

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009206.D
 Acq On : 16 Jun 2022 16:47
 Operator : KP/MD
 Sample : N3334-09RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jun 16 17:56:11 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	7.783	168	213521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109975	49.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.709	113	107138	47.934	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.860%
50) Toluene-d8	10.179	98	458588	53.899	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.800%
62) 4-Bromofluorobenzene	12.477	95	164013	54.246	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.500%
Target Compounds						
					Qvalue	
13) Acrolein	3.917	56	1188	Below Cal	#	58
15) Acrylonitrile	5.234	53	3228	4.737	ug/l #	30
16) Acetone	3.942	43	24662	43.895	ug/l	93
17) Carbon Disulfide	4.186	76	21993	3.739	ug/l	98
18) Methyl Acetate	4.484	43	1122	Below Cal	#	56
20) Methylene Chloride	4.710	84	18534	4.723	ug/l	92
25) 2-Butanone	6.972	43	4740	5.331	ug/l #	80
31) Cyclohexane	7.777	56	144694	36.215	ug/l	96
36) 1,1-Dichloropropene	7.783	75	16881	4.910	ug/l #	60
38) Carbon Tetrachloride	7.783	117	20439	5.749	ug/l #	16
39) Methylcyclohexane	9.179	83	494623	119.328	ug/l	92
40) Benzene	8.155	78	14389	1.433	ug/l #	90
43) Isopropyl Acetate	8.264	43	26963	7.125	ug/l #	56
45) 1,2-Dichloropropane	9.173	63	4461	1.753	ug/l #	1
47) Bromodichloromethane	9.459	83	5123	1.468	ug/l #	48
48) Methyl methacrylate	9.240	41	21092	12.487	ug/l #	36
51) 4-Methyl-2-Pentanone	9.953	43	167380	84.086	ug/l #	45
52) Toluene	10.240	92	20707	3.230	ug/l	96
55) 1,1,2-Trichloroethane	10.618	97	99913	48.228	ug/l #	20
56) Ethyl methacrylate	10.514	69	46125	16.424	ug/l #	21
59) 2-Hexanone	10.800	43	208383	152.596	ug/l #	34
67) Ethyl Benzene	11.593	91	178481	15.091	ug/l	97
68) m/p-Xylenes	11.703	106	126627	27.156	ug/l	95
69) o-Xylene	12.026	106	354660	80.276	ug/l	94
70) Styrene	12.026	104	17210	2.322	ug/l #	1
73) Isopropylbenzene	12.331	105	209738	20.241	ug/l	100
74) N-amyl acetate	12.123	43	340906	117.940	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.556	83	35672	17.393	ug/l #	26
76) 1,2,3-Trichloropropane	12.666	75	2246	1.477	ug/l #	100
78) n-propylbenzene	12.672	91	320967	25.600	ug/l	99
79) 2-Chlorotoluene	12.770	91	60148	8.514	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.812	105	946318	109.262	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.331	75	2655	3.481	ug/l #	1
82) 4-Chlorotoluene	12.812	91	113649	15.419	ug/l #	54
83) tert-Butylbenzene	13.074	119	20288	2.664	ug/l	82
84) 1,2,4-Trimethylbenzene	13.117	105	1265250	148.834	ug/l	97

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

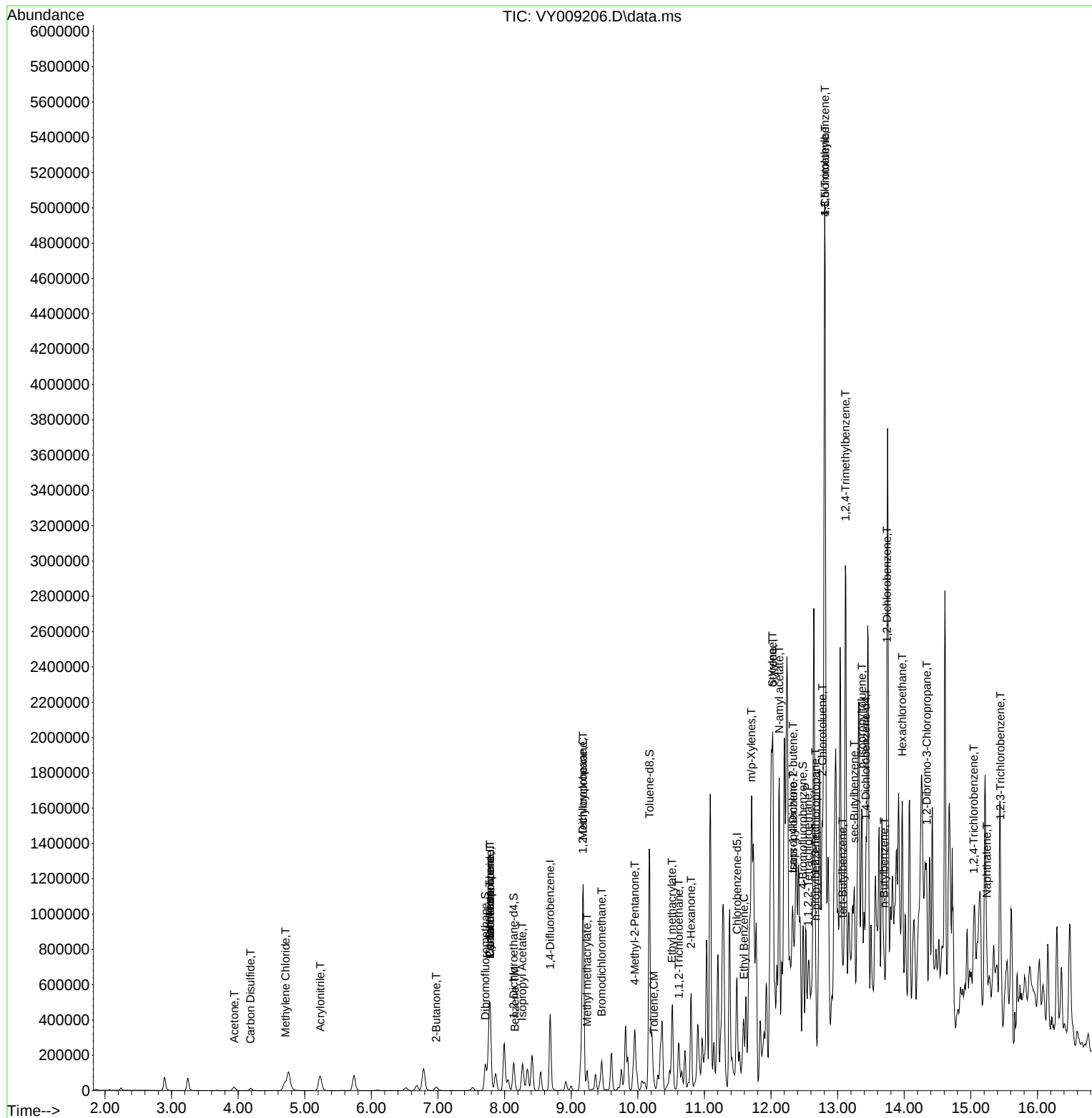
85) sec-Butylbenzene	13.251	105	215722	19.132	ug/l #	74
86) p-Isopropyltoluene	13.367	119	237235	25.354	ug/l	99
89) n-Butylbenzene	13.696	91	102079	11.537	ug/l #	71
90) Hexachloroethane	13.971	117	34378	19.485	ug/l #	6
91) 1,2-Dichlorobenzene	13.739	146	11657	2.625	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.336	75	2543	6.872	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.044	180	4220	1.512	ug/l #	1
95) Naphthalene	15.239	128	228272	39.203	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.446	180	5589	2.275	ug/l #	13

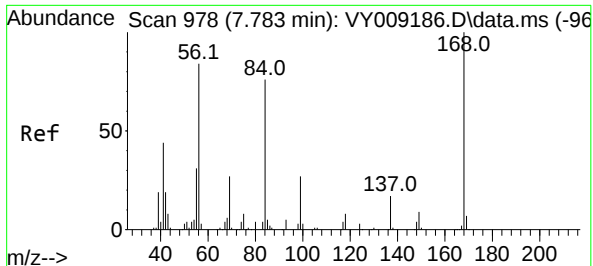
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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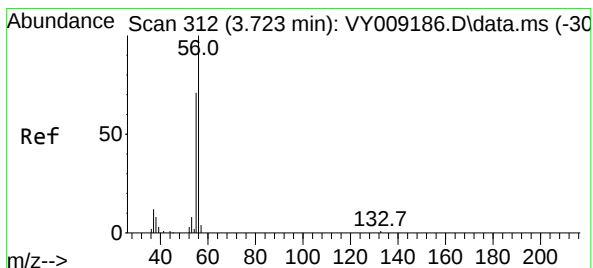
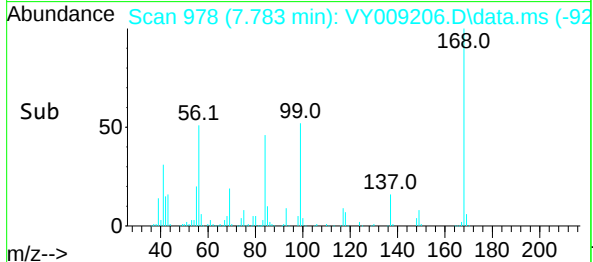
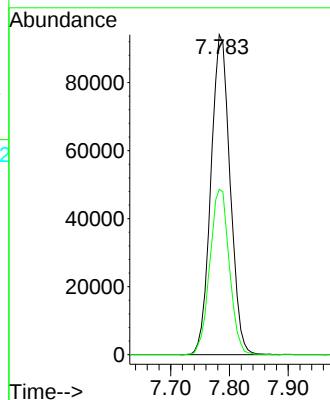
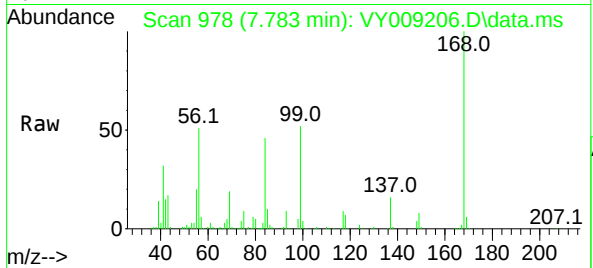




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

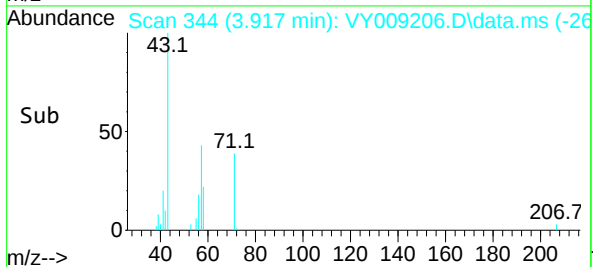
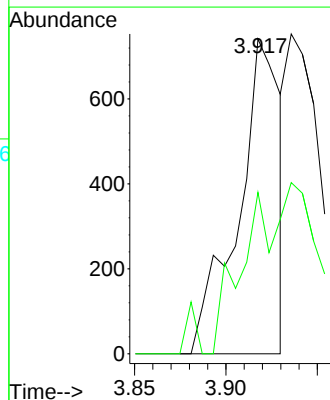
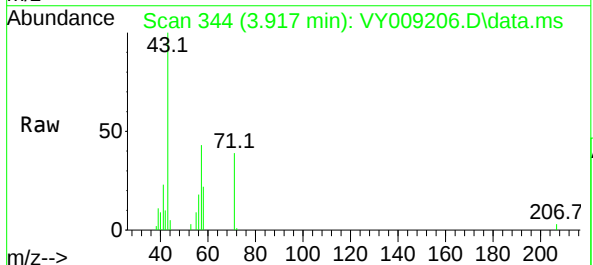
Instrument :
MSVOA_Y
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WC-14A-1A-8

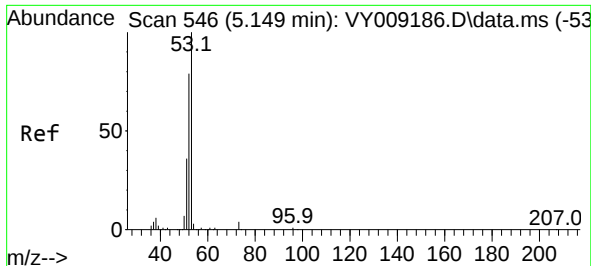
Tgt Ion:168 Resp: 213521
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#13
Acrolein
Concen: Below Cal
RT: 3.917 min Scan# 344
Delta R.T. 0.194 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 56 Resp: 1188
Ion Ratio Lower Upper
56 100
55 37.0 57.6 86.4#

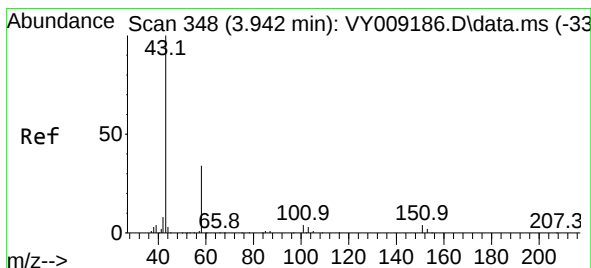
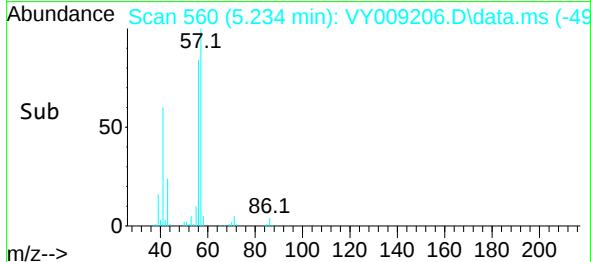
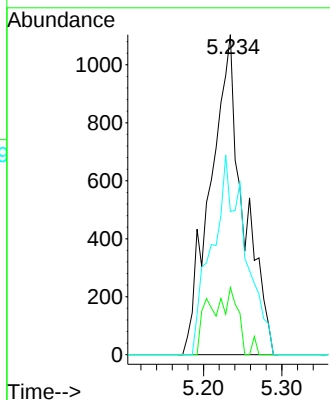
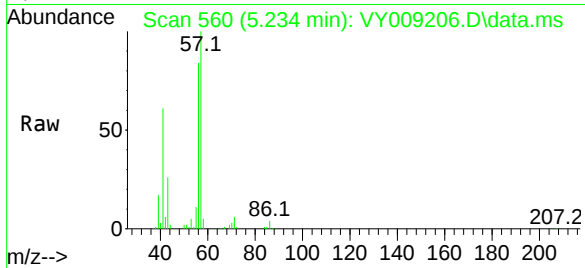




#15
Acrylonitrile
Concen: 4.737 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.085 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

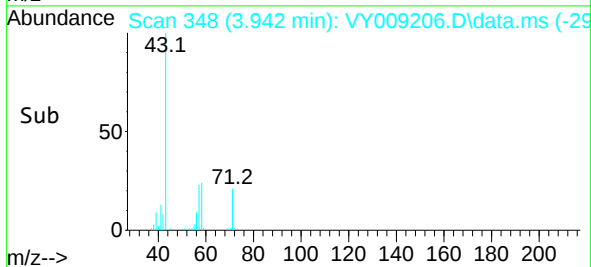
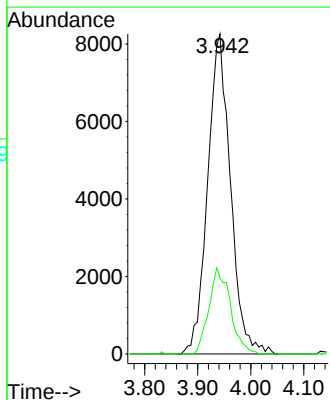
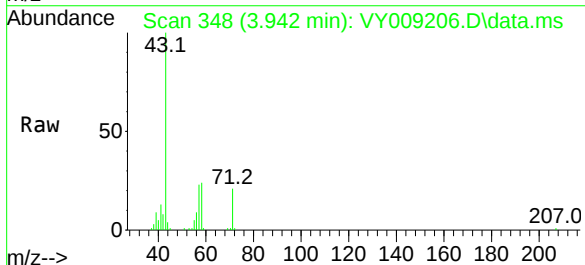
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

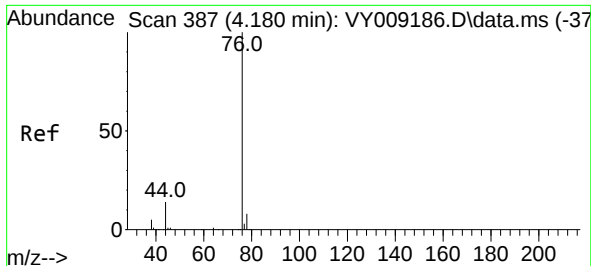
Tgt Ion: 53 Resp: 3228
Ion Ratio Lower Upper
53 100
52 10.0 67.0 100.4#
51 63.2 29.8 44.6#



#16
Acetone
Concen: 43.895 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 43 Resp: 24662
Ion Ratio Lower Upper
43 100
58 23.7 22.0 33.0





#17

Carbon Disulfide

Concen: 3.739 ug/l

RT: 4.186 min Scan# 387

Delta R.T. 0.006 min

Lab File: VY009206.D

Acq: 16 Jun 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

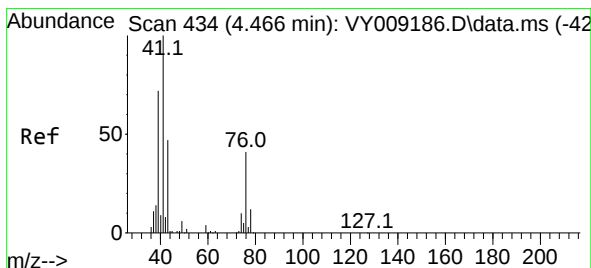
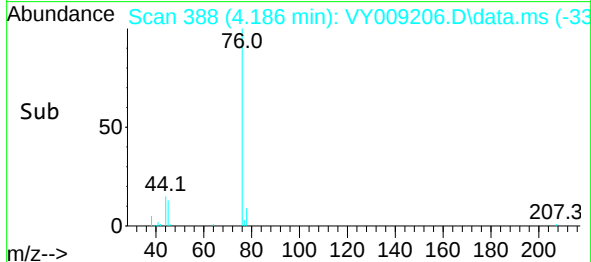
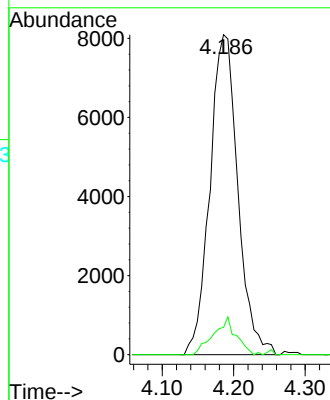
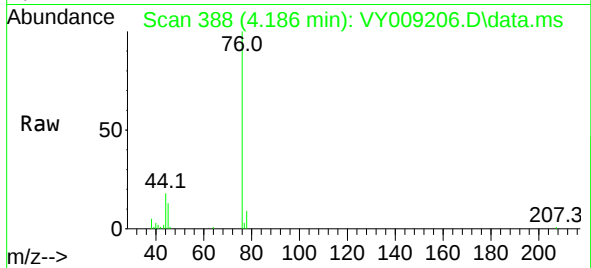
WC-14A-1A-8

Tgt Ion: 76 Resp: 21993

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.484 min Scan# 437

Delta R.T. 0.018 min

Lab File: VY009206.D

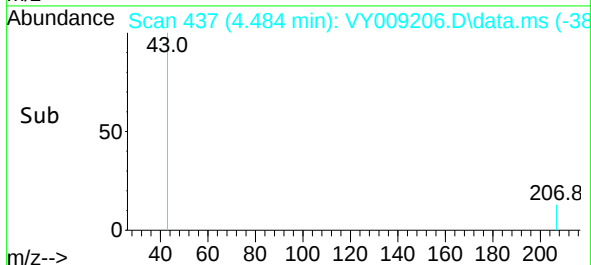
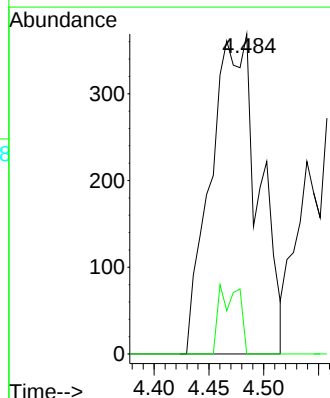
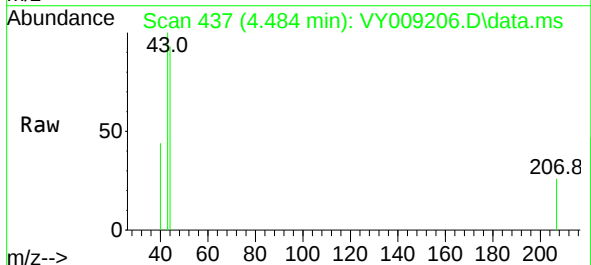
Acq: 16 Jun 2022 16:47

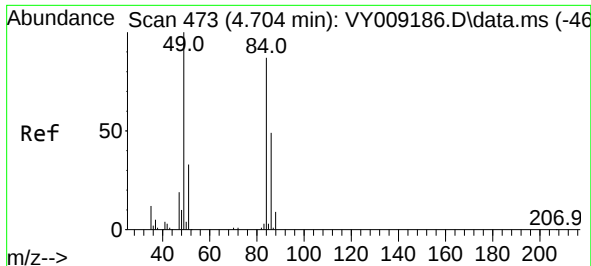
Tgt Ion: 43 Resp: 1122

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

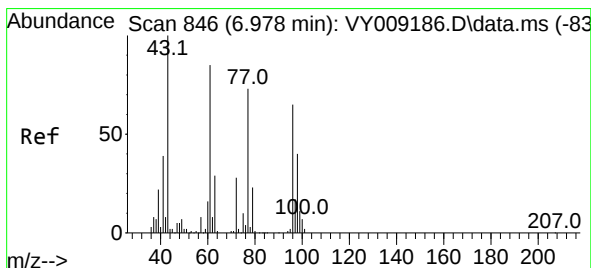
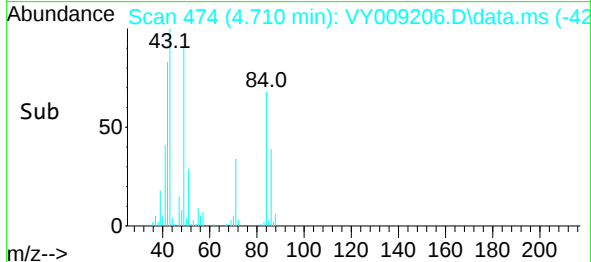
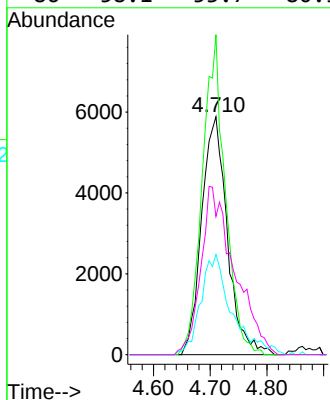
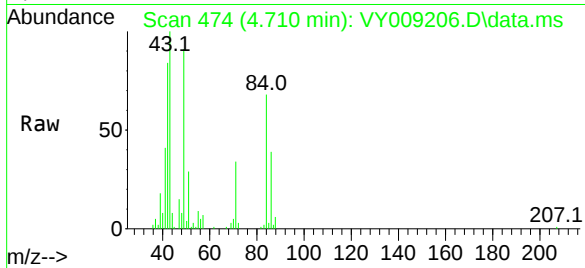




#20
Methylene Chloride
Concen: 4.723 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

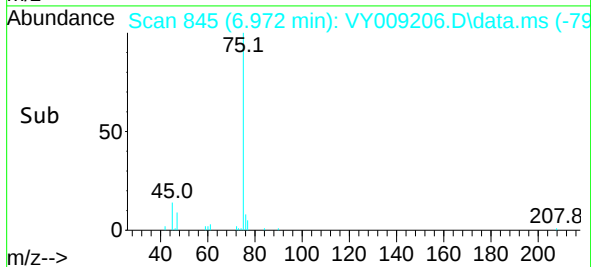
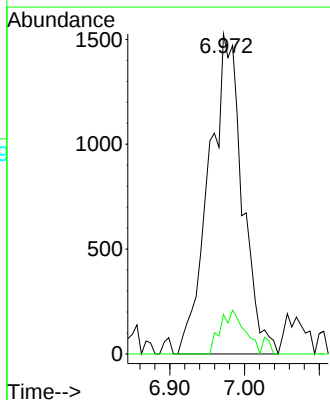
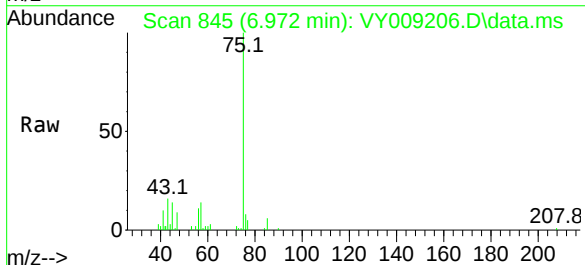
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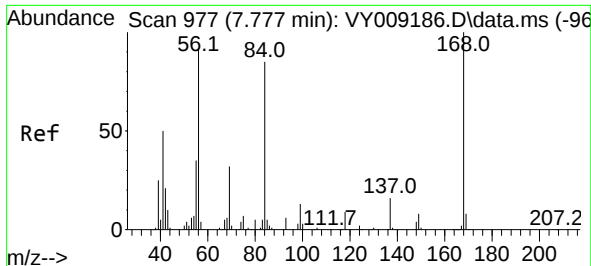
Tgt Ion: 84 Resp: 18534
Ion Ratio Lower Upper
84 100
49 134.5 114.4 171.6
51 40.9 35.3 52.9
86 58.1 53.7 80.5



#25
2-Butanone
Concen: 5.331 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 43 Resp: 4740
Ion Ratio Lower Upper
43 100
72 12.3 17.7 26.5#

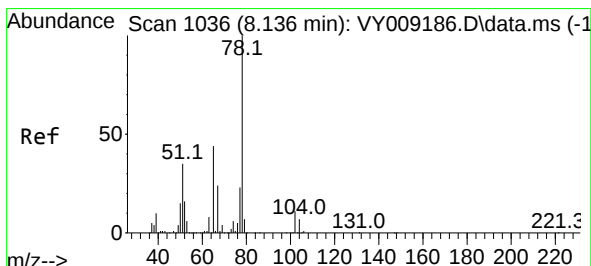
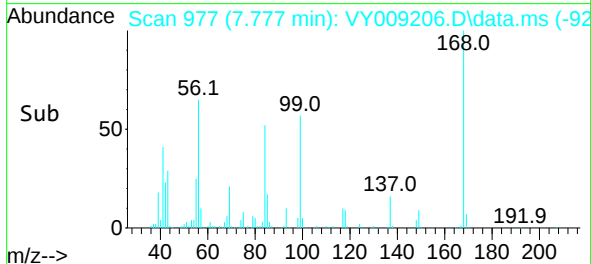
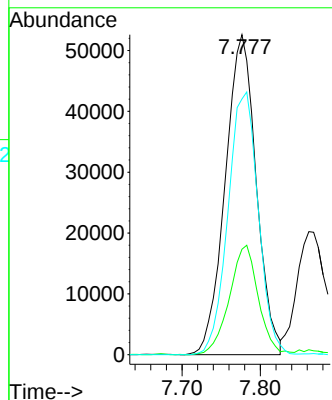
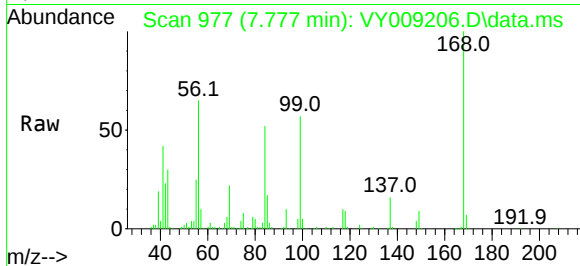




#31
Cyclohexane
Concen: 36.215 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

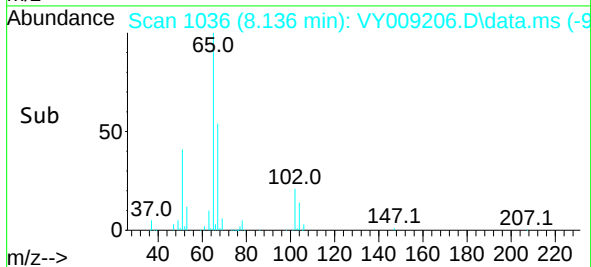
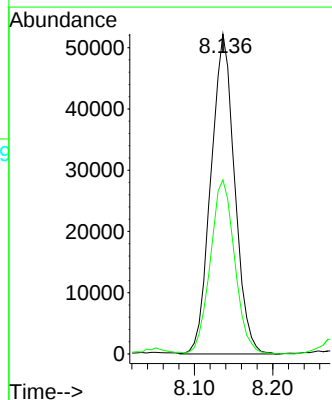
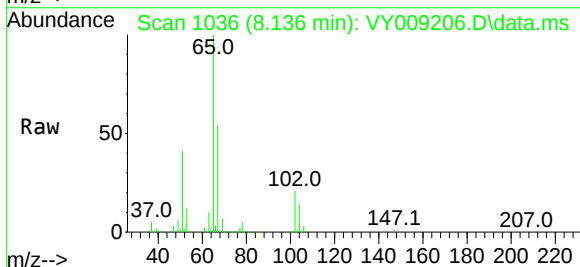
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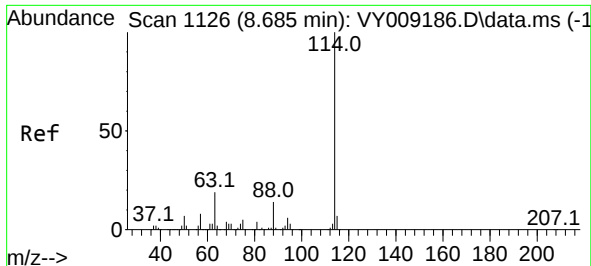
Tgt Ion: 56 Resp: 144694
Ion Ratio Lower Upper
56 100
69 32.8 26.7 40.1
84 79.9 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 49.306 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 65 Resp: 109975
Ion Ratio Lower Upper
65 100
67 55.8 0.0 99.4

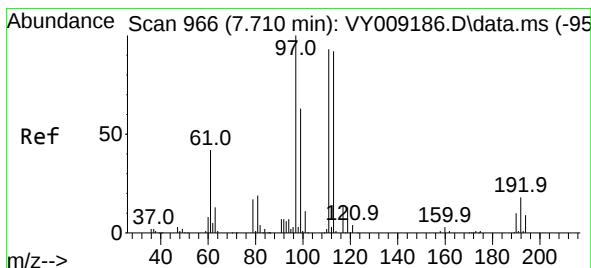
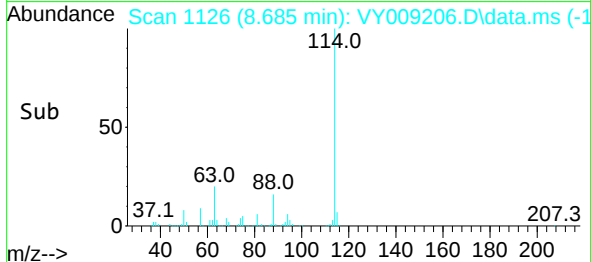
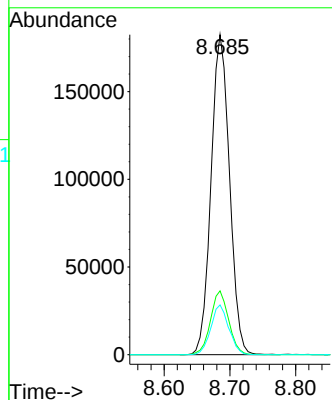
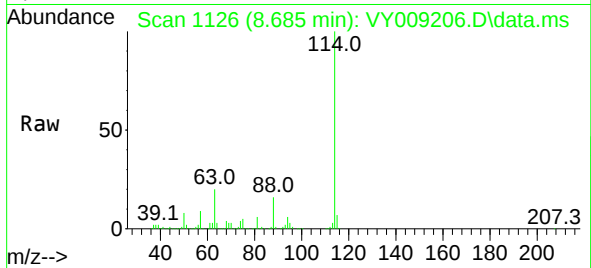




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

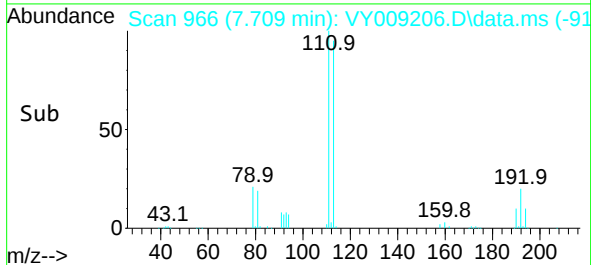
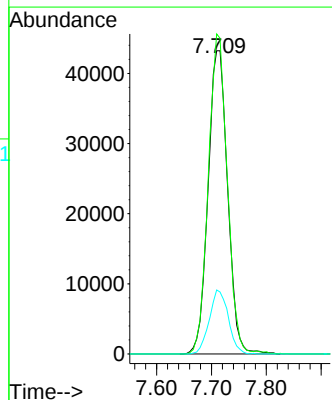
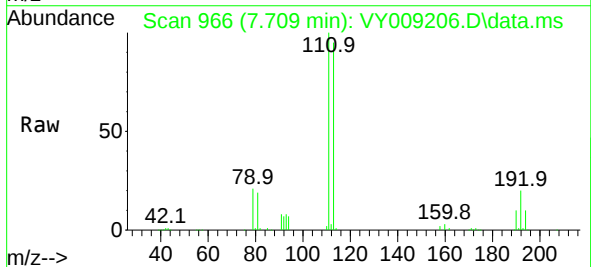
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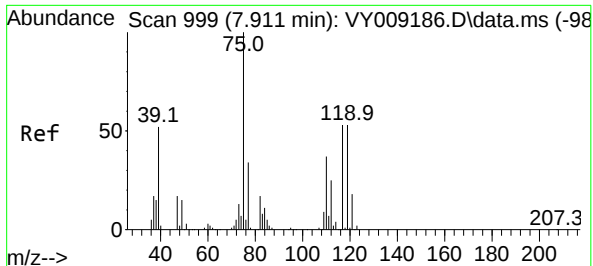
Tgt Ion:114 Resp: 356500
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.934 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion:113 Resp: 107138
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.4 17.6 26.4

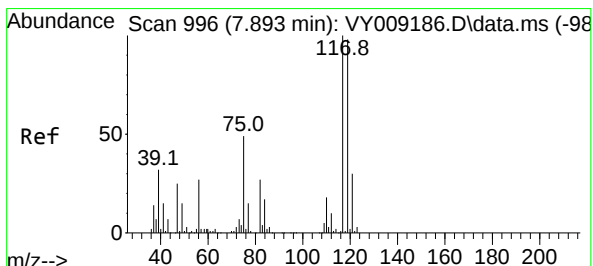
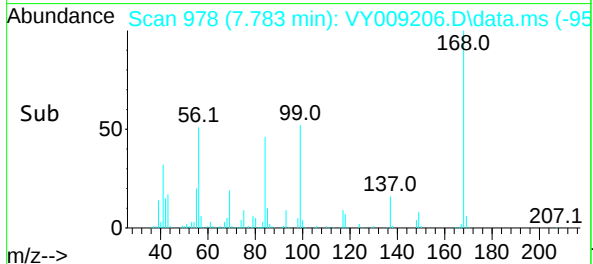
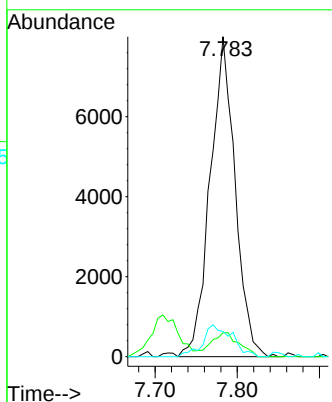
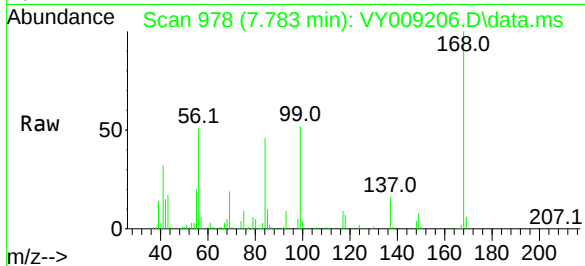




#36
1,1-Dichloropropene
Concen: 4.910 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

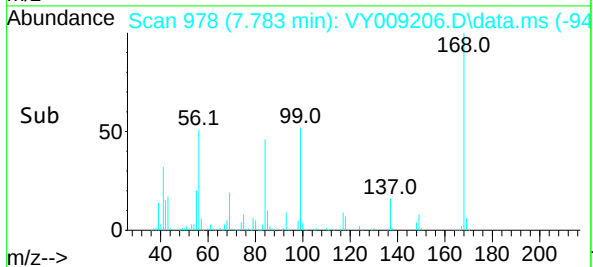
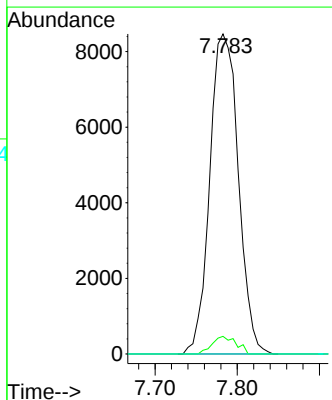
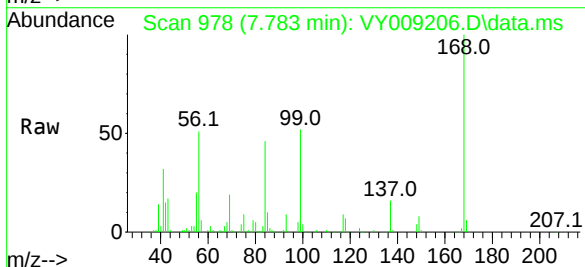
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

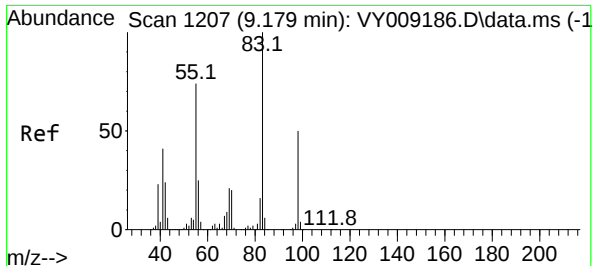
Tgt Ion: 75 Resp: 16881
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 11.7 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.749 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 117 Resp: 20439
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 119.328 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009206.D

Acq: 16 Jun 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-8

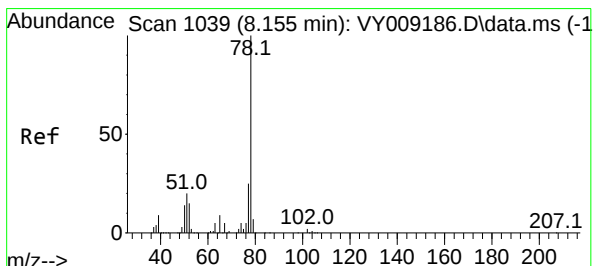
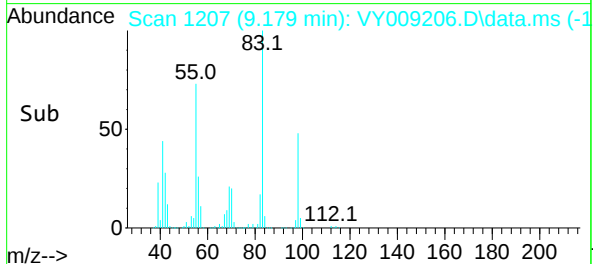
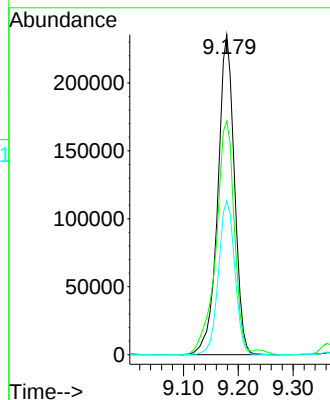
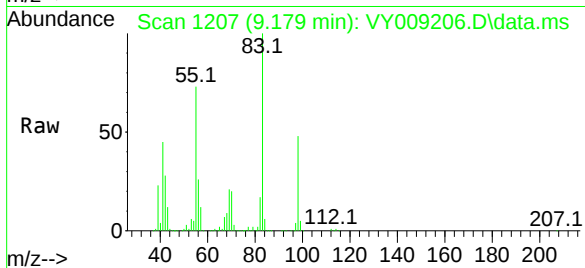
Tgt Ion: 83 Resp: 494623

Ion Ratio Lower Upper

83 100

55 73.0 66.5 99.7

98 48.1 37.9 56.9



#40

Benzene

Concen: 1.433 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009206.D

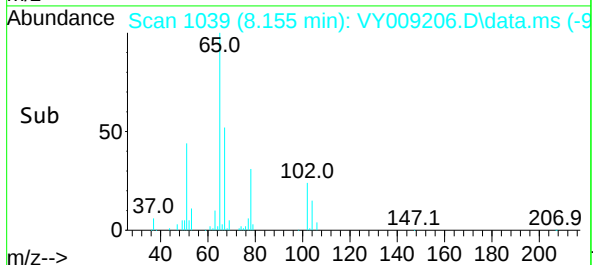
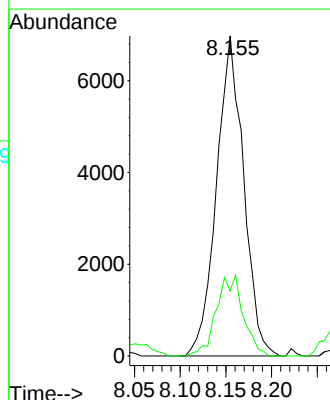
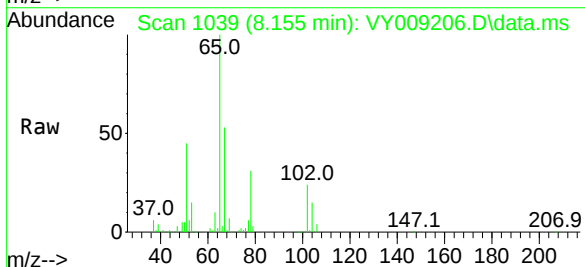
Acq: 16 Jun 2022 16:47

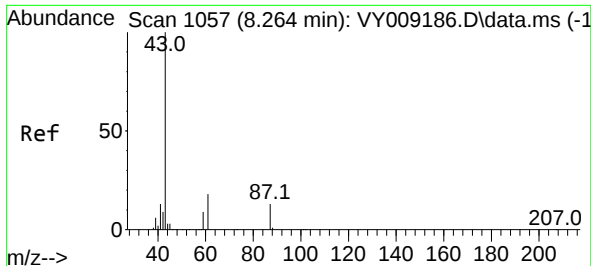
Tgt Ion: 78 Resp: 14389

Ion Ratio Lower Upper

78 100

77 20.3 20.4 30.6#

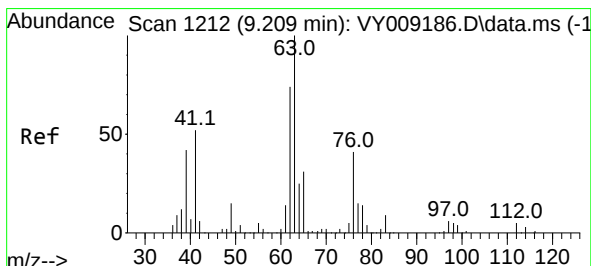
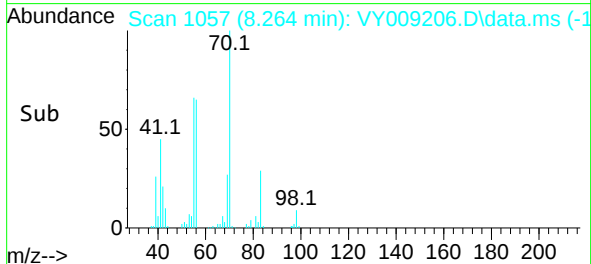
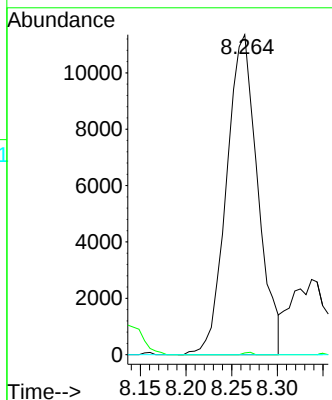
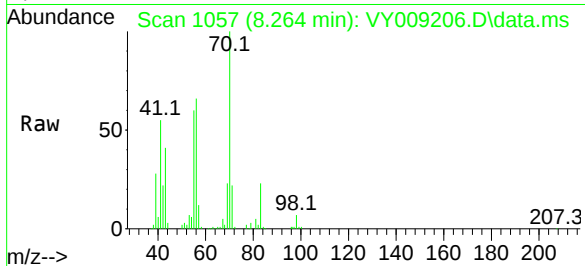




#43
Isopropyl Acetate
Concen: 7.125 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

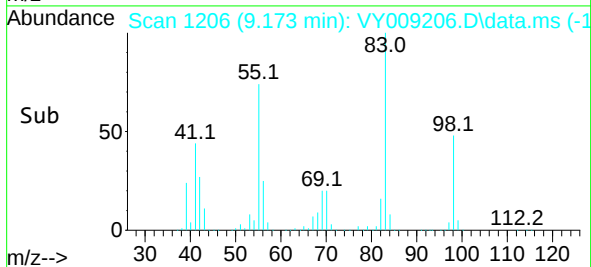
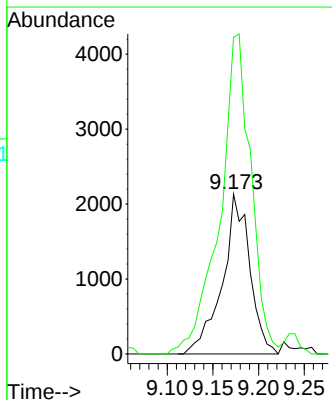
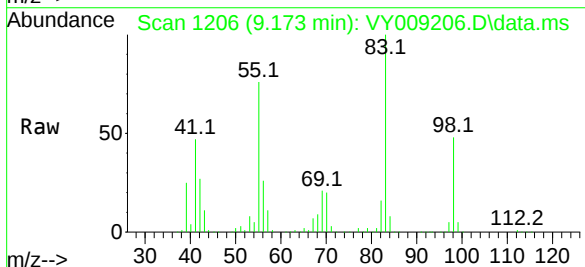
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

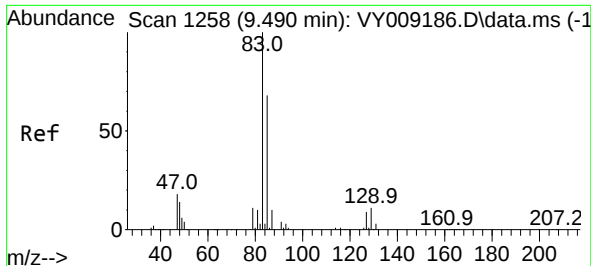
Tgt Ion: 43 Resp: 26963
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 1.753 ug/l
RT: 9.173 min Scan# 1206
Delta R.T. -0.037 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 63 Resp: 4461
Ion Ratio Lower Upper
63 100
65 193.7 23.0 34.6#

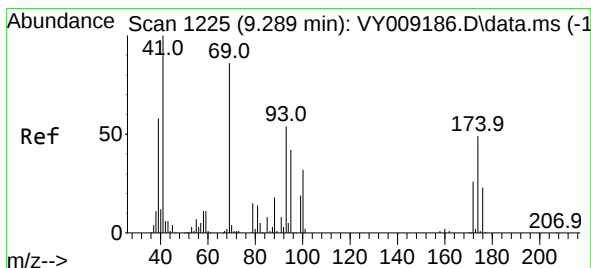
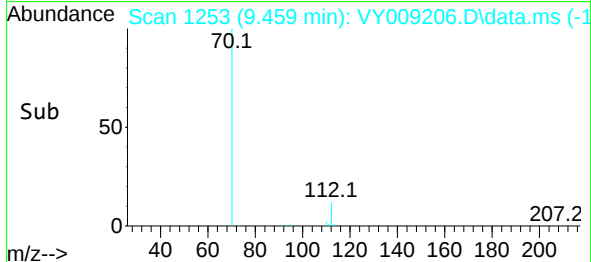
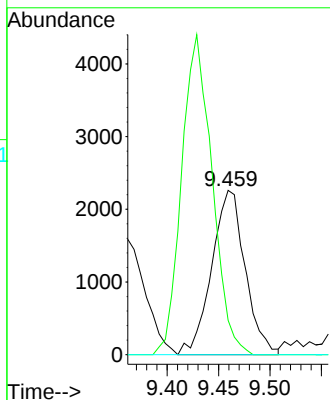
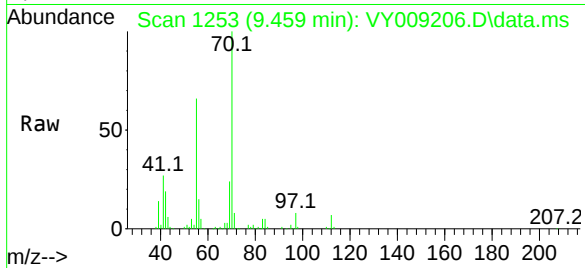




#47
Bromodichloromethane
Concen: 1.468 ug/l
RT: 9.459 min Scan# 11
Delta R.T. -0.031 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

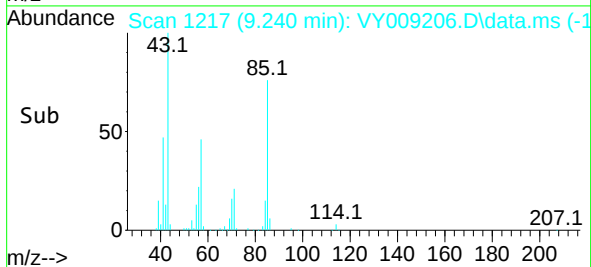
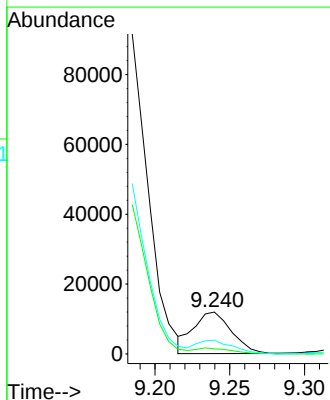
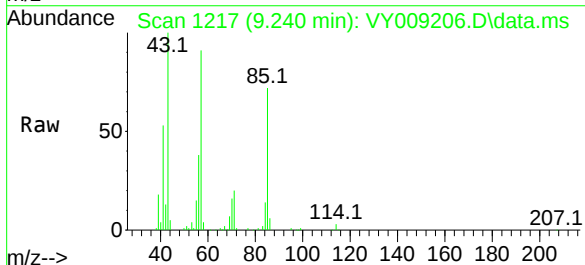
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

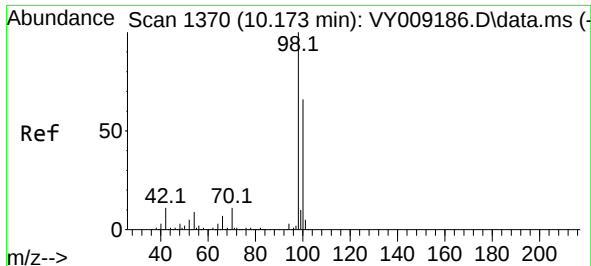
Tgt Ion: 83 Resp: 5123
Ion Ratio Lower Upper
83 100
85 21.0 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 12.487 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. -0.049 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 41 Resp: 21092
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 31.8 47.4 71.0#

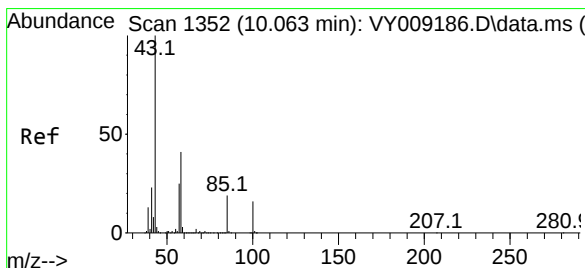
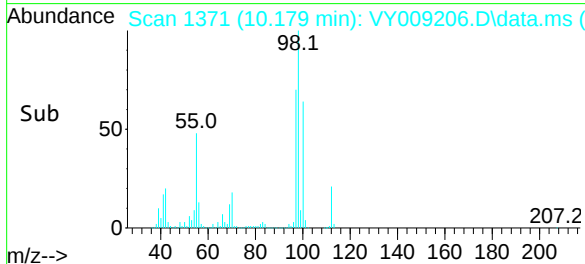
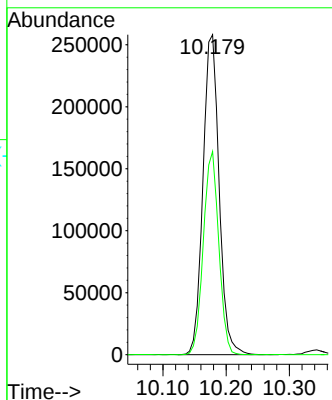
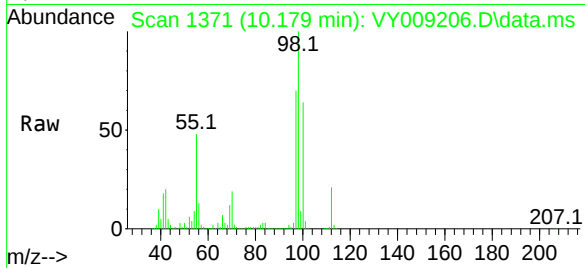




#50
Toluene-d8
Concen: 53.899 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

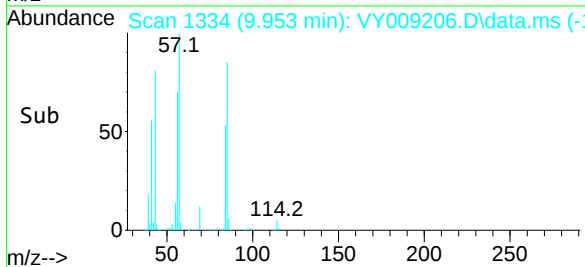
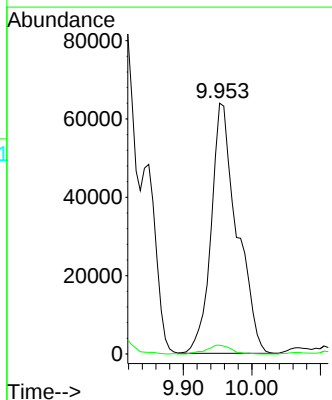
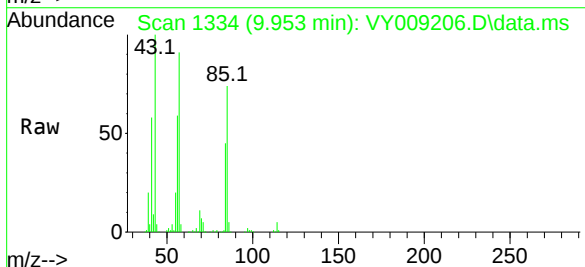
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

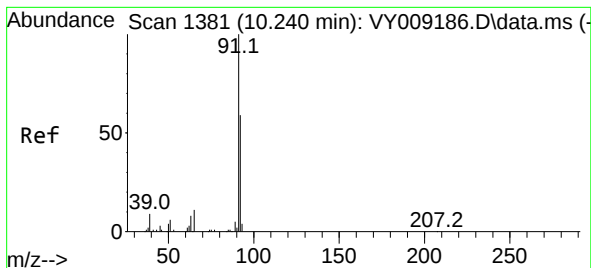
Tgt Ion: 98 Resp: 458588
Ion Ratio Lower Upper
98 100
100 60.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 84.086 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. -0.110 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 43 Resp: 167380
Ion Ratio Lower Upper
43 100
58 3.3 28.1 42.1#





#52

Toluene

Concen: 3.230 ug/l

RT: 10.240 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009206.D

Acq: 16 Jun 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

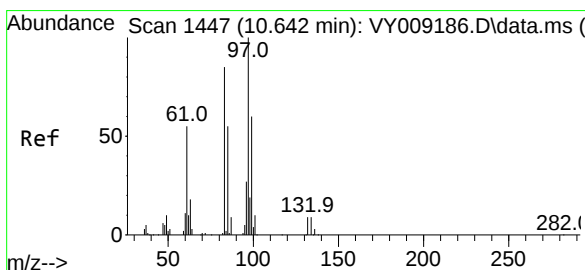
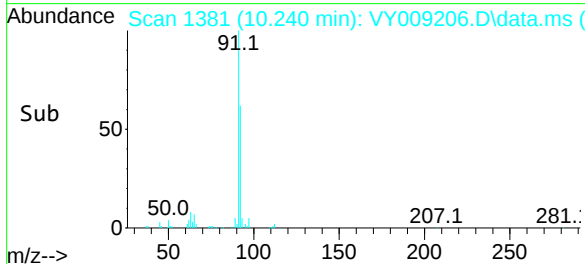
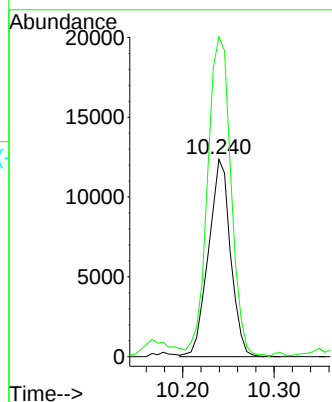
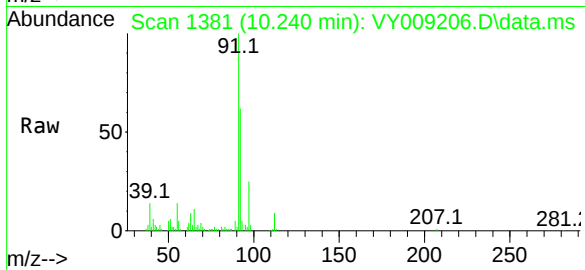
WC-14A-1A-8

Tgt Ion: 92 Resp: 20707

Ion Ratio Lower Upper

92 100

91 172.4 142.6 213.8



#55

1,1,2-Trichloroethane

Concen: 48.228 ug/l

RT: 10.618 min Scan# 1443

Delta R.T. -0.025 min

Lab File: VY009206.D

Acq: 16 Jun 2022 16:47

Tgt Ion: 97 Resp: 99913

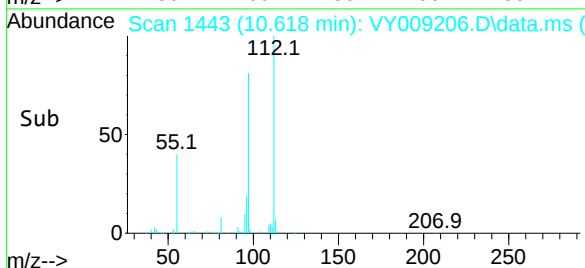
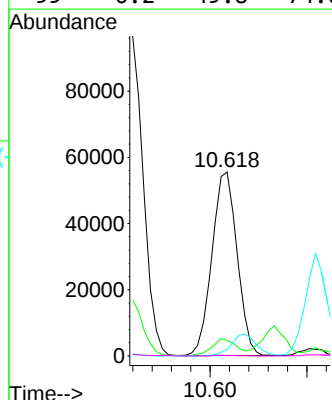
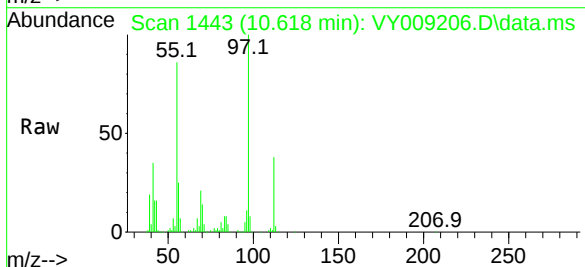
Ion Ratio Lower Upper

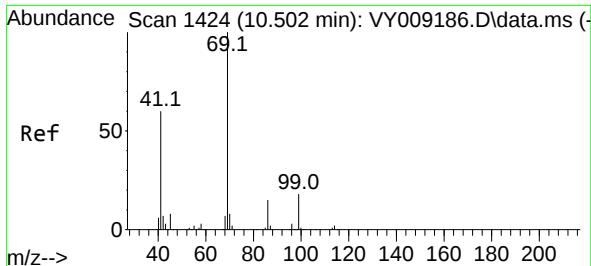
97 100

83 8.4 69.8 104.8#

85 3.5 44.3 66.5#

99 0.2 49.8 74.6#

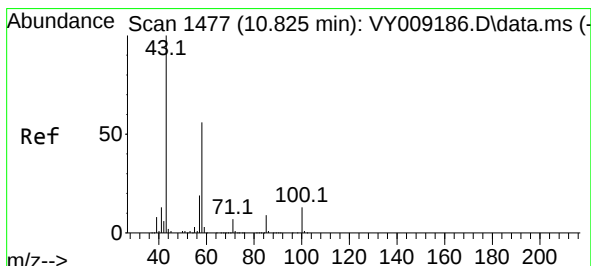
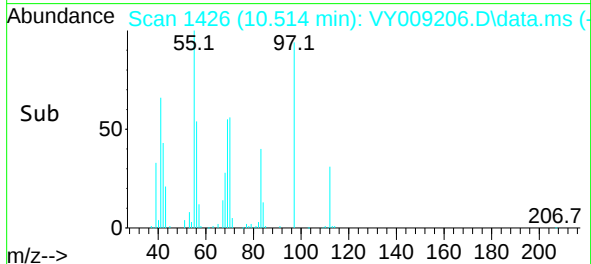
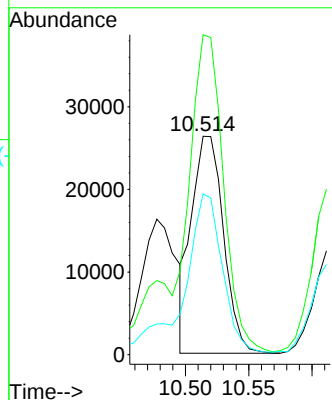
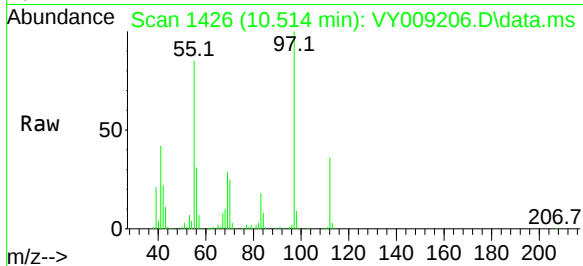




#56
Ethyl methacrylate
Concen: 16.424 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.012 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

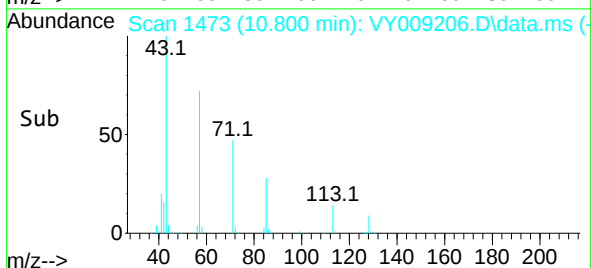
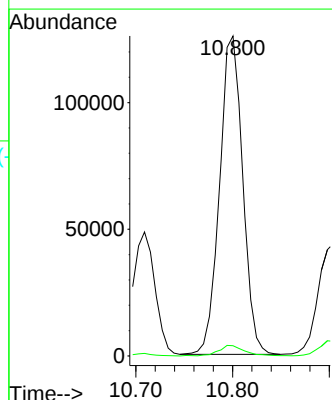
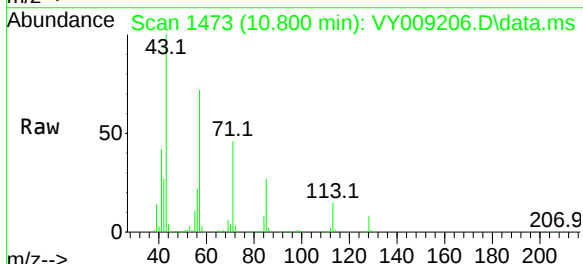
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

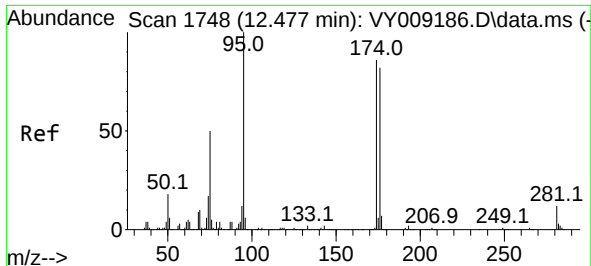
Tgt Ion: 69 Resp: 46125
Ion Ratio Lower Upper
69 100
41 153.1 63.4 95.0#
39 90.8 35.8 53.8#



#59
2-Hexanone
Concen: 152.596 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.025 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 43 Resp: 208383
Ion Ratio Lower Upper
43 100
58 3.8 24.4 73.4#

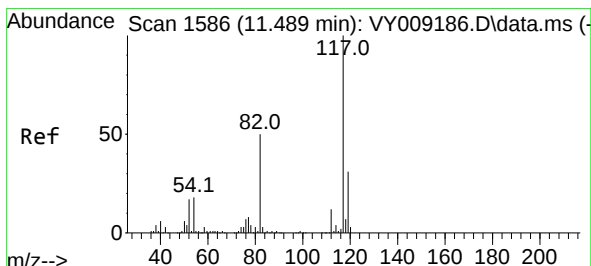
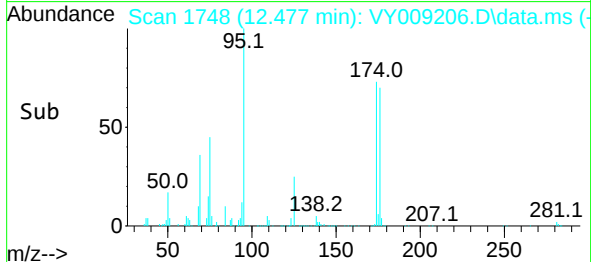
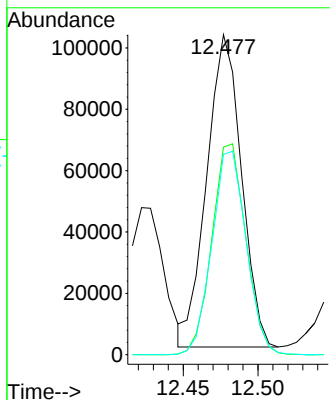
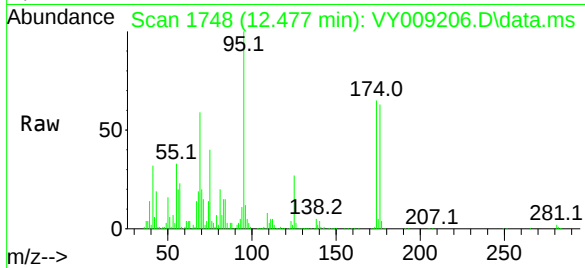




#62
4-Bromofluorobenzene
Concen: 54.246 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

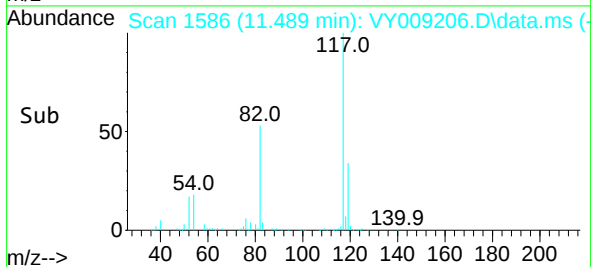
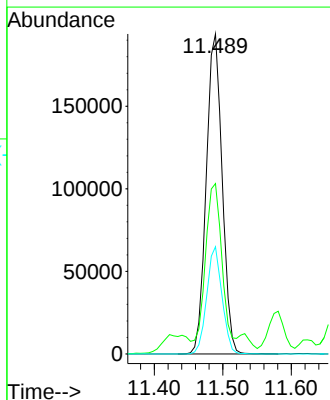
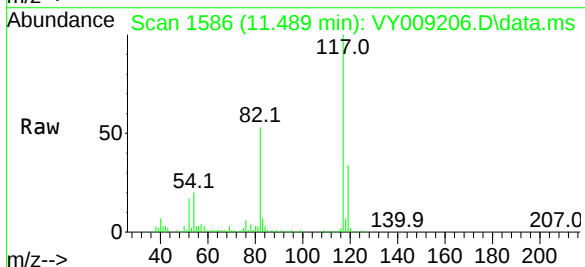
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

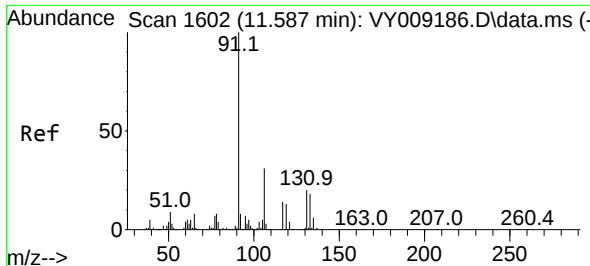
Tgt Ion: 95 Resp: 164013
Ion Ratio Lower Upper
95 100
174 66.3 0.0 177.0
176 64.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 117 Resp: 312888
Ion Ratio Lower Upper
117 100
82 47.8 43.0 64.4
119 33.5 25.4 38.0

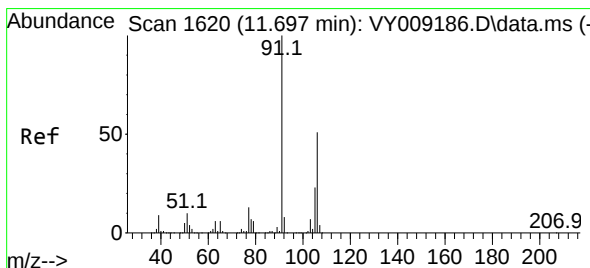
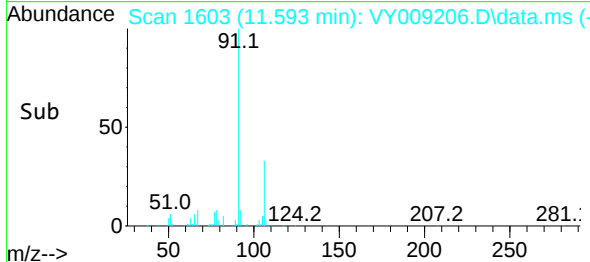
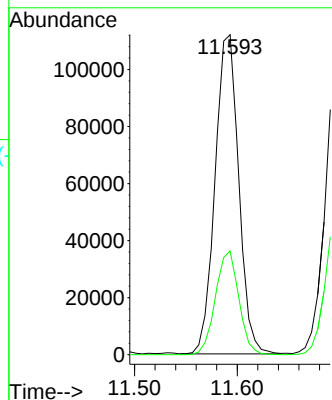
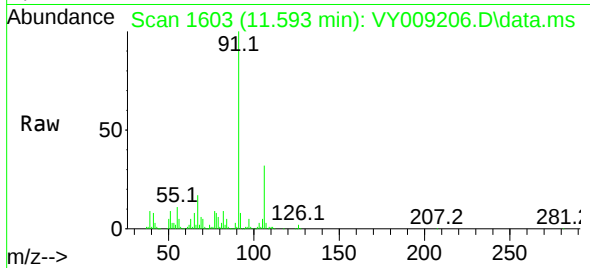




#67
Ethyl Benzene
Concen: 15.091 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

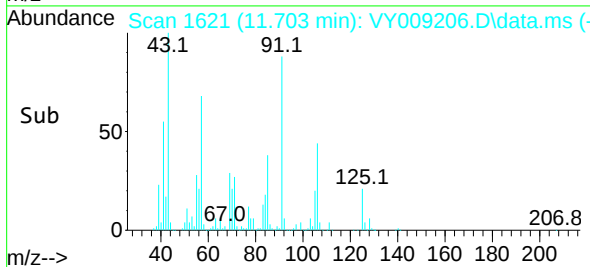
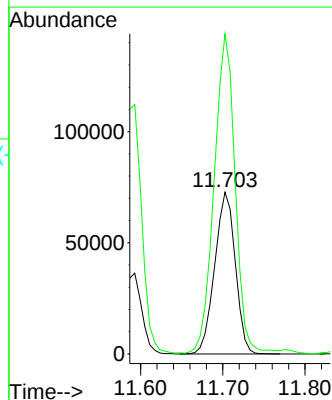
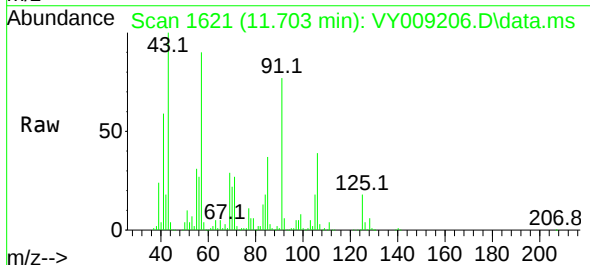
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

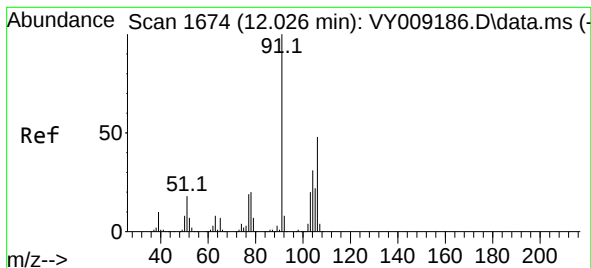
Tgt Ion: 91 Resp: 178481
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 27.156 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 106 Resp: 126627
Ion Ratio Lower Upper
106 100
91 200.3 166.6 249.8





#69

o-Xylene

Concen: 80.276 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009206.D

Acq: 16 Jun 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

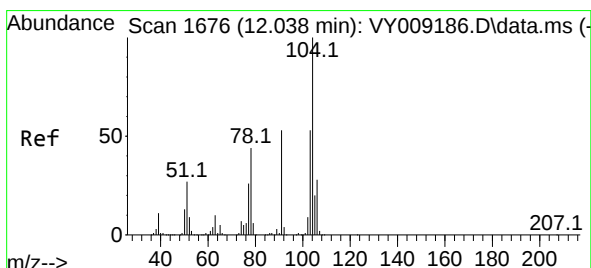
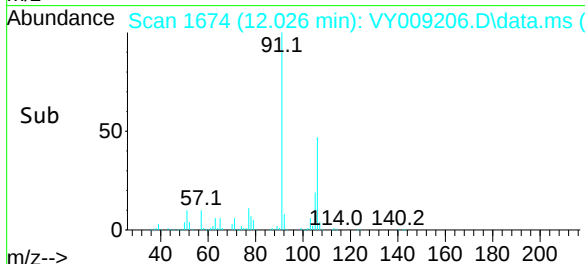
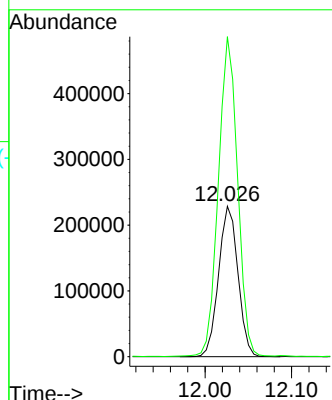
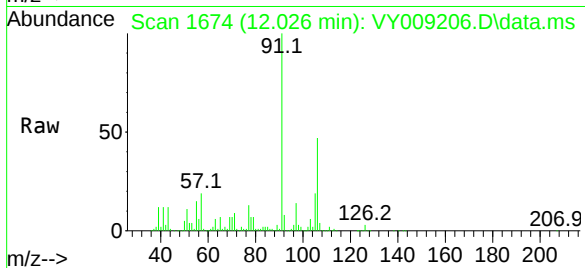
WC-14A-1A-8

Tgt Ion:106 Resp: 354660

Ion Ratio Lower Upper

106 100

91 211.2 110.3 331.0



#70

Styrene

Concen: 2.322 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.012 min

Lab File: VY009206.D

Acq: 16 Jun 2022 16:47

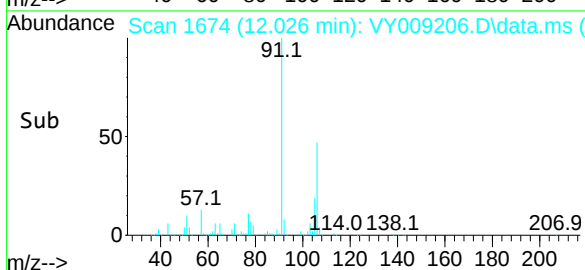
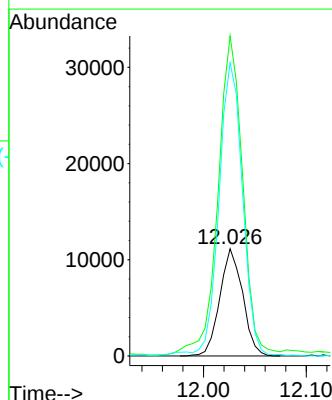
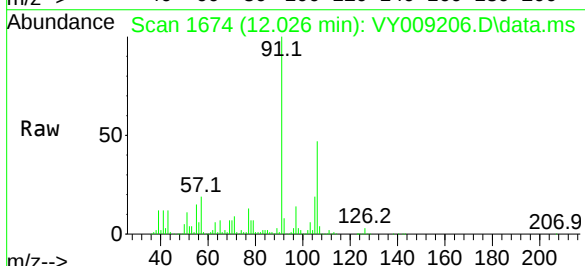
Tgt Ion:104 Resp: 17210

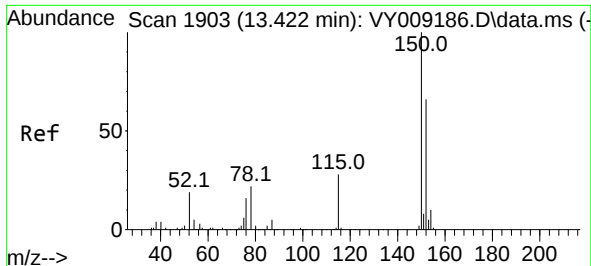
Ion Ratio Lower Upper

104 100

78 319.8 42.4 63.6#

103 284.6 44.4 66.6#

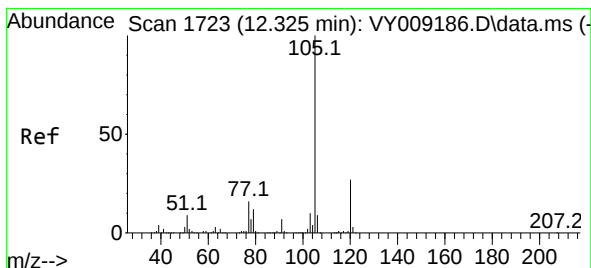
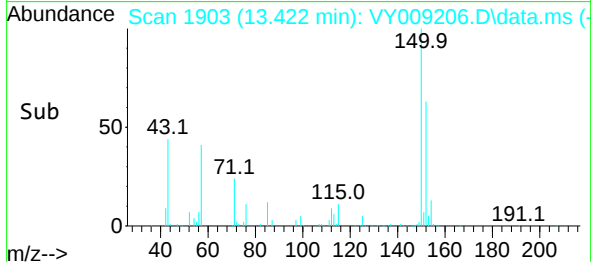
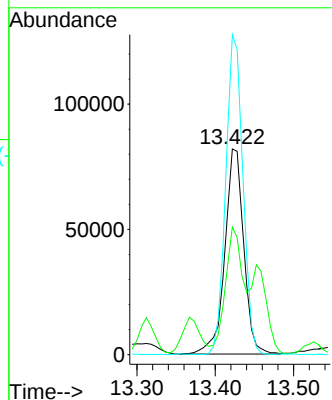
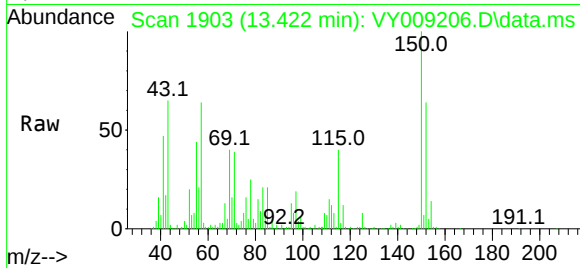




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

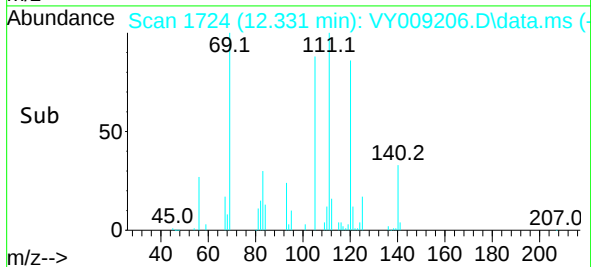
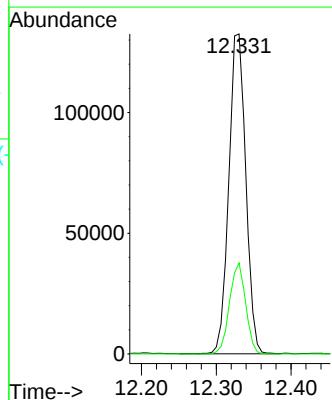
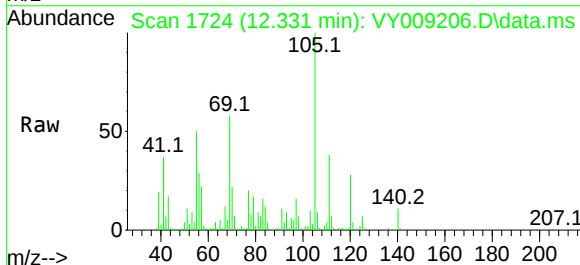
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

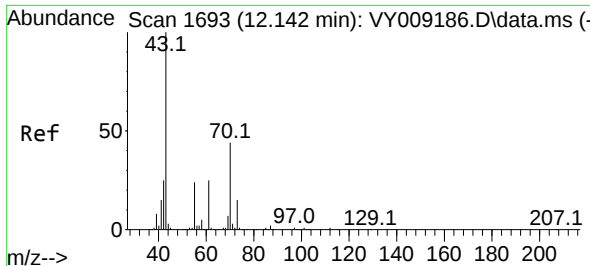
Tgt Ion:152 Resp: 137679
Ion Ratio Lower Upper
152 100
115 51.5 28.2 84.7
150 141.2 0.0 347.6



#73
Isopropylbenzene
Concen: 20.241 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion:105 Resp: 209738
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

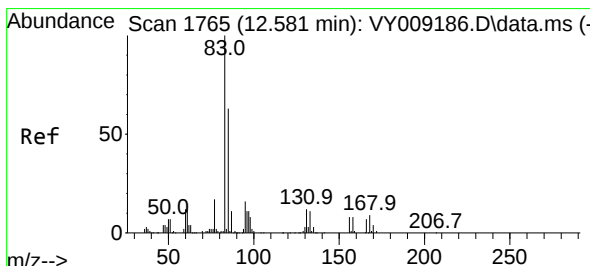
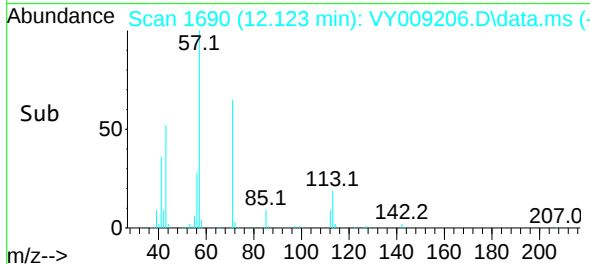
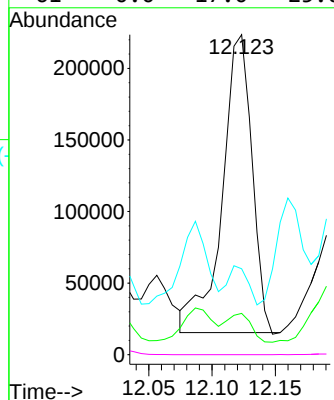
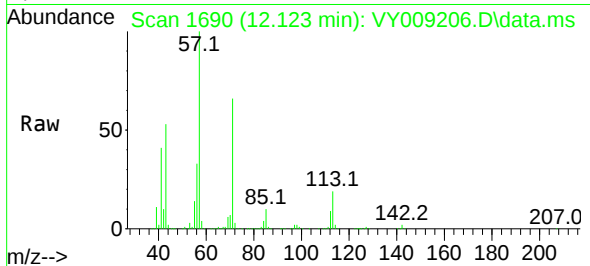




#74
N-amy1 acetate
Concen: 117.940 ug/l
RT: 12.123 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

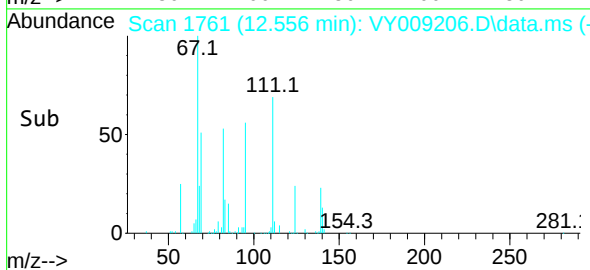
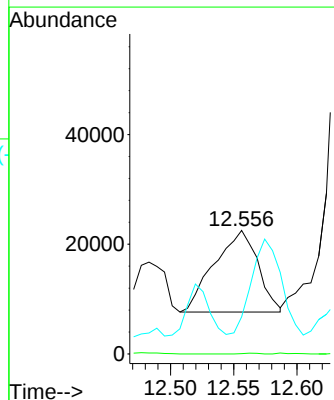
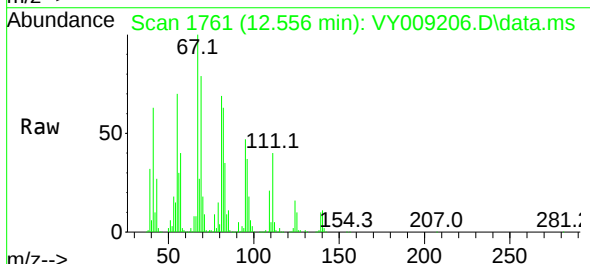
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

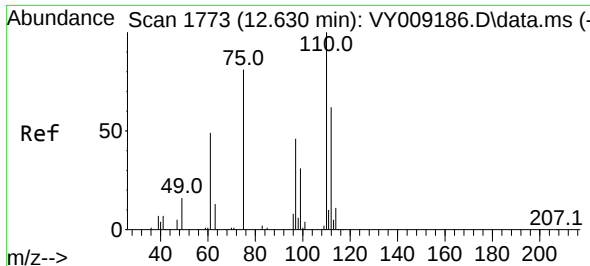
Tgt Ion: 43 Resp: 340906
Ion Ratio Lower Upper
43 100
70 7.8 28.7 43.1#
55 11.3 17.3 25.9#
61 0.0 17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 17.393 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.025 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 83 Resp: 35672
Ion Ratio Lower Upper
83 100
131 0.3 5.6 16.8#
85 0.0 32.3 96.8#

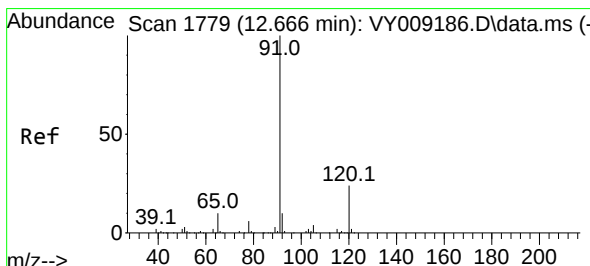
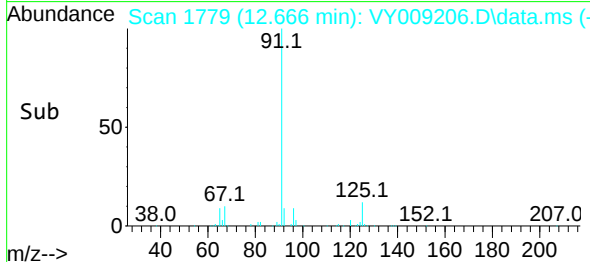
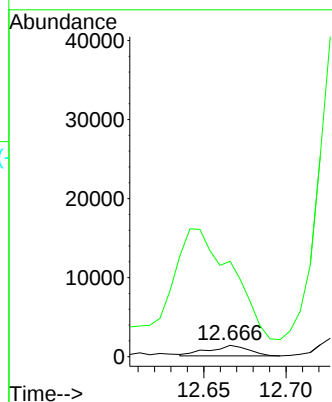
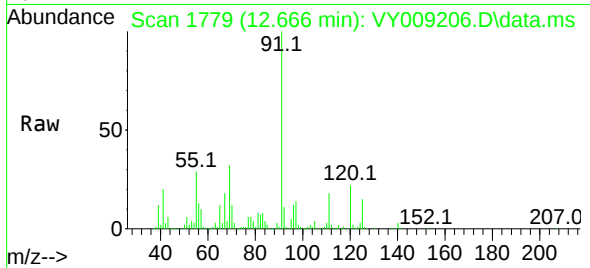




#76
1,2,3-Trichloropropane
Concen: 1.477 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.036 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

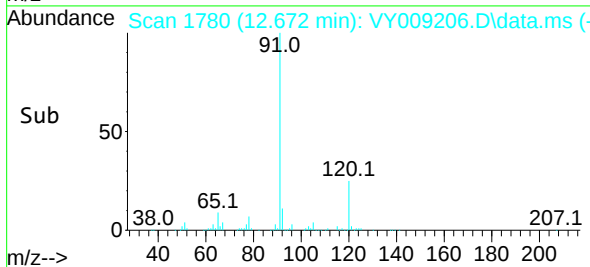
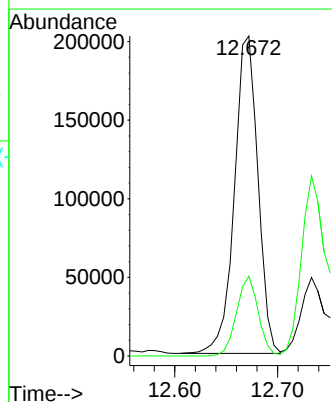
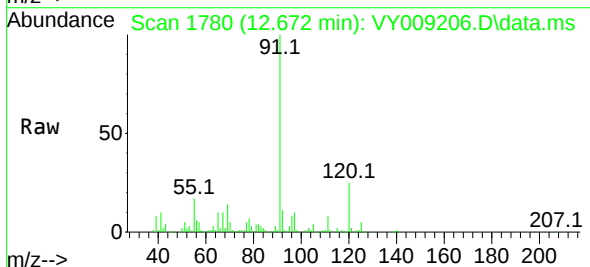
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

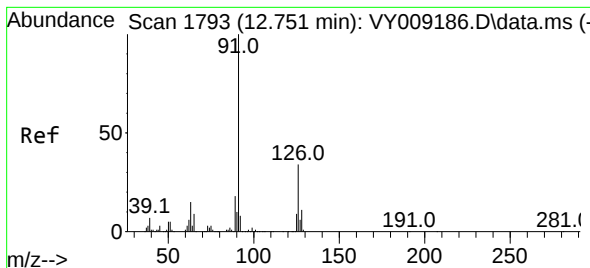
Tgt Ion: 75 Resp: 2246
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 25.600 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 91 Resp: 320967
Ion Ratio Lower Upper
91 100
120 23.2 11.3 33.9





#79

2-Chlorotoluene

Concen: 8.514 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY009206.D

Acq: 16 Jun 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

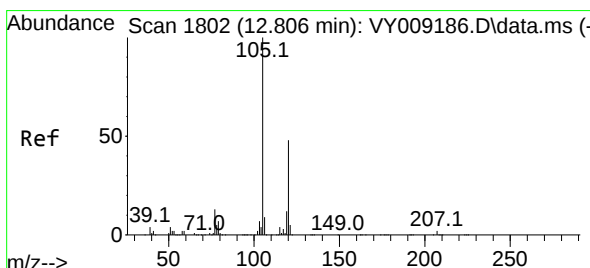
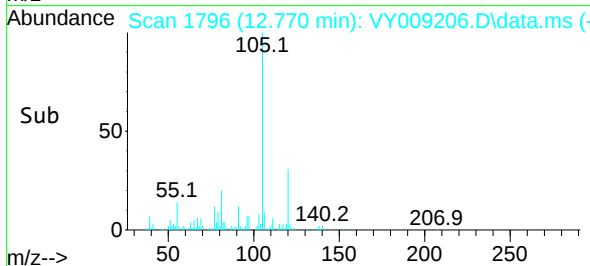
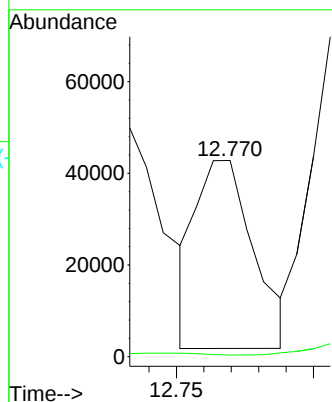
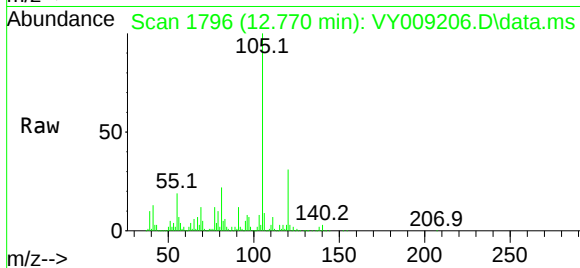
WC-14A-1A-8

Tgt Ion: 91 Resp: 60148

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#



#80

1,3,5-Trimethylbenzene

Concen: 109.262 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY009206.D

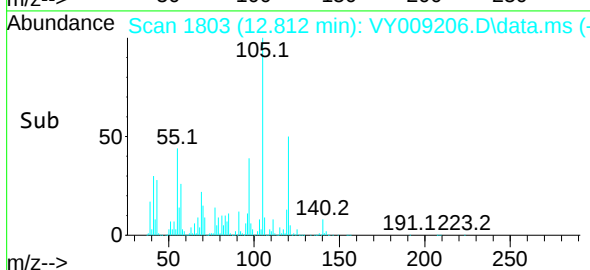
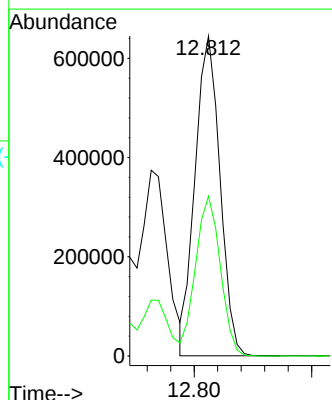
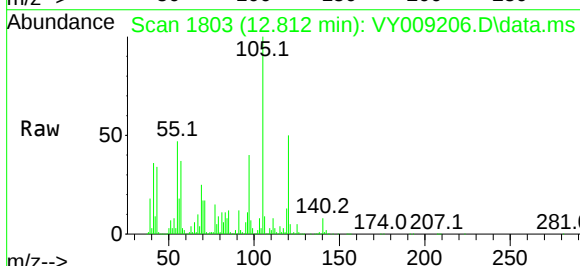
Acq: 16 Jun 2022 16:47

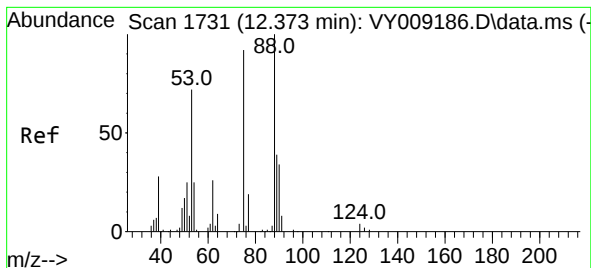
Tgt Ion: 105 Resp: 946318

Ion Ratio Lower Upper

105 100

120 49.8 24.4 73.4

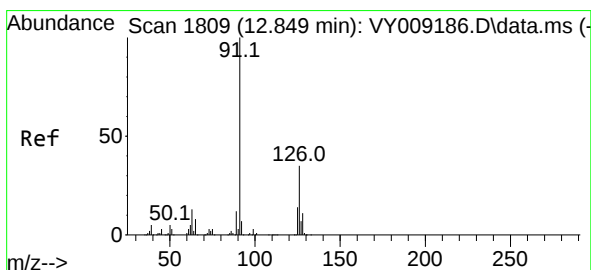
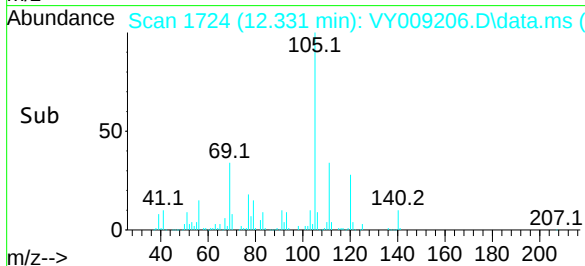
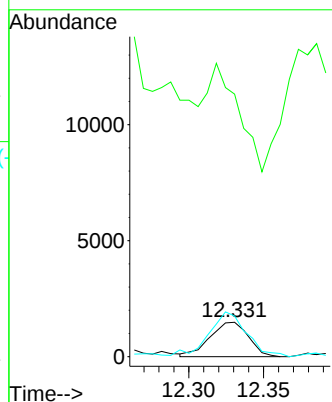
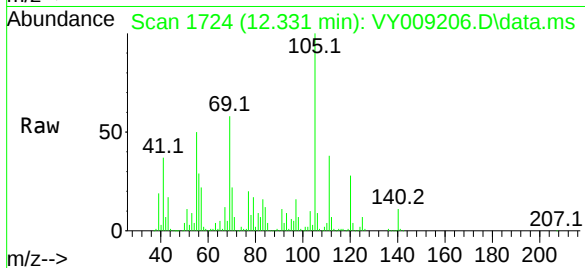




#81
trans-1,4-Dichloro-2-butene
Concen: 3.481 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.043 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

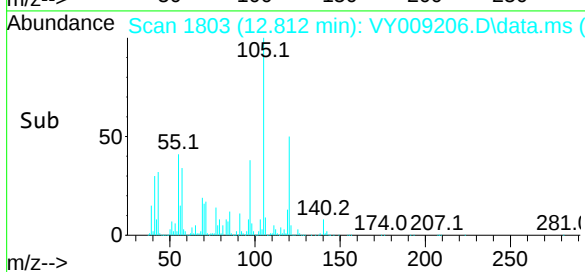
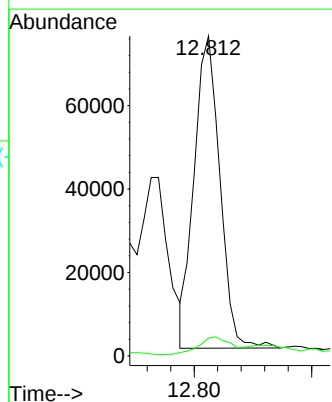
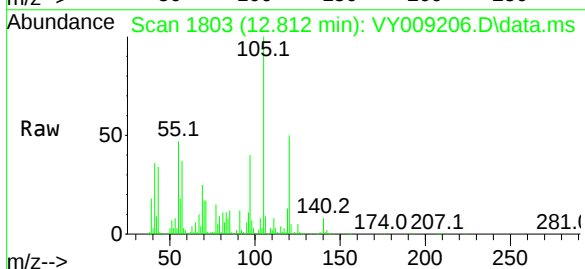
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

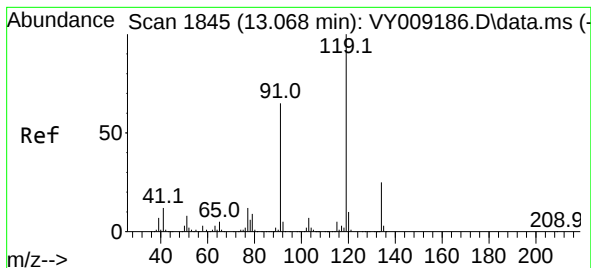
Tgt Ion: 75 Resp: 2655
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 127.3 37.0 55.4#



#82
4-Chlorotoluene
Concen: 15.419 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.037 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 91 Resp: 113649
Ion Ratio Lower Upper
91 100
126 7.4 17.0 51.0#





#83

tert-Butylbenzene

Concen: 2.664 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY009206.D

Acq: 16 Jun 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-8

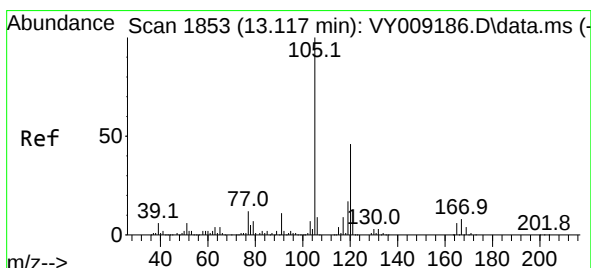
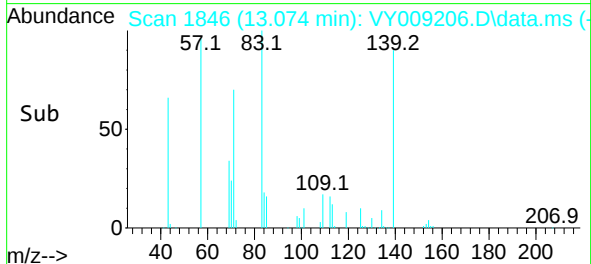
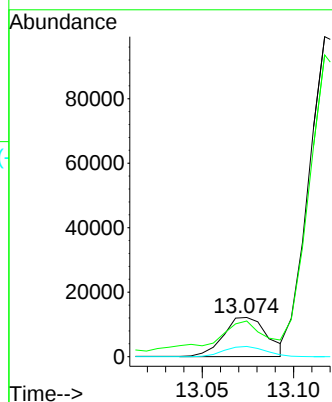
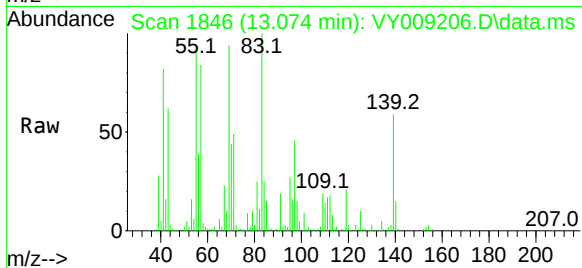
Tgt Ion:119 Resp: 20288

Ion Ratio Lower Upper

119 100

91 88.4 34.8 104.4

134 24.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 148.834 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009206.D

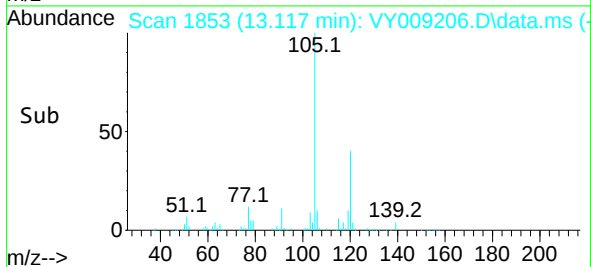
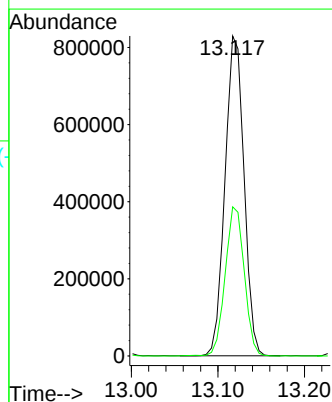
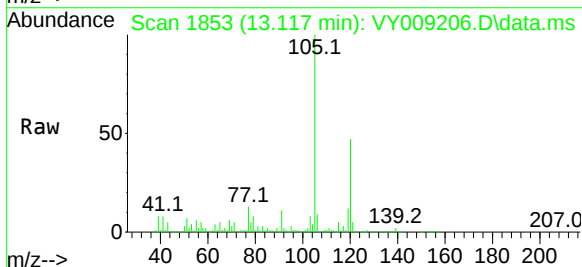
Acq: 16 Jun 2022 16:47

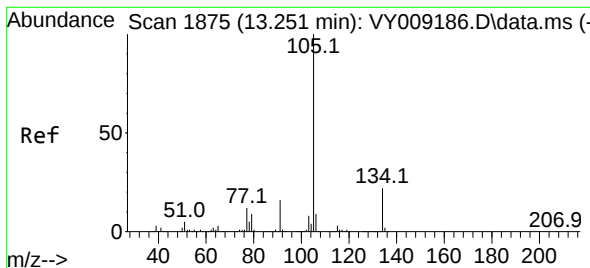
Tgt Ion:105 Resp: 1265250

Ion Ratio Lower Upper

105 100

120 46.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.132 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009206.D

Acq: 16 Jun 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

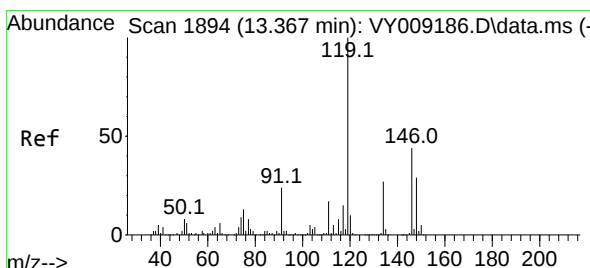
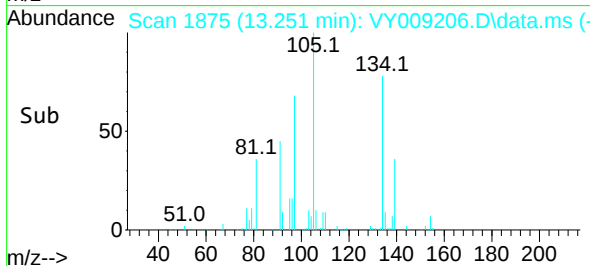
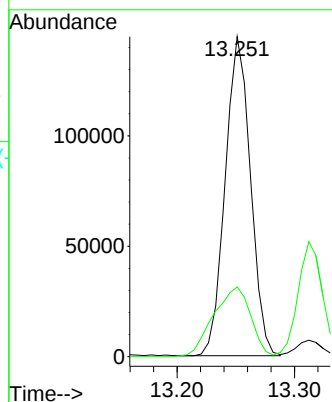
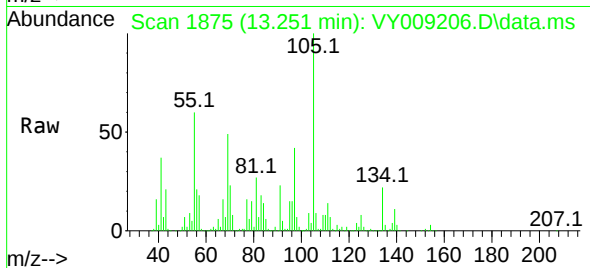
WC-14A-1A-8

Tgt Ion:105 Resp: 215722

Ion Ratio Lower Upper

105 100

134 32.1 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 25.354 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009206.D

Acq: 16 Jun 2022 16:47

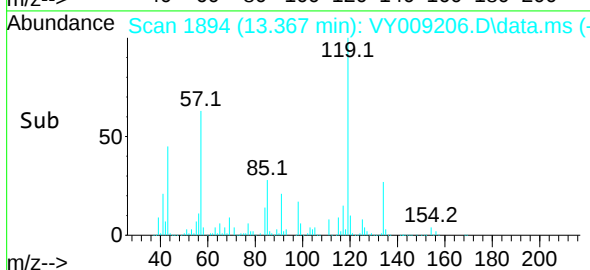
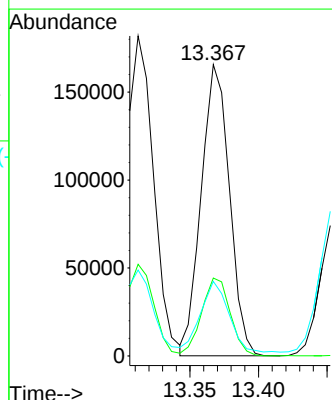
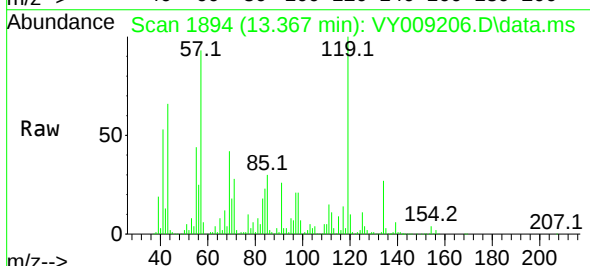
Tgt Ion:119 Resp: 237235

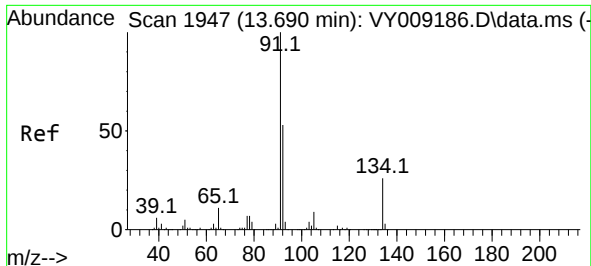
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 24.1 12.4 37.2





#89

n-Butylbenzene

Concen: 11.537 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY009206.D

Acq: 16 Jun 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-8

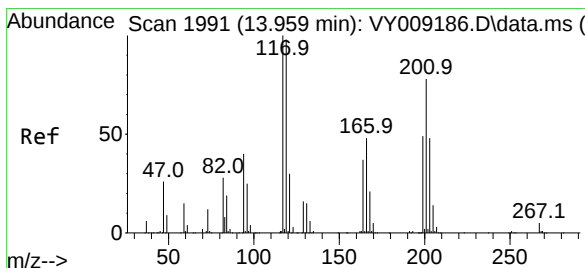
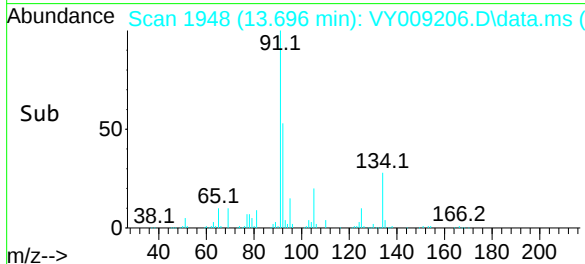
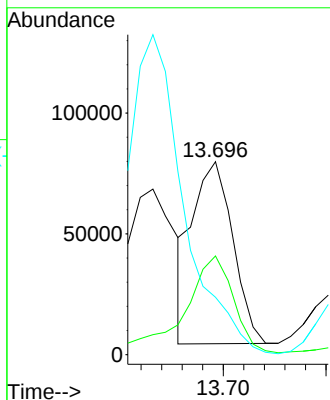
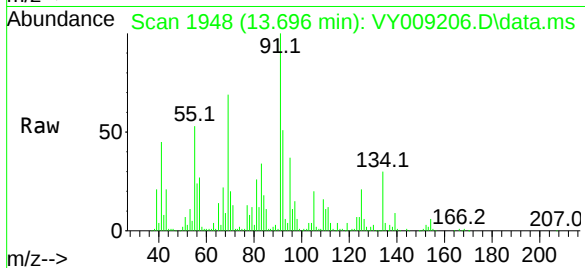
Tgt Ion: 91 Resp: 102079

Ion Ratio Lower Upper

91 100

92 65.8 26.3 78.9

134 0.0 13.0 38.9#



#90

Hexachloroethane

Concen: 19.485 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY009206.D

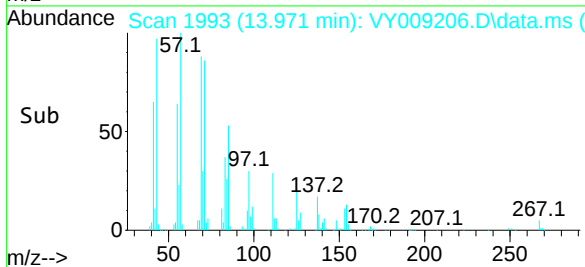
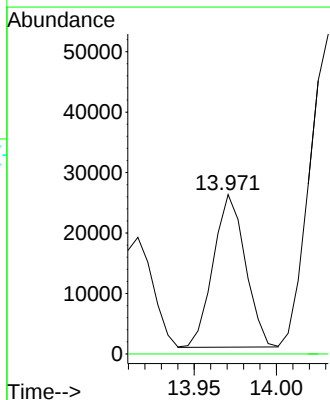
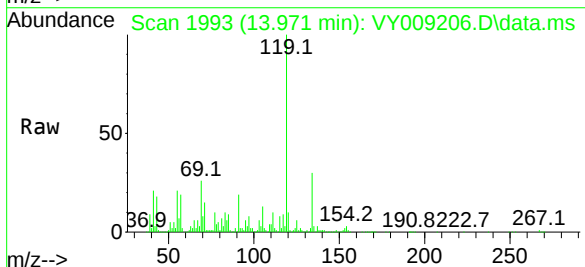
Acq: 16 Jun 2022 16:47

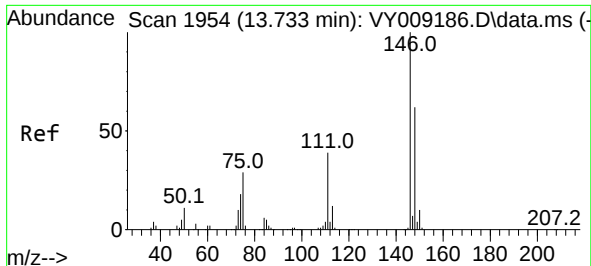
Tgt Ion: 117 Resp: 34378

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#

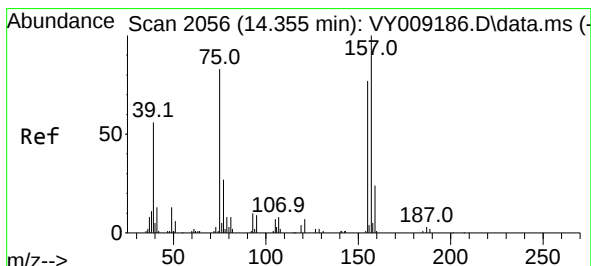
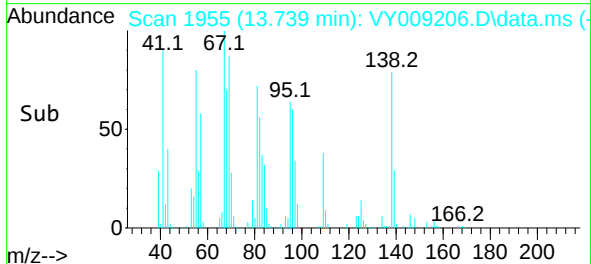
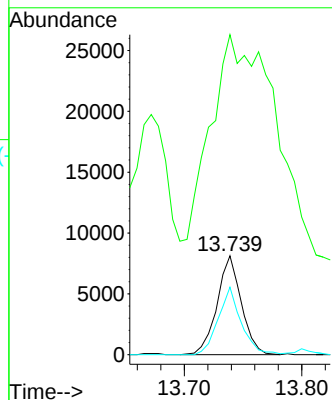
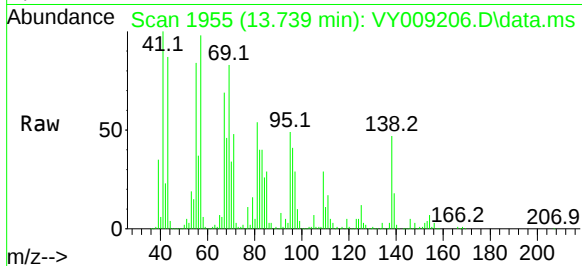




#91
1,2-Dichlorobenzene
Concen: 2.625 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

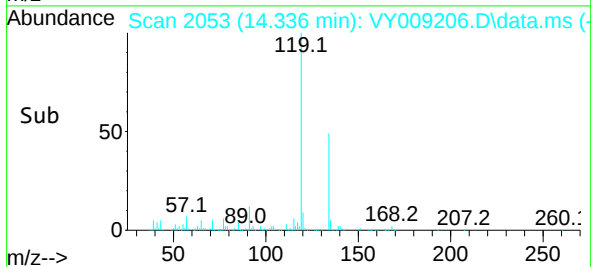
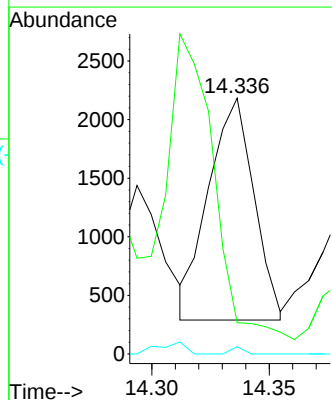
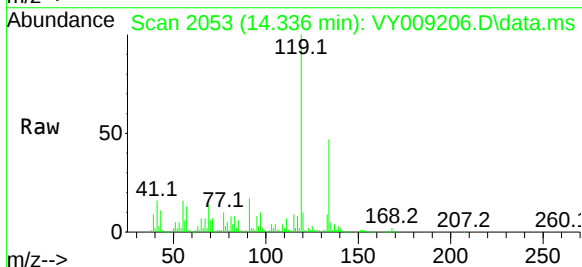
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A-1A-8

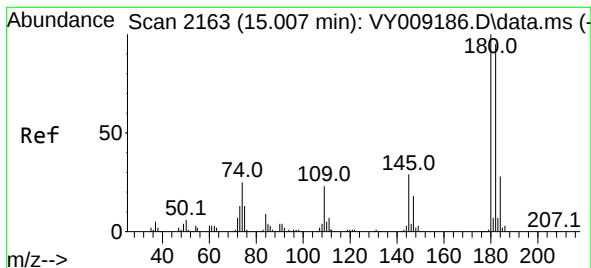
Tgt Ion:146 Resp: 11657
Ion Ratio Lower Upper
146 100
111 685.1 20.3 60.9#
148 64.8 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.872 ug/l
RT: 14.336 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY009206.D
Acq: 16 Jun 2022 16:47

Tgt Ion: 75 Resp: 2543
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: 1.512 ug/l

RT: 15.044 min Scan# 2163

Delta R.T. 0.036 min

Lab File: VY009206.D

Acq: 16 Jun 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A-1A-8

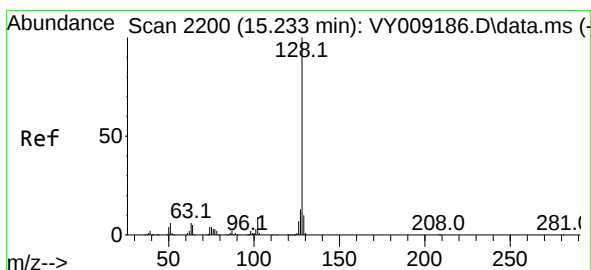
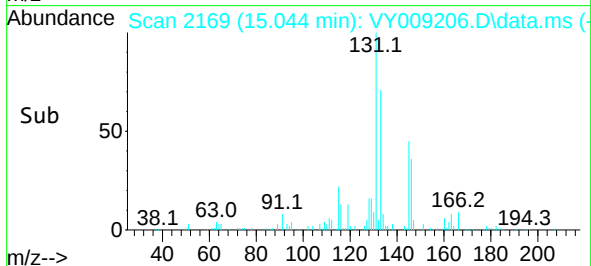
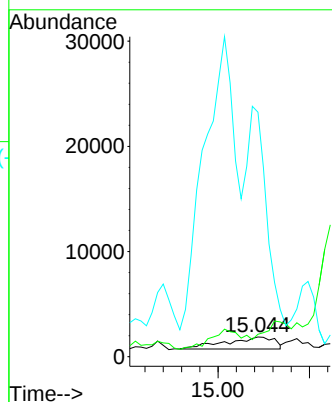
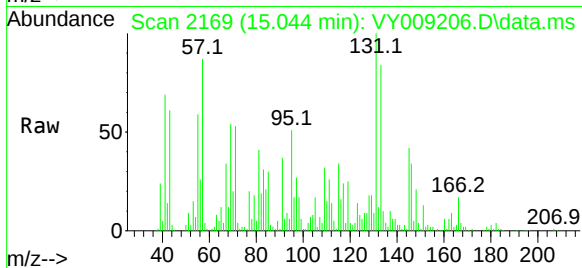
Tgt Ion:180 Resp: 4220

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.9#

145 911.8 14.6 43.8#



#95

Naphthalene

Concen: 39.203 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY009206.D

Acq: 16 Jun 2022 16:47

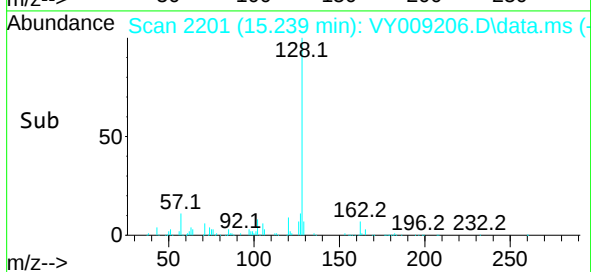
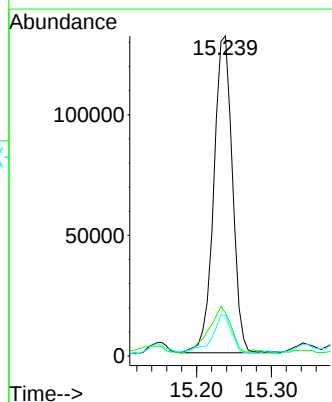
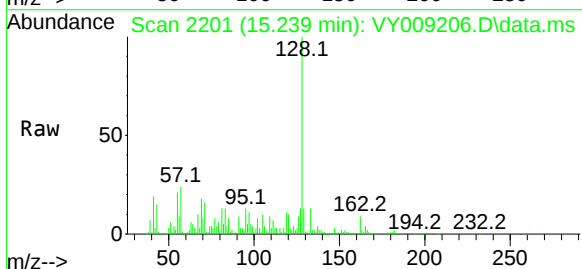
Tgt Ion:128 Resp: 228272

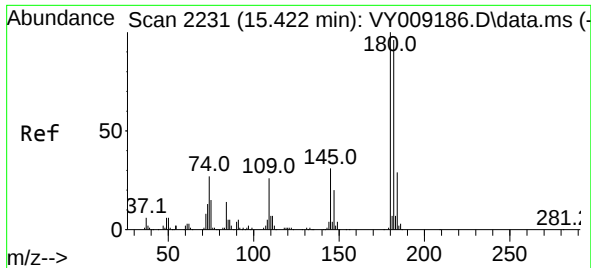
Ion Ratio Lower Upper

128 100

127 17.1 11.0 16.4#

129 12.3 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 2.275 ug/l
 RT: 15.446 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VY009206.D
 Acq: 16 Jun 2022 16:47

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

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.9#
145	0.0	15.3	45.9#

