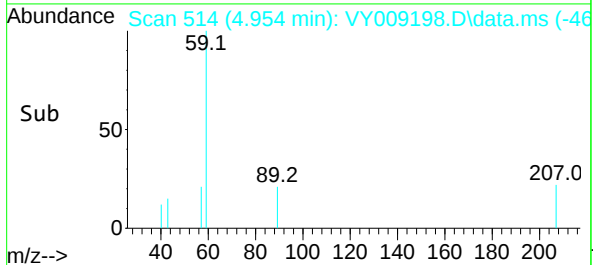
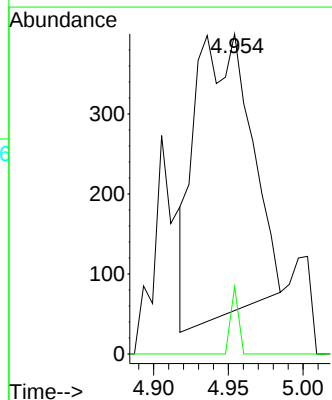
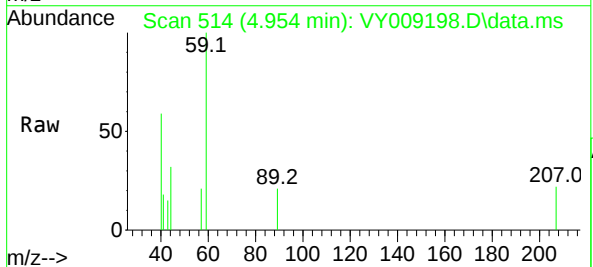
Instrument :
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WC-14A-1A-5

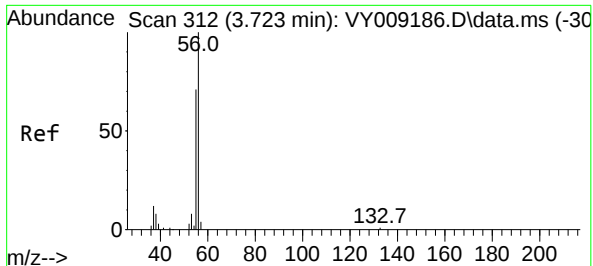
Tgt Ion:168 Resp: 223467
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.463 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Tgt Ion: 59 Resp: 912
Ion Ratio Lower Upper
59 100
57 3.4 6.4 9.6#





#13

Acrolein

Concen: Below Cal

RT: 3.717 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

Instrument :

MSVOA_Y

ClientSampleId :

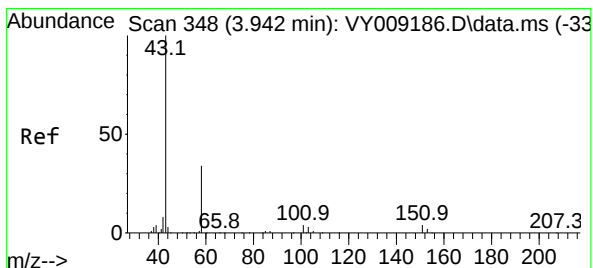
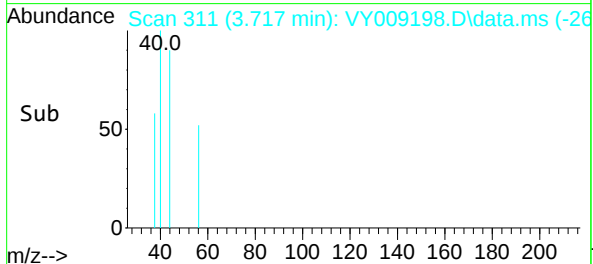
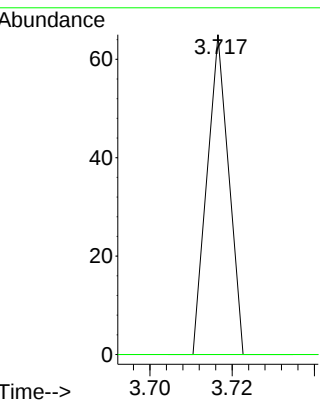
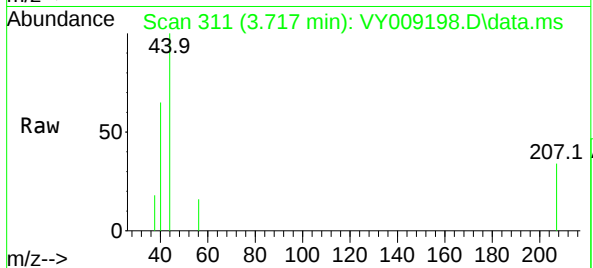
WC-14A-1A-5

Tgt Ion: 56 Resp: 24

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#



#16

Acetone

Concen: 23.066 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY009198.D

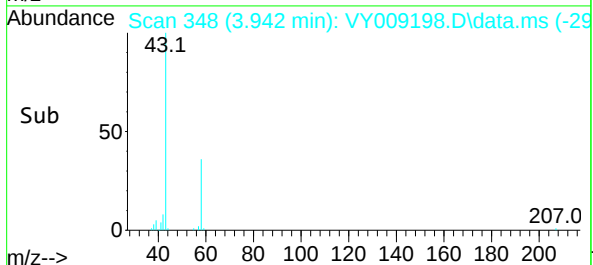
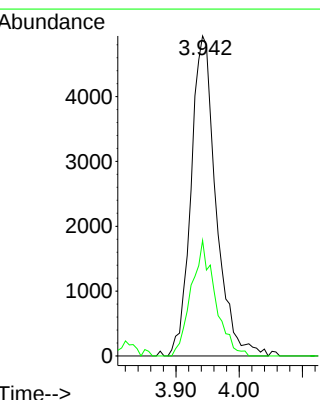
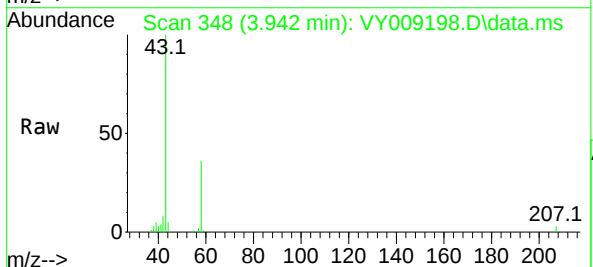
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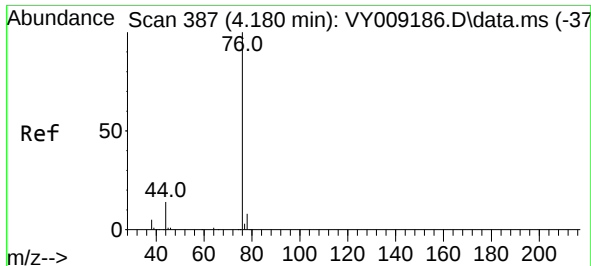
Tgt Ion: 43 Resp: 13563

Ion Ratio Lower Upper

43 100

58 36.1 22.0 33.0#

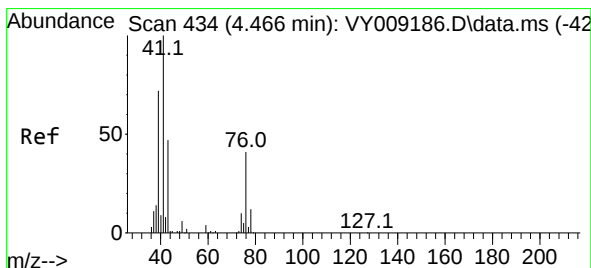
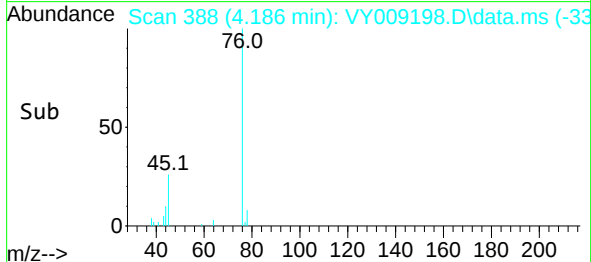
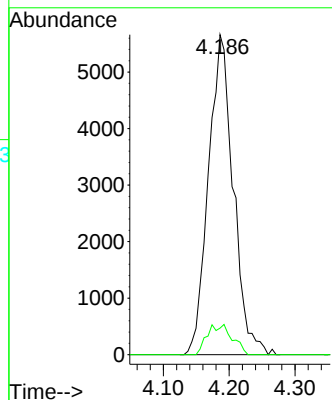
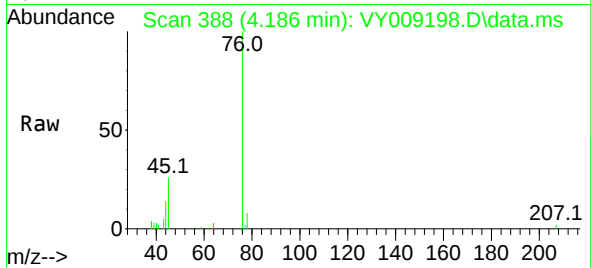




#17
Carbon Disulfide
Concen: 2.417 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

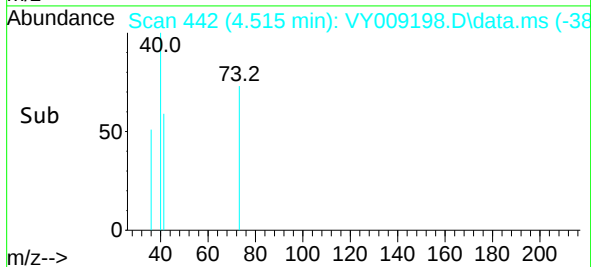
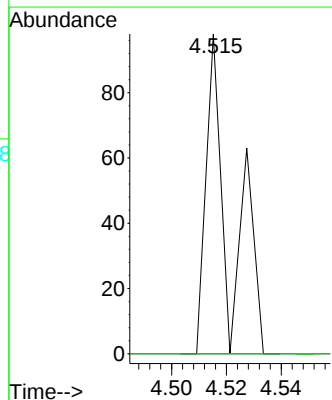
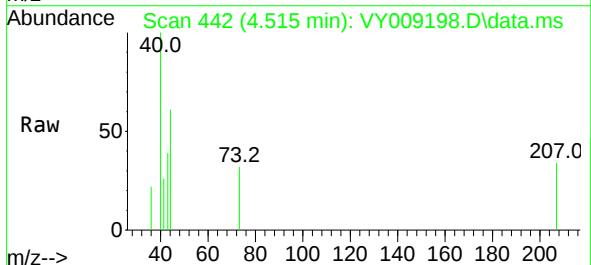
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-5

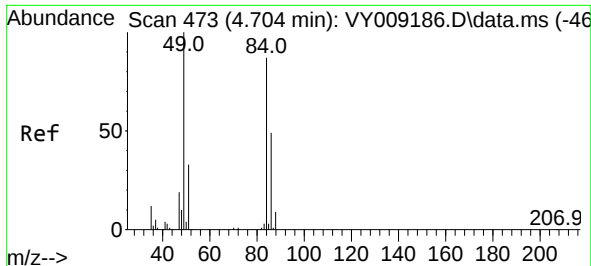
Tgt Ion: 76 Resp: 14881
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.515 min Scan# 442
Delta R.T. 0.049 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

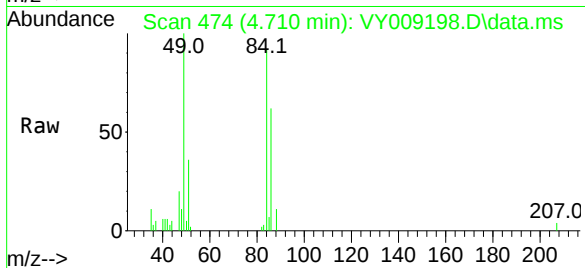
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



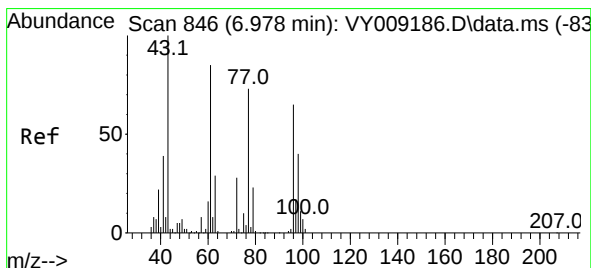
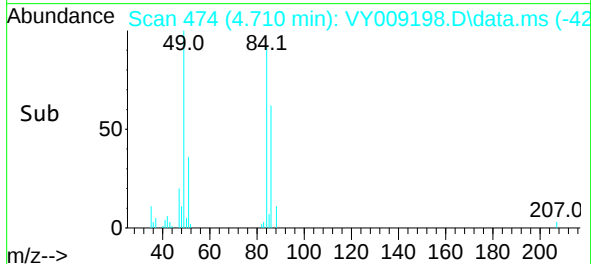
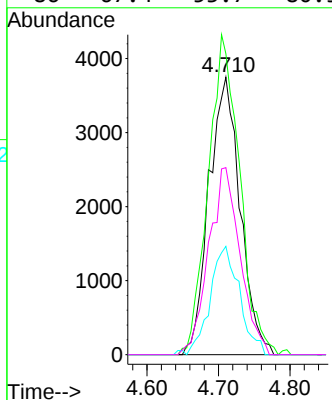


#20
Methylene Chloride
Concen: 1.495 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-5

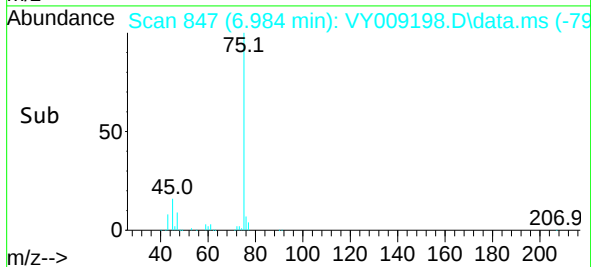
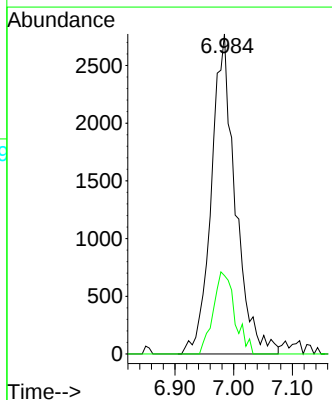
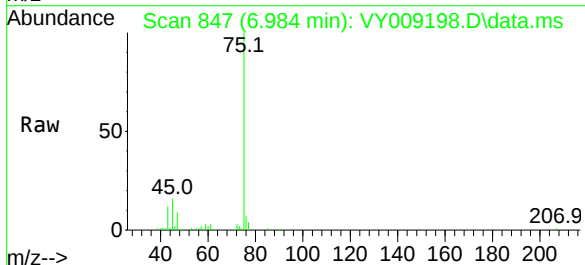


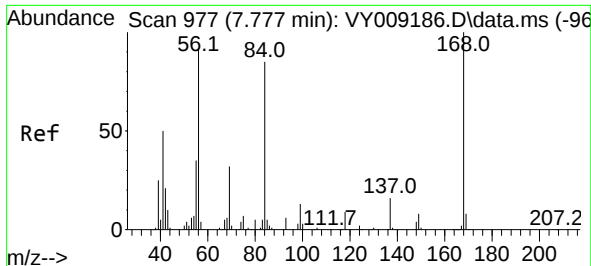
Tgt Ion: 84 Resp: 11345
Ion Ratio Lower Upper
84 100
49 108.5 114.4 171.6#
51 39.0 35.3 52.9
86 67.4 53.7 80.5



#25
2-Butanone
Concen: 8.475 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Tgt Ion: 43 Resp: 7886
Ion Ratio Lower Upper
43 100
72 24.5 17.7 26.5

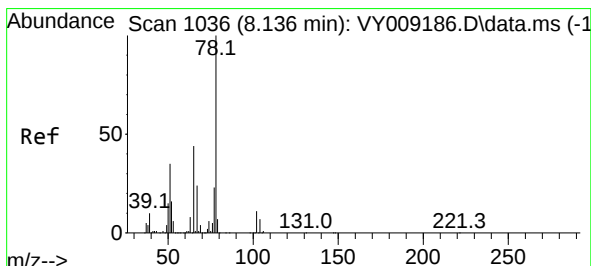
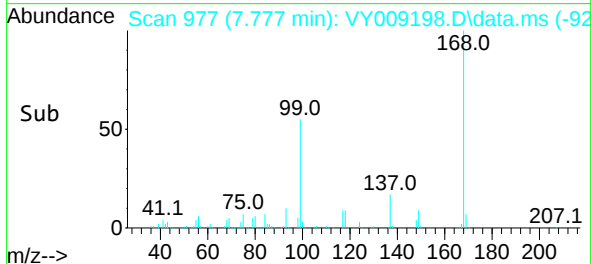
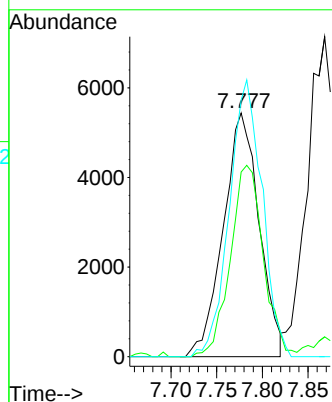
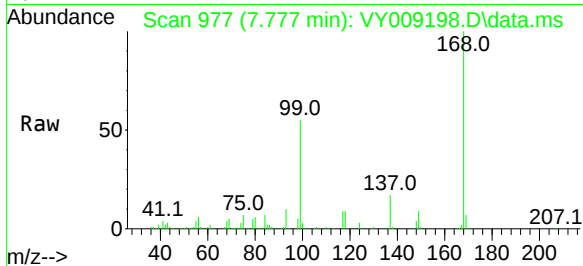




#31
Cyclohexane
Concen: 3.551 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

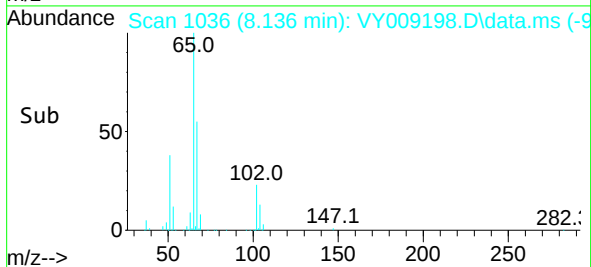
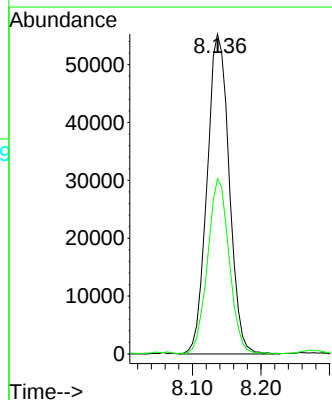
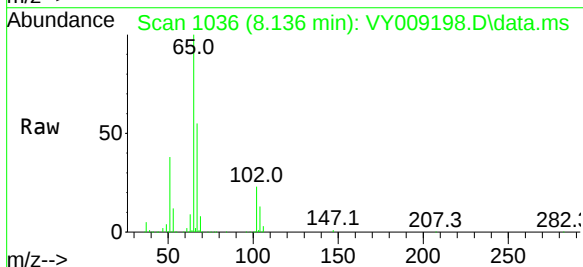
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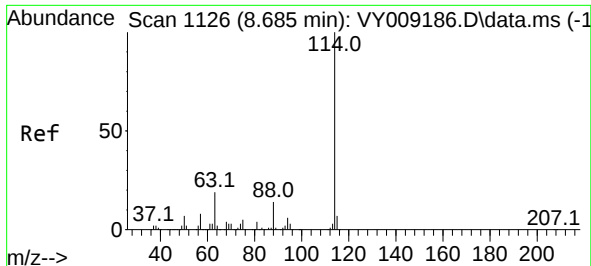
Tgt Ion: 56 Resp: 14848
Ion Ratio Lower Upper
56 100
69 75.8 26.7 40.1#
84 105.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.079 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Tgt Ion: 65 Resp: 123905
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-5

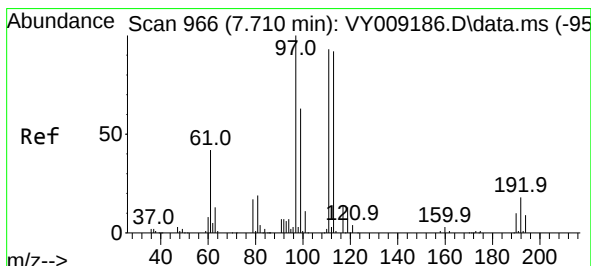
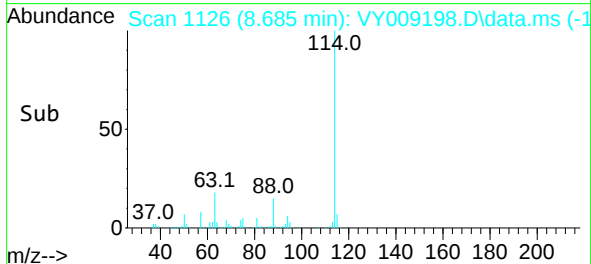
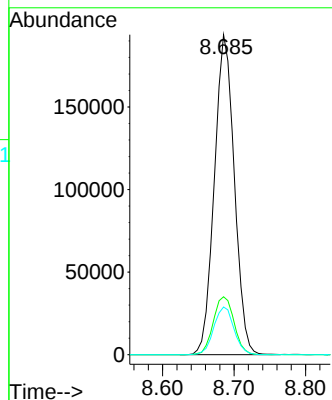
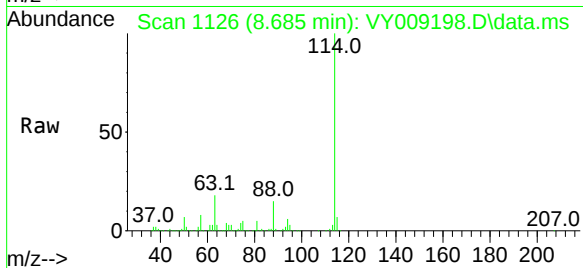
Tgt Ion:114 Resp: 375998

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 22.664 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

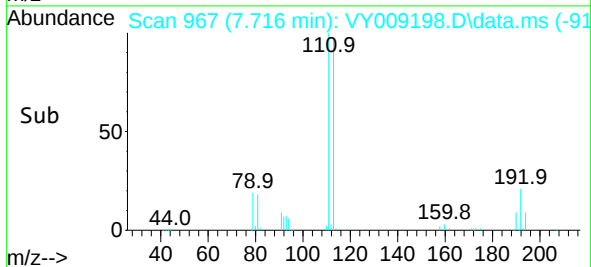
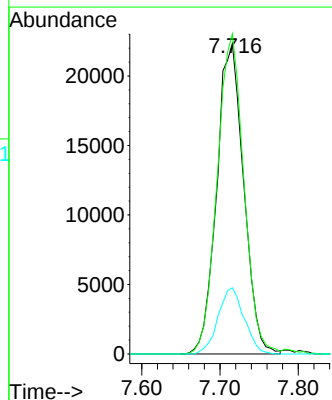
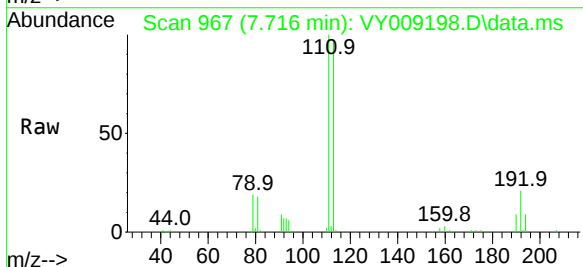
Tgt Ion:113 Resp: 53428

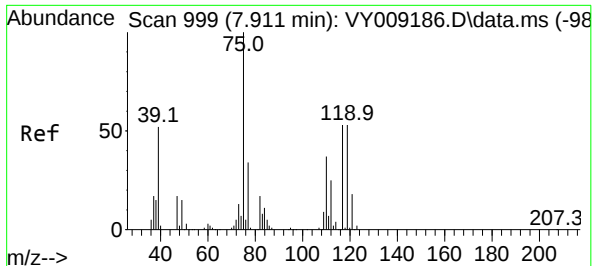
Ion Ratio Lower Upper

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111 101.9 82.6 124.0

192 20.6 17.6 26.4

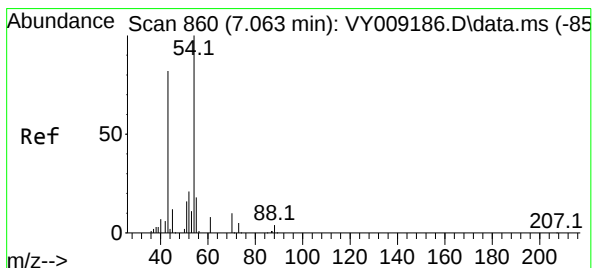
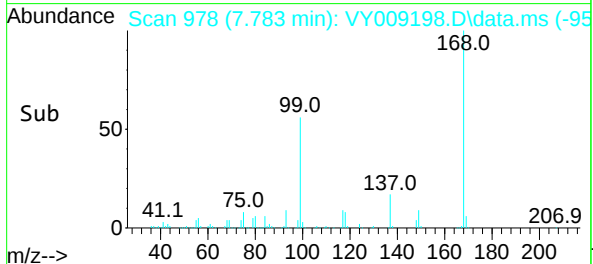
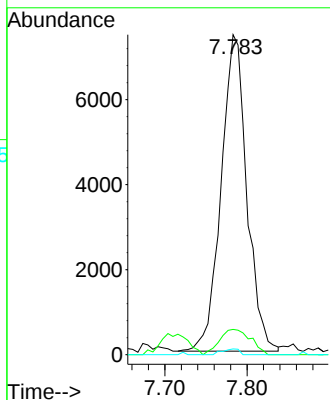
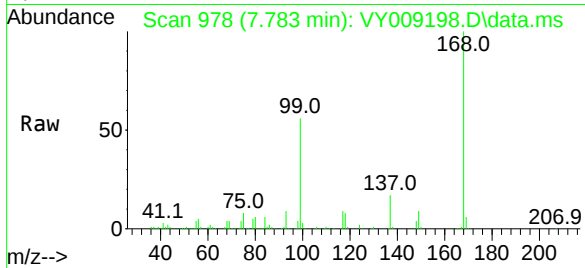




#36
1,1-Dichloropropene
Concen: 4.471 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

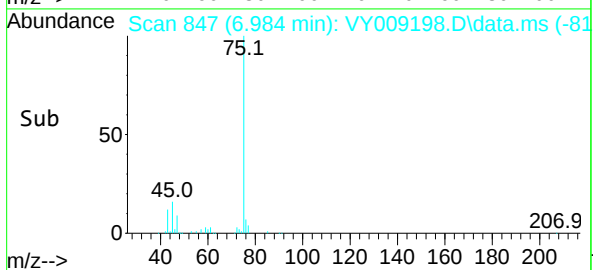
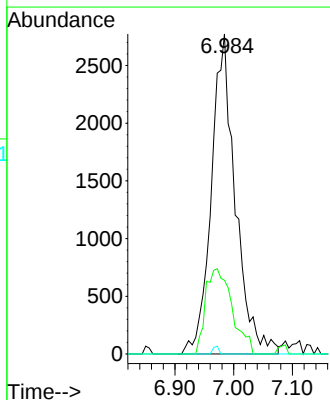
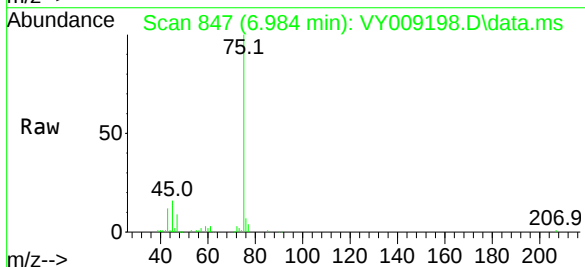
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-5

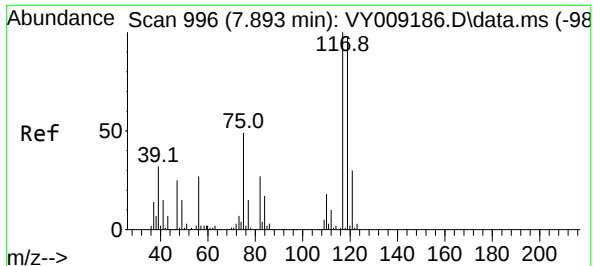
Tgt Ion: 75 Resp: 16214
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 1.2 24.4 36.6#



#37
Ethyl Acetate
Concen: 3.655 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.079 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Tgt Ion: 43 Resp: 7886
Ion Ratio Lower Upper
43 100
61 29.3 9.7 14.5#
70 0.6 7.1 10.7#

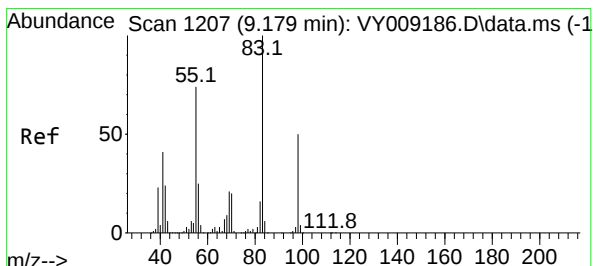
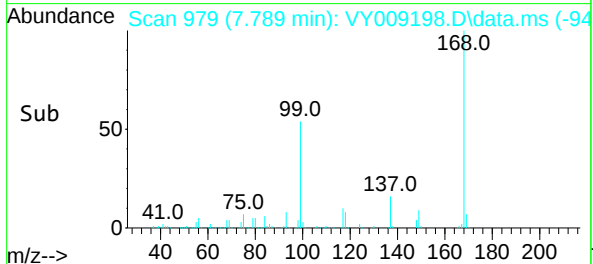
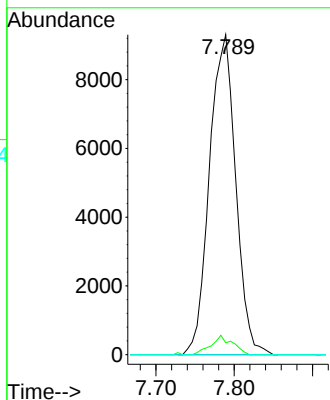
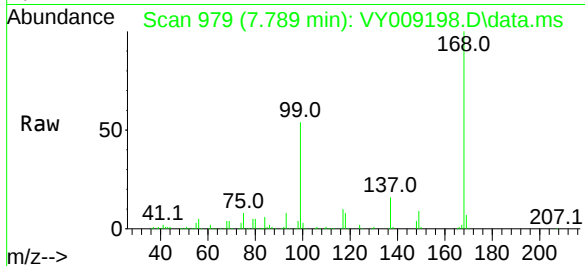




#38
Carbon Tetrachloride
Concen: 5.780 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

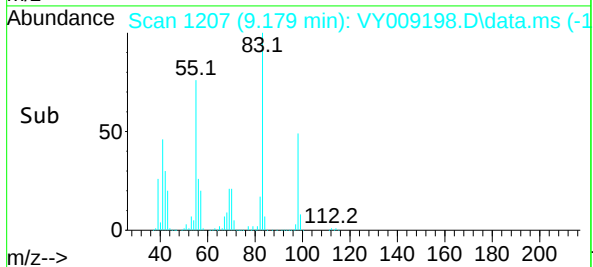
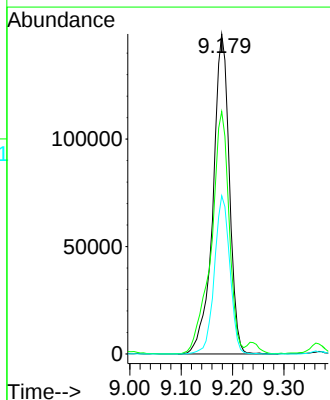
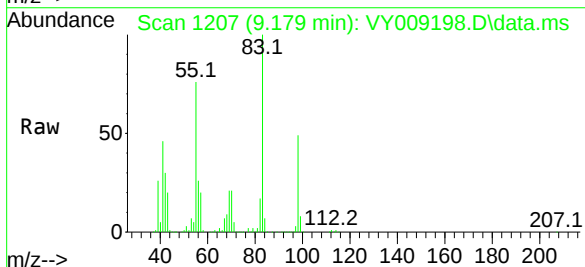
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-5

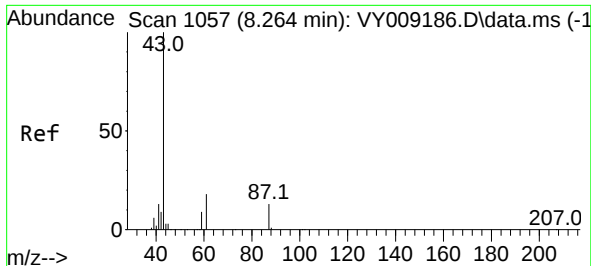
Tgt Ion:117 Resp: 21674
Ion Ratio Lower Upper
117 100
119 3.7 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 75.505 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Tgt Ion: 83 Resp: 330092
Ion Ratio Lower Upper
83 100
55 75.6 66.5 99.7
98 49.5 37.9 56.9

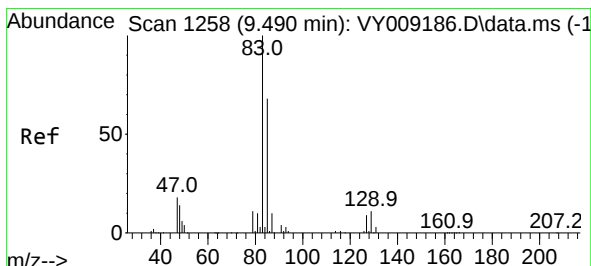
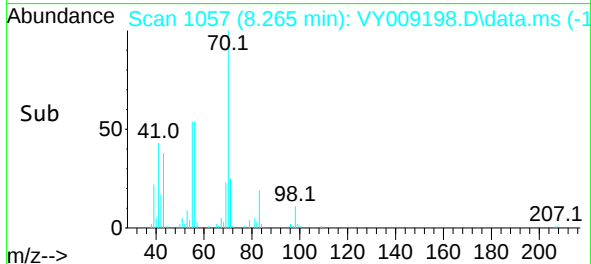
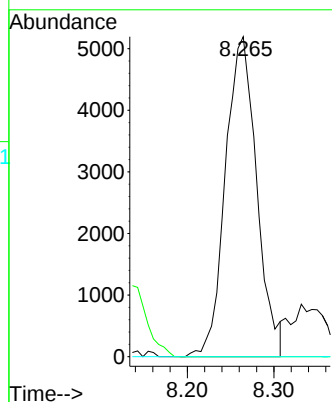
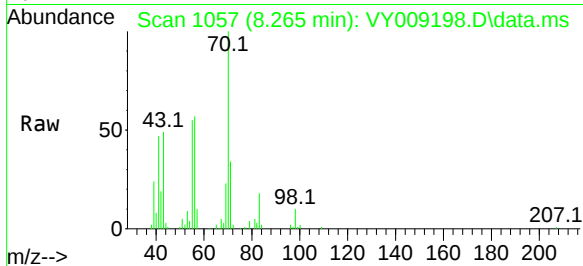




#43
Isopropyl Acetate
Concen: 3.271 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

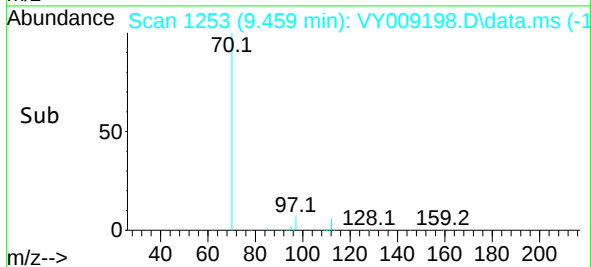
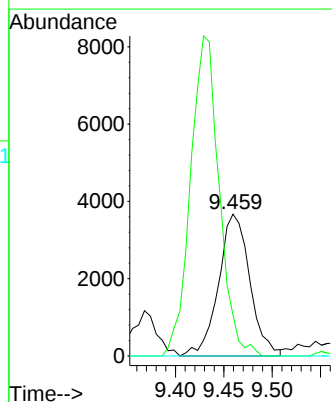
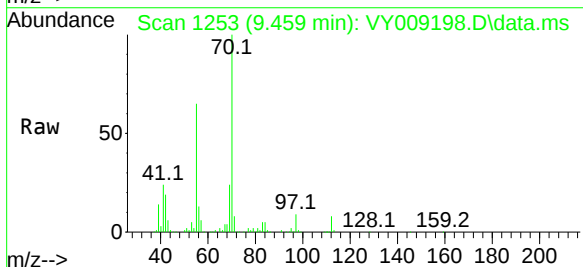
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-5

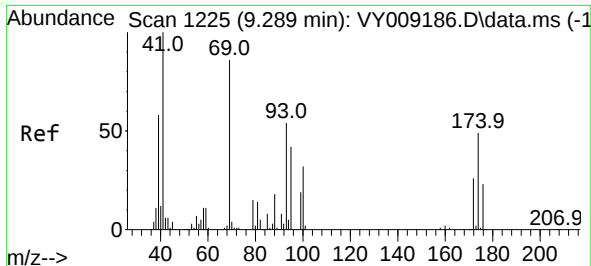
Tgt Ion: 43 Resp: 13054
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 8.9 13.3#



#47
Bromodichloromethane
Concen: 2.245 ug/l
RT: 9.459 min Scan# 1253
Delta R.T. -0.030 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Tgt Ion: 83 Resp: 8262
Ion Ratio Lower Upper
83 100
85 28.8 51.9 77.9#
127 0.0 6.6 10.0#





#48

Methyl methacrylate

Concen: 17.141 ug/l

RT: 9.240 min Scan# 1

Delta R.T. -0.049 min

Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-5

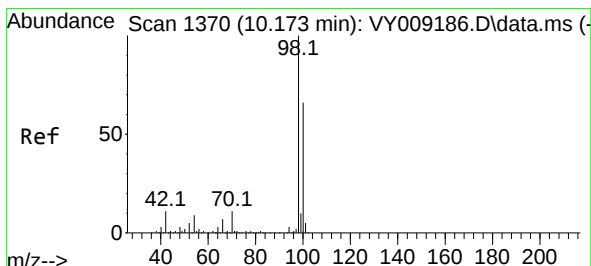
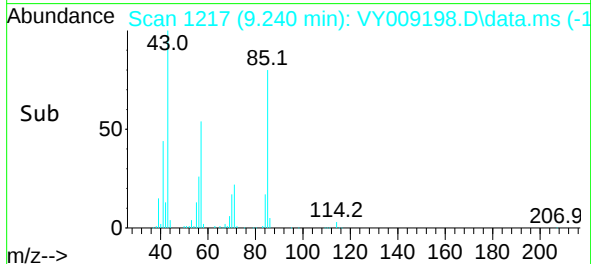
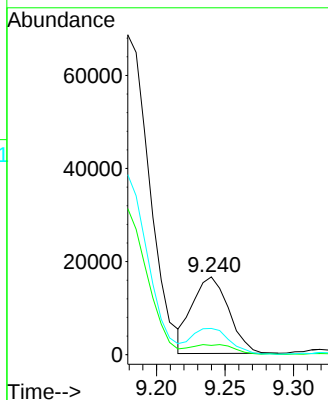
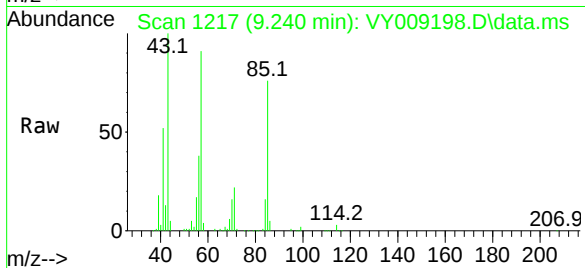
Tgt Ion: 41 Resp: 30536

Ion Ratio Lower Upper

41 100

69 13.6 58.2 87.2#

39 36.3 47.4 71.0#



#50

Toluene-d8

Concen: 52.203 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY009198.D

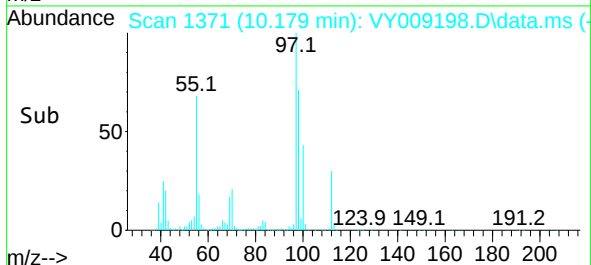
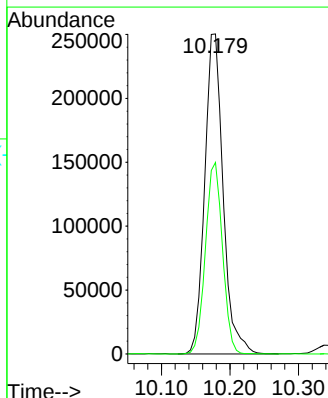
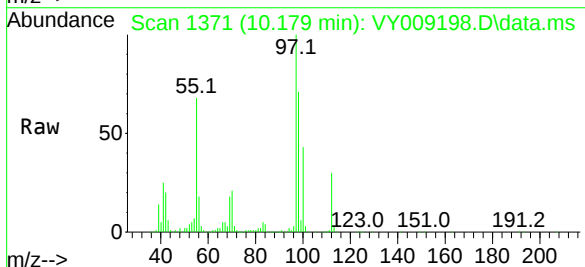
Acq: 16 Jun 2022 13:10

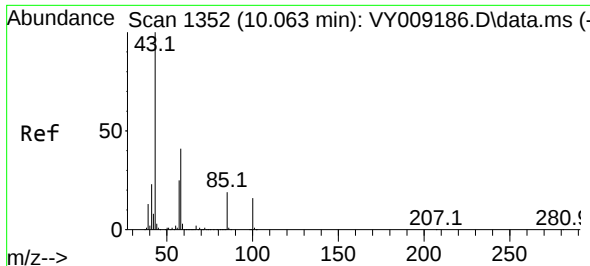
Tgt Ion: 98 Resp: 468454

Ion Ratio Lower Upper

98 100

100 55.4 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 98.140 ug/l

RT: 9.984 min Scan# 11

Delta R.T. -0.079 min

Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

Instrument :

MSVOA_Y

ClientSampleId :

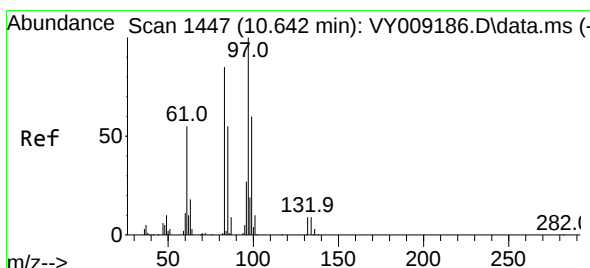
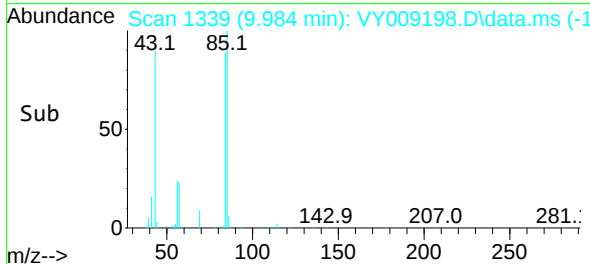
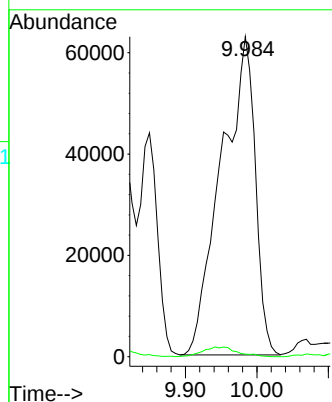
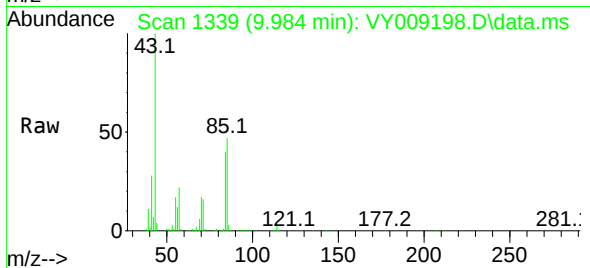
WC-14A-1A-5

Tgt Ion: 43 Resp: 206042

Ion Ratio Lower Upper

43 100

58 0.0 28.1 42.1#



#55

1,1,2-Trichloroethane

Concen: 120.368 ug/l

RT: 10.618 min Scan# 1443

Delta R.T. -0.024 min

Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

Tgt Ion: 97 Resp: 263005

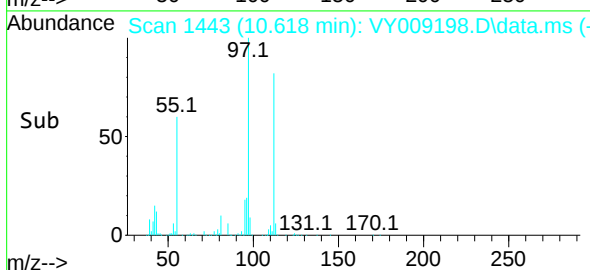
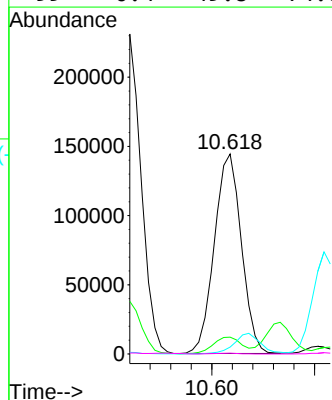
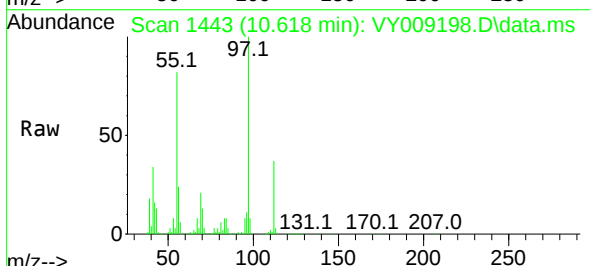
Ion Ratio Lower Upper

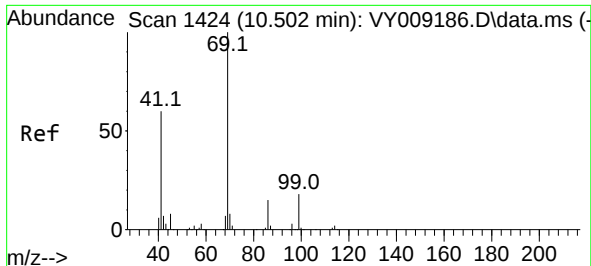
97 100

83 8.3 69.8 104.8#

85 3.5 44.3 66.5#

99 0.4 49.8 74.6#

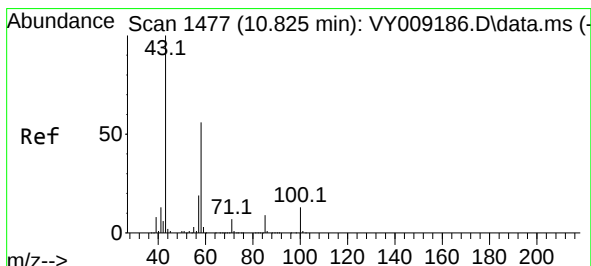
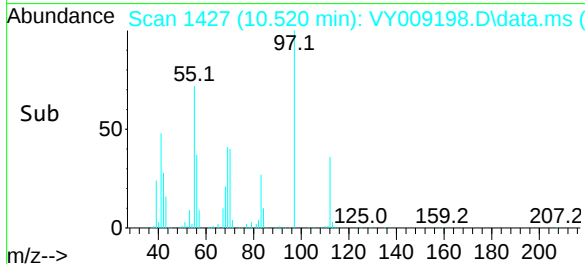
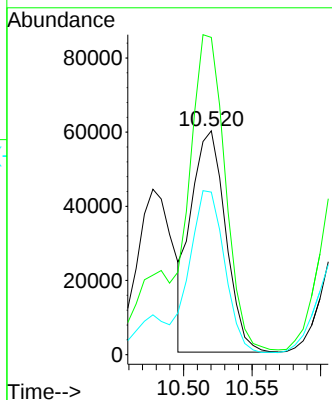
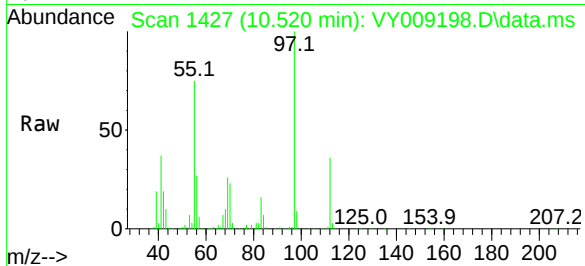




#56
Ethyl methacrylate
Concen: 35.275 ug/l
RT: 10.520 min Scan# 1424
Delta R.T. 0.018 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

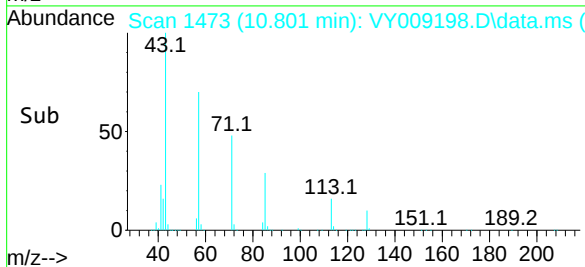
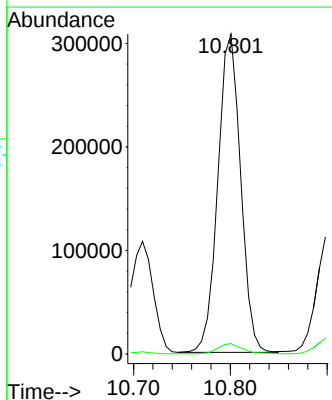
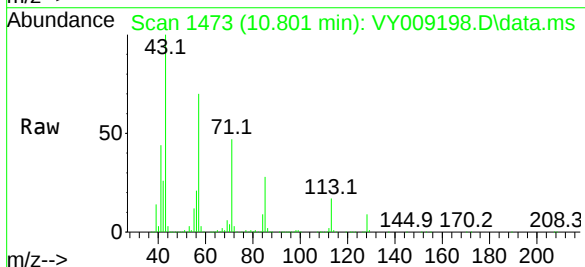
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-5

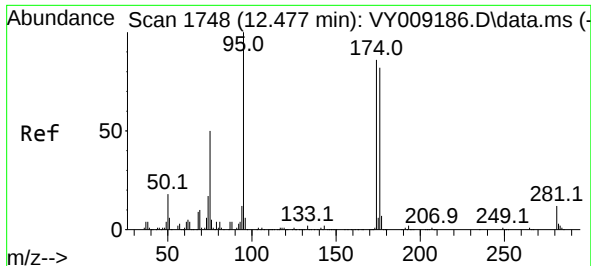
Tgt Ion: 69 Resp: 104487
Ion Ratio Lower Upper
69 100
41 190.3 63.4 95.0#
39 74.2 35.8 53.8#



#59
2-Hexanone
Concen: 348.900 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.024 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Tgt Ion: 43 Resp: 502512
Ion Ratio Lower Upper
43 100
58 3.6 24.4 73.4#

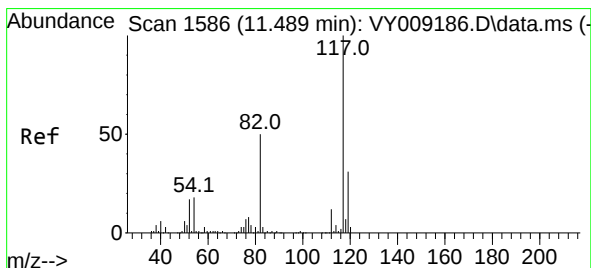
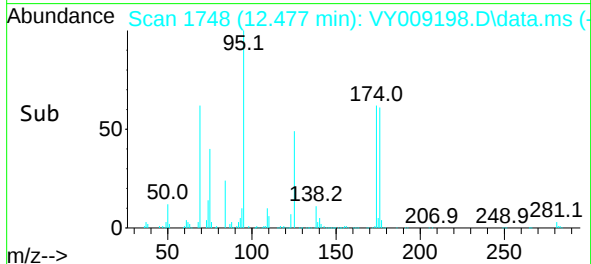
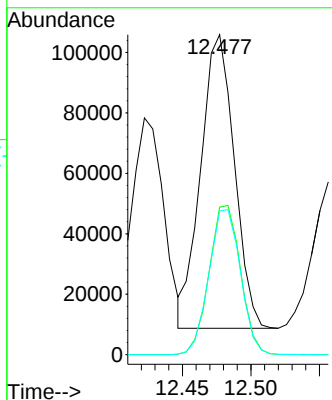
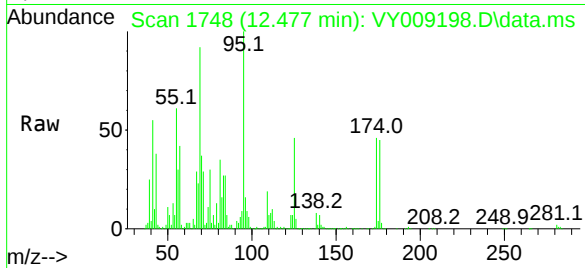




#62
4-Bromofluorobenzene
Concen: 51.940 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

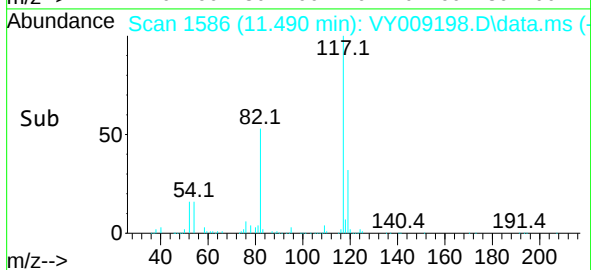
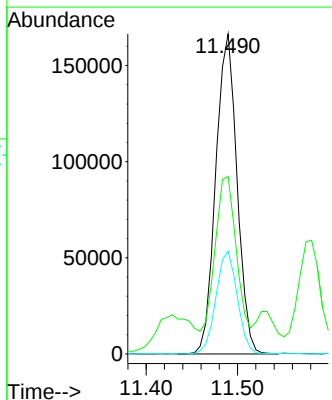
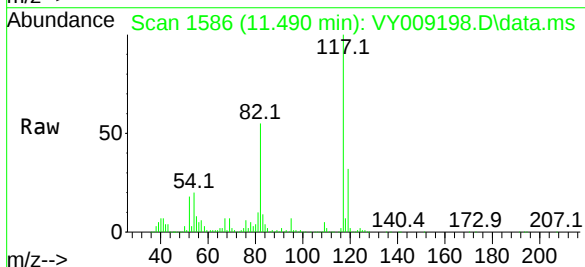
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-5

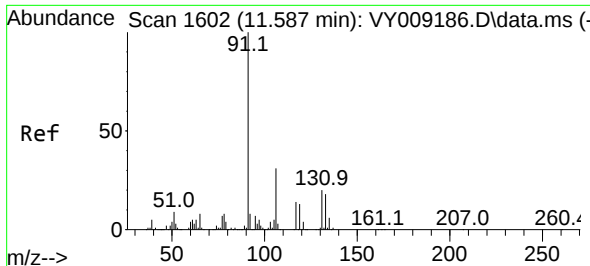
Tgt Ion: 95 Resp: 165628
Ion Ratio Lower Upper
95 100
174 47.7 0.0 177.0
176 46.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Tgt Ion: 117 Resp: 269168
Ion Ratio Lower Upper
117 100
82 49.0 43.0 64.4
119 32.1 25.4 38.0

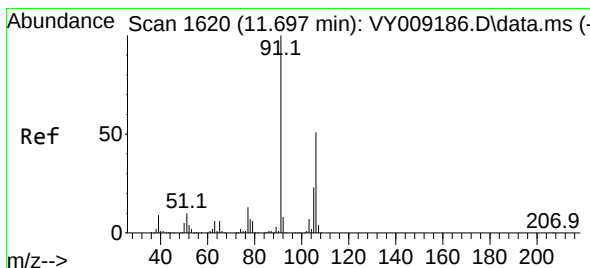
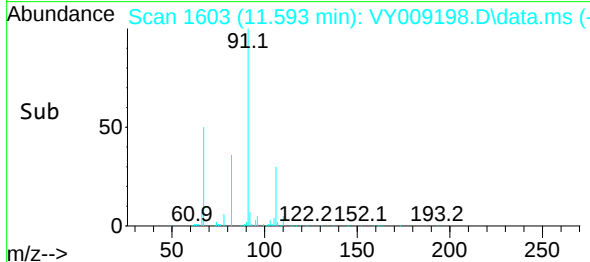
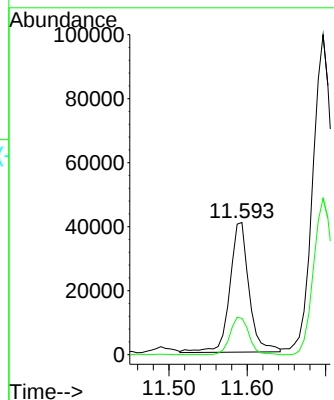
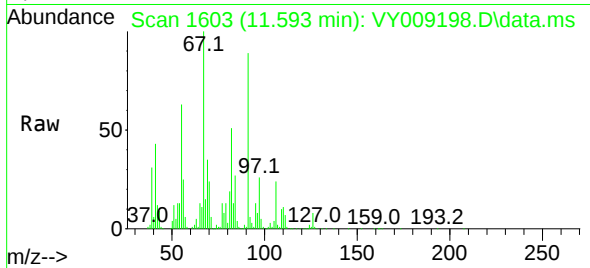




#67
Ethyl Benzene
Concen: 6.818 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

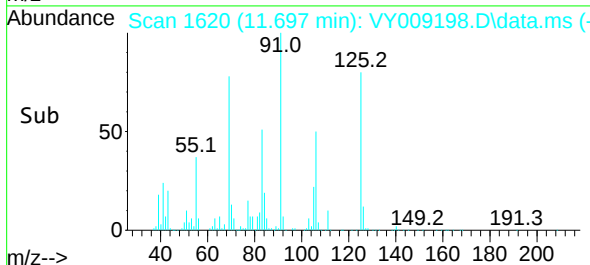
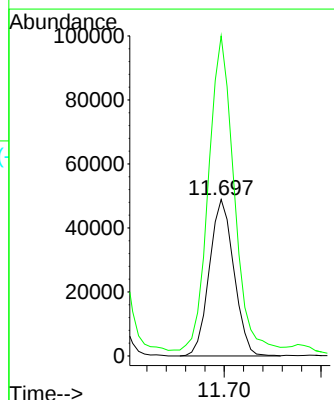
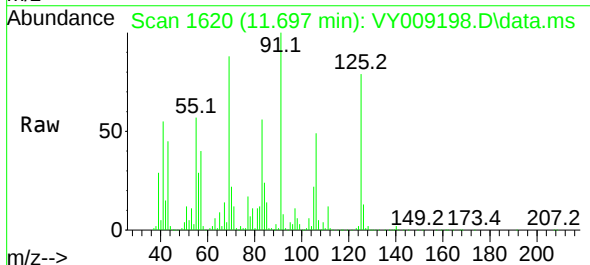
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-5

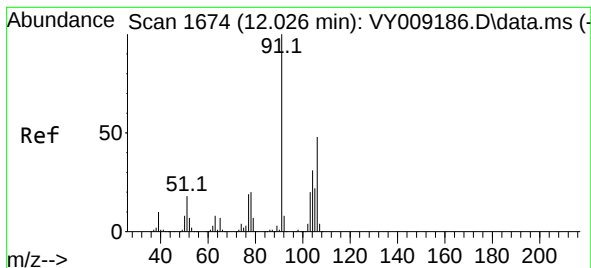
Tgt Ion: 91 Resp: 69370
Ion Ratio Lower Upper
91 100
106 28.1 24.5 36.7



#68
m/p-Xylenes
Concen: 21.482 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Tgt Ion: 106 Resp: 86171
Ion Ratio Lower Upper
106 100
91 212.1 166.6 249.8





#69

o-Xylene

Concen: 29.242 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

Instrument :

MSVOA_Y

ClientSampleId :

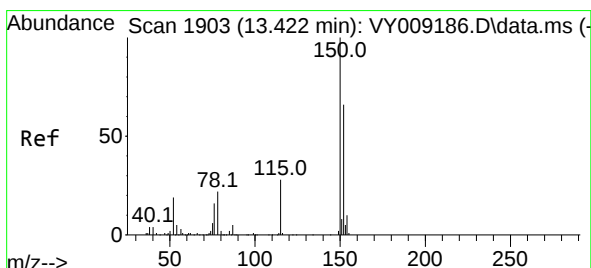
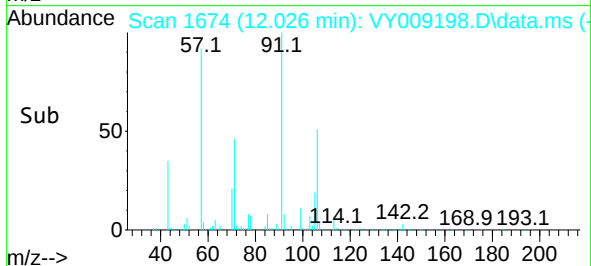
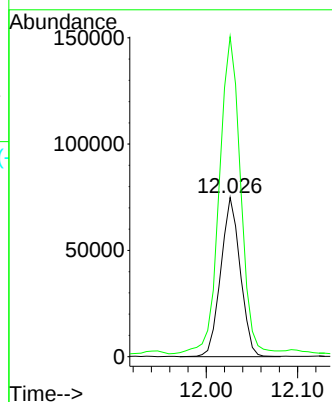
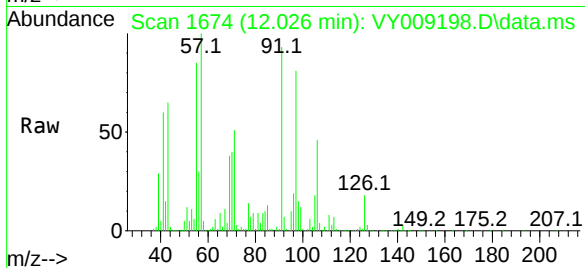
WC-14A-1A-5

Tgt Ion:106 Resp: 111139

Ion Ratio Lower Upper

106 100

91 216.3 110.3 331.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

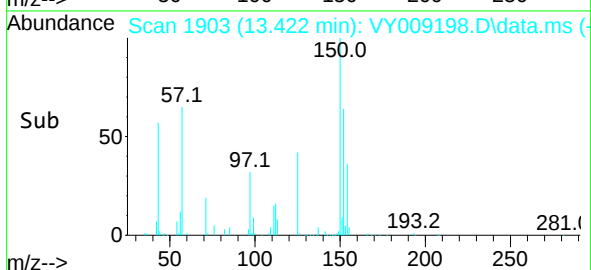
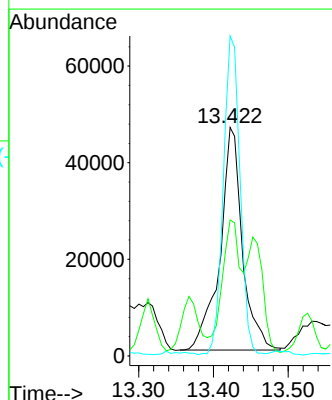
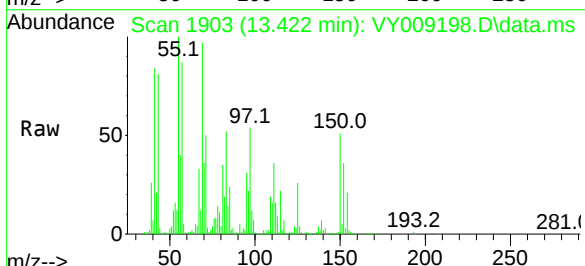
Tgt Ion:152 Resp: 96143

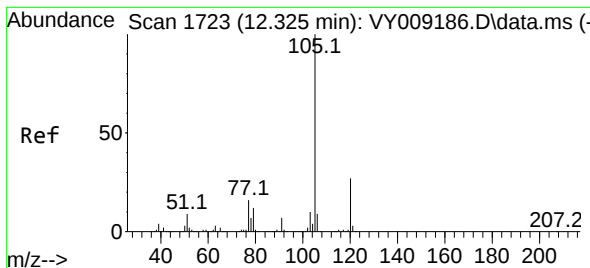
Ion Ratio Lower Upper

152 100

115 43.6 28.2 84.7

150 106.7 0.0 347.6





#73

Isopropylbenzene

Concen: 50.955 ug/l

RT: 12.325 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

Instrument :

MSVOA_Y

ClientSampleId :

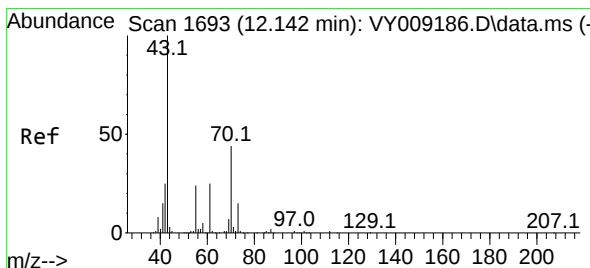
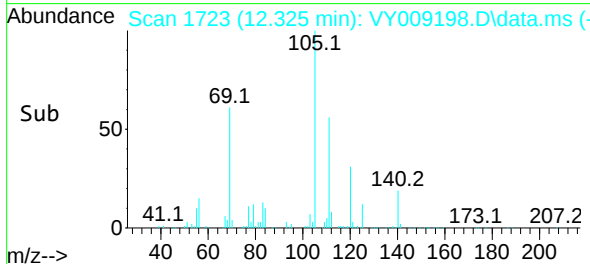
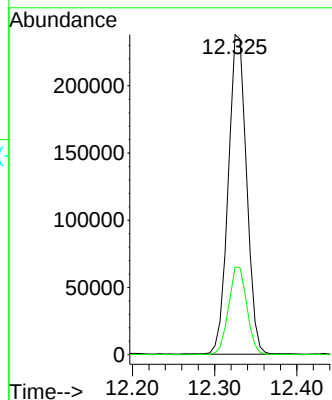
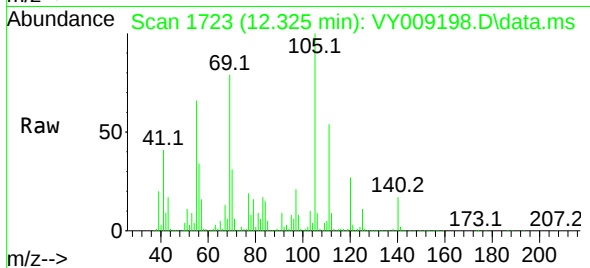
WC-14A-1A-5

Tgt Ion:105 Resp: 368718

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.2



#74

N-ethyl acetate

Concen: 369.101 ug/l

RT: 12.124 min Scan# 1690

Delta R.T. -0.018 min

Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

Tgt Ion: 43 Resp: 745021

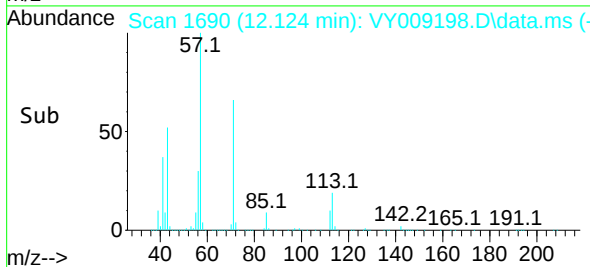
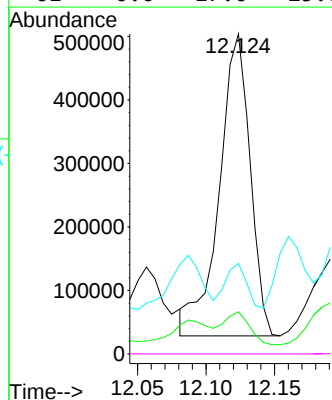
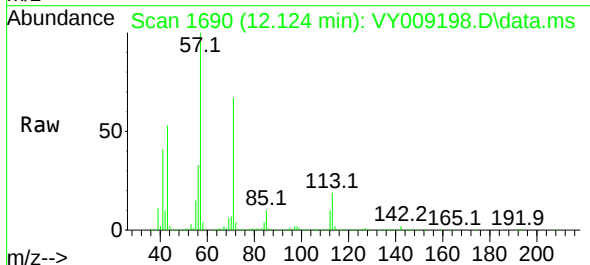
Ion Ratio Lower Upper

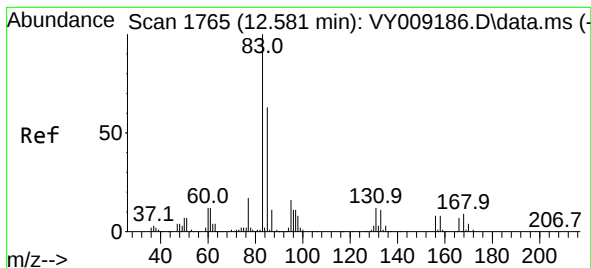
43 100

70 9.0 28.7 43.1#

55 14.7 17.3 25.9#

61 0.0 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 47.961 ug/l

RT: 12.556 min Scan# 1761

Delta R.T. -0.024 min

Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-5

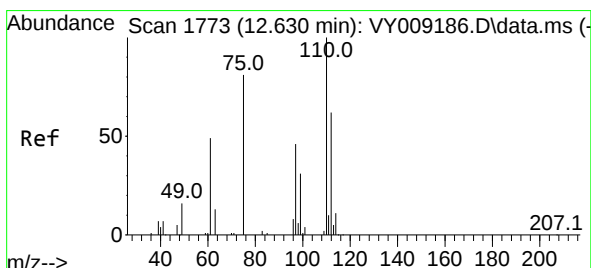
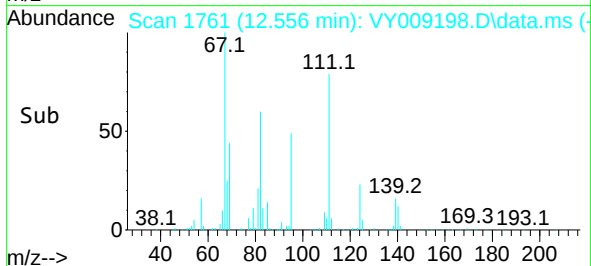
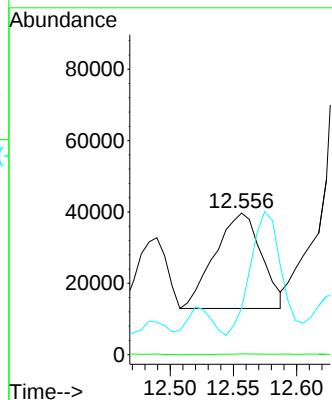
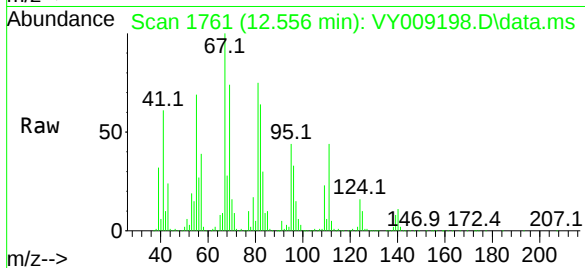
Tgt Ion: 83 Resp: 68689

Ion Ratio Lower Upper

83 100

131 0.8 5.6 16.8#

85 86.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 3.444 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.037 min

Lab File: VY009198.D

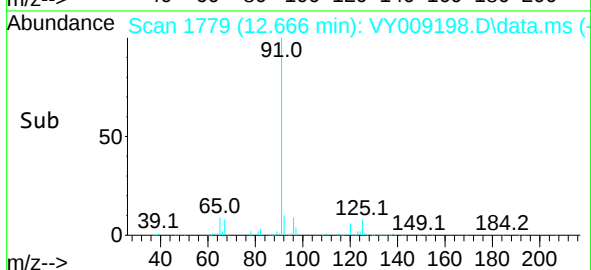
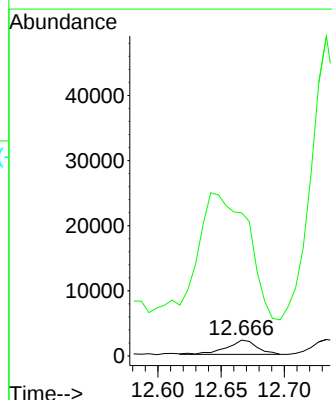
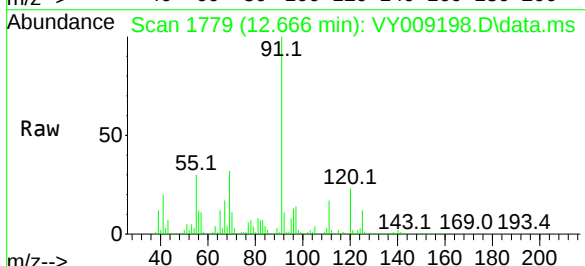
Acq: 16 Jun 2022 13:10

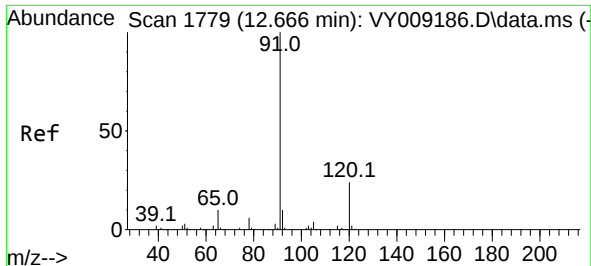
Tgt Ion: 75 Resp: 3656

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

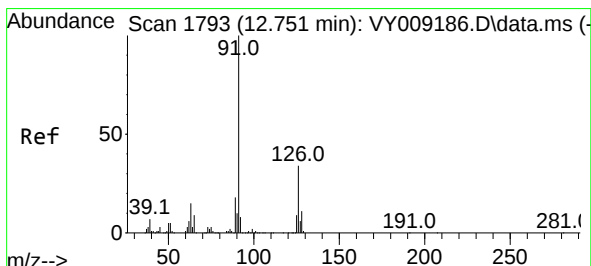
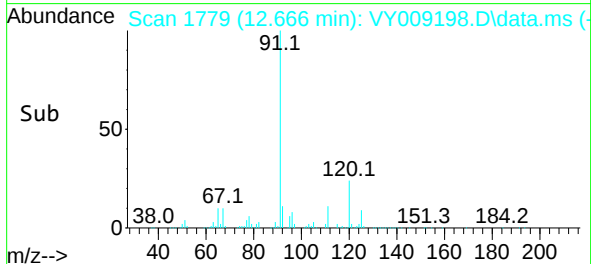
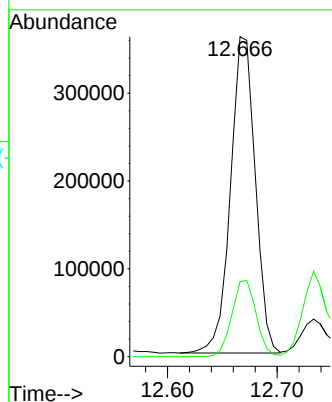
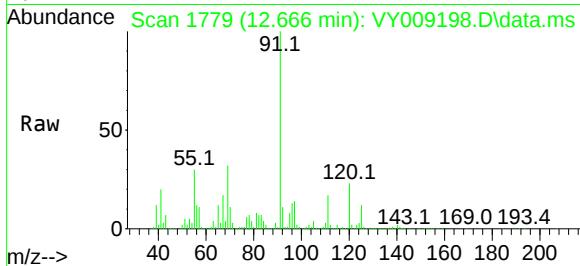




#78
n-propylbenzene
Concen: 64.635 ug/l
RT: 12.666 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

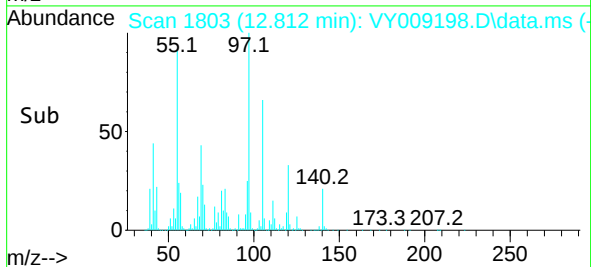
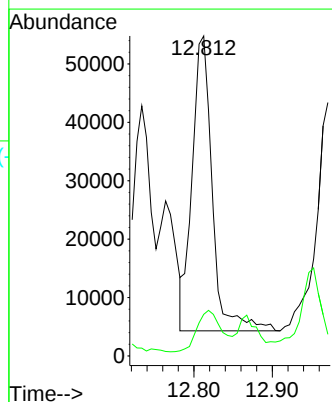
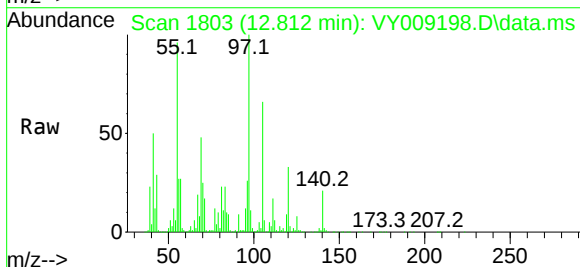
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-5

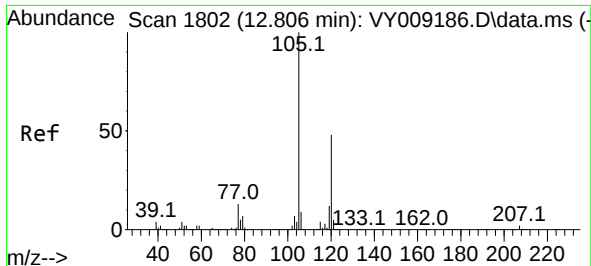
Tgt Ion: 91 Resp: 565902
Ion Ratio Lower Upper
91 100
120 23.7 11.3 33.9



#79
2-Chlorotoluene
Concen: 18.283 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.061 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Tgt Ion: 91 Resp: 90189
Ion Ratio Lower Upper
91 100
126 17.5 16.9 50.6

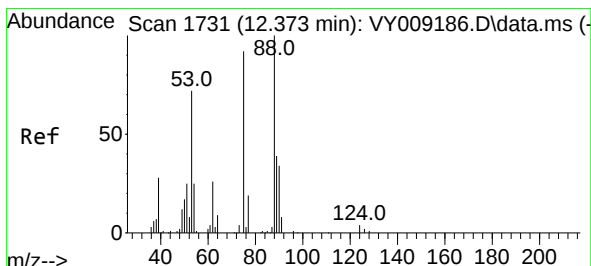
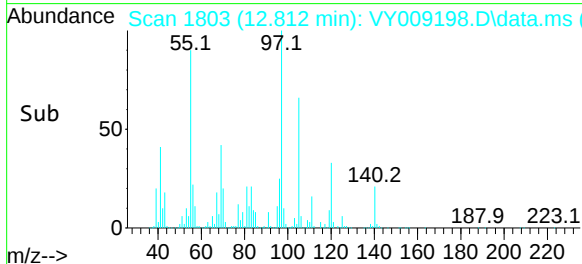
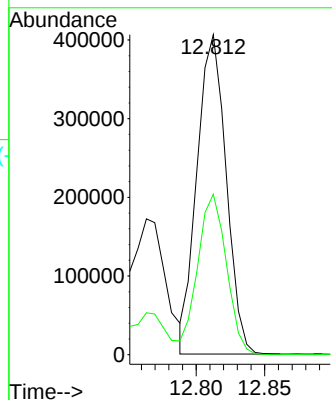
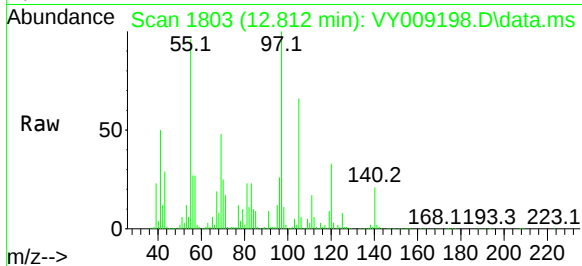




#80
 1,3,5-Trimethylbenzene
 Concen: 99.046 ug/l
 RT: 12.812 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY009198.D
 Acq: 16 Jun 2022 13:10

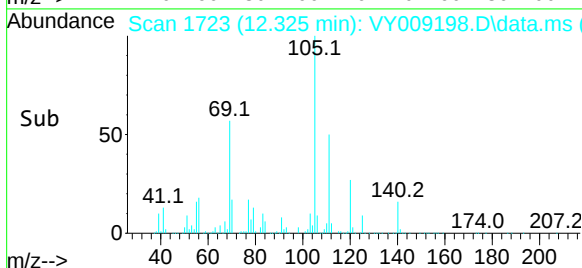
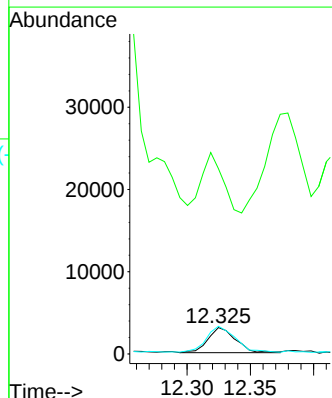
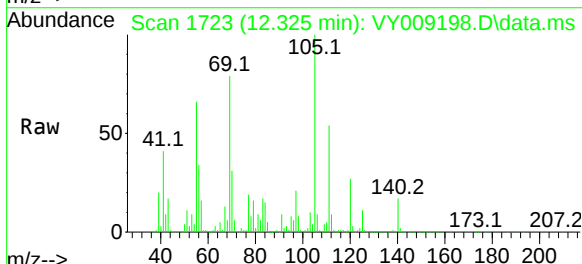
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14A-1A-5

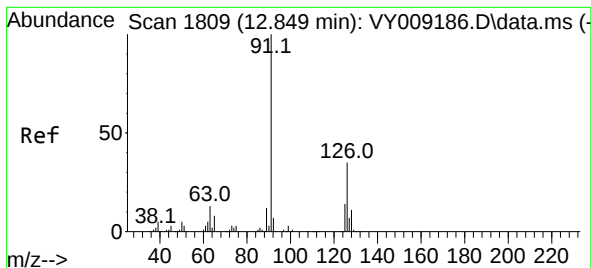
Tgt Ion:105 Resp: 599036
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 8.649 ug/l
 RT: 12.325 min Scan# 1723
 Delta R.T. -0.049 min
 Lab File: VY009198.D
 Acq: 16 Jun 2022 13:10

Tgt Ion: 75 Resp: 4607
 Ion Ratio Lower Upper
 75 100
 53 181.6 85.3 127.9#
 89 107.6 37.0 55.4#

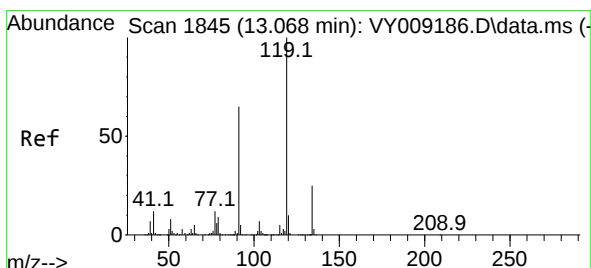
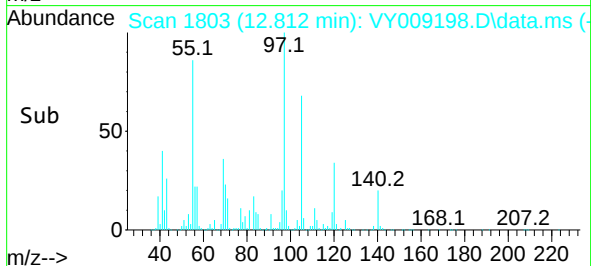
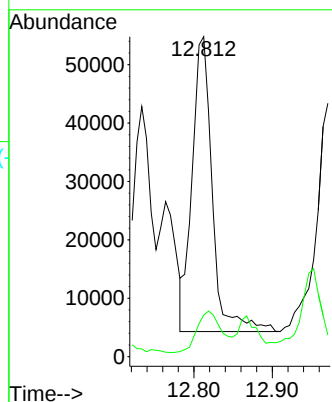
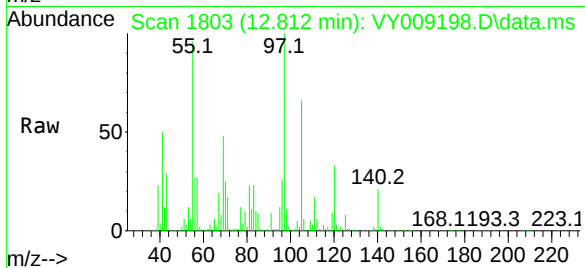




#82
4-Chlorotoluene
Concen: 17.522 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.037 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

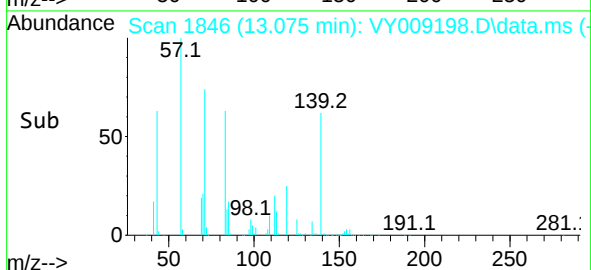
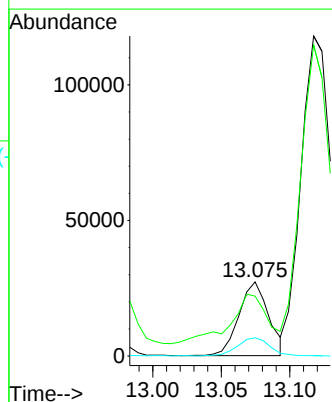
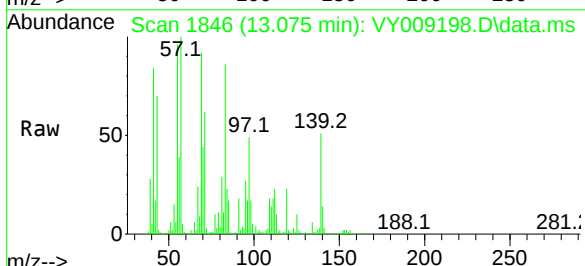
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-5

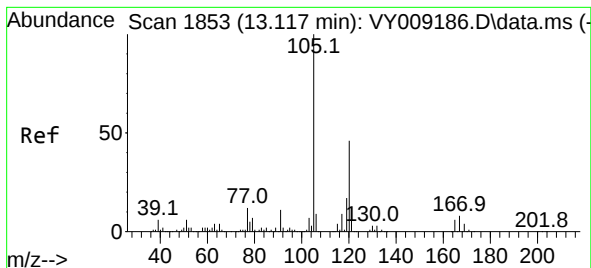
Tgt Ion: 91 Resp: 90189
Ion Ratio Lower Upper
91 100
126 17.5 17.0 51.0



#83
tert-Butylbenzene
Concen: 7.714 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Tgt Ion: 119 Resp: 41020
Ion Ratio Lower Upper
119 100
91 83.5 34.8 104.4
134 27.2 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 252.639 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

Instrument :

MSVOA_Y

ClientSampleId :

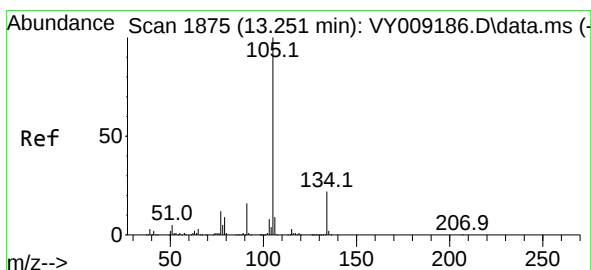
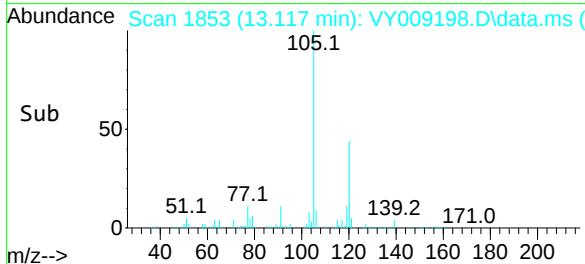
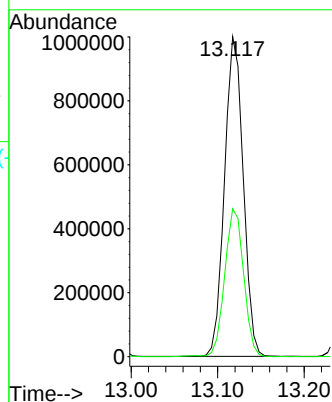
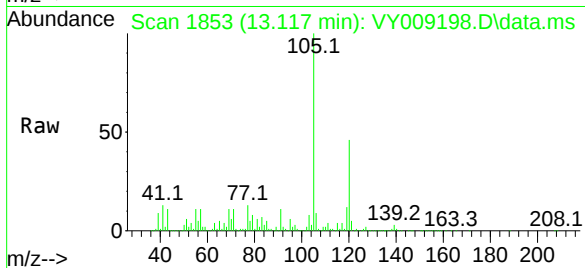
WC-14A-1A-5

Tgt Ion:105 Resp: 1499772

Ion Ratio Lower Upper

105 100

120 46.9 22.3 66.9



#85

sec-Butylbenzene

Concen: 52.782 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009198.D

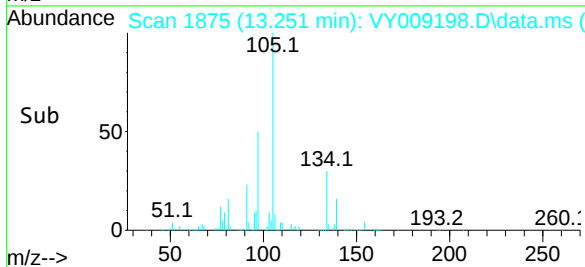
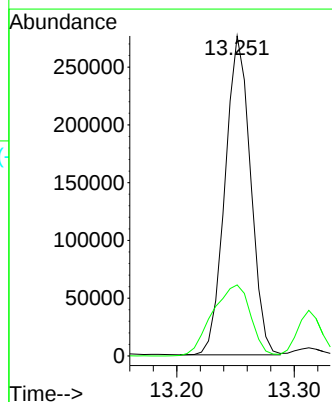
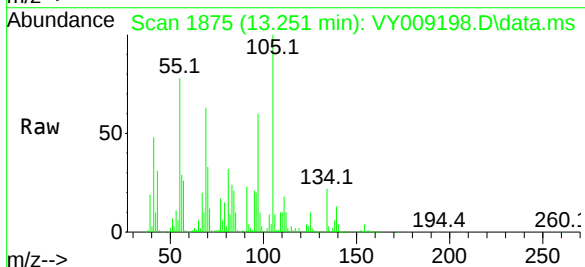
Acq: 16 Jun 2022 13:10

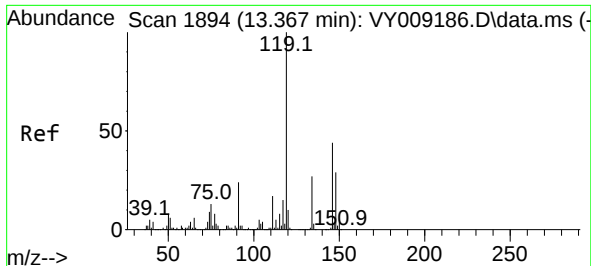
Tgt Ion:105 Resp: 415603

Ion Ratio Lower Upper

105 100

134 33.5 10.2 30.4#

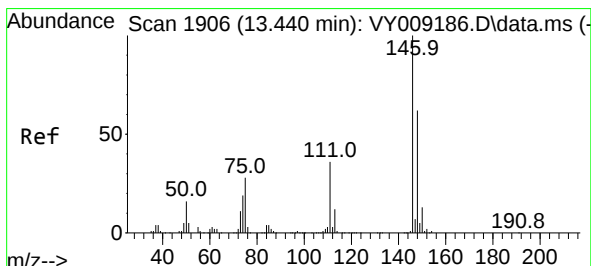
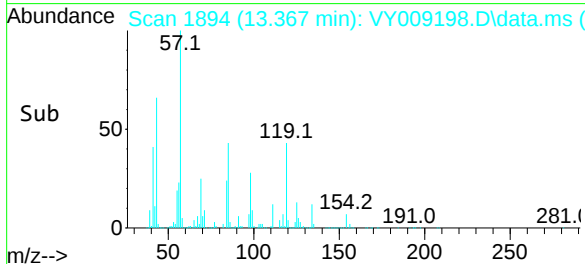
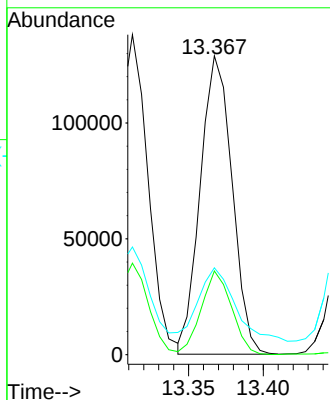
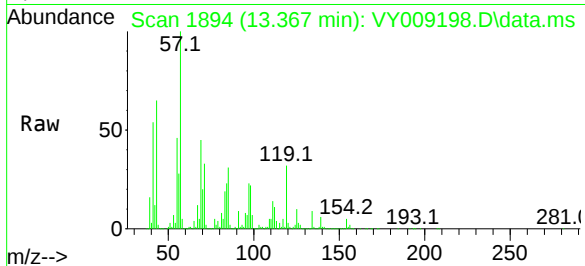




#86
 p-Isopropyltoluene
 Concen: 29.165 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009198.D
 Acq: 16 Jun 2022 13:10

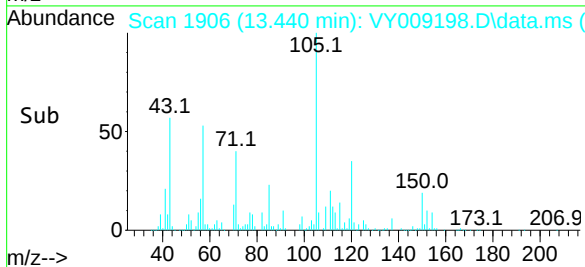
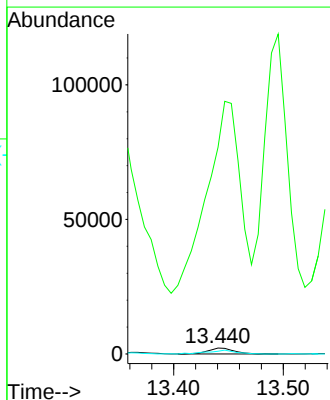
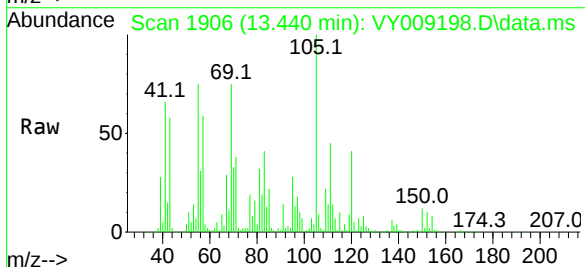
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14A-1A-5

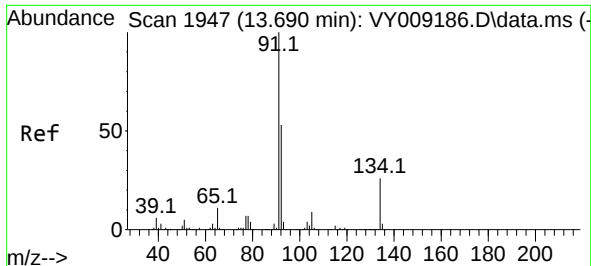
Tgt Ion:119 Resp: 190569
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 28.7 12.4 37.2



#88
 1,4-Dichlorobenzene
 Concen: 1.038 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY009198.D
 Acq: 16 Jun 2022 13:10

Tgt Ion:146 Resp: 3613
 Ion Ratio Lower Upper
 146 100
 111 4161.8 19.3 57.8#
 148 68.6 32.6 97.8

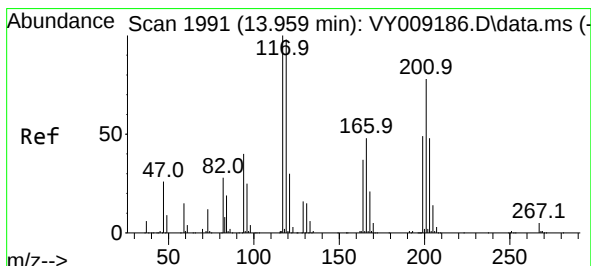
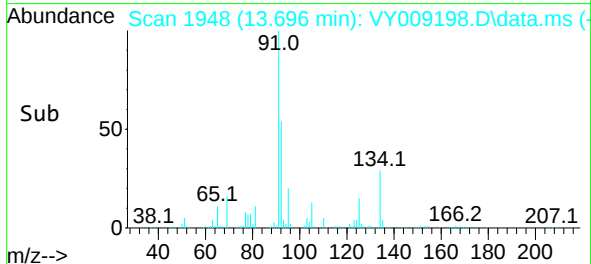
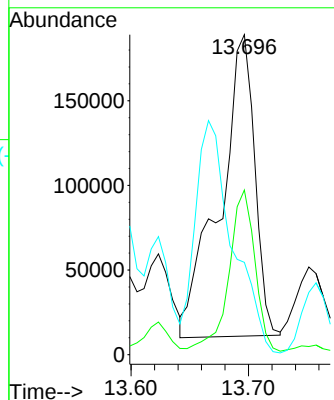
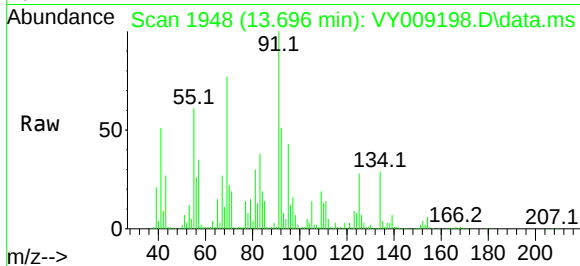




#89
n-Butylbenzene
Concen: 59.442 ug/l
RT: 13.696 min Scan# 1947
Delta R.T. 0.006 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

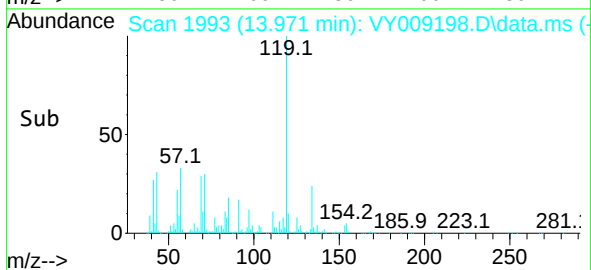
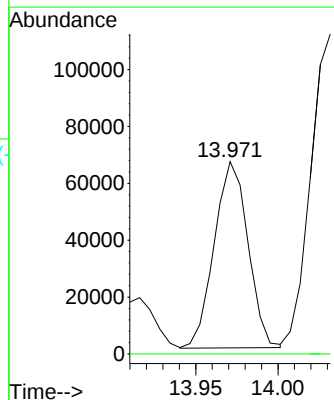
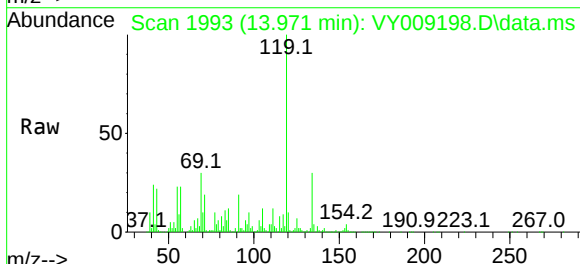
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-5

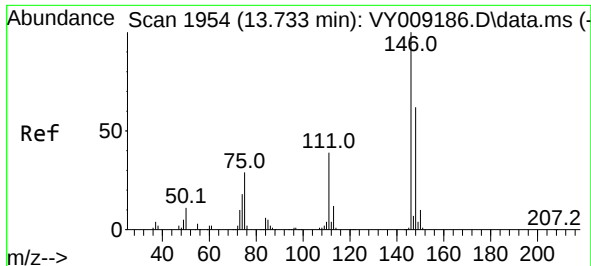
Tgt Ion: 91 Resp: 367284
Ion Ratio Lower Upper
91 100
92 40.6 26.3 78.9
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 75.858 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Tgt Ion: 117 Resp: 93463
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#

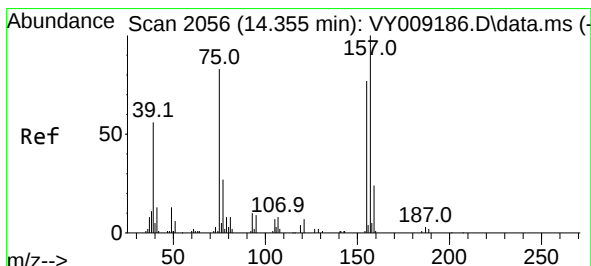
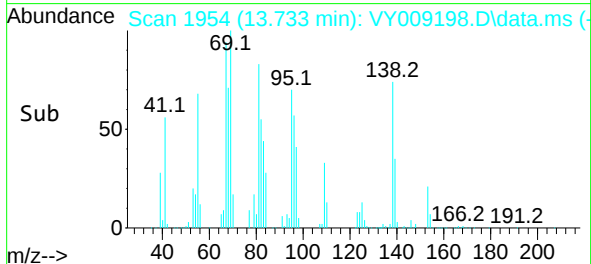
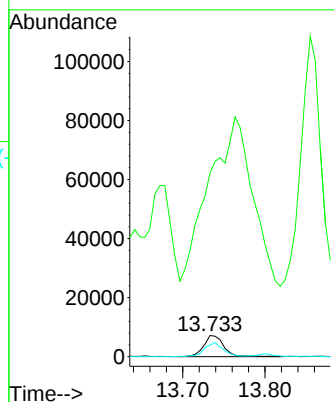
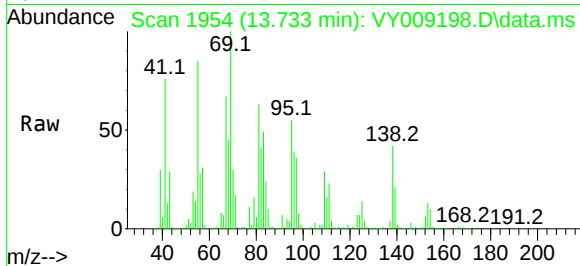




#91
1,2-Dichlorobenzene
Concen: 3.941 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

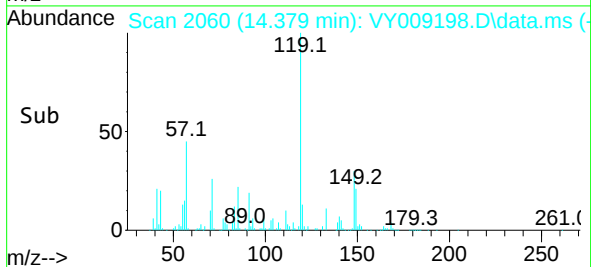
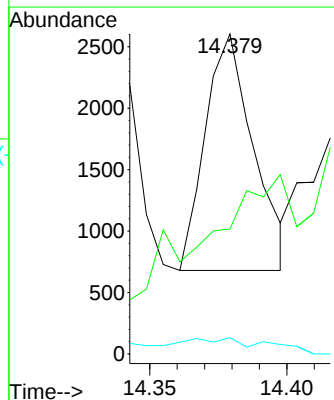
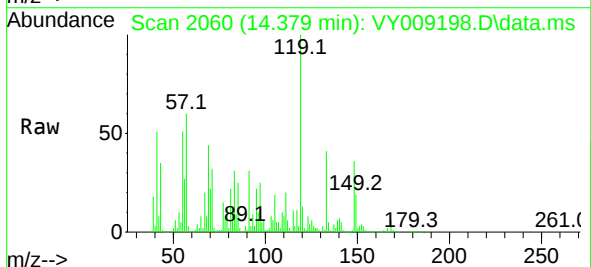
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-5

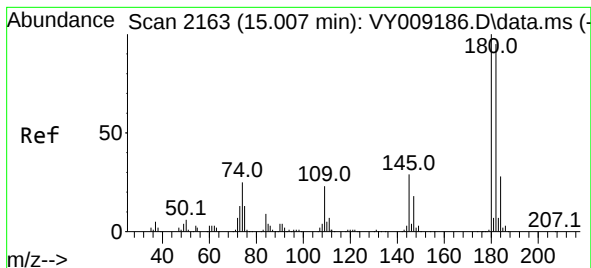
Tgt Ion:146 Resp: 12220
Ion Ratio Lower Upper
146 100
111 0.0 20.3 60.9#
148 63.7 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.129 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.024 min
Lab File: VY009198.D
Acq: 16 Jun 2022 13:10

Tgt Ion: 75 Resp: 2359
Ion Ratio Lower Upper
75 100
155 91.1 38.0 113.9
157 11.6 47.8 143.3#





#93

1,2,4-Trichlorobenzene

Concen: 2.777 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

Instrument :

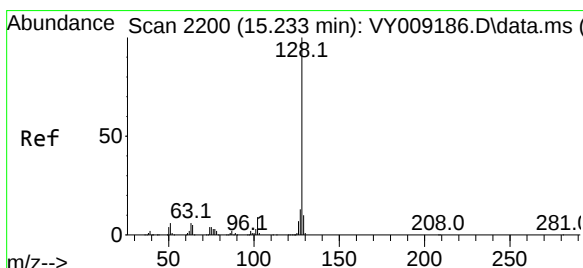
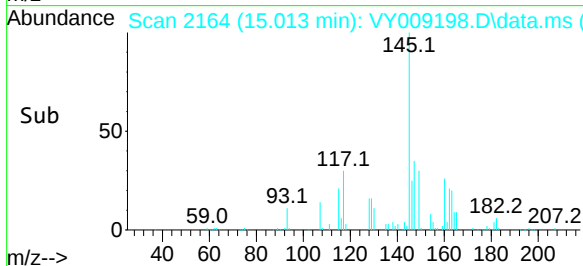
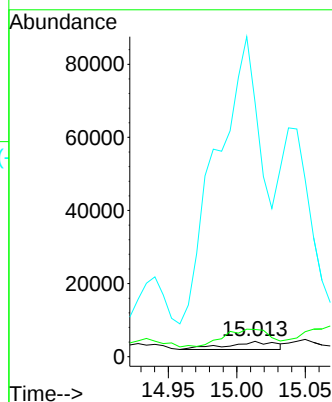
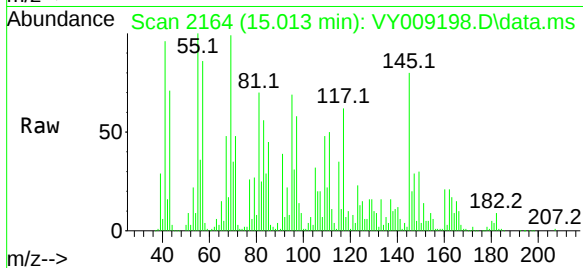
MSVOA_Y

ClientSampleId :

WC-14A-1A-5

Tgt Ion:180 Resp: 5413

Ion	Ratio	Lower	Upper
180	100		
182	199.5	47.3	141.9#
145	3893.7	14.6	43.8#



#95

Naphthalene

Concen: 69.582 ug/l

RT: 15.233 min Scan# 2200

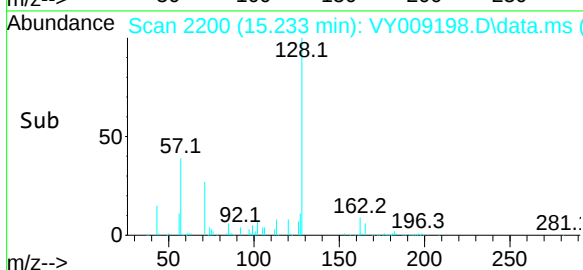
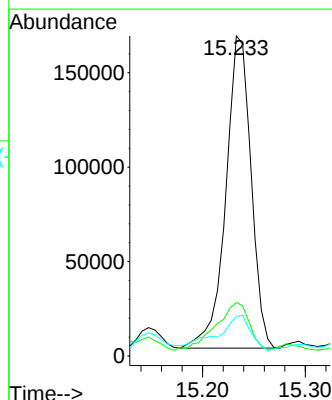
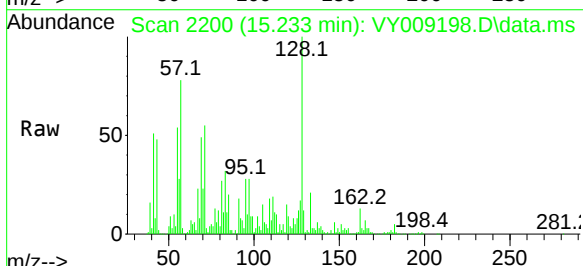
Delta R.T. 0.000 min

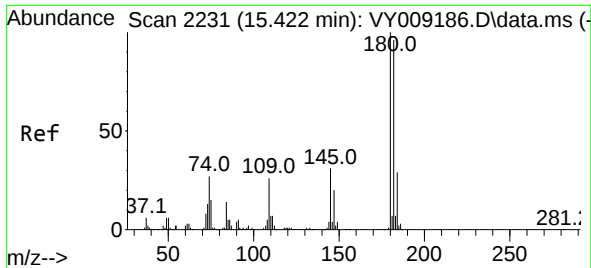
Lab File: VY009198.D

Acq: 16 Jun 2022 13:10

Tgt Ion:128 Resp: 282934

Ion	Ratio	Lower	Upper
128	100		
127	20.2	11.0	16.4#
129	15.1	8.4	12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 7.839 ug/l
 RT: 15.391 min Scan# 21
 Delta R.T. -0.030 min
 Lab File: VY009198.D
 Acq: 16 Jun 2022 13:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14A-1A-5

Tgt Ion:180 Resp: 13450
 Ion Ratio Lower Upper
 180 100
 182 39.2 47.3 141.9#
 145 617.3 15.3 45.9#

