

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008385.D
 Acq On : 18 Apr 2022 19:50
 Operator : KP/MD
 Sample : N2452-04
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-15-1-4-GR

Quant Time: Apr 19 06:33:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	115425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	181992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	109120	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.404	152	103395	50.000	ug/l	#-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50543	46.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.240%
35) Dibromofluoromethane	7.722	113	55903	53.182	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.360%
50) Toluene-d8	10.179	98	331756	92.235	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	184.480%#
62) 4-Bromofluorobenzene	12.477	95	213158	157.561	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	315.120%#

Target Compounds			Qvalue			
3) Chloromethane	2.107	50	374	Below Cal	#	79
5) Bromomethane	2.656	94	159	Below Cal	#	4
11) Tert butyl alcohol	4.954	59	1222	10.543	ug/l #	77
13) Acrolein	3.735	56	198	2.169	ug/l #	14
15) Acrylonitrile	5.228	53	4679	13.529	ug/l #	39
16) Acetone	3.948	43	69721	267.357	ug/l #	86
17) Carbon Disulfide	4.192	76	4061	1.352	ug/l	98
20) Methylene Chloride	4.716	84	5757	Below Cal	#	61
25) 2-Butanone	6.984	43	36107	88.547	ug/l #	81
29) Tetrahydrofuran	7.350	42	341	1.295	ug/l #	48
30) Chloroform	7.466	83	3059	1.217	ug/l #	18
31) Cyclohexane	7.783	56	186356	95.051	ug/l #	82
36) 1,1-Dichloropropene	7.783	75	8257	4.919	ug/l #	74
37) Ethyl Acetate	6.984	43	36107	41.718	ug/l #	72
38) Carbon Tetrachloride	7.789	117	11060	6.125	ug/l #	17
39) Methylcyclohexane	9.185	83	1220402	565.077	ug/l #	80
40) Benzene	8.161	78	6974	1.395	ug/l	97
41) Methacrylonitrile	7.356	41	1053	2.175	ug/l #	33
43) Isopropyl Acetate	8.270	43	41075	25.571	ug/l #	56
45) 1,2-Dichloropropane	9.185	63	10006	8.195	ug/l #	1
47) Bromodichloromethane	9.465	83	17587	9.676	ug/l #	49
48) Methyl methacrylate	9.246	41	56455	82.676	ug/l #	39
51) 4-Methyl-2-Pentanone	10.112	43	26959	32.503	ug/l	93
52) Toluene	10.246	92	7403	2.248	ug/l	89
55) 1,1,2-Trichloroethane	10.624	97	429896	372.906	ug/l #	20
56) Ethyl methacrylate	10.520	69	182523	129.138	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.801	63	660	1.185	ug/l #	62
59) 2-Hexanone	10.807	43	445490	780.564	ug/l #	34
60) Dibromochloromethane	10.904	129	2604	1.934	ug/l	59
61) 1,2-Dibromoethane	11.093	107	1209	1.073	ug/l #	1
65) Chlorobenzene	11.532	112	2733	1.155	ug/l #	42
67) Ethyl Benzene	11.593	91	55668	13.833	ug/l	93
68) m/p-Xylenes	11.697	106	292115	182.517	ug/l	94
69) o-Xylene	12.032	106	119267	76.791	ug/l	98
70) Styrene	12.032	104	6395	2.497	ug/l #	1
73) Isopropylbenzene	12.331	105	347712	45.232	ug/l	98

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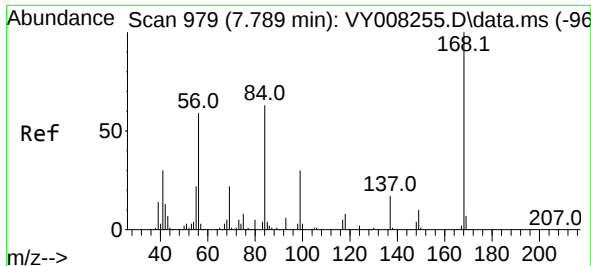
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

74) N-amyl acetate	12.130	43	1005954	602.748	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.562	83	159069	97.792	ug/l #	26
76) 1,2,3-Trichloropropane	12.672	75	4039	3.532	ug/l #	100
77) Bromobenzene	12.581	156	4048	2.149	ug/l #	1
78) n-propylbenzene	12.672	91	503973	55.559	ug/l	98
79) 2-Chlorotoluene	12.818	91	271414	53.315	ug/l	78
80) 1,3,5-Trimethylbenzene	12.818	105	2314831	367.232	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.331	75	3345	6.545	ug/l #	1
82) 4-Chlorotoluene	12.818	91	269289	51.475	ug/l	78
83) tert-Butylbenzene	13.081	119	159575	28.219	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	3474123	556.919	ug/l	93
85) sec-Butylbenzene	13.257	105	488297	58.244	ug/l #	66
86) p-Isopropyltoluene	13.373	119	190551	27.237	ug/l	94
89) n-Butylbenzene	13.702	91	197895	31.308	ug/l #	69
90) Hexachloroethane	13.977	117	108465	82.951	ug/l #	6
91) 1,2-Dichlorobenzene	13.739	146	29112	8.771	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.379	75	1241	5.332	ug/l #	1
95) Naphthalene	15.227	128	11171	2.656	ug/l #	1

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

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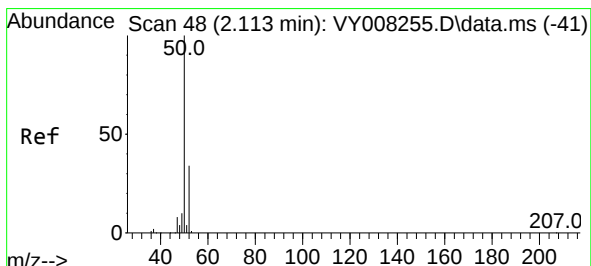
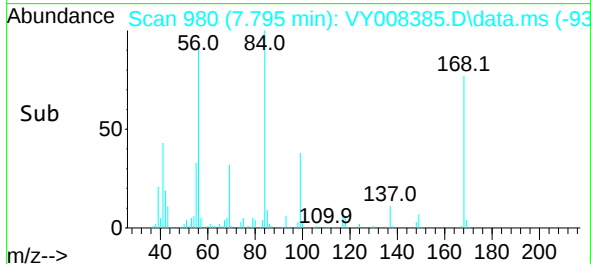
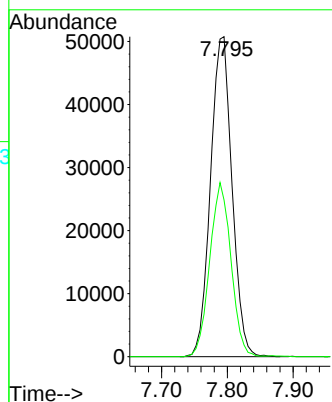
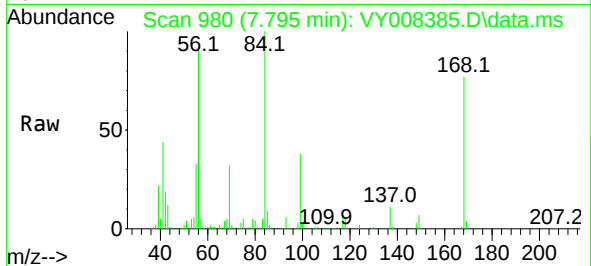




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008385.D
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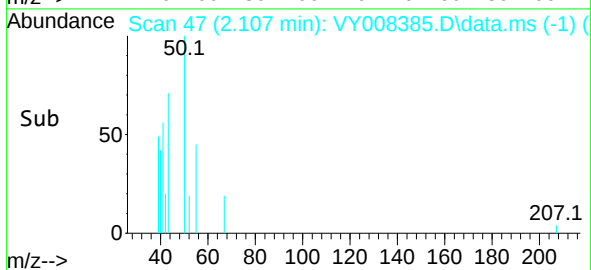
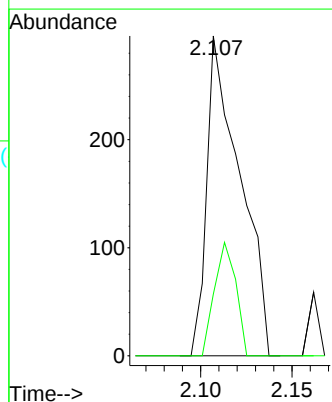
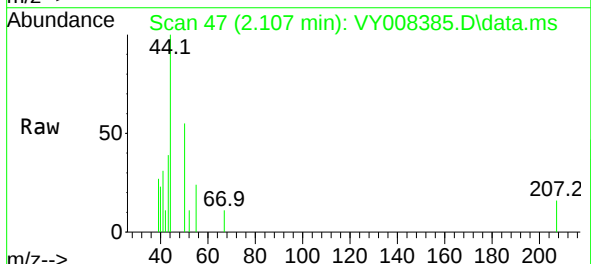
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

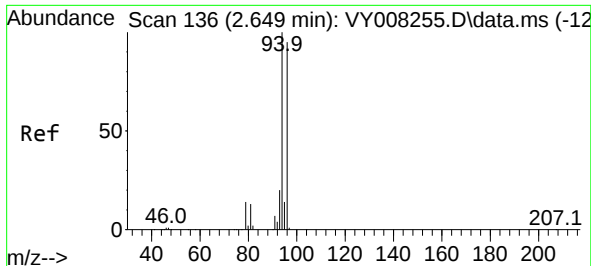
Tgt Ion:168 Resp: 115425
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 50 Resp: 374
Ion Ratio Lower Upper
50 100
52 19.3 24.6 37.0#

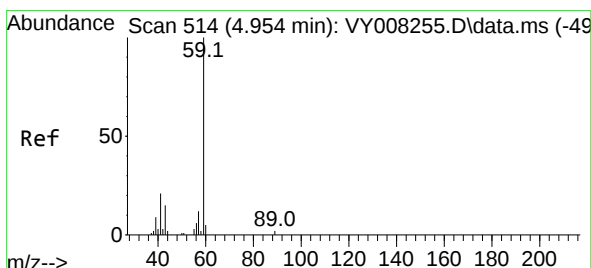
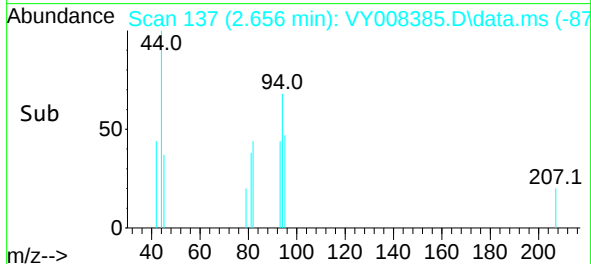
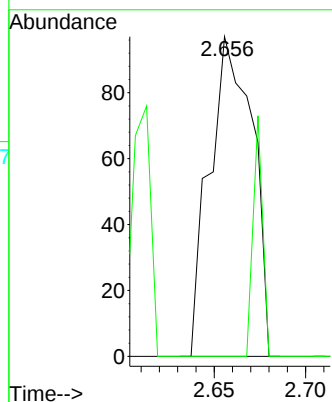
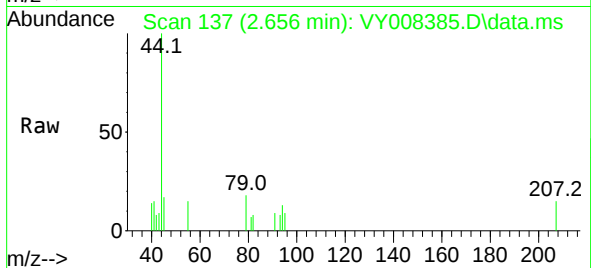




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

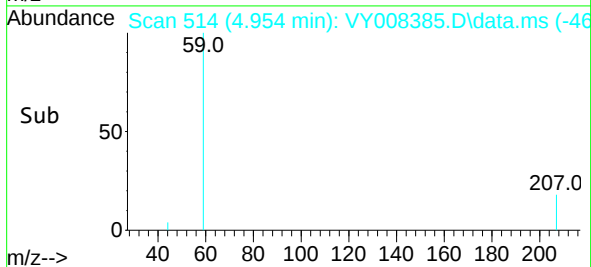
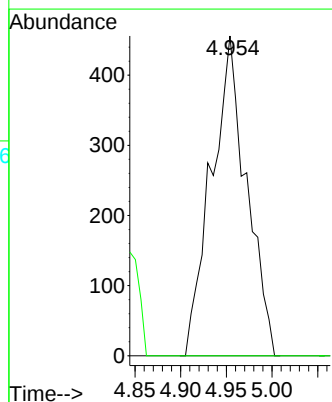
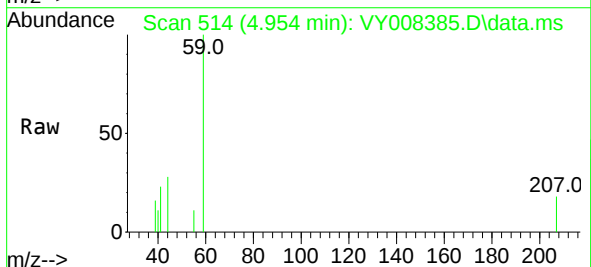
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

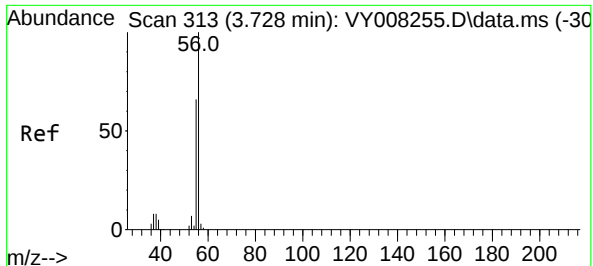
Tgt Ion: 94 Resp: 159
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#11
Tert butyl alcohol
Concen: 10.543 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 59 Resp: 1222
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#13

Acrolein

Concen: 2.169 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.007 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

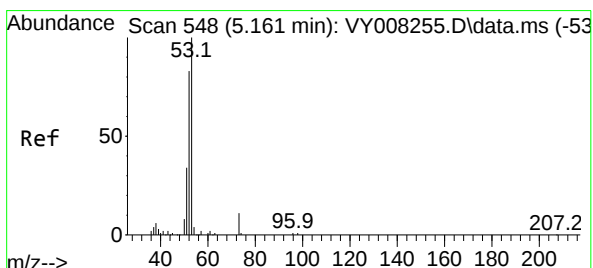
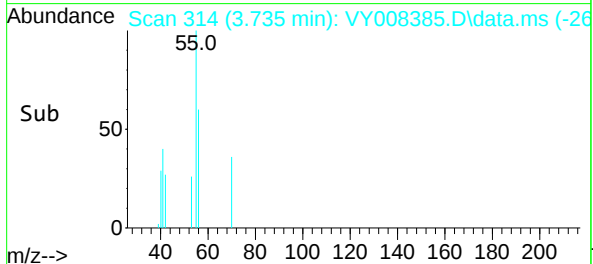
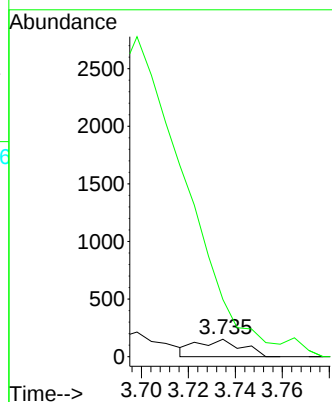
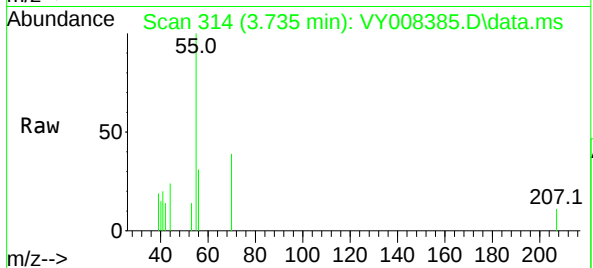
WC-15-1-4-GR

Tgt Ion: 56 Resp: 198

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#



#15

Acrylonitrile

Concen: 13.529 ug/l

RT: 5.228 min Scan# 559

Delta R.T. 0.067 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

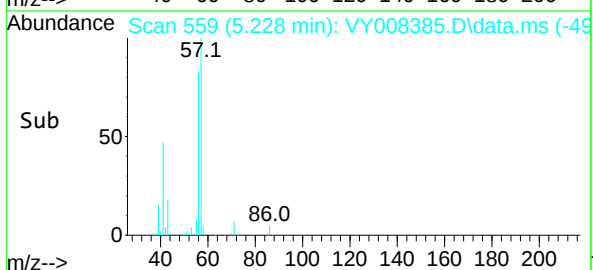
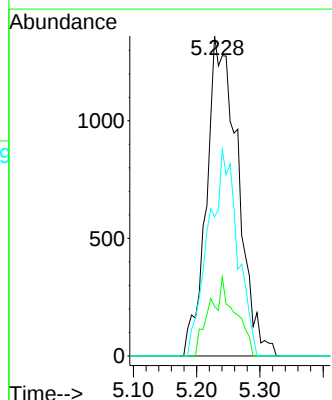
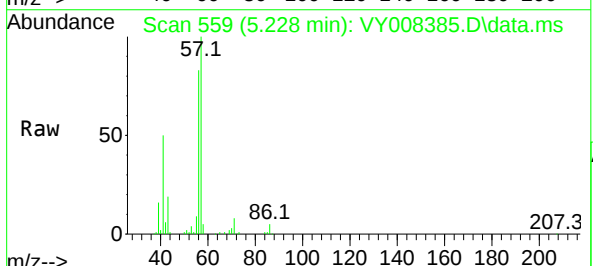
Tgt Ion: 53 Resp: 4679

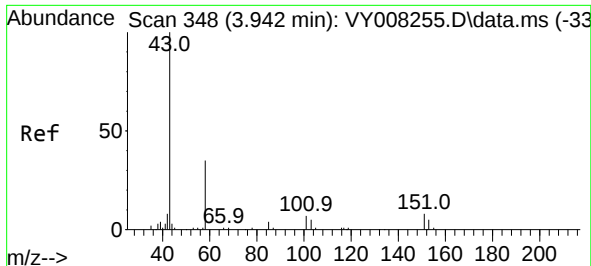
Ion Ratio Lower Upper

53 100

52 19.8 67.0 100.4#

51 60.0 29.8 44.6#





#16

Acetone

Concen: 267.357 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

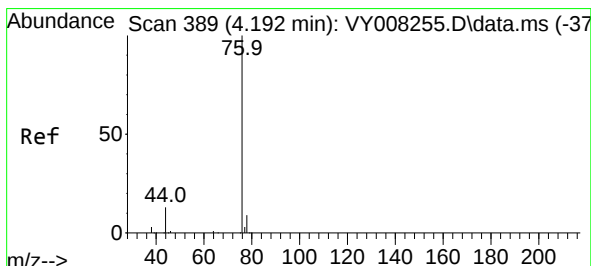
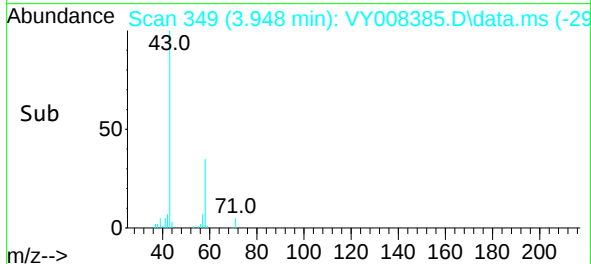
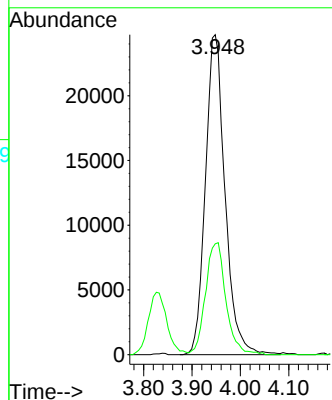
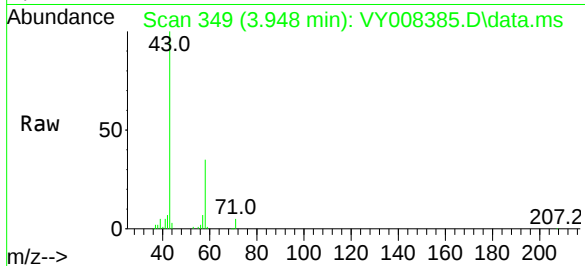
WC-15-1-4-GR

Tgt Ion: 43 Resp: 69721

Ion Ratio Lower Upper

43 100

58 34.6 22.0 33.0#



#17

Carbon Disulfide

Concen: 1.352 ug/l

RT: 4.192 min Scan# 389

Delta R.T. -0.000 min

Lab File: VY008385.D

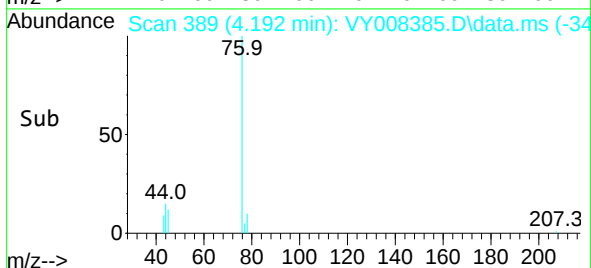
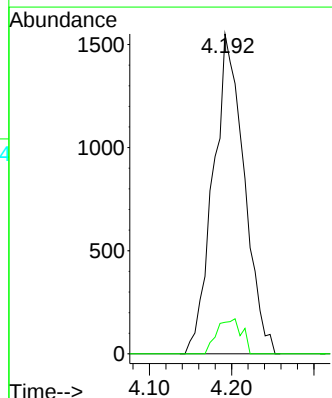
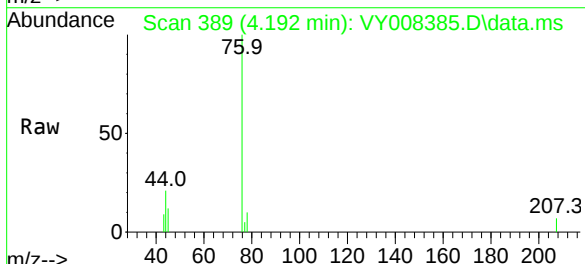
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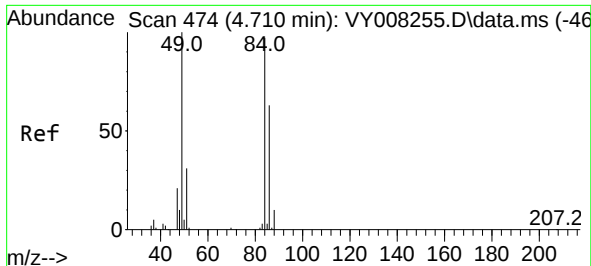
Tgt Ion: 76 Resp: 4061

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0

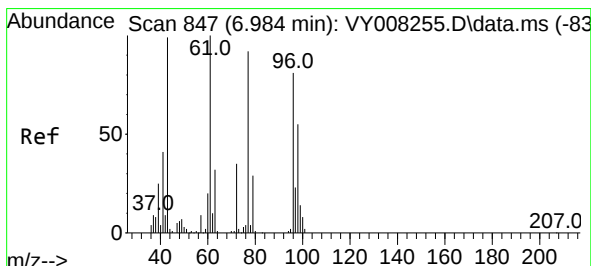
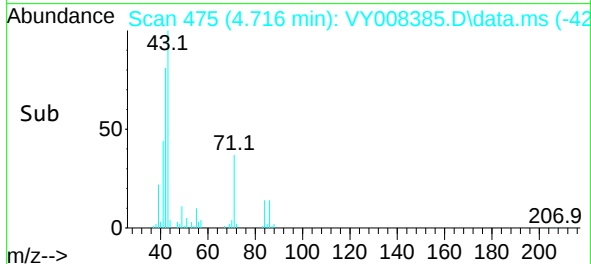
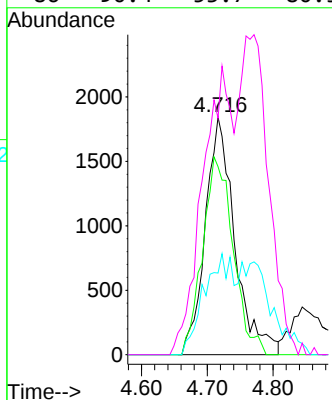
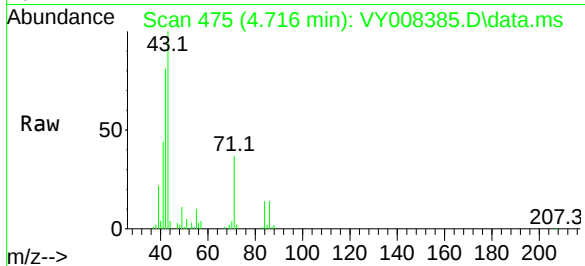




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

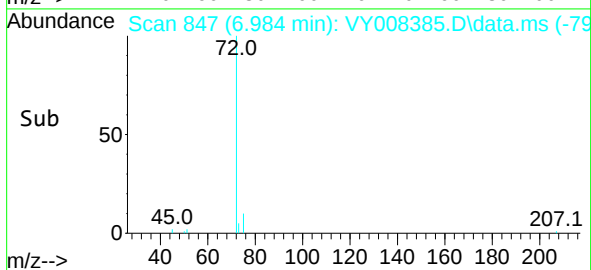
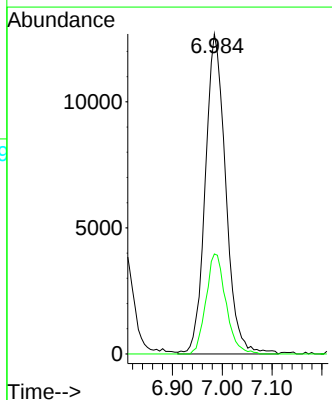
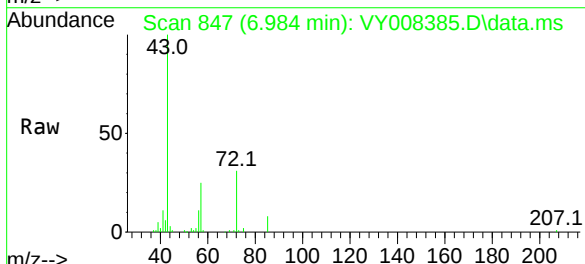
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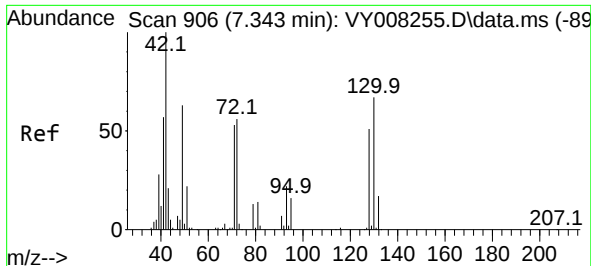
Tgt Ion: 84 Resp: 5757
Ion Ratio Lower Upper
84 100
49 79.1 114.4 171.6#
51 34.4 35.3 52.9#
86 90.4 53.7 80.5#



#25
2-Butanone
Concen: 88.547 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 43 Resp: 36107
Ion Ratio Lower Upper
43 100
72 31.2 17.7 26.5#





#29

Tetrahydrofuran

Concen: 1.295 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.007 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

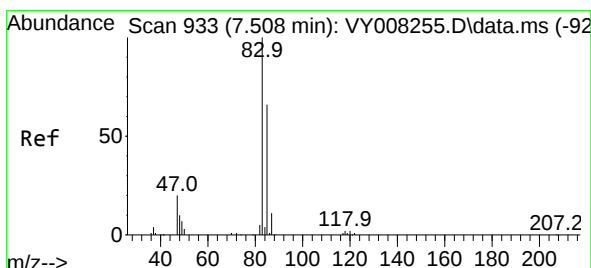
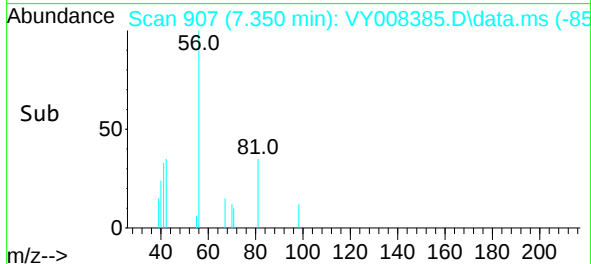
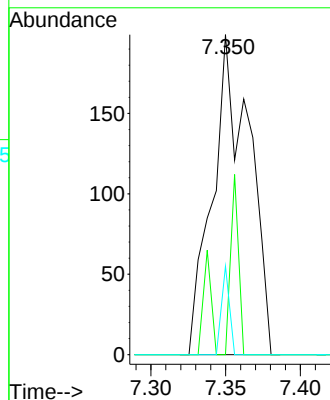
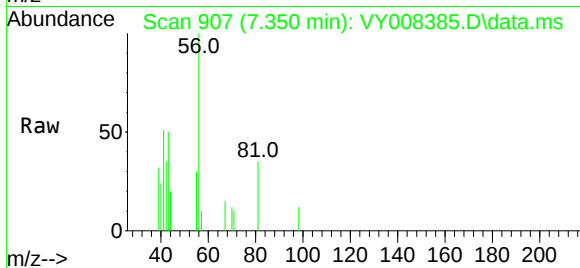
Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-4-GR

Tgt Ion: 42	Resp: 341
Ion Ratio	Lower Upper
42	100
72	12.0 30.3 45.5#
71	0.0 29.0 43.4#



#30

Chloroform

Concen: 1.217 ug/l

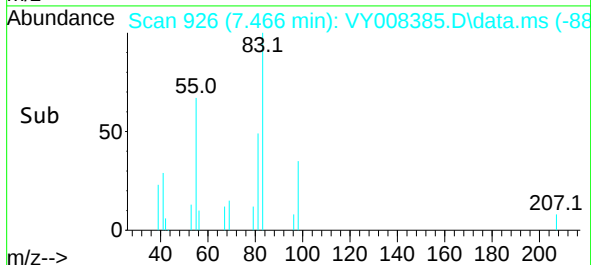
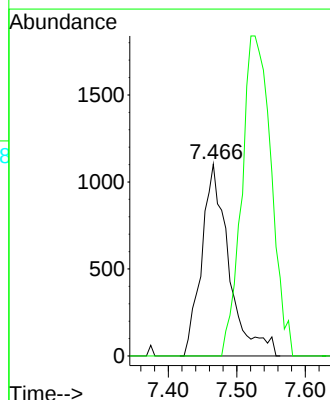
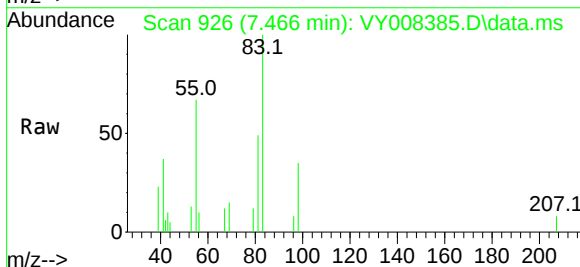
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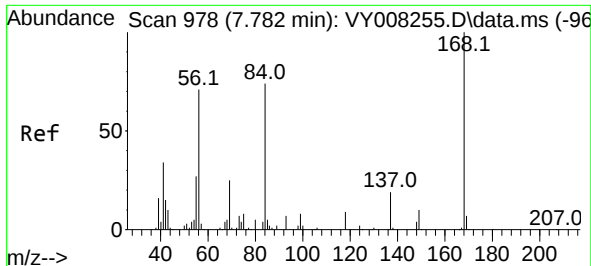
Delta R.T. -0.042 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

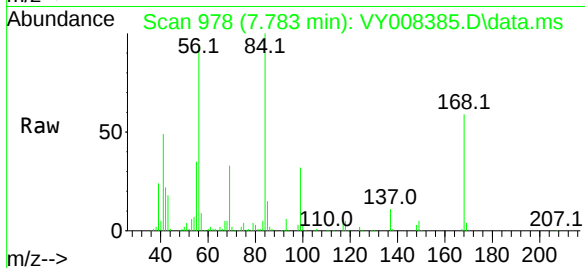
Tgt Ion: 83	Resp: 3059
Ion Ratio	Lower Upper
83	100
85	0.0 51.8 77.6#



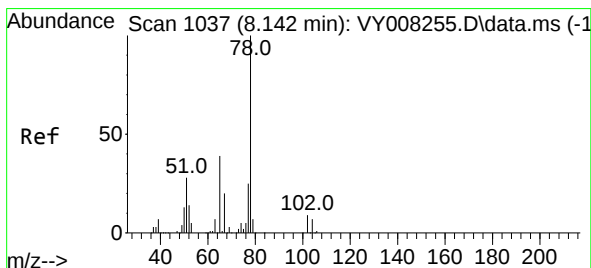
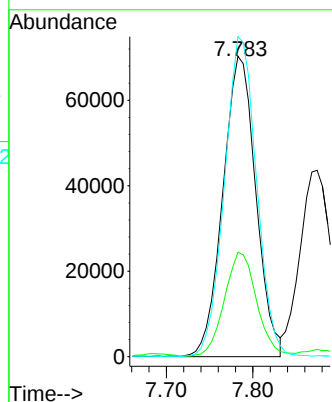
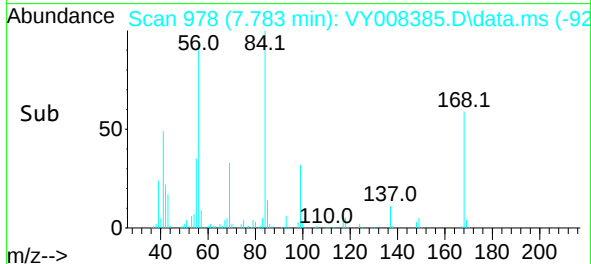


#31
Cyclohexane
Concen: 95.051 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

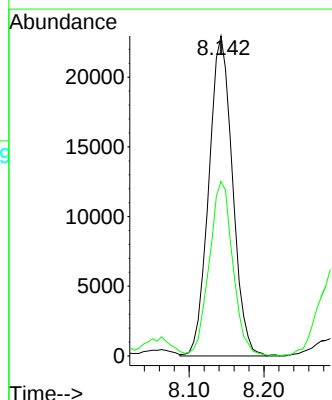
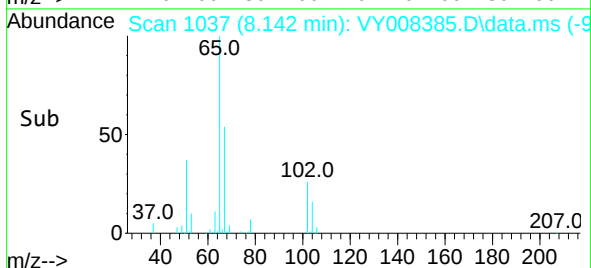
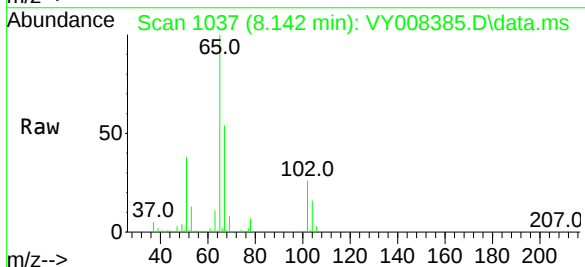


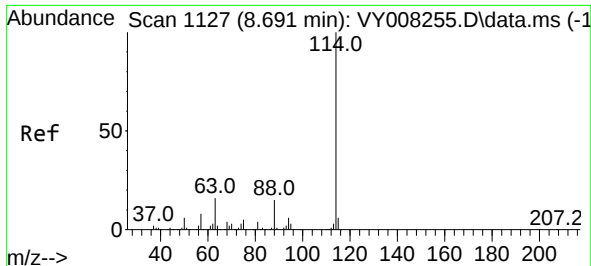
Tgt Ion: 56 Resp: 186356
Ion Ratio Lower Upper
56 100
69 34.5 26.7 40.1
84 106.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 46.617 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 65 Resp: 50543
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-4-GR

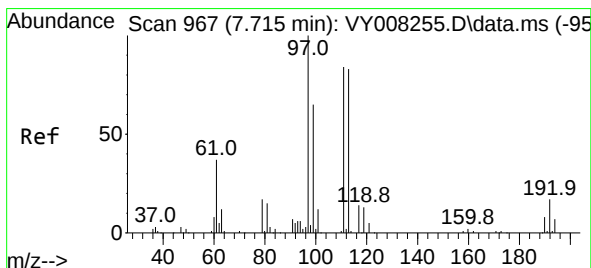
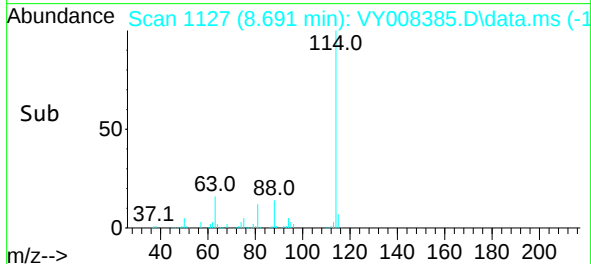
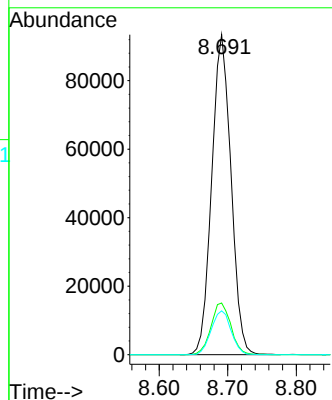
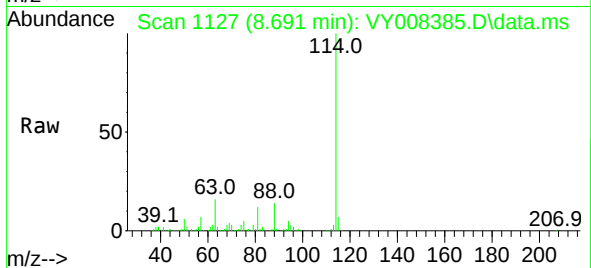
Tgt Ion:114 Resp: 181992

Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.182 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

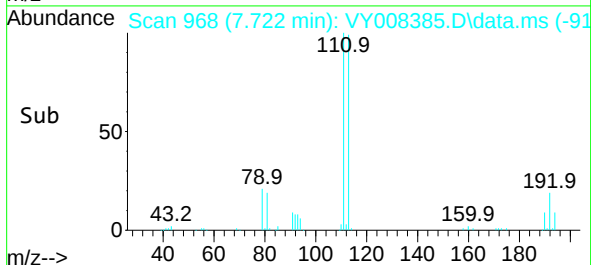
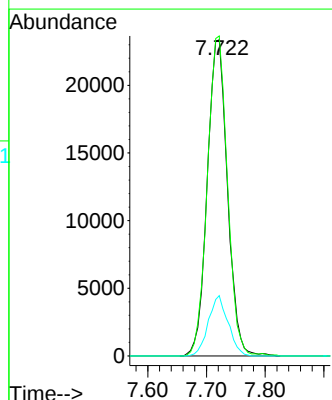
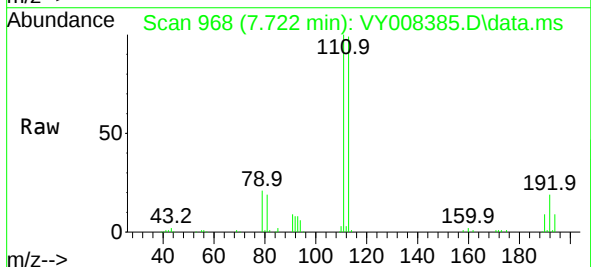
Tgt Ion:113 Resp: 55903

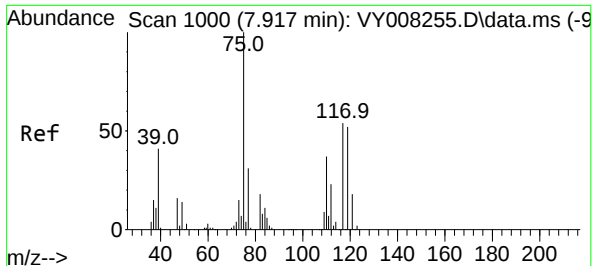
Ion Ratio Lower Upper

113 100

111 100.7 82.6 124.0

192 18.6 17.6 26.4

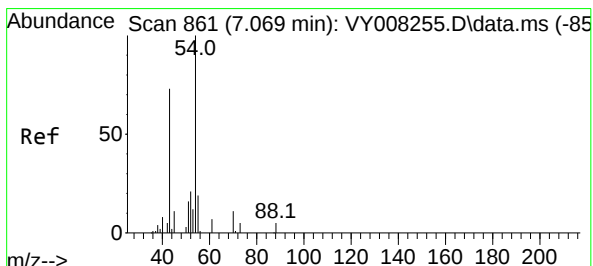
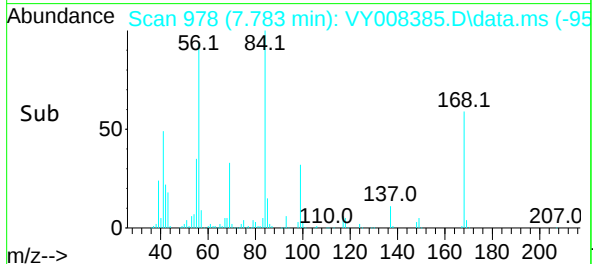
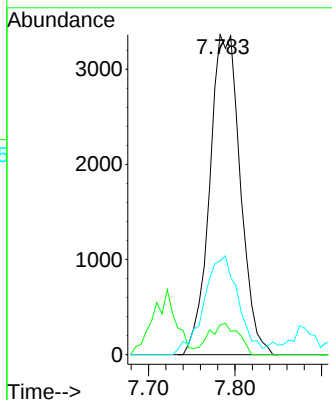
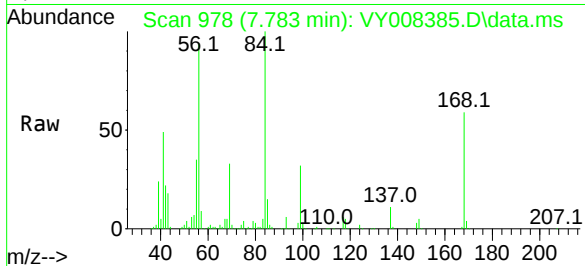




#36
1,1-Dichloropropene
Concen: 4.919 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

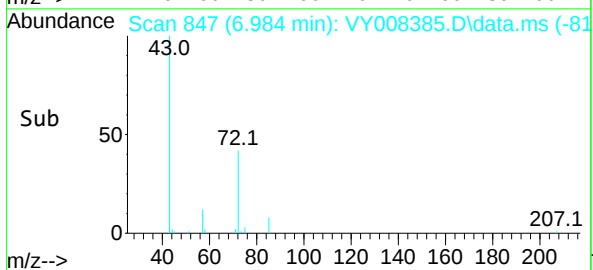
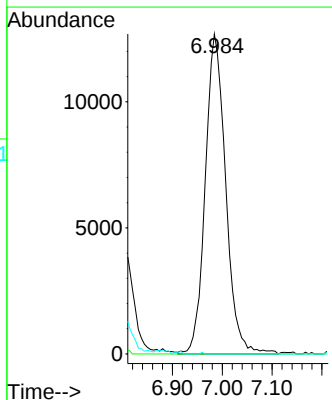
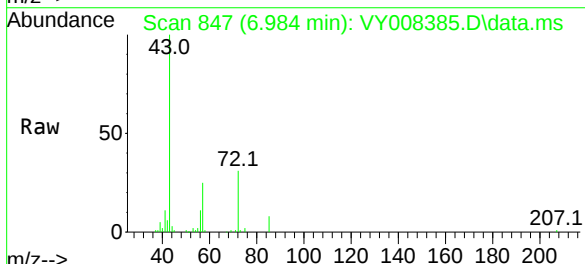
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

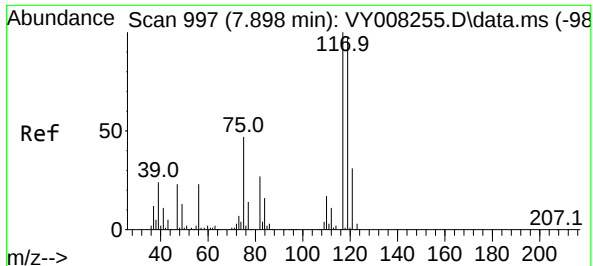
Tgt Ion: 75 Resp: 8257
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 34.9 24.4 36.6



#37
Ethyl Acetate
Concen: 41.718 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.085 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 43 Resp: 36107
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#

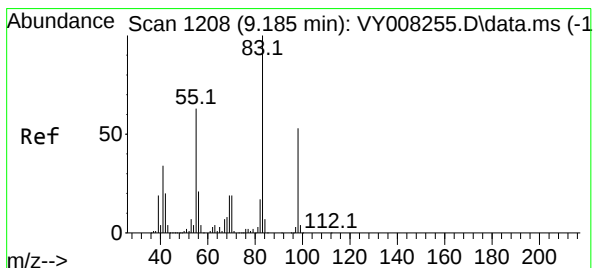
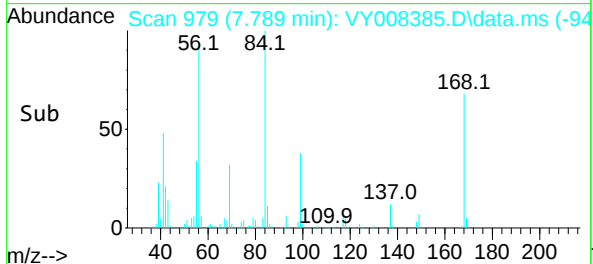
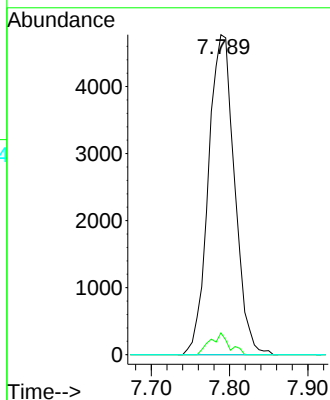
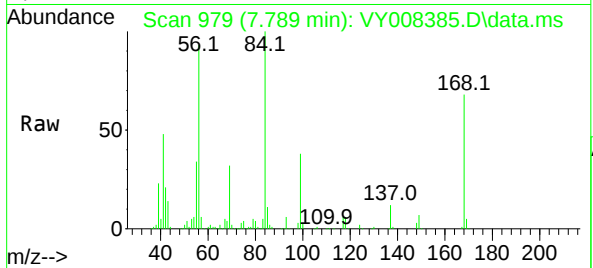




#38
Carbon Tetrachloride
Concen: 6.125 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

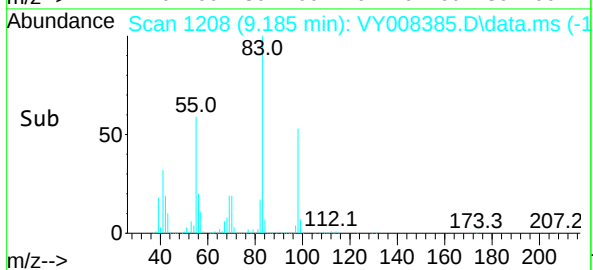
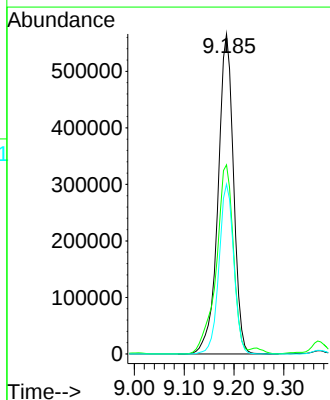
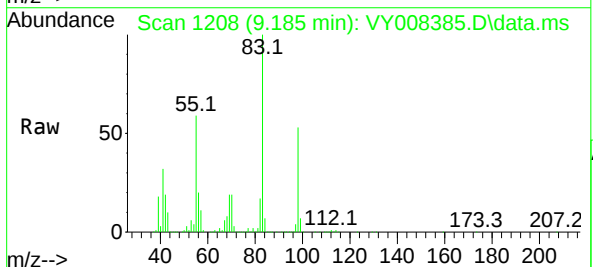
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

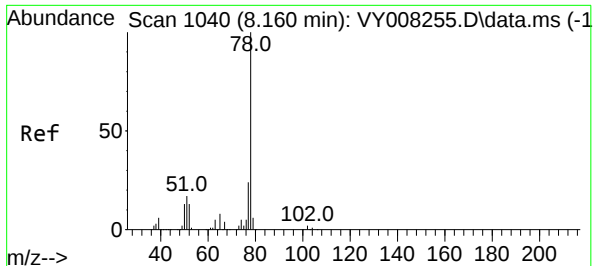
Tgt Ion:117 Resp: 11060
Ion Ratio Lower Upper
117 100
119 6.8 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 565.077 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 83 Resp: 1220402
Ion Ratio Lower Upper
83 100
55 59.0 66.5 99.7#
98 53.0 37.9 56.9

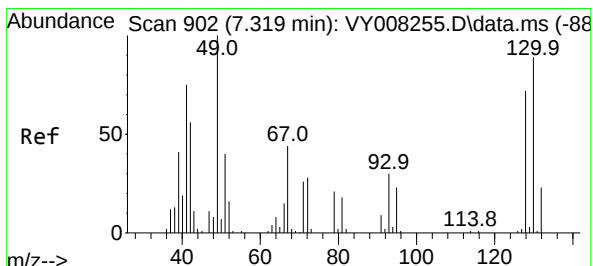
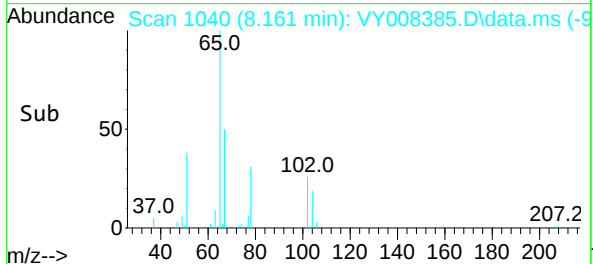
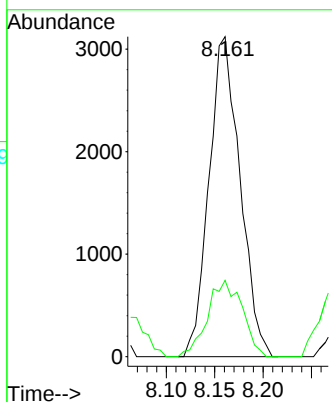
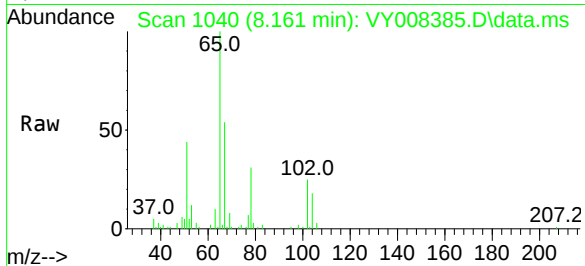




#40
Benzene
Concen: 1.395 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.001 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

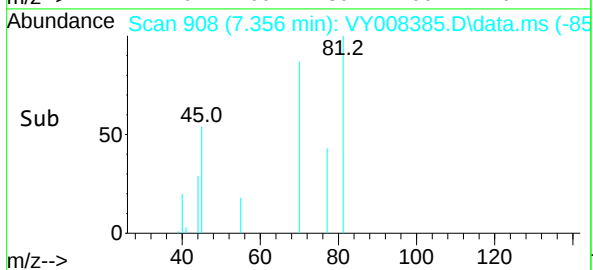
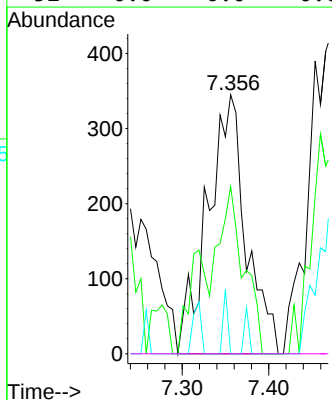
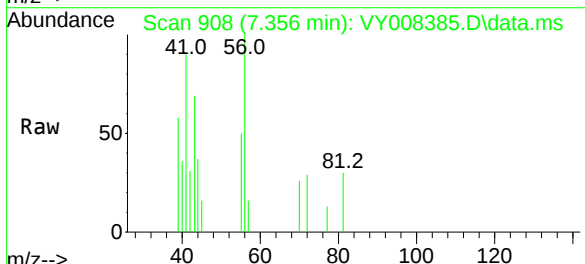
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

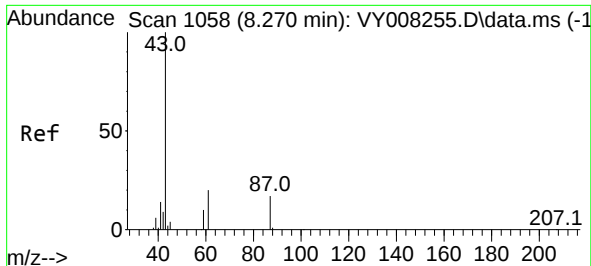
Tgt Ion: 78 Resp: 6974
Ion Ratio Lower Upper
78 100
77 23.8 20.4 30.6



#41
Methacrylonitrile
Concen: 2.175 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.037 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 41 Resp: 1053
Ion Ratio Lower Upper
41 100
39 43.1 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

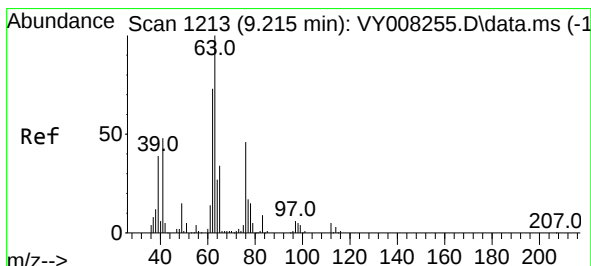
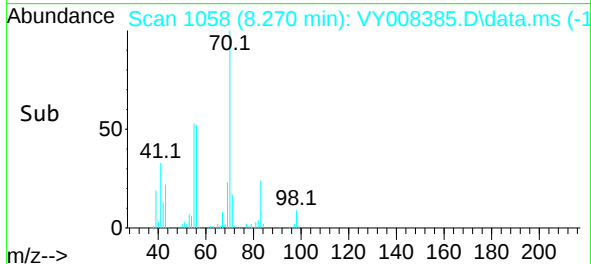
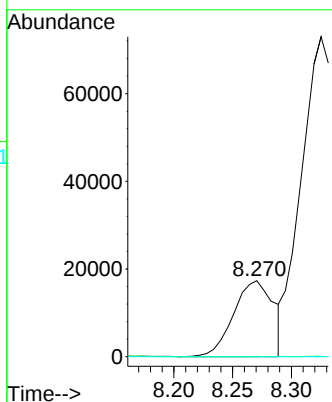
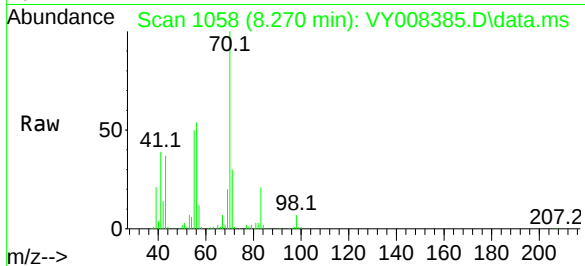




#43
Isopropyl Acetate
Concen: 25.571 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

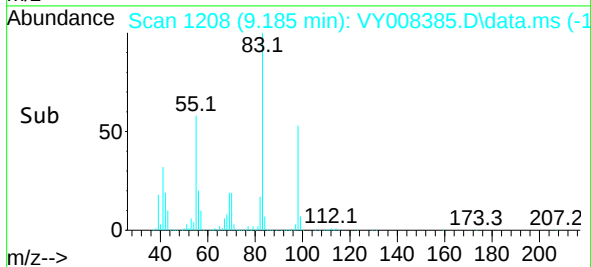
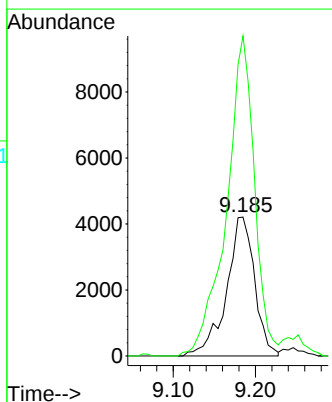
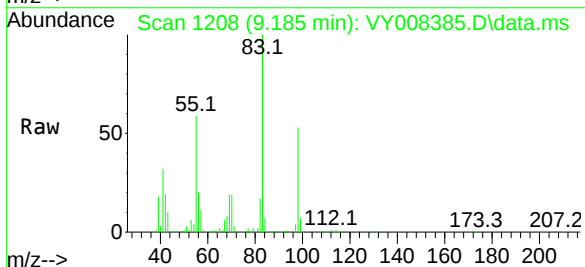
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

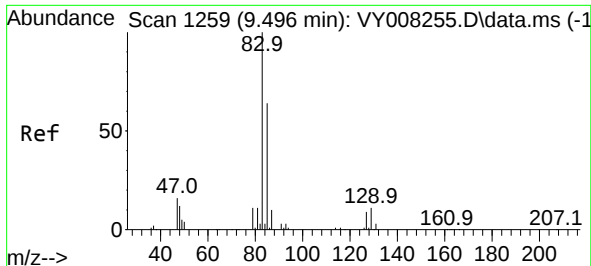
Tgt Ion: 43 Resp: 41075
Ion Ratio Lower Upper
43 100
61 0.1 20.2 30.2#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 8.195 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.030 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 63 Resp: 10006
Ion Ratio Lower Upper
63 100
65 230.5 23.0 34.6#

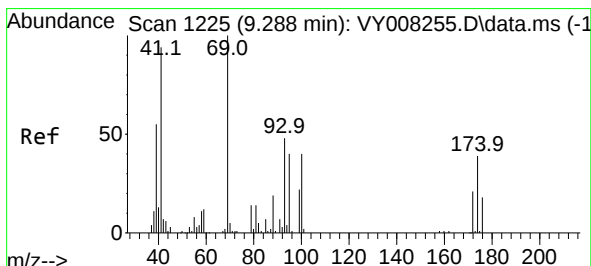
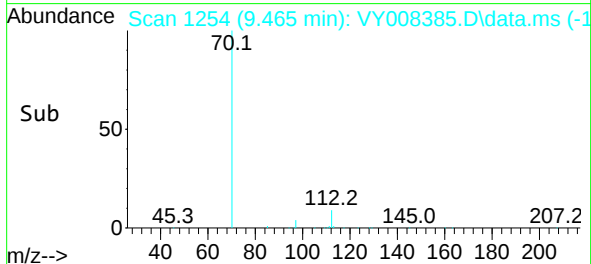
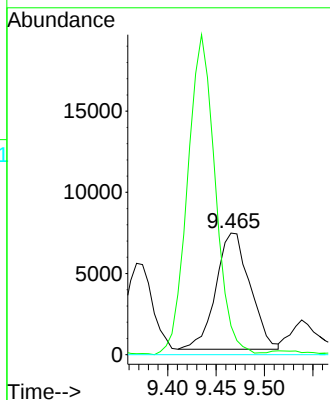
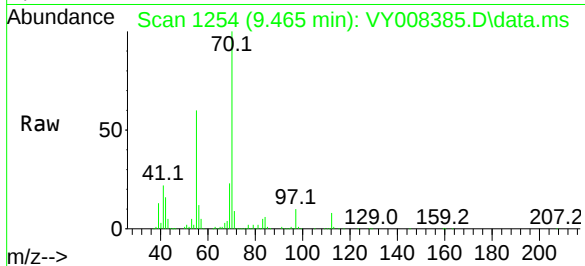




#47
Bromodichloromethane
Concen: 9.676 ug/l
RT: 9.465 min Scan# 1218
Delta R.T. -0.031 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

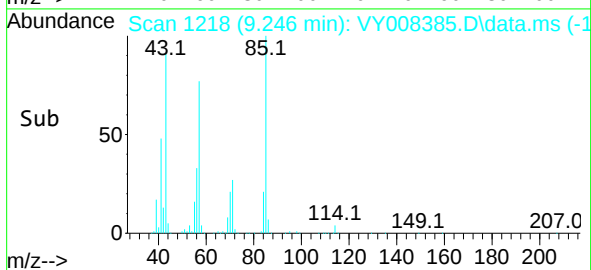
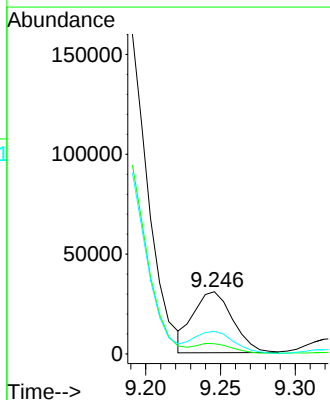
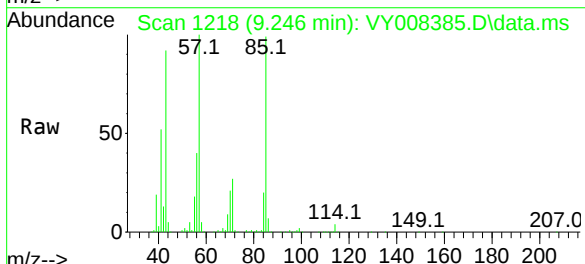
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

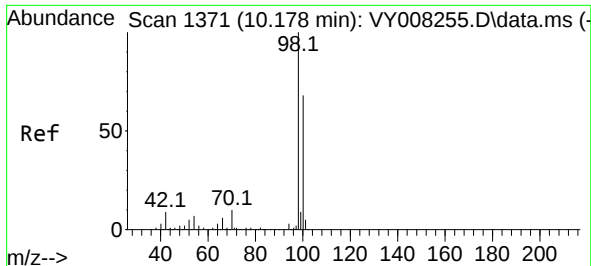
Tgt Ion: 83 Resp: 17587
Ion Ratio Lower Upper
83 100
85 21.5 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 82.676 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.042 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 41 Resp: 56455
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 37.7 47.4 71.0#

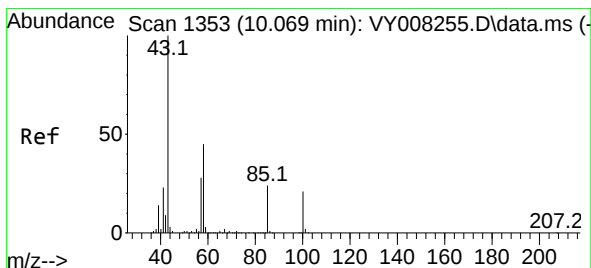
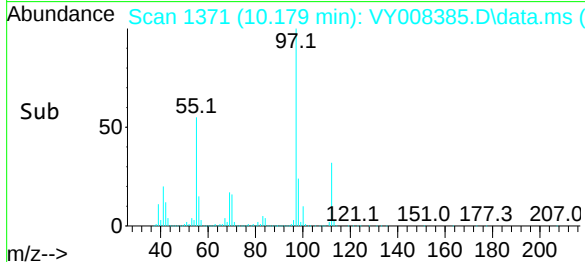
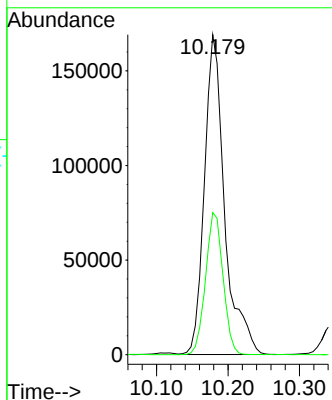
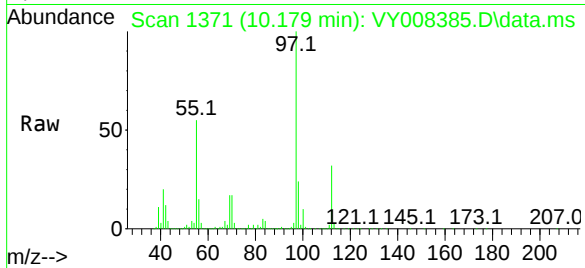




#50
Toluene-d8
Concen: 92.235 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

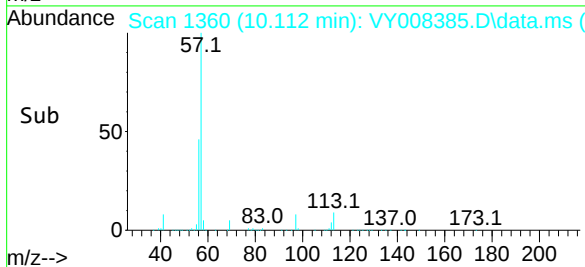
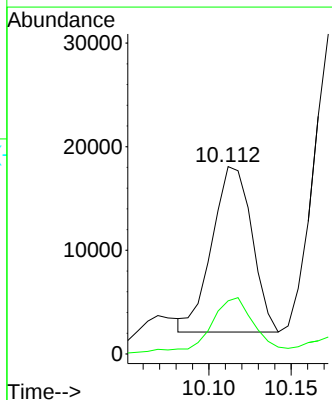
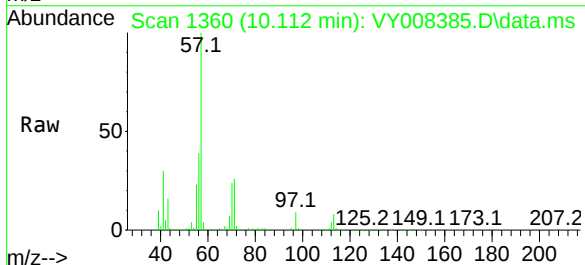
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

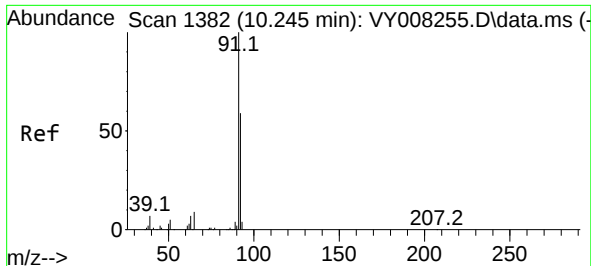
Tgt Ion: 98 Resp: 331756
Ion Ratio Lower Upper
98 100
100 38.4 50.2 75.2#



#51
4-Methyl-2-Pentanone
Concen: 32.503 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.043 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 43 Resp: 26959
Ion Ratio Lower Upper
43 100
58 39.1 28.1 42.1

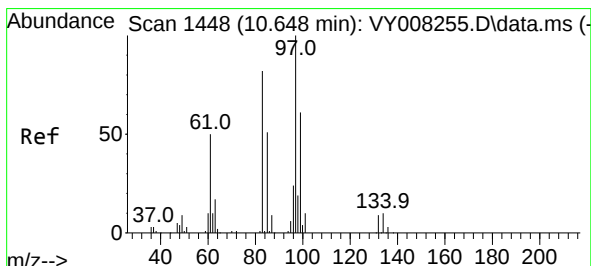
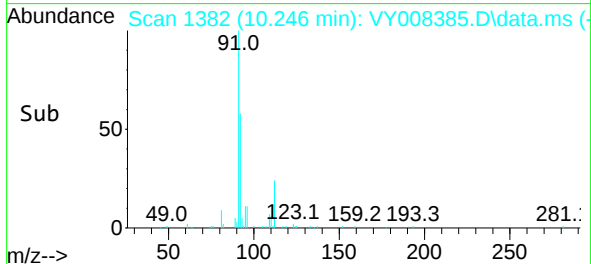
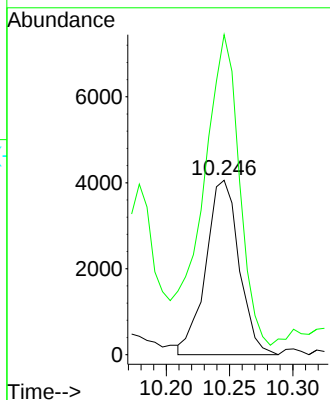
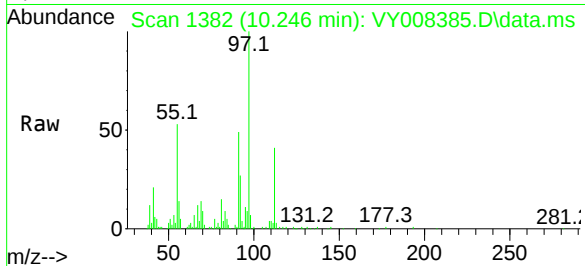




#52
Toluene
Concen: 2.248 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

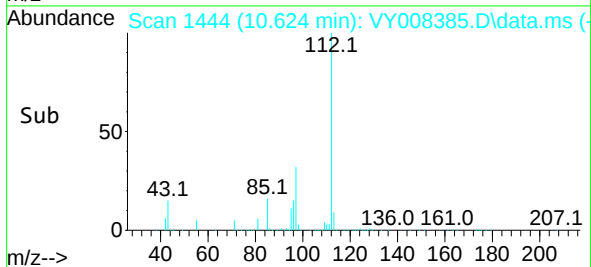
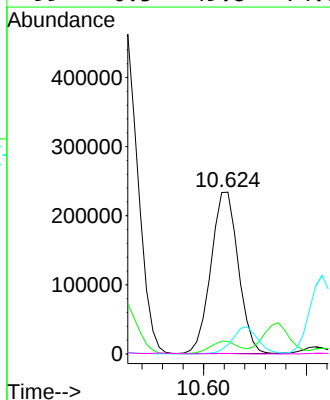
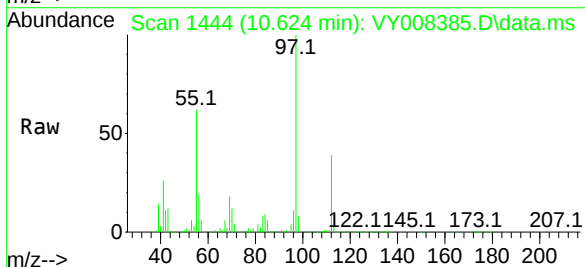
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

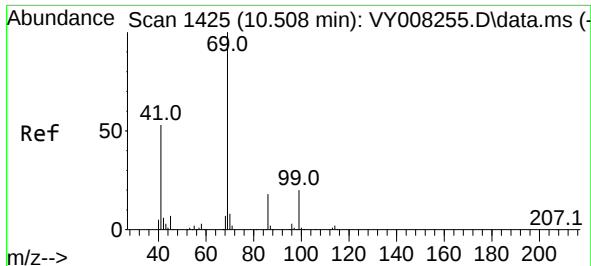
Tgt Ion: 92 Resp: 7403
Ion Ratio Lower Upper
92 100
91 193.4 142.6 213.8



#55
1,1,2-Trichloroethane
Concen: 372.906 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 97 Resp: 429896
Ion Ratio Lower Upper
97 100
83 7.6 69.8 104.8#
85 5.7 44.3 66.5#
99 0.3 49.8 74.6#

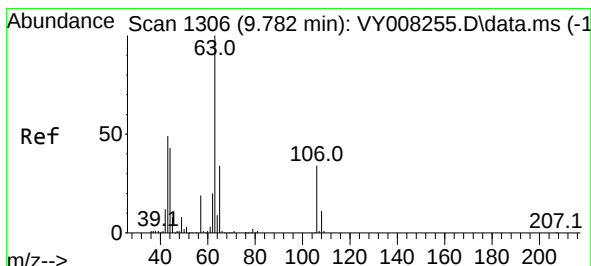
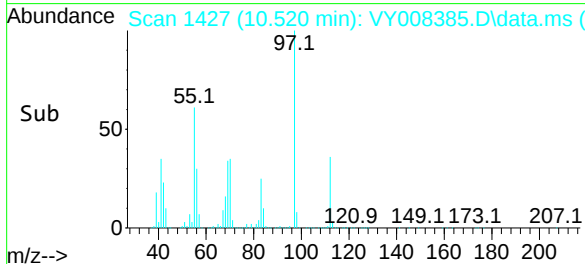
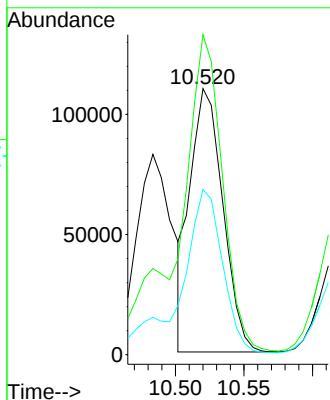
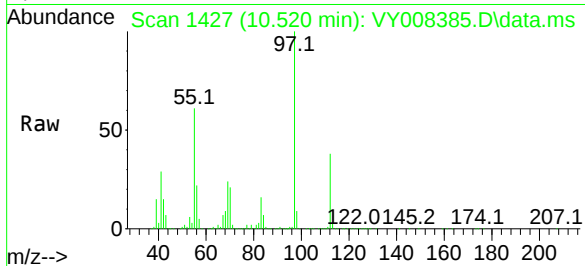




#56
Ethyl methacrylate
Concen: 129.138 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

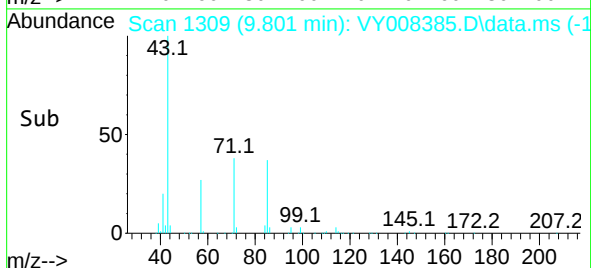
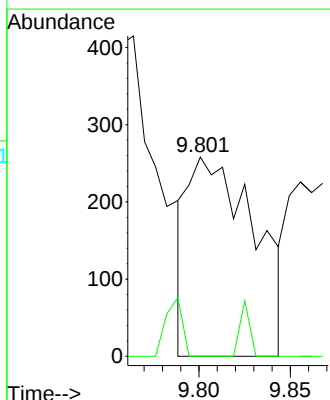
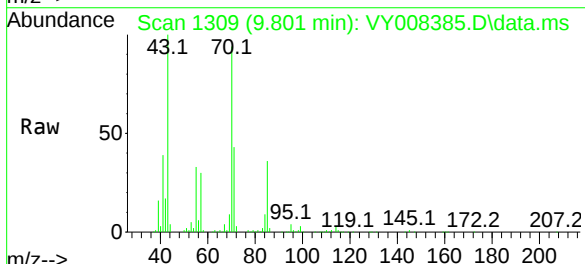
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

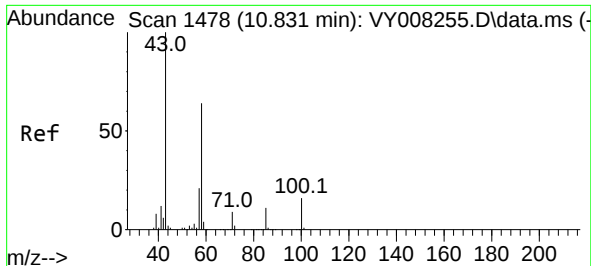
Tgt Ion: 69 Resp: 182523
Ion Ratio Lower Upper
69 100
41 125.7 63.4 95.0#
39 82.4 35.8 53.8#



#58
2-Chloroethyl Vinyl ether
Concen: 1.185 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.019 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 63 Resp: 660
Ion Ratio Lower Upper
63 100
106 7.3 21.5 32.3#

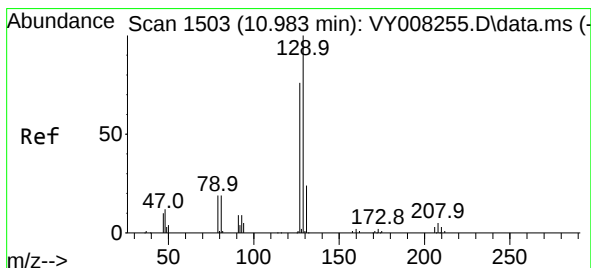
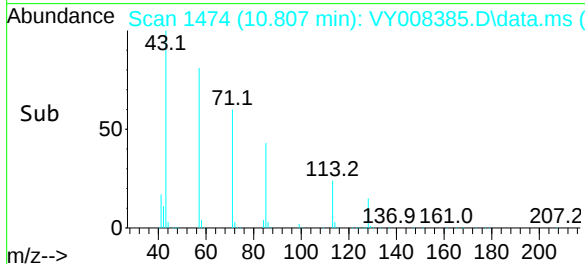
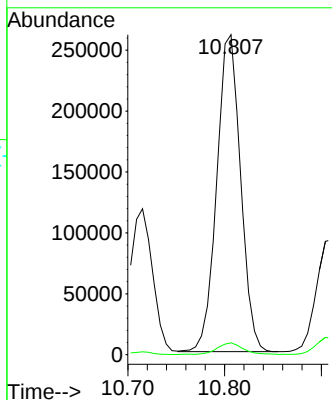
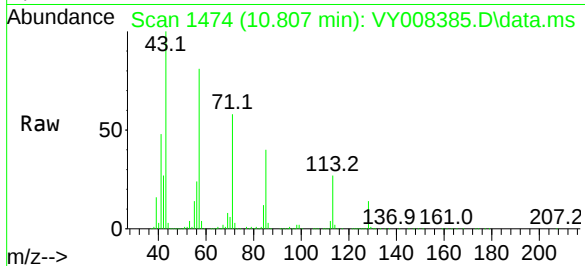




#59
2-Hexanone
Concen: 780.564 ug/l
RT: 10.807 min Scan# 1478
Delta R.T. -0.024 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

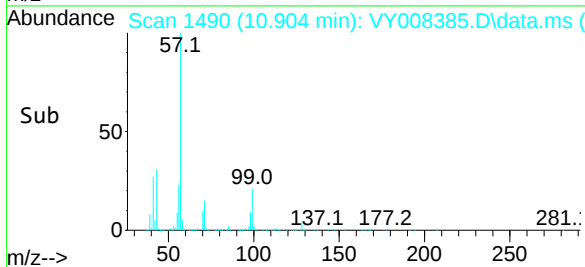
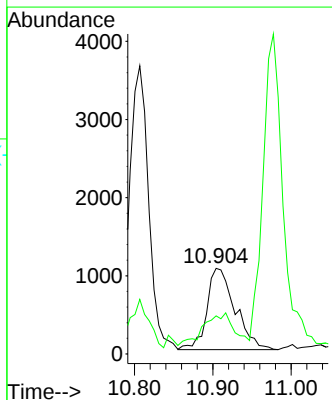
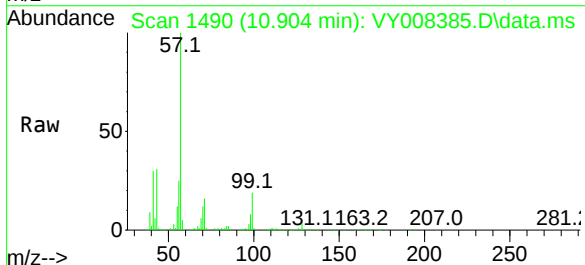
Instrument : MSVOA_Y
ClientSampleId : WC-15-1-4-GR

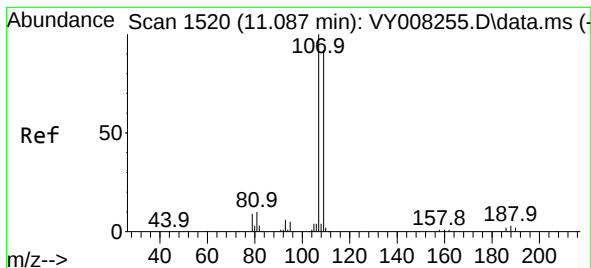
Tgt Ion: 43 Resp: 445490
Ion Ratio Lower Upper
43 100
58 4.0 24.4 73.4#



#60
Dibromochloromethane
Concen: 1.934 ug/l
RT: 10.904 min Scan# 1490
Delta R.T. -0.079 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 129 Resp: 2604
Ion Ratio Lower Upper
129 100
127 42.2 38.7 116.1





#61

1,2-Dibromoethane

Concen: 1.073 ug/l

RT: 11.093 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

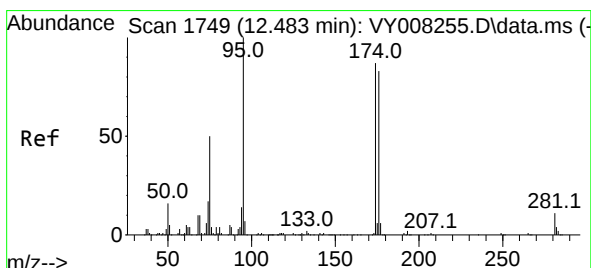
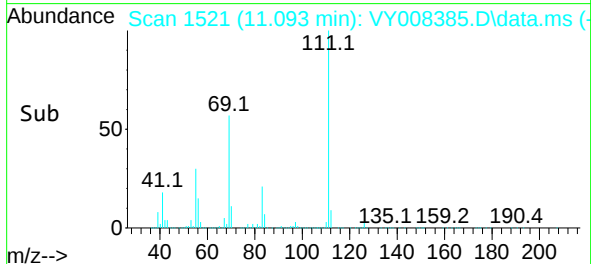
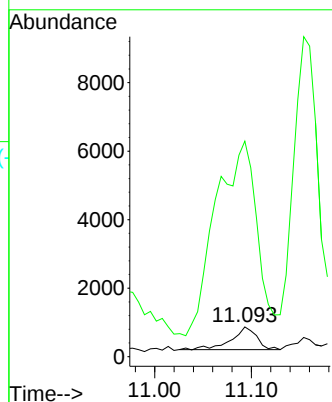
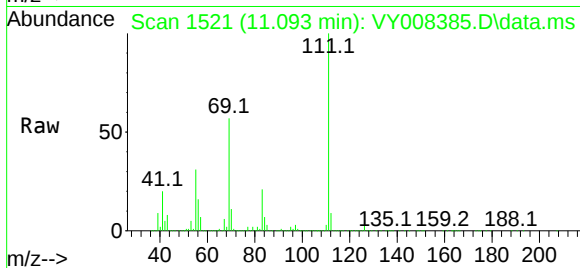
WC-15-1-4-GR

Tgt Ion:107 Resp: 1209

Ion Ratio Lower Upper

107 100

109 1385.8 75.4 113.2#



#62

4-Bromofluorobenzene

Concen: 157.561 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

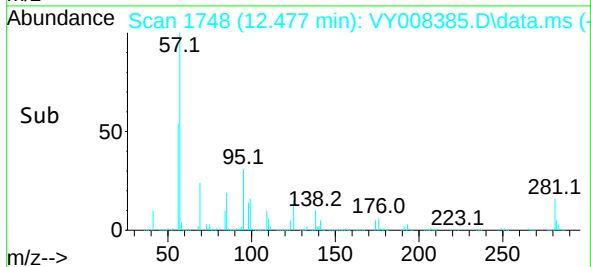
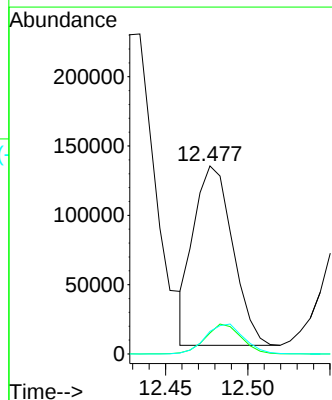
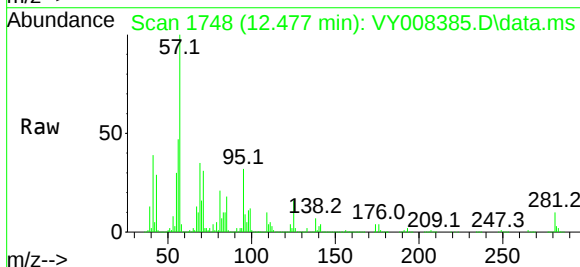
Tgt Ion: 95 Resp: 213158

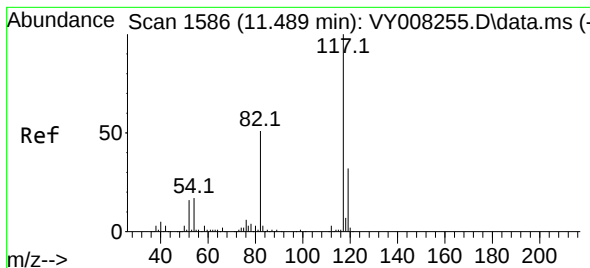
Ion Ratio Lower Upper

95 100

174 15.4 0.0 177.0

176 16.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

WC-15-1-4-GR

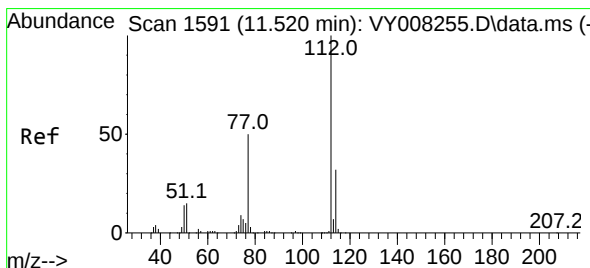
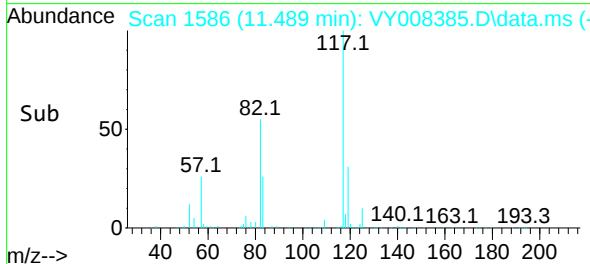
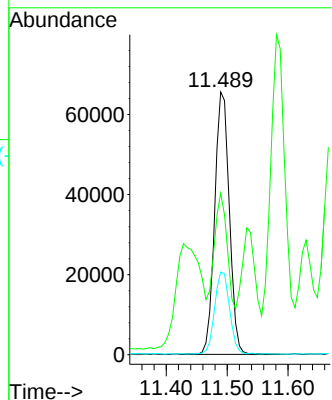
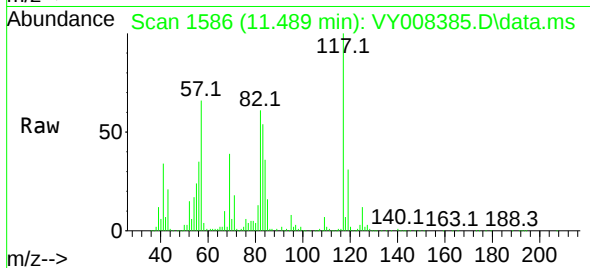
Tgt Ion:117 Resp: 109120

Ion Ratio Lower Upper

117 100

82 24.0 43.0 64.4#

119 31.3 25.4 38.0



#65

Chlorobenzene

Concen: 1.155 ug/l

RT: 11.532 min Scan# 1593

Delta R.T. 0.012 min

Lab File: VY008385.D

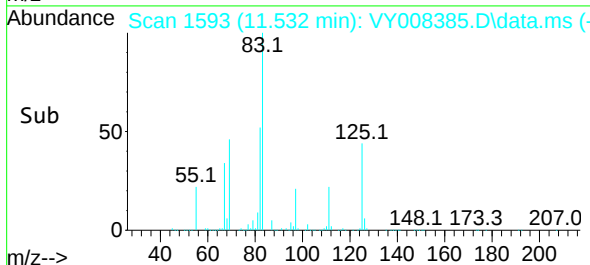
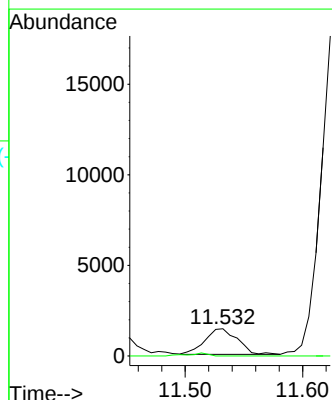
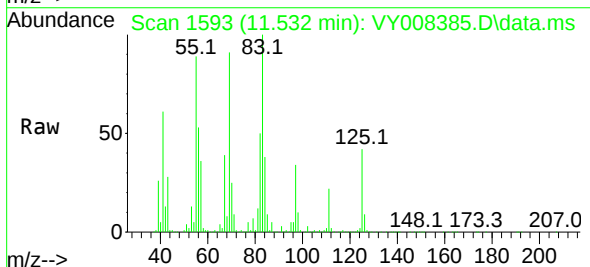
Acq: 18 Apr 2022 19:50

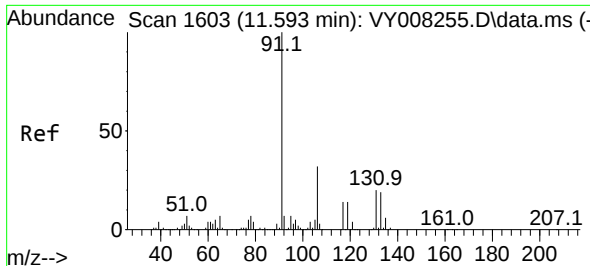
Tgt Ion:112 Resp: 2733

Ion Ratio Lower Upper

112 100

114 0.0 25.8 38.6#





#67

Ethyl Benzene

Concen: 13.833 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

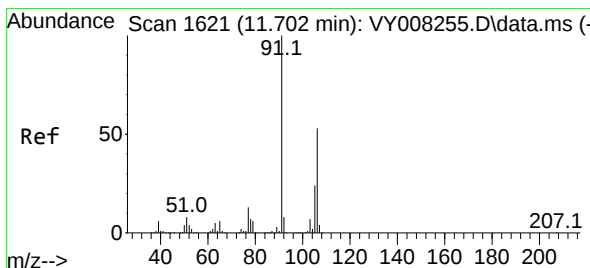
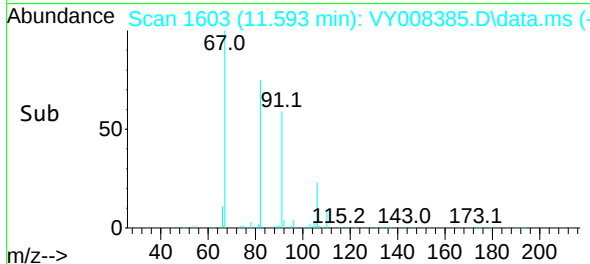
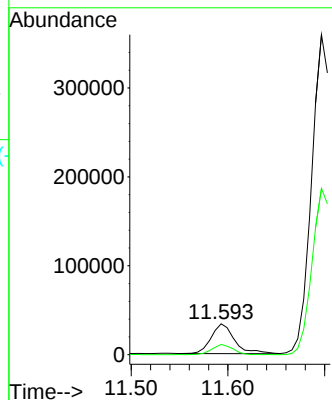
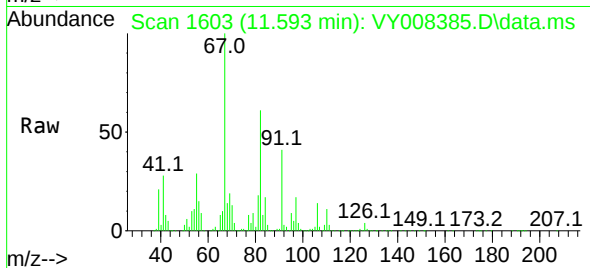
WC-15-1-4-GR

Tgt Ion: 91 Resp: 55668

Ion Ratio Lower Upper

91 100

106 34.4 24.5 36.7



#68

m/p-Xylenes

Concen: 182.517 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.005 min

Lab File: VY008385.D

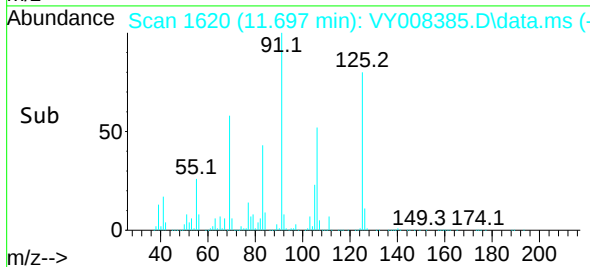
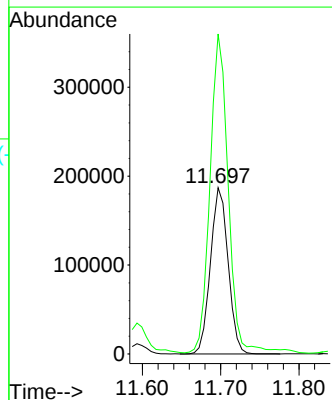
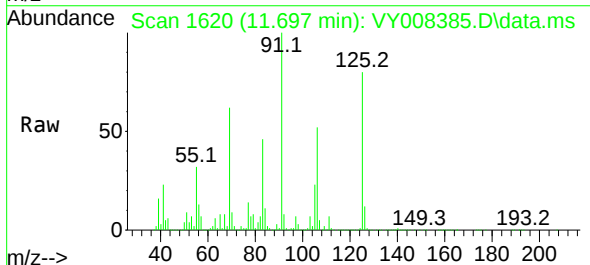
Acq: 18 Apr 2022 19:50

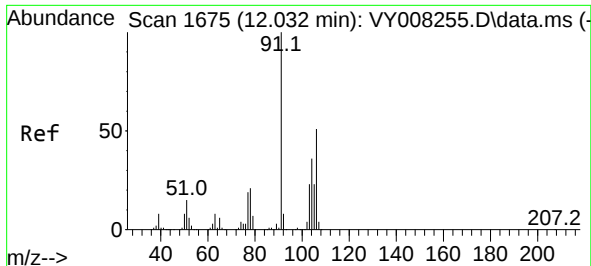
Tgt Ion:106 Resp: 292115

Ion Ratio Lower Upper

106 100

91 199.4 166.6 249.8

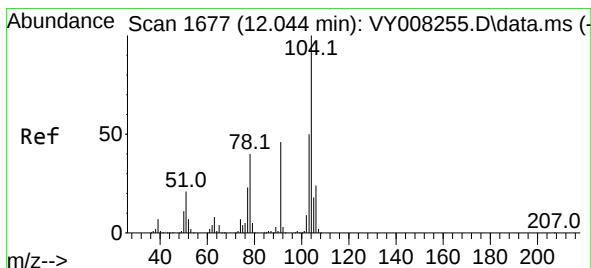
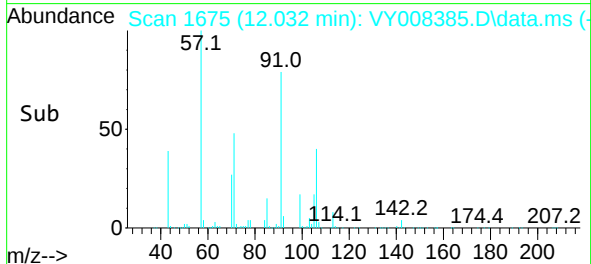
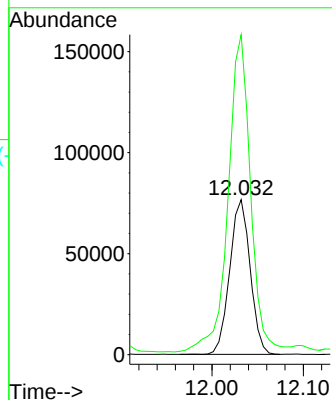
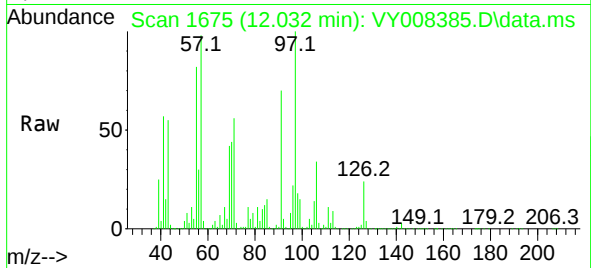




#69
o-Xylene
Concen: 76.791 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

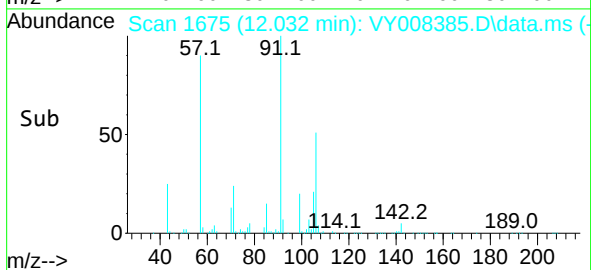
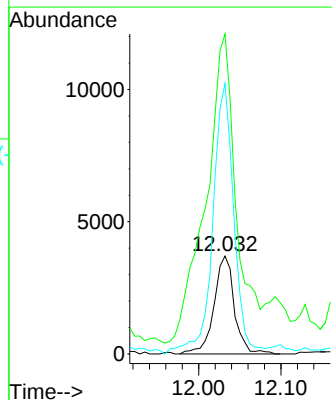
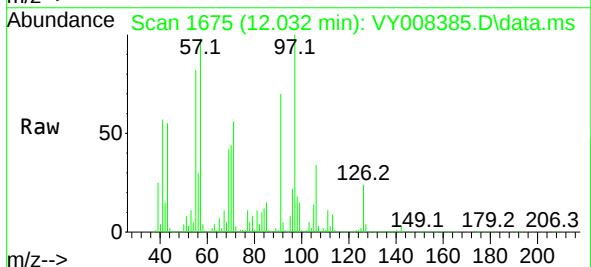
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

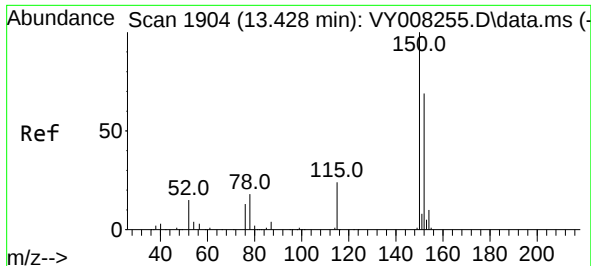
Tgt Ion:106 Resp: 119267
Ion Ratio Lower Upper
106 100
91 223.8 110.3 331.0



#70
Styrene
Concen: 2.497 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.012 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion:104 Resp: 6395
Ion Ratio Lower Upper
104 100
78 466.3 42.4 63.6#
103 284.9 44.4 66.6#

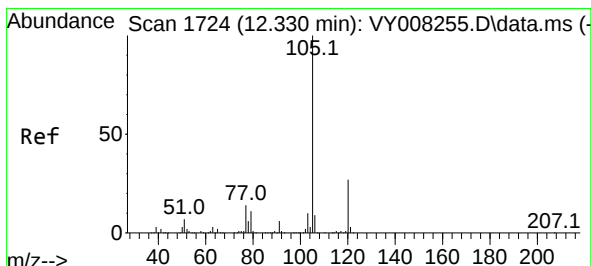
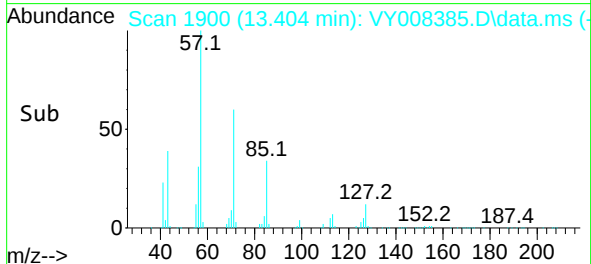
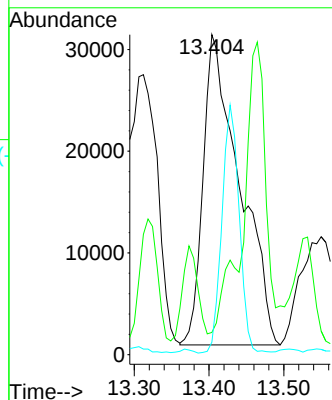
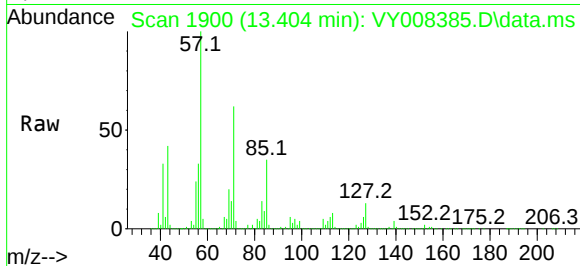




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.404 min Scan# 1900
Delta R.T. -0.024 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

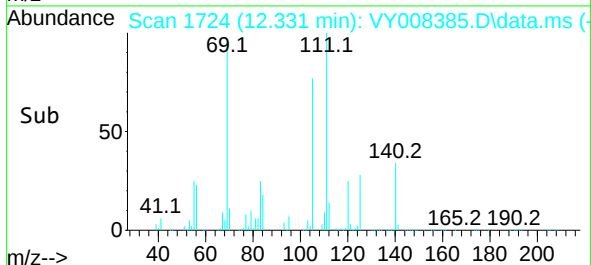
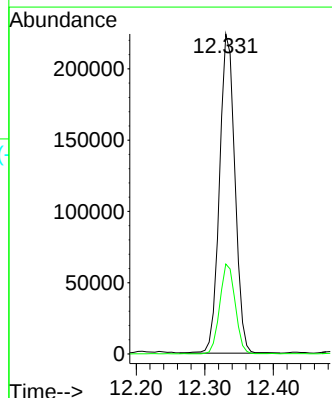
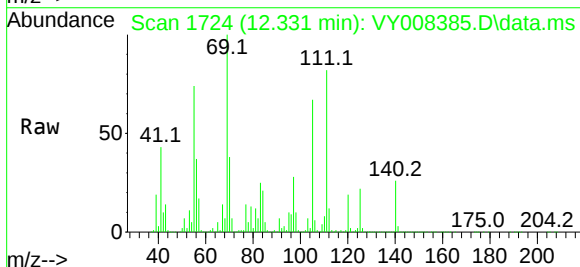
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

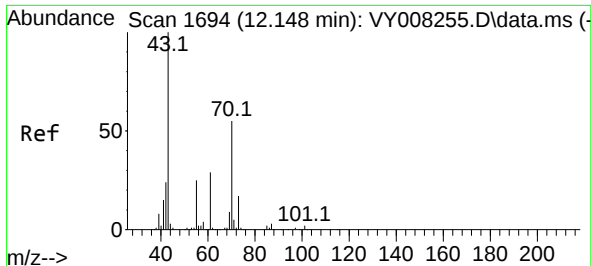
Tgt Ion:152 Resp: 103395
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6



#73
Isopropylbenzene
Concen: 45.232 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.001 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion:105 Resp: 347712
Ion Ratio Lower Upper
105 100
120 28.1 13.4 40.2

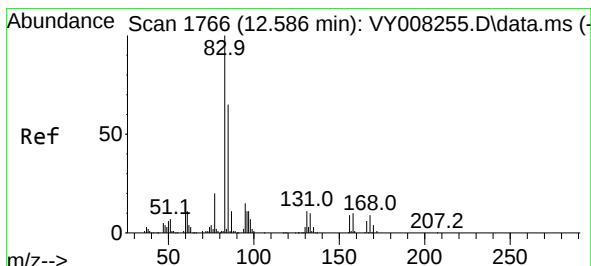
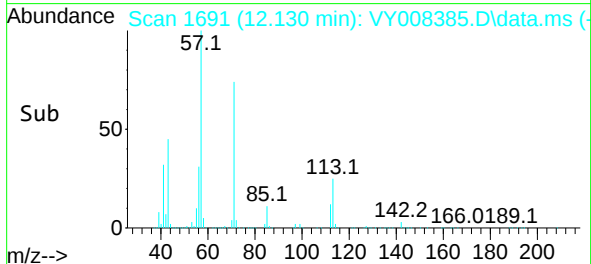
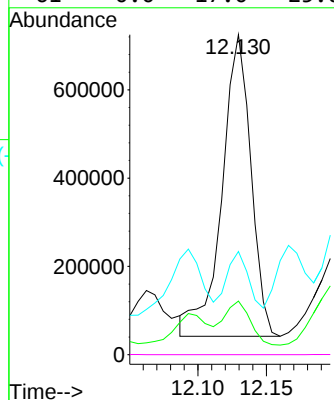
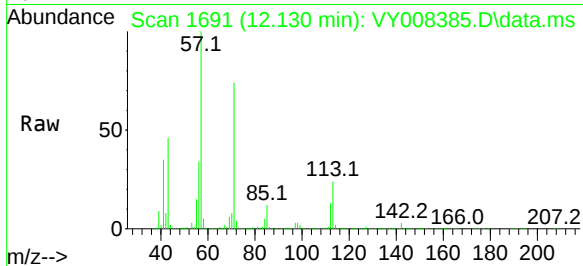




#74
N-amy1 acetate
Concen: 602.748 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.018 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

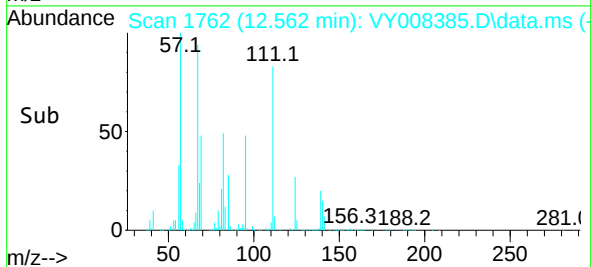
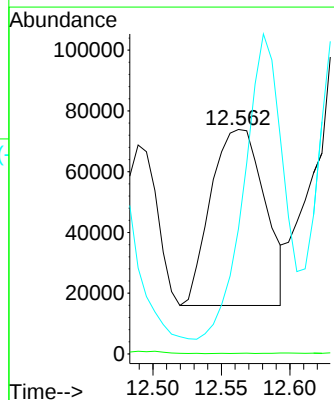
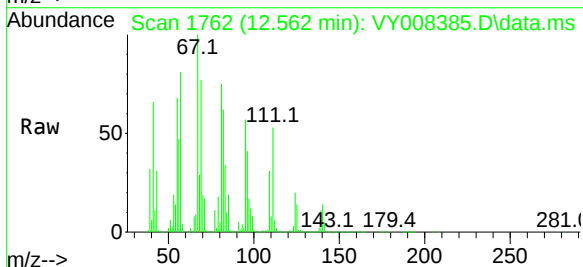
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

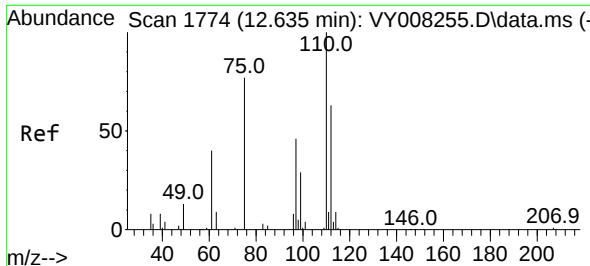
Tgt Ion: 43 Resp: 1005954
Ion Ratio Lower Upper
43 100
70 12.9 28.7 43.1#
55 25.1 17.3 25.9
61 0.0 17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 97.792 ug/l
RT: 12.562 min Scan# 1762
Delta R.T. -0.024 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 83 Resp: 159069
Ion Ratio Lower Upper
83 100
131 0.1 5.6 16.8#
85 0.0 32.3 96.8#

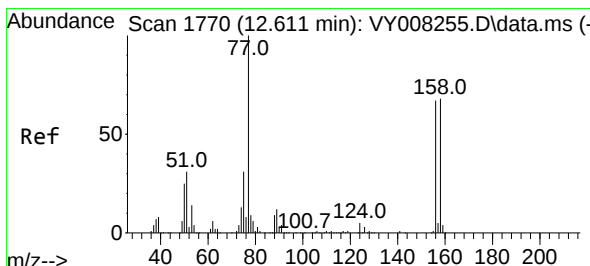
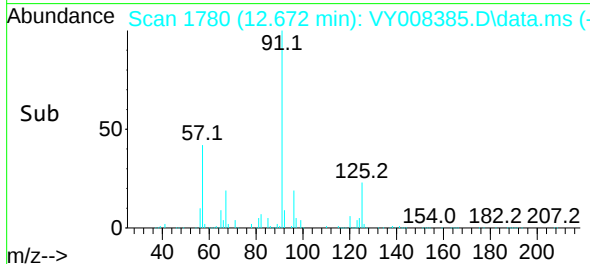
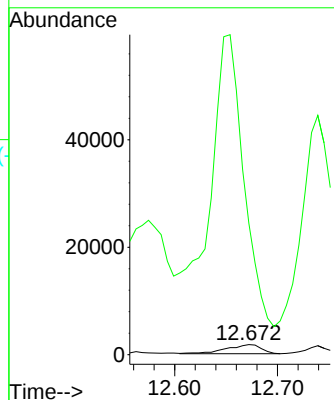
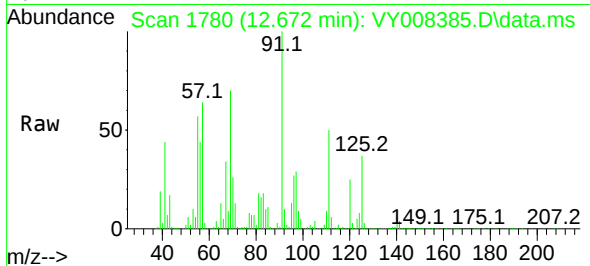




#76
1,2,3-Trichloropropane
Concen: 3.532 ug/l
RT: 12.672 min Scan# 1765
Delta R.T. 0.037 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

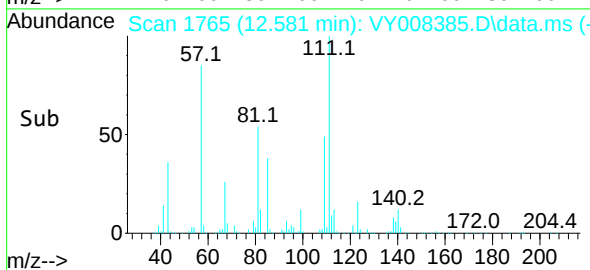
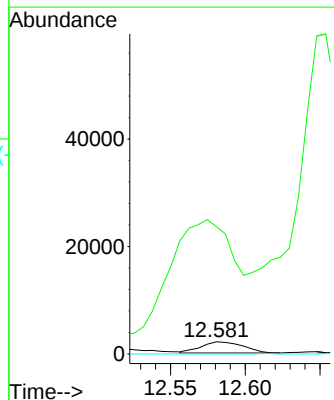
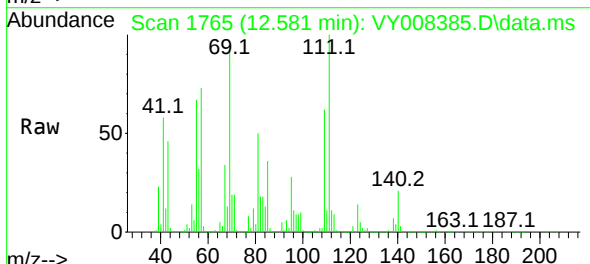
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

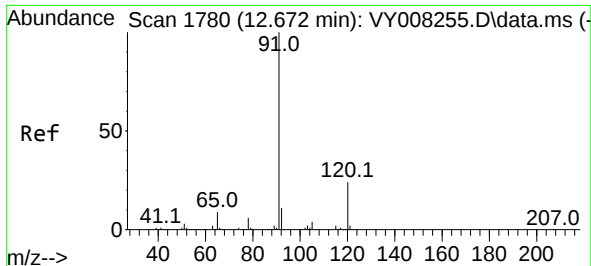
Tgt Ion: 75 Resp: 4039
Ion Ratio Lower Upper
75 100
77 2930.8 0.0 0.0#



#77
Bromobenzene
Concen: 2.149 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.030 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion:156 Resp: 4048
Ion Ratio Lower Upper
156 100
77 1551.2 95.5 286.4#
158 0.0 48.0 144.0#

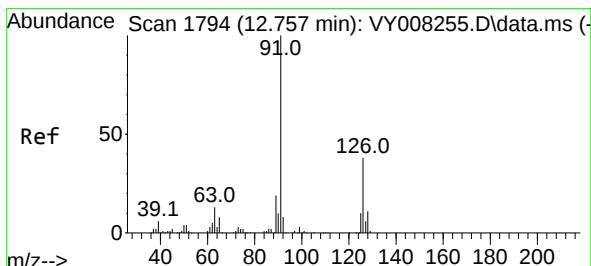
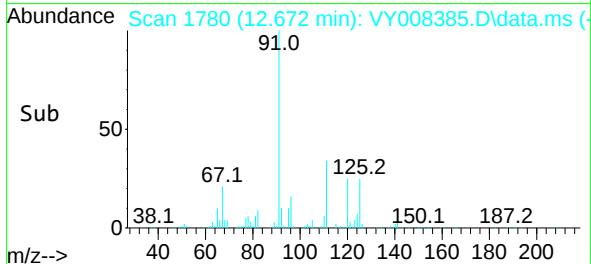
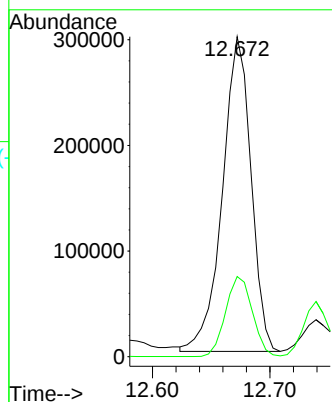
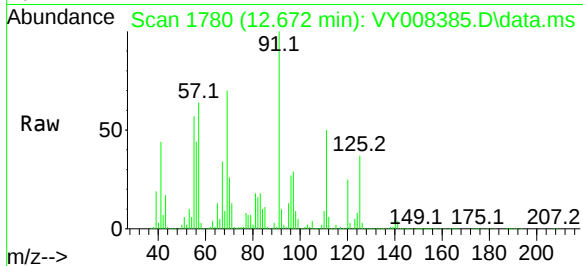




#78
n-propylbenzene
Concen: 55.559 ug/l
RT: 12.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

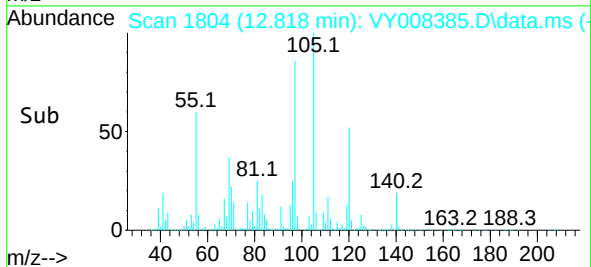
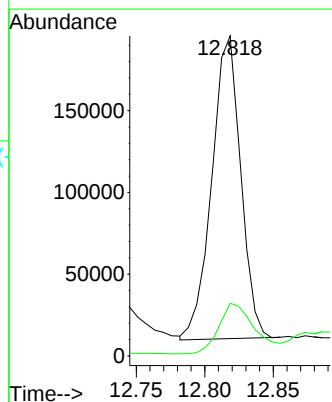
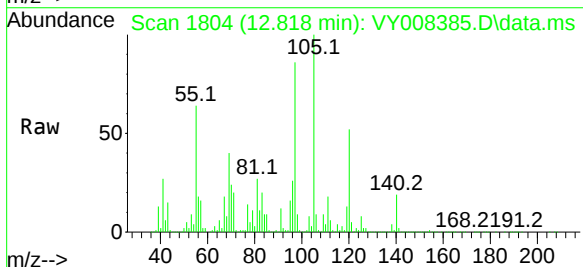
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

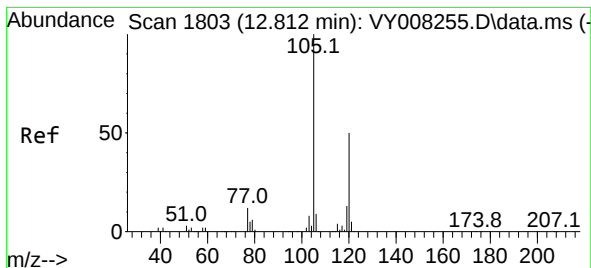
Tgt Ion: 91 Resp: 503973
Ion Ratio Lower Upper
91 100
120 23.8 11.3 33.9



#79
2-Chlorotoluene
Concen: 53.315 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.061 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 91 Resp: 271414
Ion Ratio Lower Upper
91 100
126 21.1 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 367.232 ug/l

RT: 12.818 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

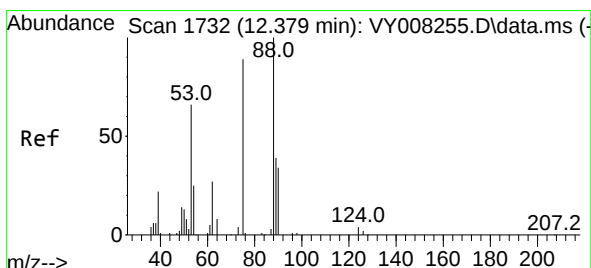
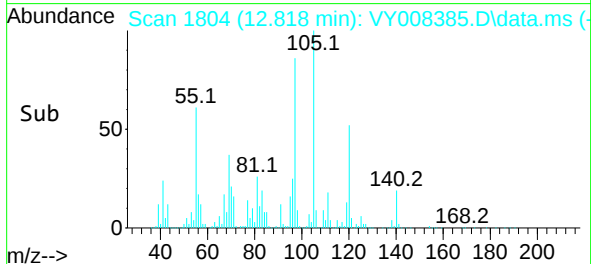
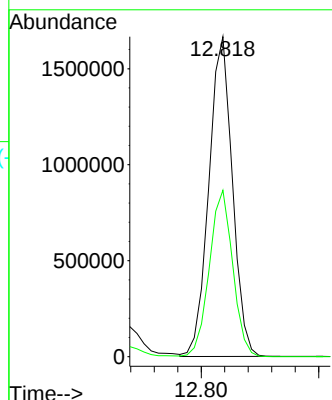
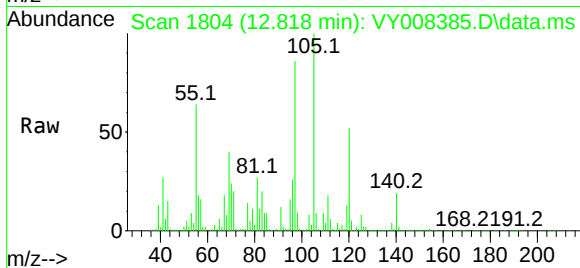
WC-15-1-4-GR

Tgt Ion:105 Resp: 2314831

Ion Ratio Lower Upper

105 100

120 51.7 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 6.545 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.048 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

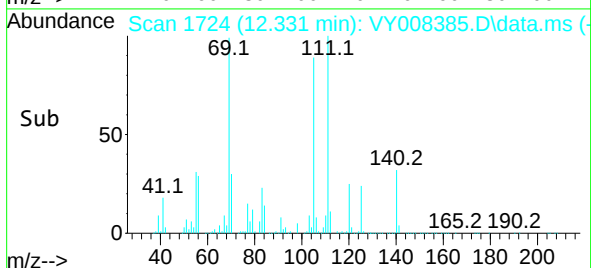
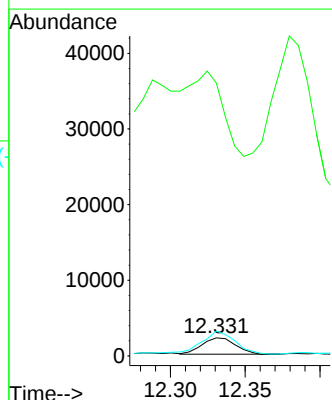
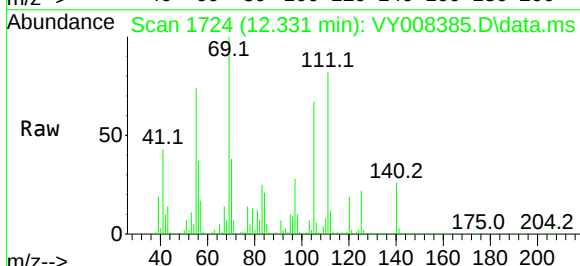
Tgt Ion: 75 Resp: 3345

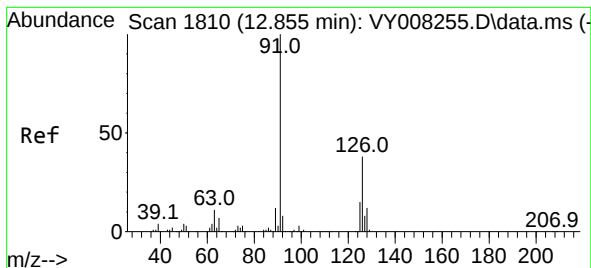
Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 144.1 37.0 55.4#





#82

4-Chlorotoluene

Concen: 51.475 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. -0.037 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

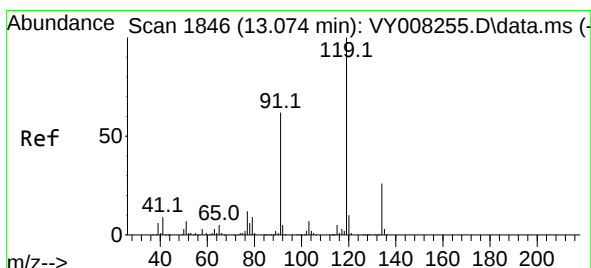
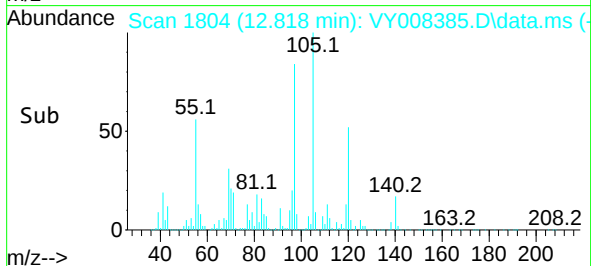
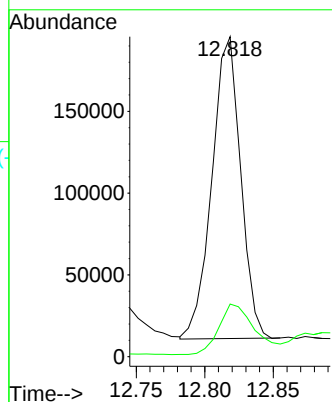
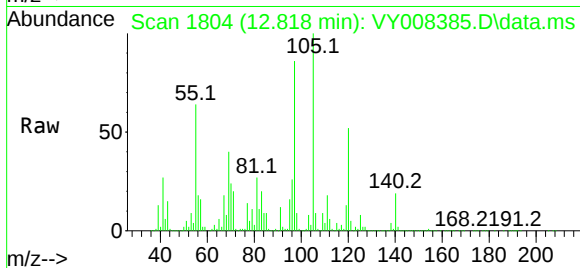
WC-15-1-4-GR

Tgt Ion: 91 Resp: 269289

Ion Ratio Lower Upper

91 100

126 21.3 17.0 51.0



#83

tert-Butylbenzene

Concen: 28.219 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.007 min

Lab File: VY008385.D

Acq: 18 Apr 2022 19:50

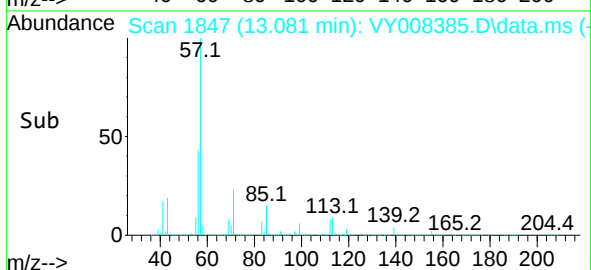
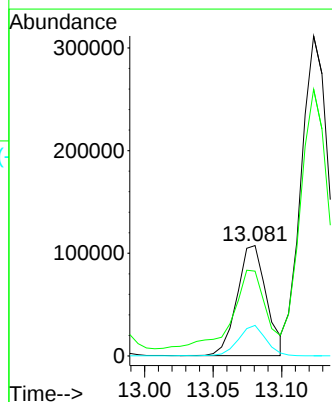
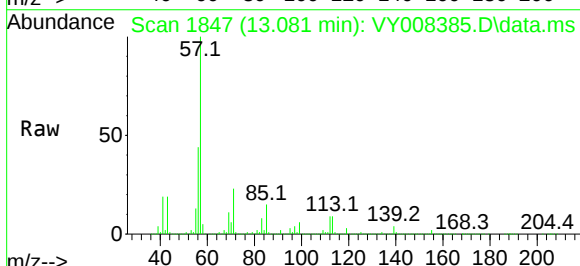
Tgt Ion: 119 Resp: 159575

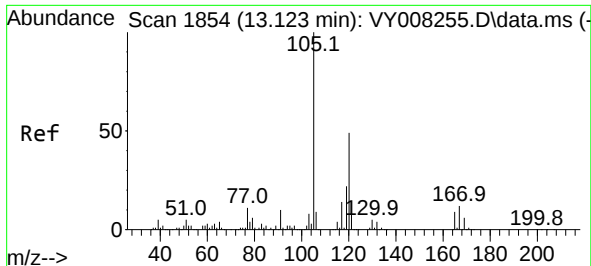
Ion Ratio Lower Upper

119 100

91 79.8 34.8 104.4

134 26.2 13.3 39.9

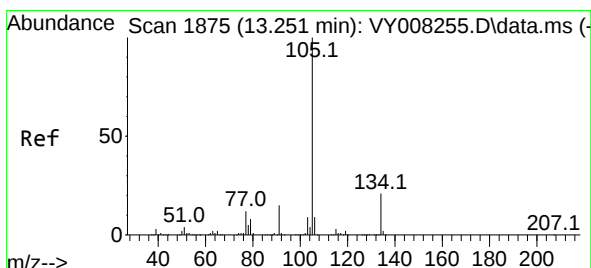
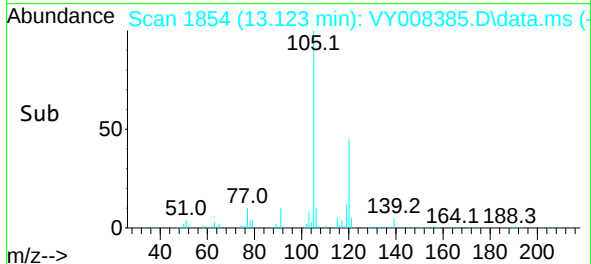
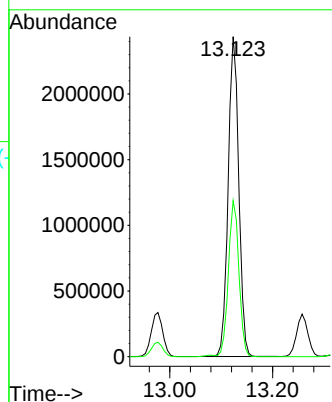
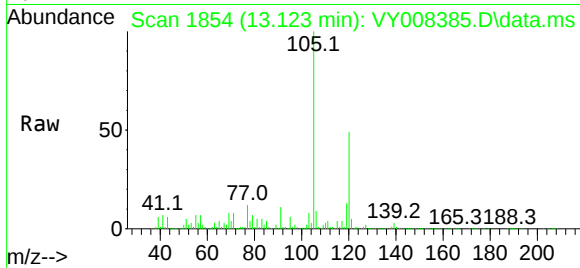




#84
1,2,4-Trimethylbenzene
Concen: 556.919 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

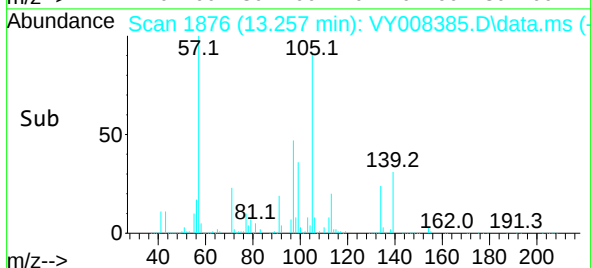
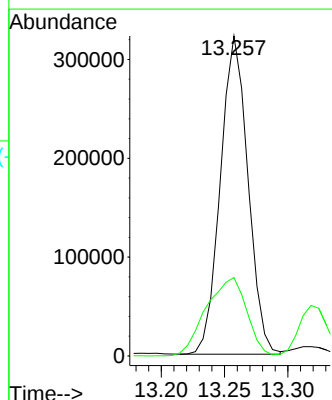
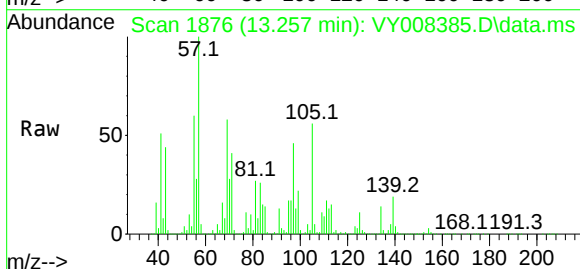
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

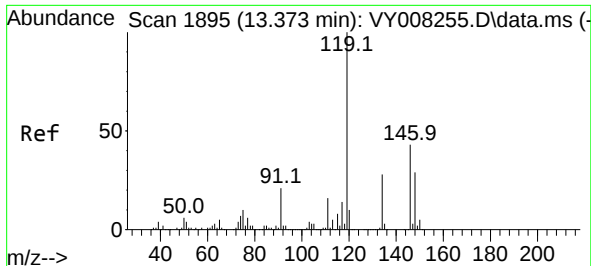
Tgt Ion:105 Resp: 3474123
Ion Ratio Lower Upper
105 100
120 48.9 22.3 66.9



#85
sec-Butylbenzene
Concen: 58.244 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion:105 Resp: 488297
Ion Ratio Lower Upper
105 100
134 36.1 10.2 30.4#

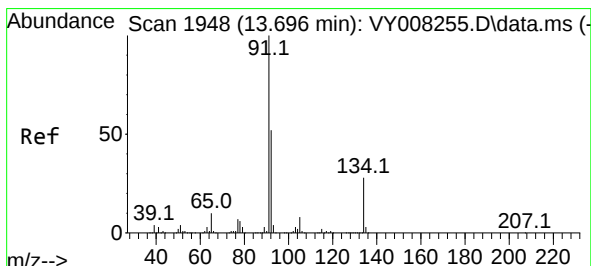
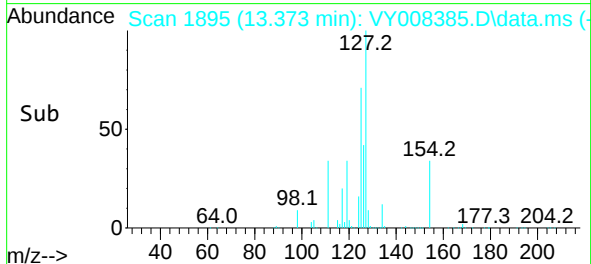
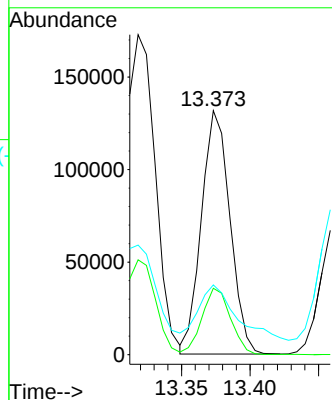
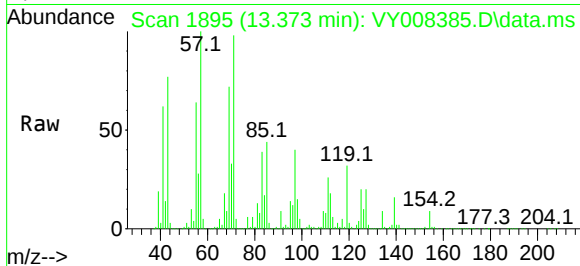




#86
p-Isopropyltoluene
Concen: 27.237 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

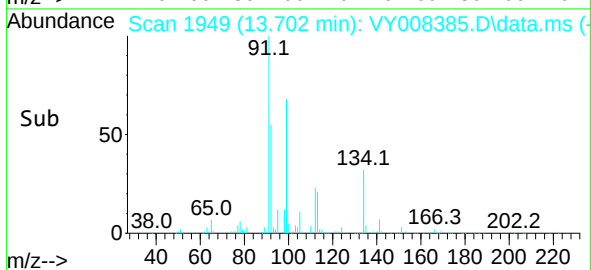
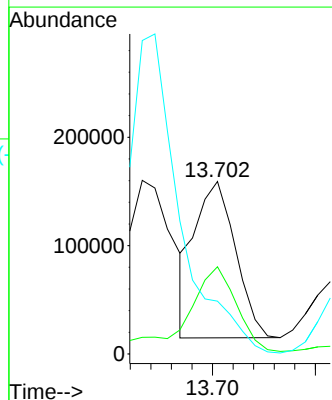
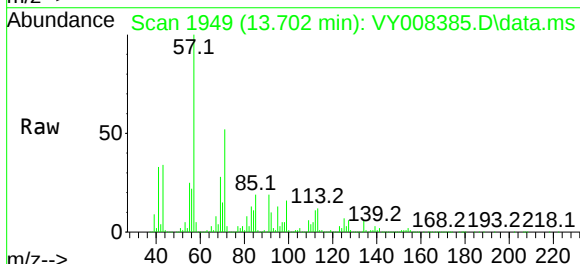
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

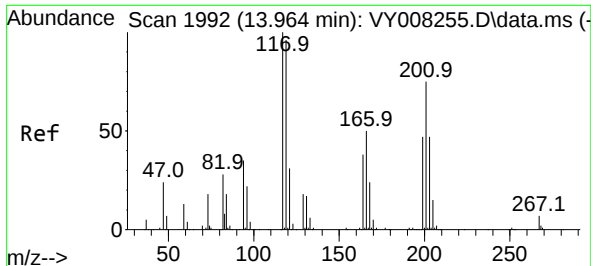
Tgt Ion:119 Resp: 190551
Ion Ratio Lower Upper
119 100
134 27.5 13.2 39.5
91 29.7 12.4 37.2



#89
n-Butylbenzene
Concen: 31.308 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 91 Resp: 197895
Ion Ratio Lower Upper
91 100
92 67.9 26.3 78.9
134 0.0 13.0 38.9#

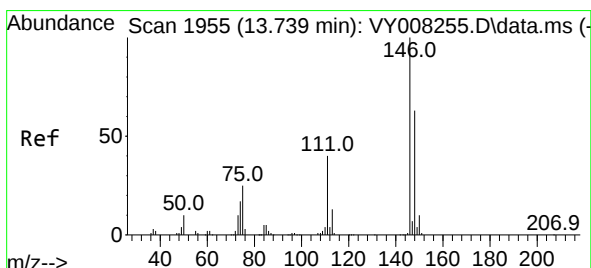
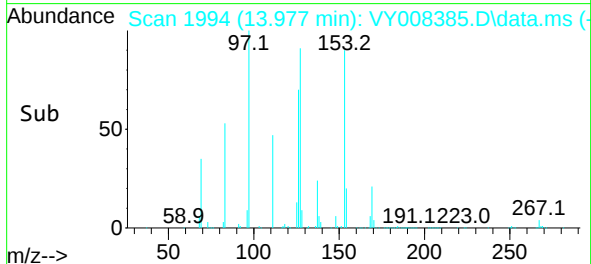
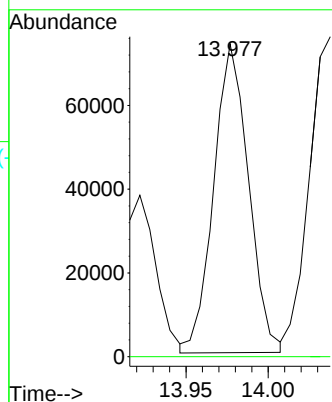
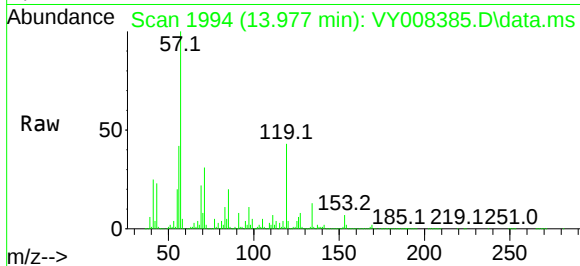




#90
Hexachloroethane
Concen: 82.951 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.013 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

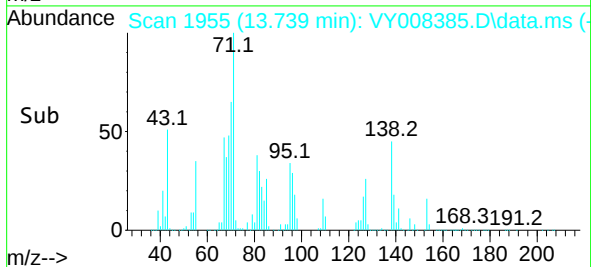
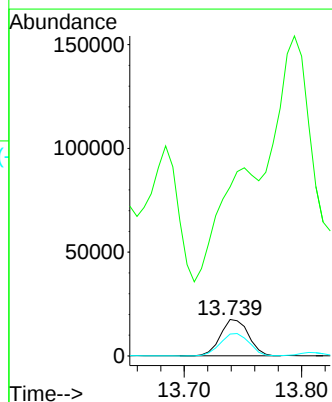
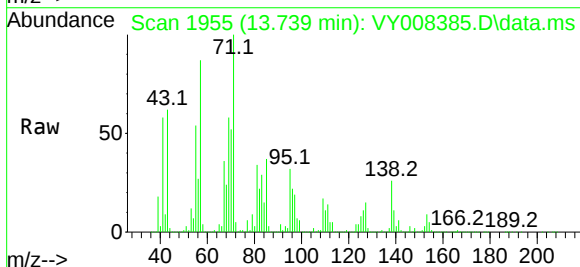
Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

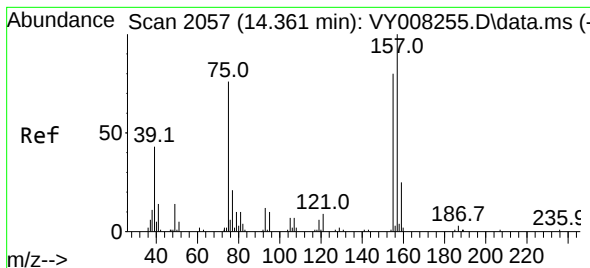
Tgt Ion:117 Resp: 108465
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#91
1,2-Dichlorobenzene
Concen: 8.771 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion:146 Resp: 29112
Ion Ratio Lower Upper
146 100
111 440.5 20.3 60.9#
148 64.1 32.3 96.9

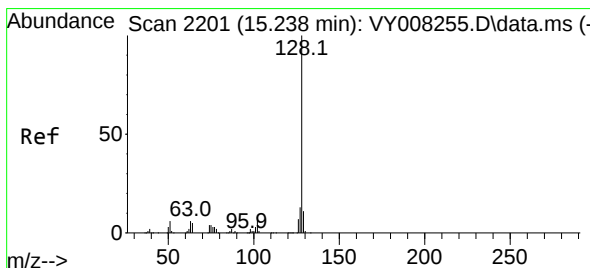
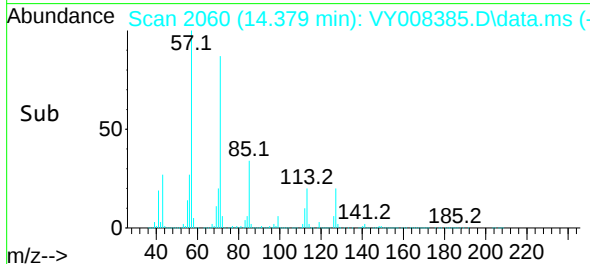
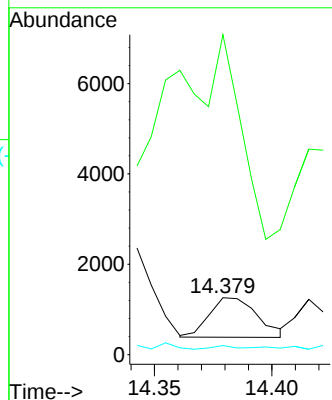
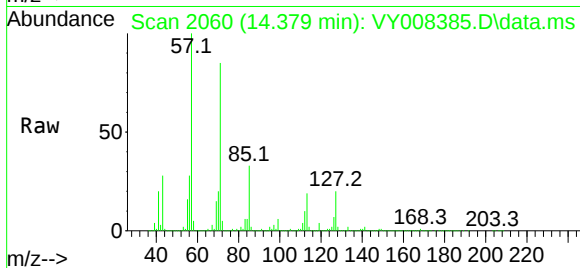




#92
1,2-Dibromo-3-Chloropropane
Concen: 5.332 ug/l
RT: 14.379 min Scan# 2057
Delta R.T. 0.018 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Instrument :
MSVOA_Y
ClientSampleId :
WC-15-1-4-GR

Tgt Ion: 75 Resp: 1241
Ion Ratio Lower Upper
75 100
155 717.4 38.0 113.9#
157 5.2 47.8 143.3#



#95
Naphthalene
Concen: 2.656 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.011 min
Lab File: VY008385.D
Acq: 18 Apr 2022 19:50

Tgt Ion: 128 Resp: 11171
Ion Ratio Lower Upper
128 100
127 607.4 11.0 16.4#
129 20.8 8.4 12.6#

