

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009449.D
 Acq On : 06 Jul 2022 13:21
 Operator : KP/MD
 Sample : N3564-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14B-11-1-GR

Quant Time: Jul 07 01:49:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271985	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.490	117	162095	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.404	152	115419	50.000	ug/l	#-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75018	67.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.720%	
35) Dibromofluoromethane	7.710	113	62565	41.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.600%	
50) Toluene-d8	10.185	98	1104285	240.605	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 481.200%#	
62) 4-Bromofluorobenzene	12.471	95	688456	316.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 632.560%#	

Target Compounds			Qvalue			
3) Chloromethane	2.064	50	2674	2.147	ug/l #	81
6) Chloroethane	2.893	64	2925	3.808	ug/l #	1
11) Tert butyl alcohol	4.948	59	1635	Below Cal	#	77
13) Acrolein	3.680	56	46027	495.205	ug/l #	1
15) Acrylonitrile	5.235	53	1181061	2791.492	ug/l #	40
16) Acetone	3.930	43	804238	2198.955	ug/l #	63
17) Carbon Disulfide	4.180	76	80049	23.025	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	5447	1.453	ug/l #	1
20) Methylene Chloride	4.716	84	5864	Below Cal	#	1
23) Vinyl Acetate	6.088	43	193907	64.046	ug/l #	81
24) 1,1-Dichloroethane	6.094	63	72005	26.499	ug/l #	82
25) 2-Butanone	6.978	43	331747	572.143	ug/l #	62
29) Tetrahydrofuran	7.344	42	6277	16.885	ug/l #	38
30) Chloroform	7.466	83	545690	195.391	ug/l #	19
31) Cyclohexane	7.789	56	11959425	4774.555	ug/l	93
37) Ethyl Acetate	6.978	43	331747	213.728	ug/l #	75
38) Carbon Tetrachloride	7.783	117	14411	5.268	ug/l #	15
39) Methylcyclohexane	9.197	83	22896494	7391.320	ug/l #	86
40) Benzene	8.155	78	15776	2.061	ug/l	93
41) Methacrylonitrile	7.350	41	65526	74.724	ug/l #	45
42) 1,2-Dichloroethane	8.283	62	58031	26.430	ug/l #	1
43) Isopropyl Acetate	8.271	43	3869964	1357.973	ug/l #	57
45) 1,2-Dichloropropane	9.197	63	313744	161.818	ug/l #	1
46) Dibromomethane	9.270	93	15487	13.943	ug/l #	1
47) Bromodichloromethane	9.478	83	924368	351.416	ug/l #	32
48) Methyl methacrylate	9.246	41	2212671	1801.062	ug/l #	39
49) 1,4-Dioxane	9.246	88	84	5.425	ug/l #	1
51) 4-Methyl-2-Pentanone	9.971	43	8637773	5878.659	ug/l #	46
52) Toluene	10.240	92	12433	2.575	ug/l #	1
53) t-1,3-Dichloropropene	10.477	75	3212	1.221	ug/l #	1
55) 1,1,2-Trichloroethane	10.618	97	4908350	3321.429	ug/l #	19
56) Ethyl methacrylate	10.526	69	1971950	1045.415	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.758	63	22771	21.803	ug/l #	48
59) 2-Hexanone	10.813	43	9110558	8975.871	ug/l #	33
60) Dibromochloromethane	10.916	129	23890	12.774	ug/l	61
61) 1,2-Dibromoethane	11.075	107	8505	5.733	ug/l #	1

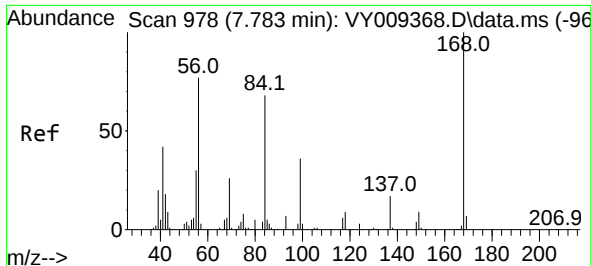
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009449.D
 Acq On : 06 Jul 2022 13:21
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Quant Time: Jul 07 01:49:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	11.532	112	19331	5.574	ug/l #	43
67) Ethyl Benzene	11.557	91	49025	8.148	ug/l #	45
68) m/p-Xylenes	11.703	106	102609	42.649	ug/l	84
69) o-Xylene	12.026	106	22459	9.892	ug/l #	1
73) Isopropylbenzene	12.331	105	527456	61.871	ug/l	97
74) N-amyl acetate	12.130	43	5071694	2267.995	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.556	83	358012	216.795	ug/l #	26
76) 1,2,3-Trichloropropane	12.648	75	10180	7.532	ug/l #	100
78) n-propylbenzene	12.672	91	194147	18.721	ug/l	79
79) 2-Chlorotoluene	12.733	91	77422	13.227	ug/l #	70
80) 1,3,5-Trimethylbenzene	12.812	105	60025	8.420	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.392	75	3624	5.970	ug/l #	1
82) 4-Chlorotoluene	12.873	91	30924	5.084	ug/l #	1
83) tert-Butylbenzene	13.075	119	78707	13.140	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.117	105	193694	28.591	ug/l	99
85) sec-Butylbenzene	13.251	105	343703	38.098	ug/l #	71
86) p-Isopropyltoluene	13.373	119	15569	2.052	ug/l #	1
87) 1,3-Dichlorobenzene	13.367	146	14798	3.686	ug/l #	1
88) 1,4-Dichlorobenzene	13.446	146	25454	6.161	ug/l #	1
89) n-Butylbenzene	13.696	91	185602	26.038	ug/l	89
90) Hexachloroethane	13.971	117	21215	14.105	ug/l #	6
91) 1,2-Dichlorobenzene	13.733	146	7181	1.972	ug/l #	54
92) 1,2-Dibromo-3-Chloropr...	14.337	75	7738	27.959	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.007	180	13302	6.154	ug/l #	1
95) Naphthalene	15.202	128	24553	5.673	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.440	180	11925	6.350	ug/l #	13

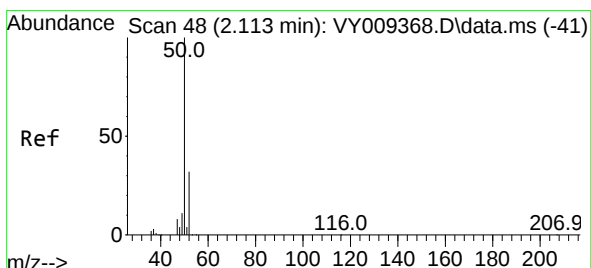
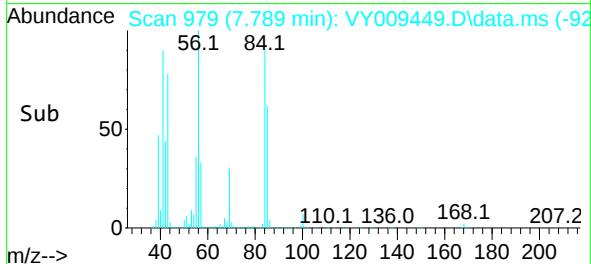
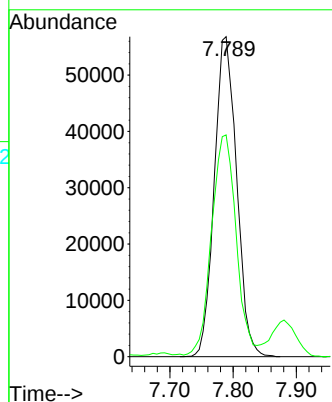
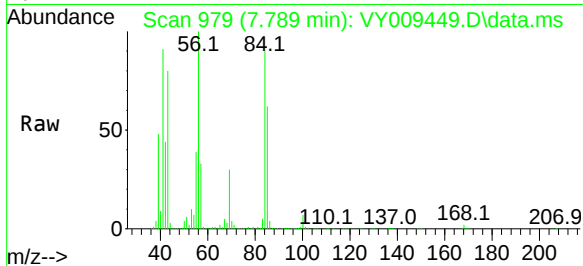
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

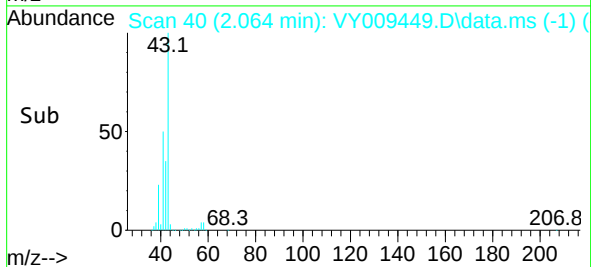
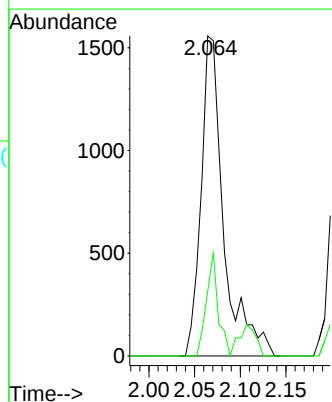
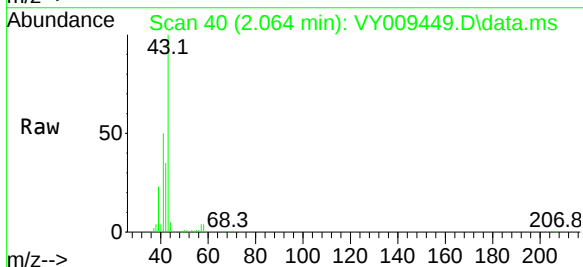
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

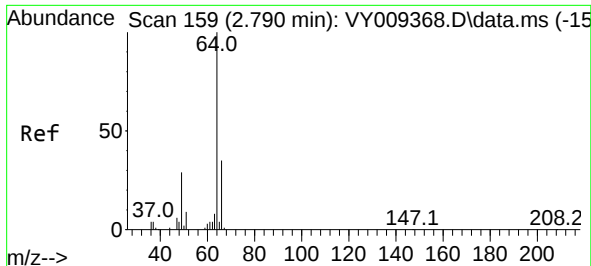
Tgt Ion:168 Resp: 139037
Ion Ratio Lower Upper
168 100
99 68.5 46.9 70.3



#3
Chloromethane
Concen: 2.147 ug/l
RT: 2.064 min Scan# 40
Delta R.T. -0.043 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 50 Resp: 2674
Ion Ratio Lower Upper
50 100
52 20.2 24.6 37.0#

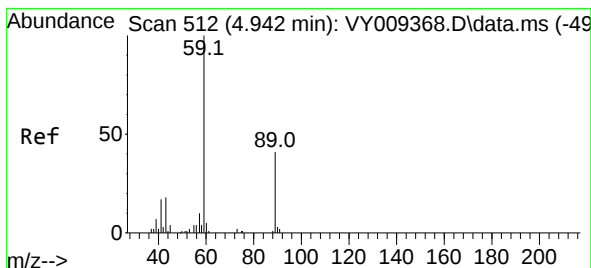
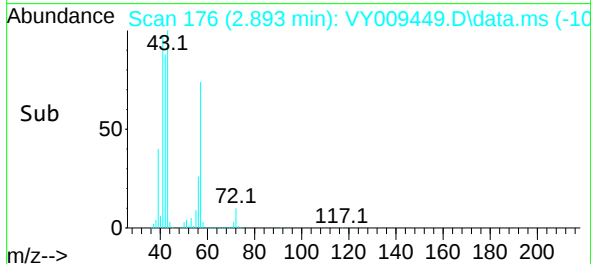
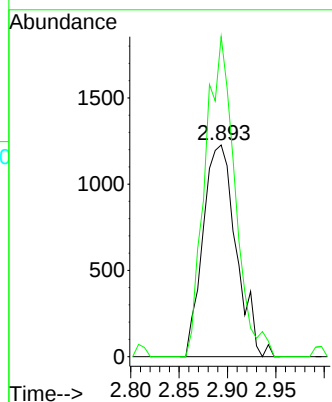
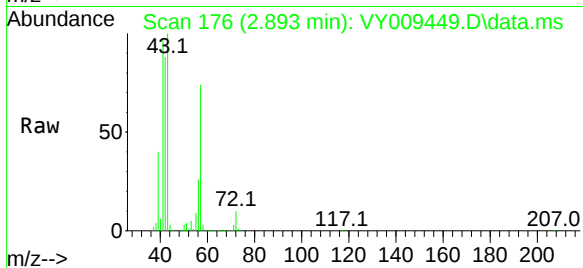




#6
Chloroethane
Concen: 3.808 ug/l
RT: 2.893 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

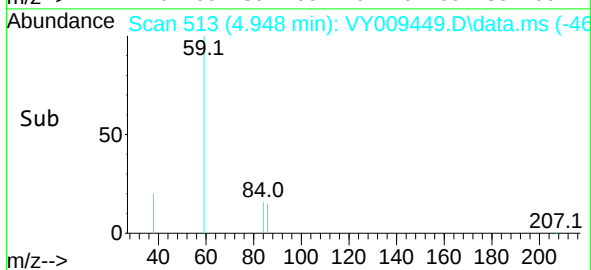
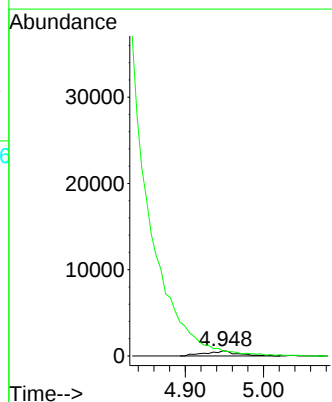
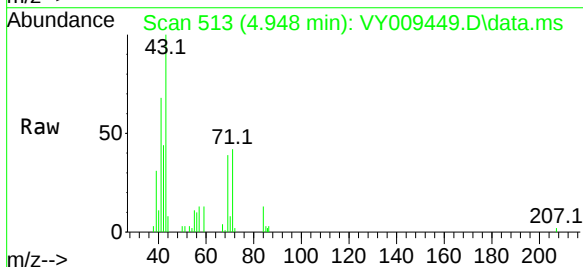
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ClientSampleId :
WC-14B-11-1-GR

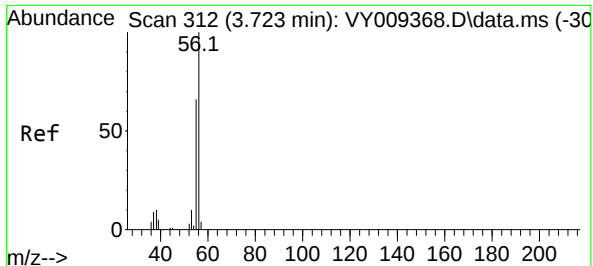
Tgt Ion: 64 Resp: 2925
Ion Ratio Lower Upper
64 100
66 151.2 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 59 Resp: 1635
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#13

Acrolein

Concen: 495.205 ug/l

RT: 3.680 min Scan# 305

Delta R.T. -0.043 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

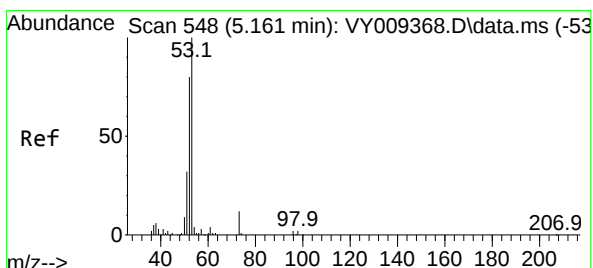
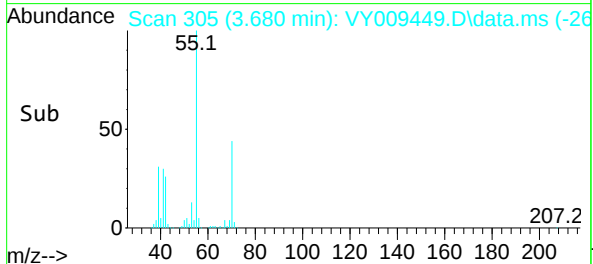
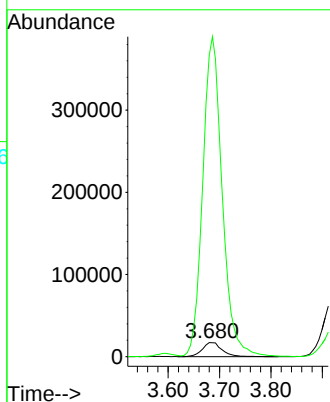
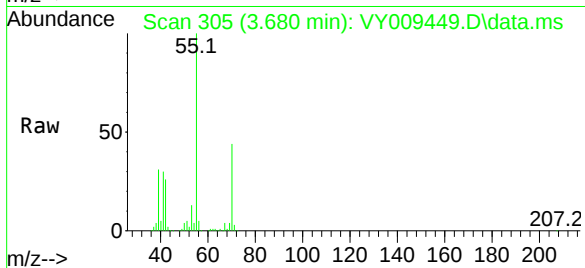
WC-14B-11-1-GR

Tgt Ion: 56 Resp: 46027

Ion Ratio Lower Upper

56 100

55 2220.7 57.6 86.4#



#15

Acrylonitrile

Concen: 2791.492 ug/l

RT: 5.235 min Scan# 560

Delta R.T. 0.080 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

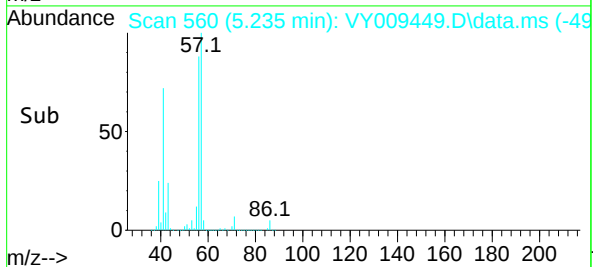
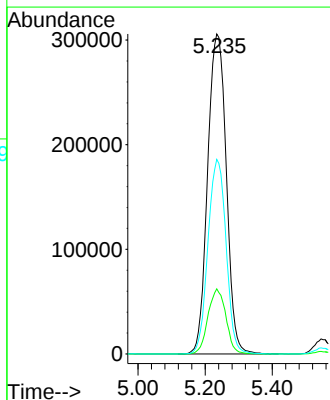
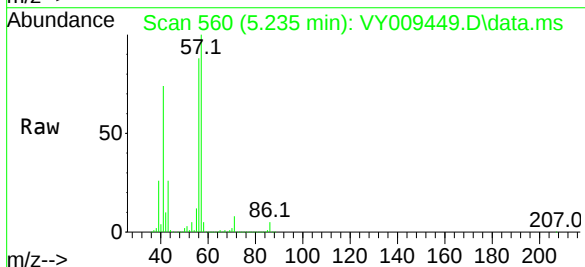
Tgt Ion: 53 Resp: 1181061

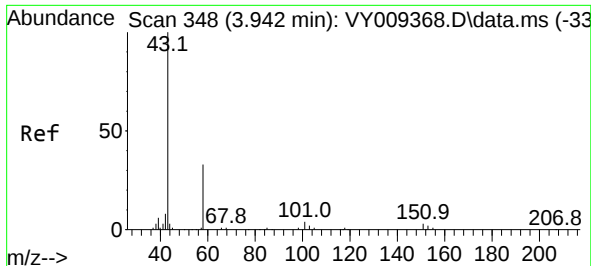
Ion Ratio Lower Upper

53 100

52 19.5 67.0 100.4#

51 59.1 29.8 44.6#

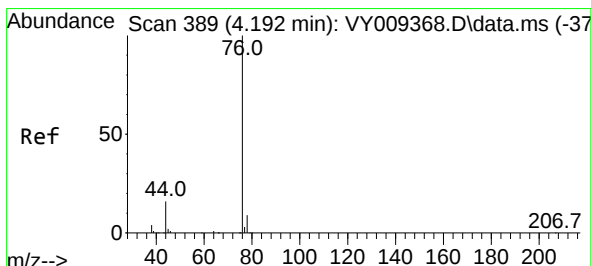
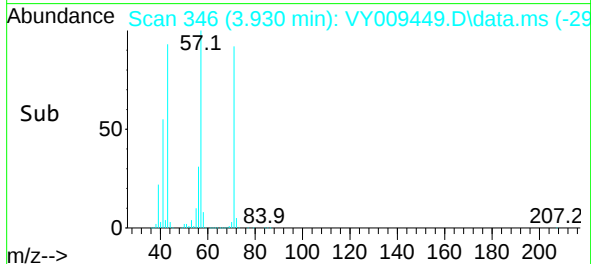
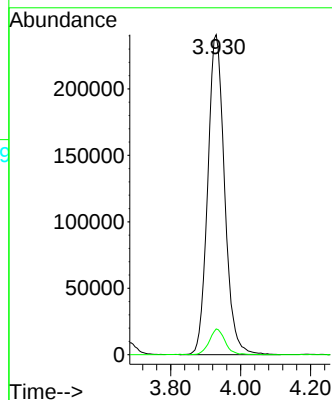
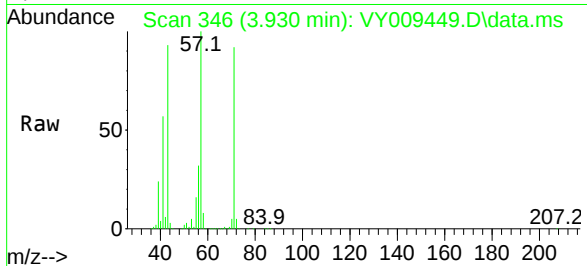




#16
Acetone
Concen: 2198.955 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

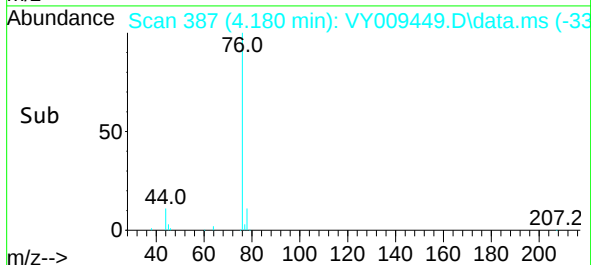
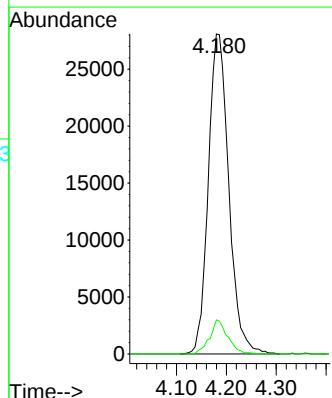
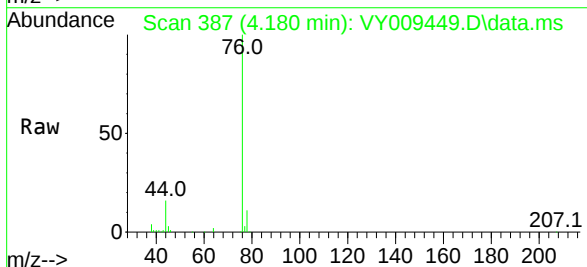
Instrument :
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ClientSampleId :
WC-14B-11-1-GR

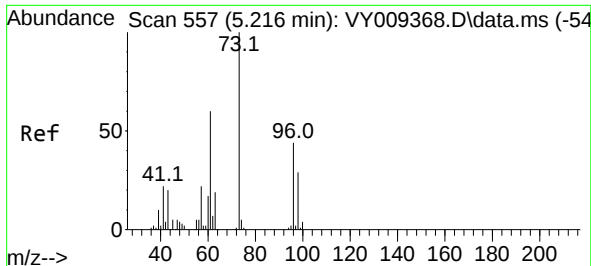
Tgt Ion: 43 Resp: 804238
Ion Ratio Lower Upper
43 100
58 8.1 22.0 33.0#



#17
Carbon Disulfide
Concen: 23.025 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 76 Resp: 80049
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0





#19

Methyl tert-butyl Ether

Concen: 1.453 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

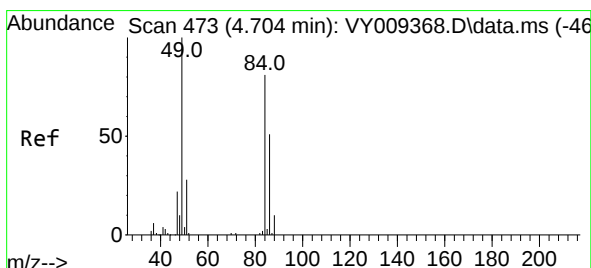
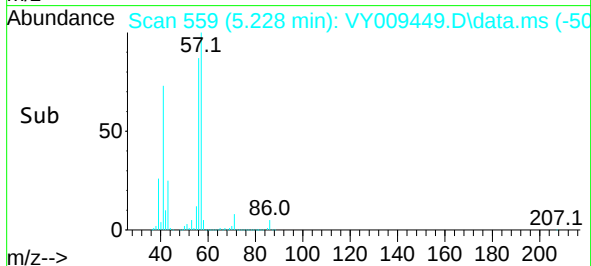
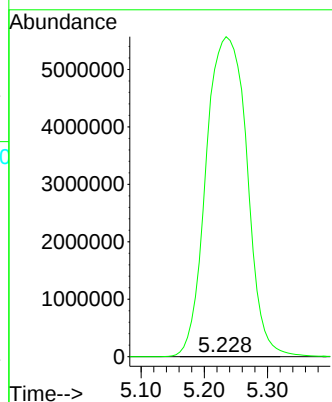
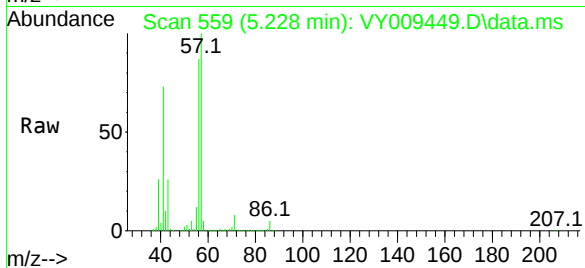
WC-14B-11-1-GR

Tgt Ion: 73 Resp: 5447

Ion Ratio Lower Upper

73 100

57 367190.7 18.6 27.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

Tgt Ion: 84 Resp: 5864

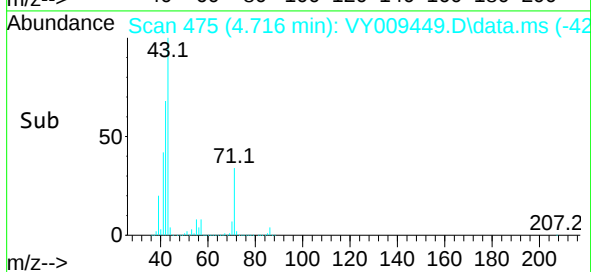
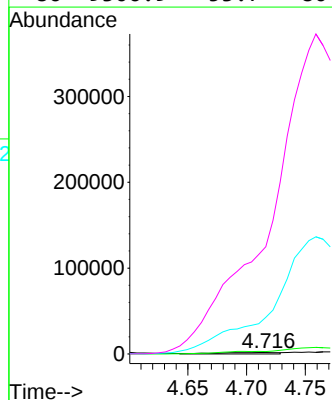
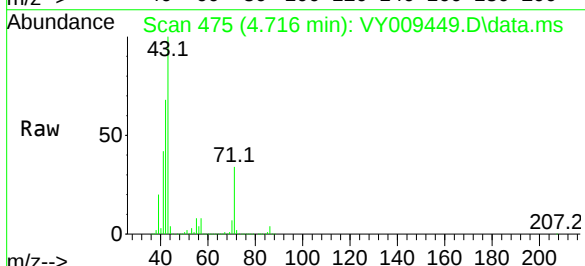
Ion Ratio Lower Upper

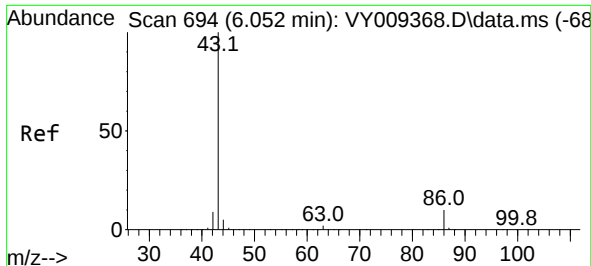
84 100

49 210.7 114.4 171.6#

51 3169.6 35.3 52.9#

86 9306.9 53.7 80.5#

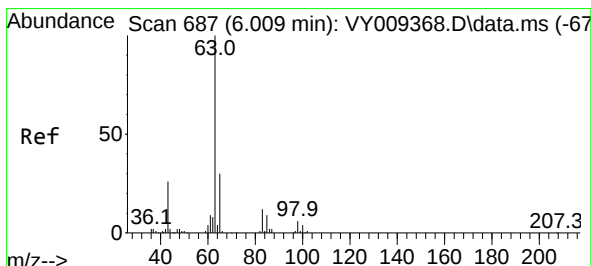
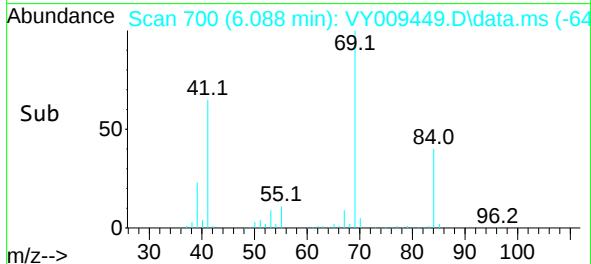
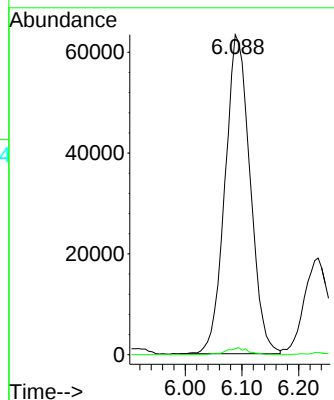
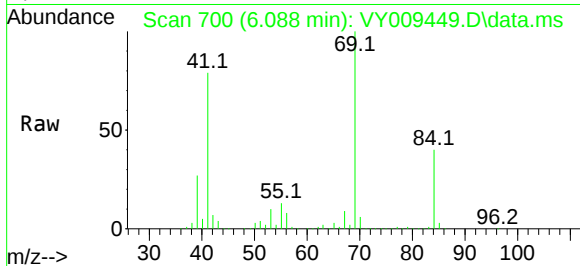




#23
 Vinyl Acetate
 Concen: 64.046 ug/l
 RT: 6.088 min Scan# 701
 Delta R.T. 0.037 min
 Lab File: VY009449.D
 Acq: 06 Jul 2022 13:21

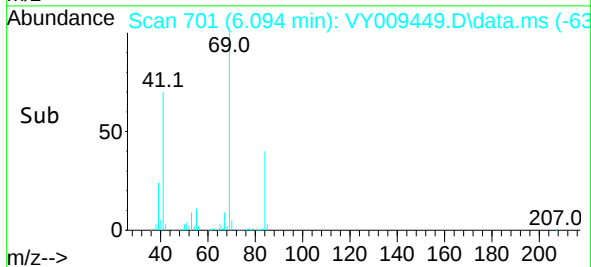
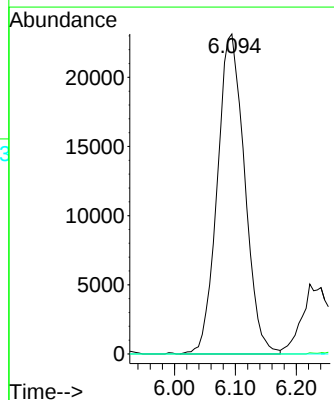
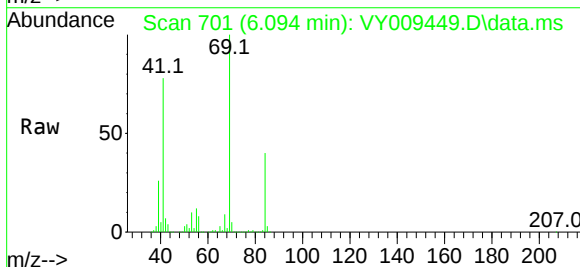
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14B-11-1-GR

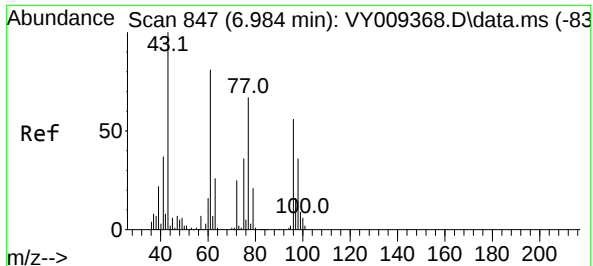
Tgt Ion: 43 Resp: 193907
 Ion Ratio Lower Upper
 43 100
 86 1.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 26.499 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.079 min
 Lab File: VY009449.D
 Acq: 06 Jul 2022 13:21

Tgt Ion: 63 Resp: 72005
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.0 5.8#

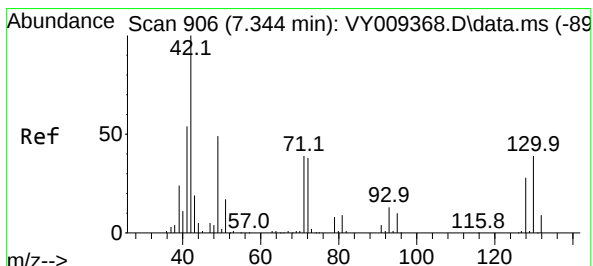
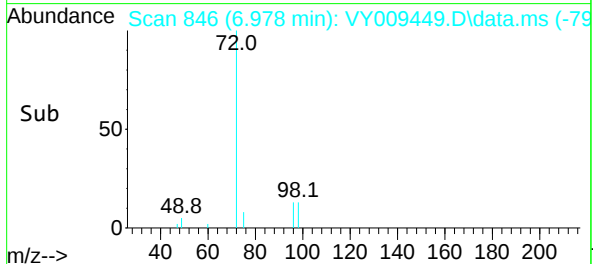
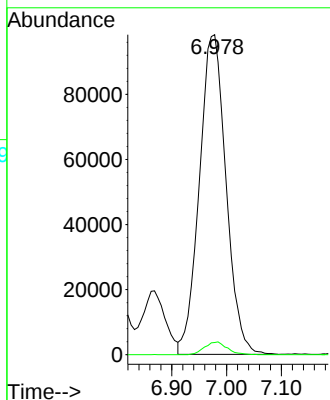
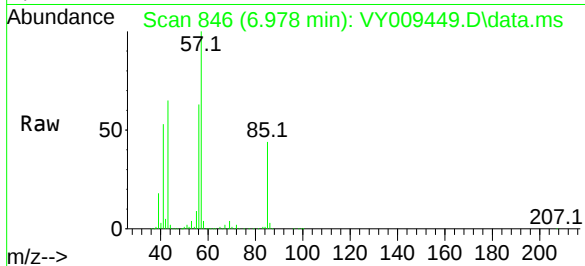




#25
2-Butanone
Concen: 572.143 ug/l
RT: 6.978 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

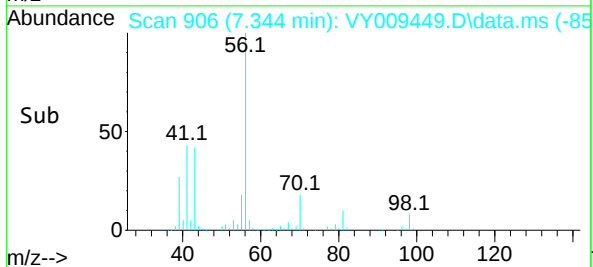
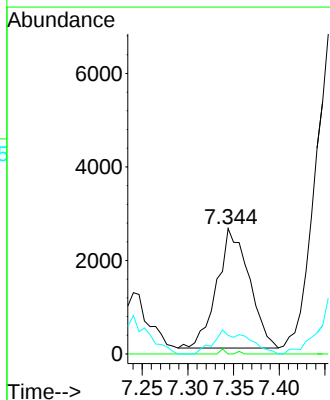
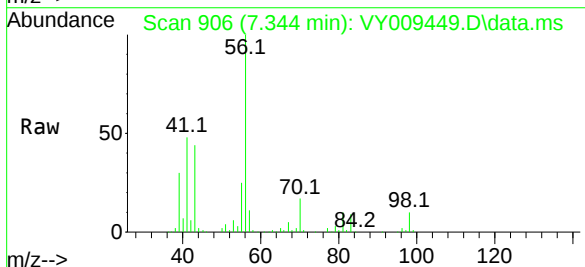
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

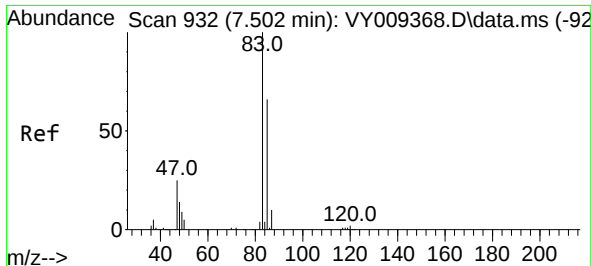
Tgt Ion: 43 Resp: 331747
Ion Ratio Lower Upper
43 100
72 3.8 17.7 26.5#



#29
Tetrahydrofuran
Concen: 16.885 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 42 Resp: 6277
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#

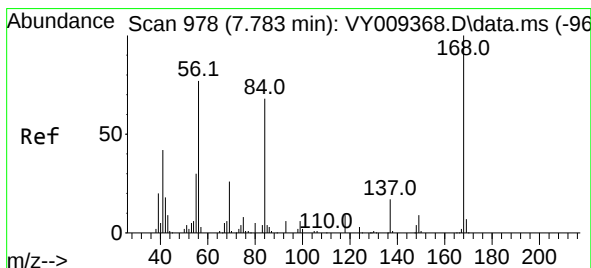
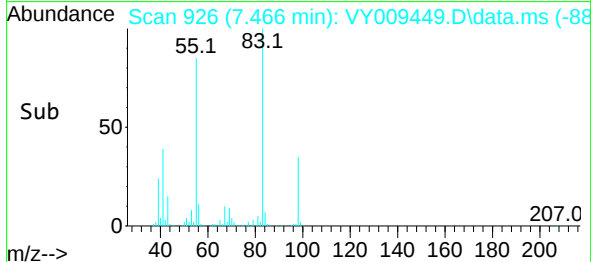
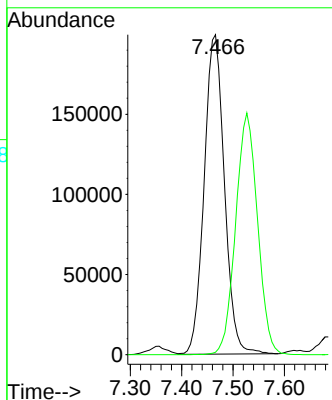
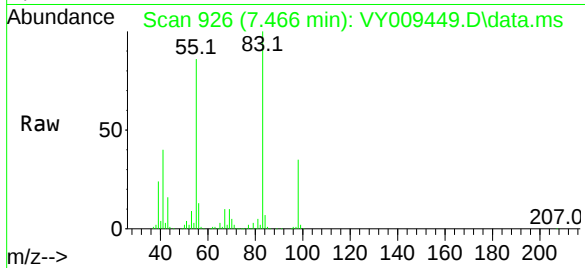




#30
Chloroform
Concen: 195.391 ug/l
RT: 7.466 min Scan# 91
Delta R.T. -0.036 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

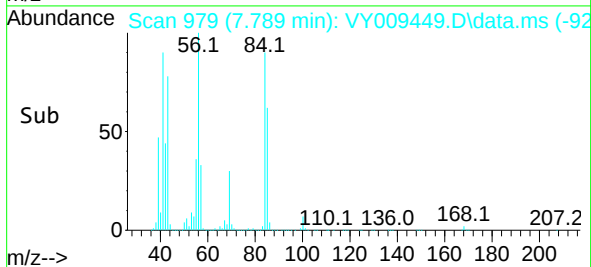
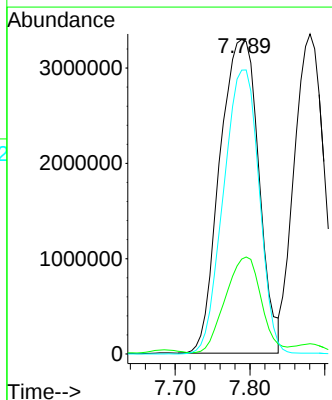
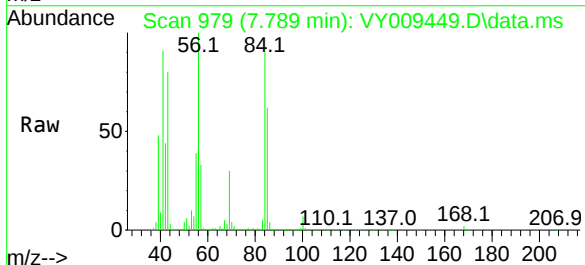
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

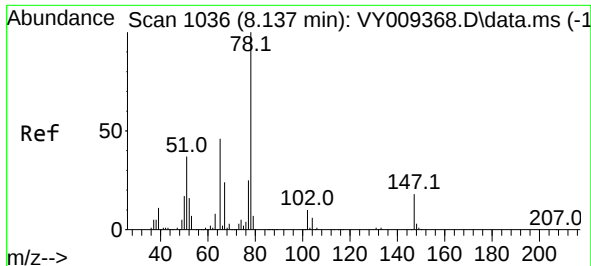
Tgt Ion: 83 Resp: 545690
Ion Ratio Lower Upper
83 100
85 0.7 51.8 77.6#



#31
Cyclohexane
Concen: 4774.555 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 56 Resp: 11959425
Ion Ratio Lower Upper
56 100
69 29.4 26.7 40.1
84 90.5 67.2 100.8

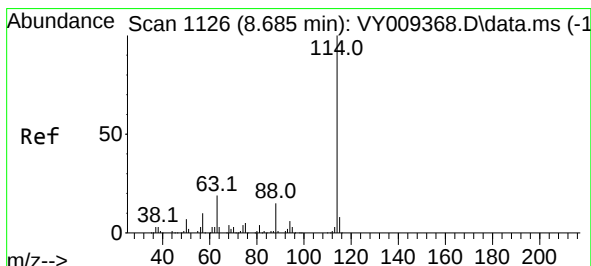
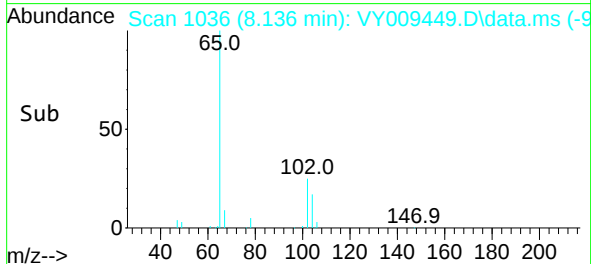
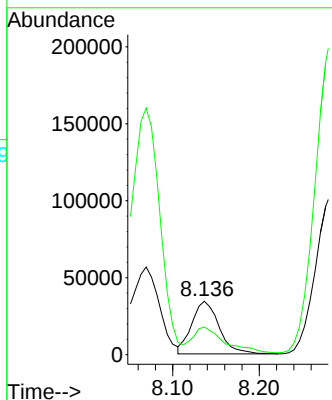
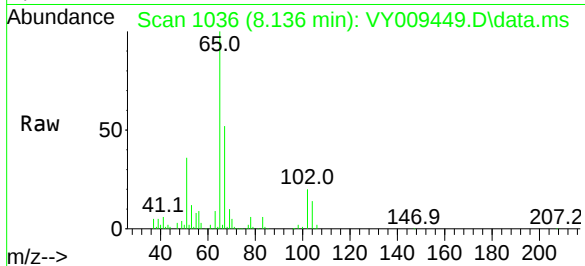




#33
 1,2-Dichloroethane-d4
 Concen: 67.363 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009449.D
 Acq: 06 Jul 2022 13:21

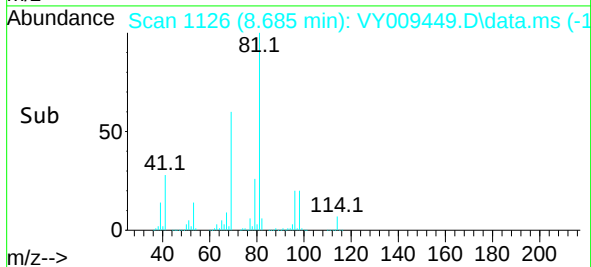
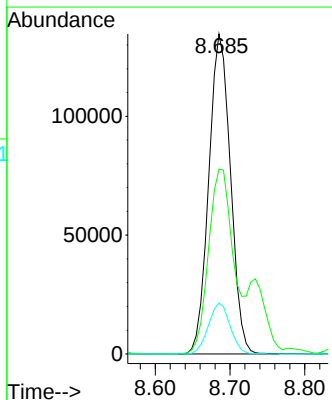
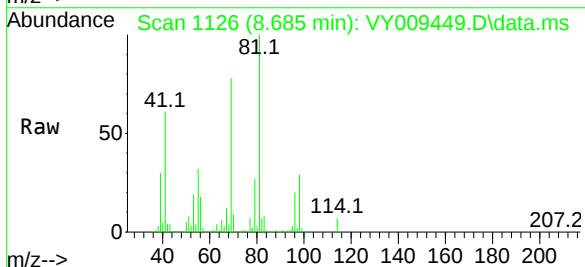
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14B-11-1-GR

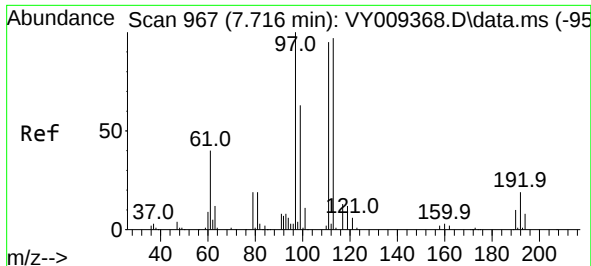
Tgt Ion: 65 Resp: 75018
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009449.D
 Acq: 06 Jul 2022 13:21

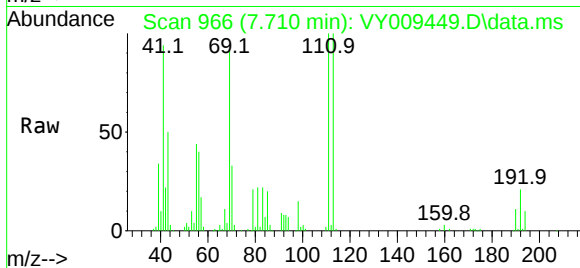
Tgt Ion: 114 Resp: 271985
 Ion Ratio Lower Upper
 114 100
 63 57.8 0.0 43.2#
 88 15.9 0.0 31.8



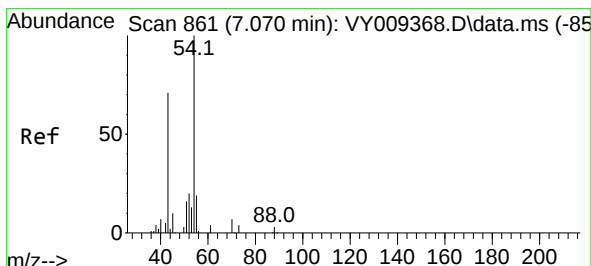
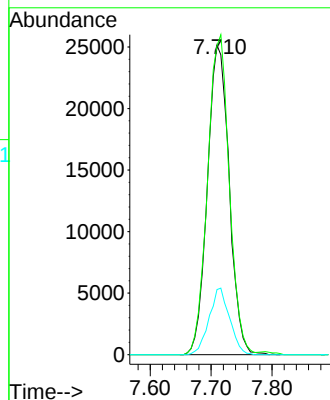
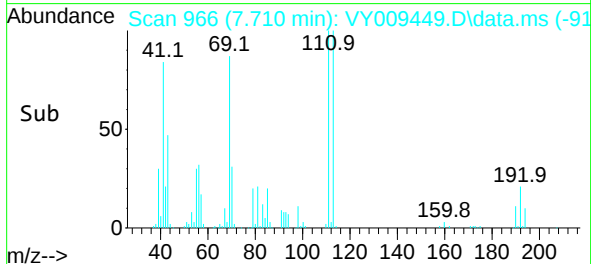


#35
Dibromofluoromethane
Concen: 41.795 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

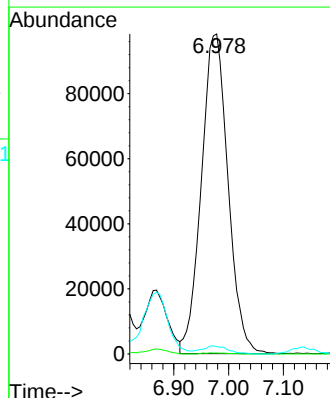
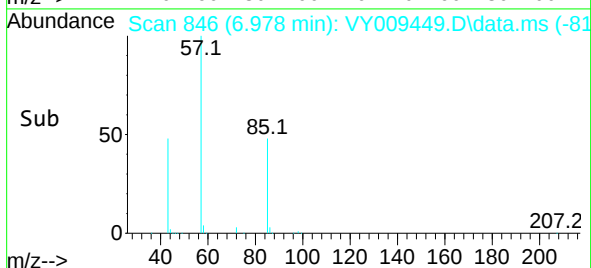
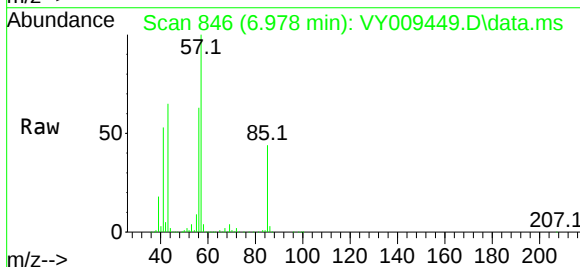


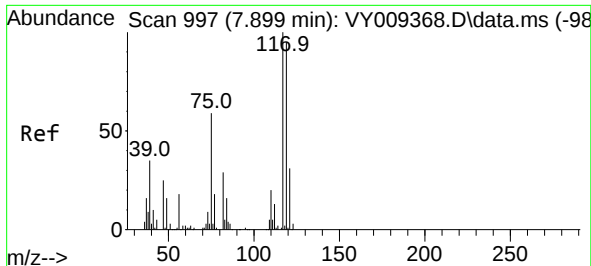
Tgt Ion:113 Resp: 62565
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.2 17.6 26.4



#37
Ethyl Acetate
Concen: 213.728 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 43 Resp: 331747
Ion Ratio Lower Upper
43 100
61 0.3 9.7 14.5#
70 2.4 7.1 10.7#

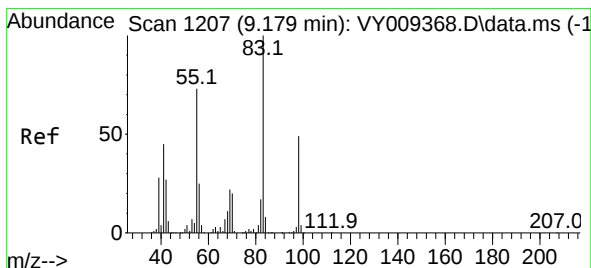
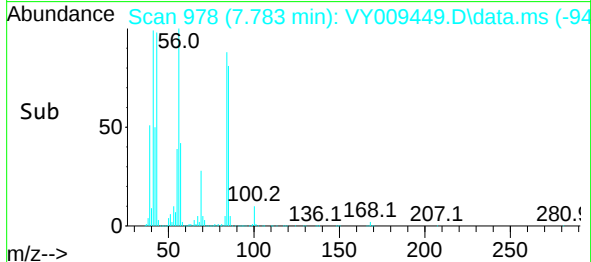
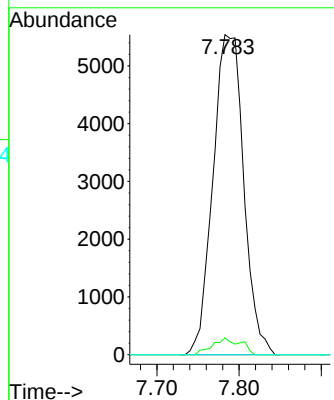
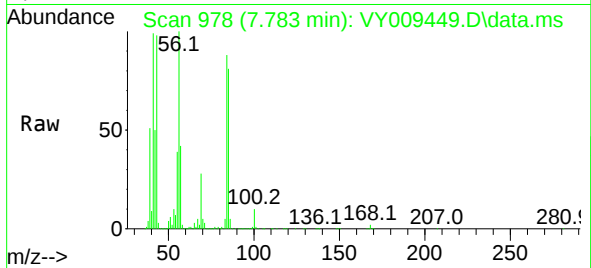




#38
Carbon Tetrachloride
Concen: 5.268 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

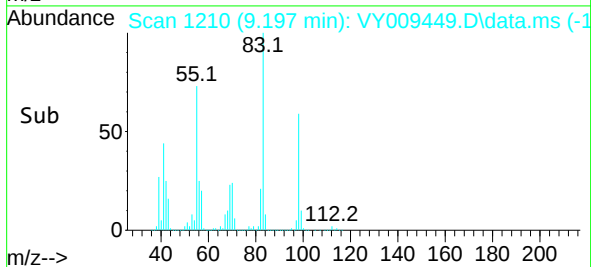
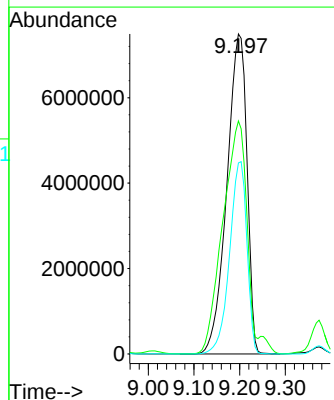
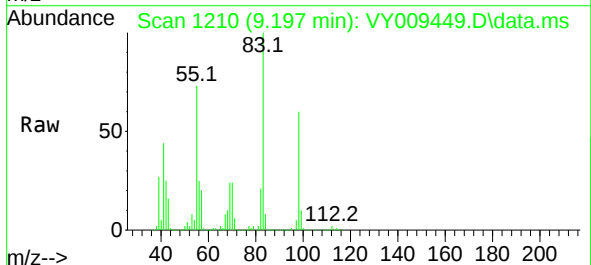
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

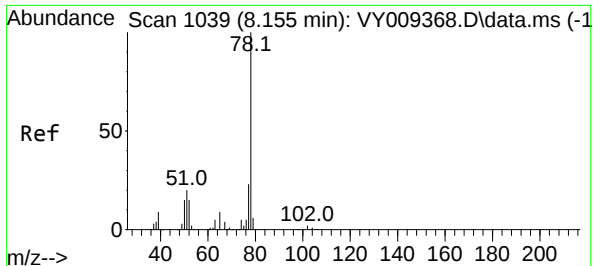
Tgt Ion:117 Resp: 14411
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 7391.320 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. 0.018 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 83 Resp:22896494
Ion Ratio Lower Upper
83 100
55 72.8 66.5 99.7
98 59.7 37.9 56.9#

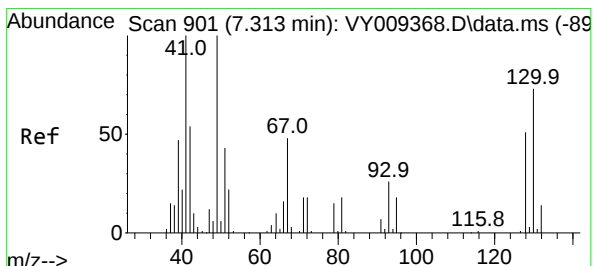
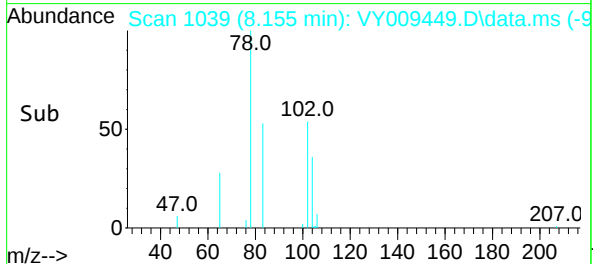
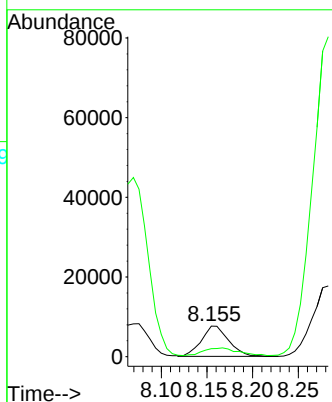
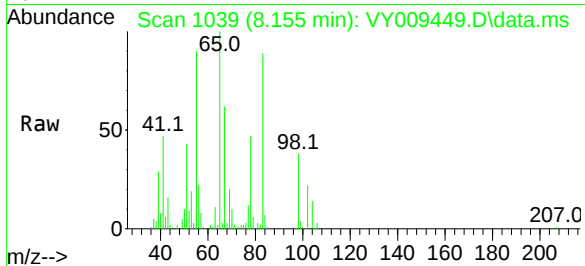




#40
Benzene
Concen: 2.061 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

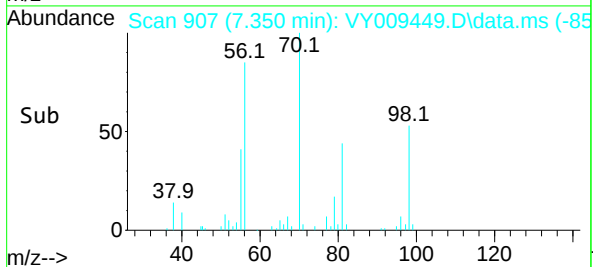
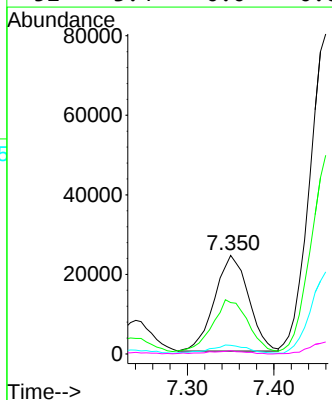
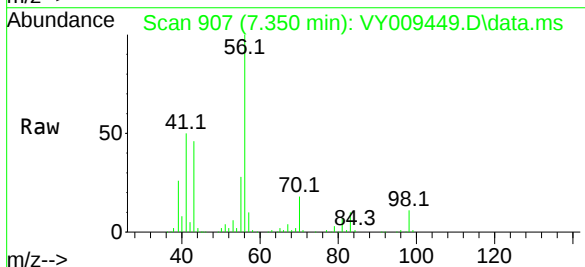
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

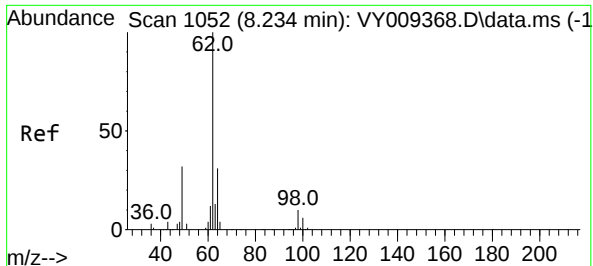
Tgt Ion: 78 Resp: 15776
Ion Ratio Lower Upper
78 100
77 21.9 20.4 30.6



#41
Methacrylonitrile
Concen: 74.724 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.049 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 41 Resp: 65526
Ion Ratio Lower Upper
41 100
39 55.6 92.9 139.3#
67 9.6 0.0 0.0#
52 3.4 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 26.430 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.049 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

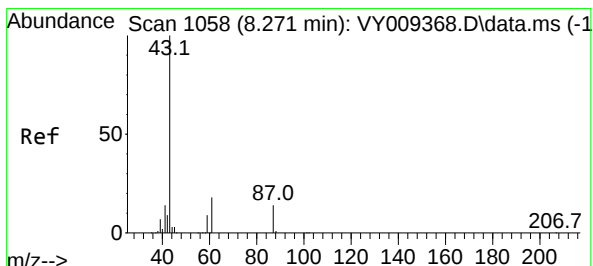
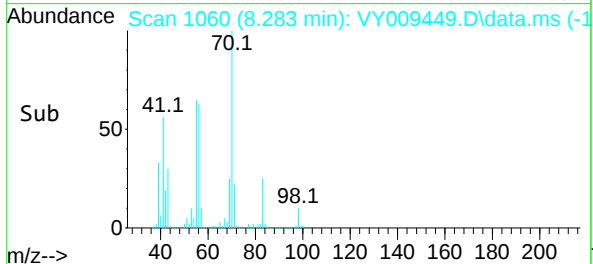
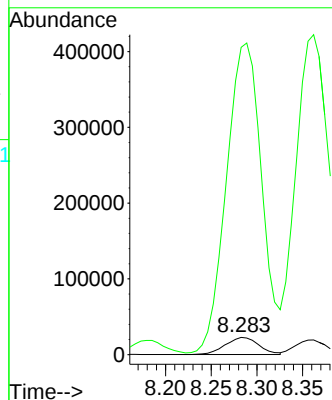
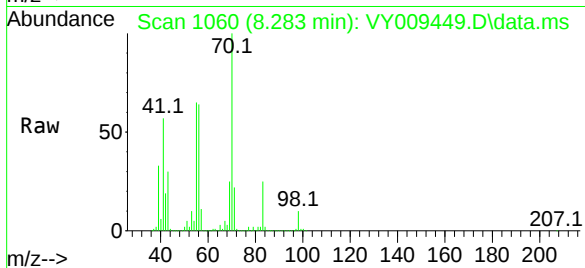
WC-14B-11-1-GR

Tgt Ion: 62 Resp: 58031

Ion Ratio Lower Upper

62 100

98 1891.7 0.0 14.8#



#43

Isopropyl Acetate

Concen: 1357.973 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

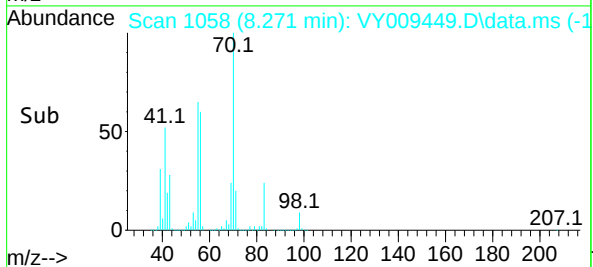
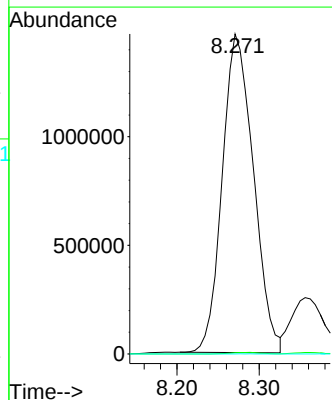
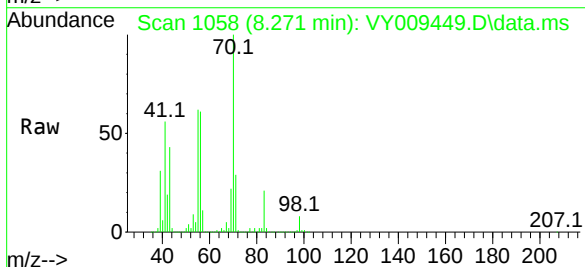
Tgt Ion: 43 Resp: 3869964

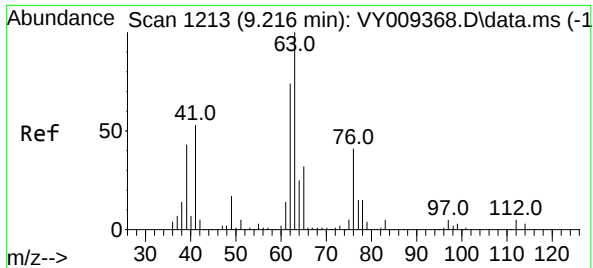
Ion Ratio Lower Upper

43 100

61 0.5 20.2 30.2#

87 0.0 8.9 13.3#





#45

1,2-Dichloropropane

Concen: 161.818 ug/l

RT: 9.197 min Scan# 1210

Delta R.T. -0.012 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

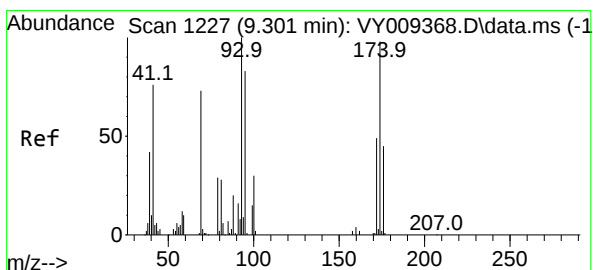
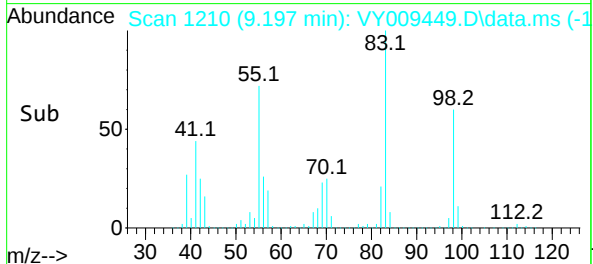
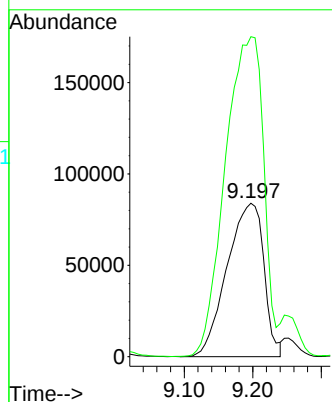
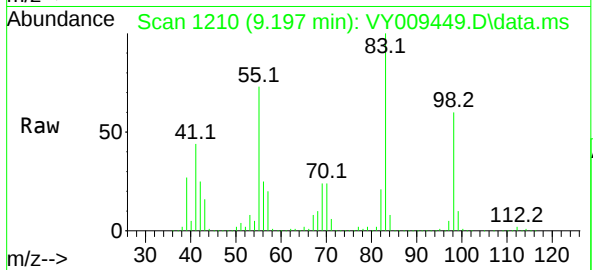
WC-14B-11-1-GR

Tgt Ion: 63 Resp: 313744

Ion Ratio Lower Upper

63 100

65 208.4 23.0 34.6#



#46

Dibromomethane

Concen: 13.943 ug/l

RT: 9.270 min Scan# 1222

Delta R.T. -0.031 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

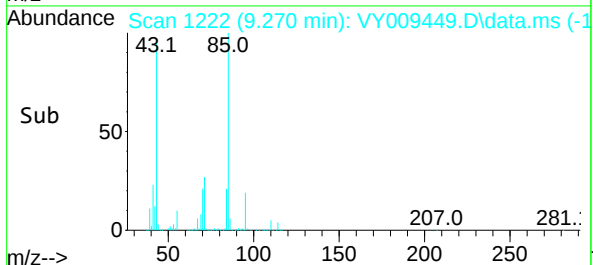
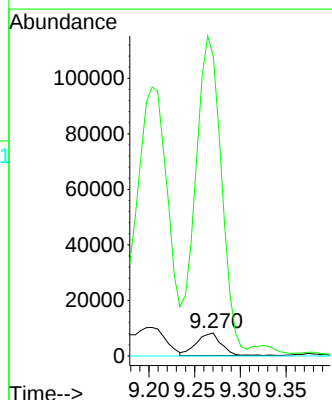
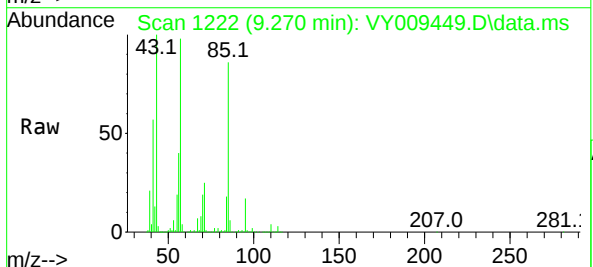
Tgt Ion: 93 Resp: 15487

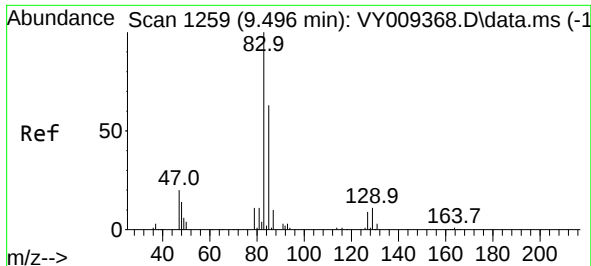
Ion Ratio Lower Upper

93 100

95 1411.9 64.3 96.5#

174 0.0 83.4 125.0#

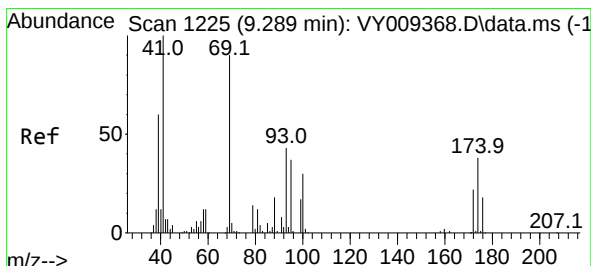
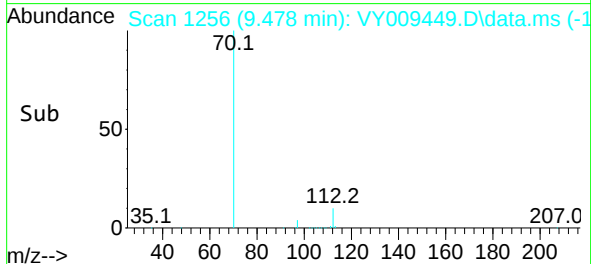
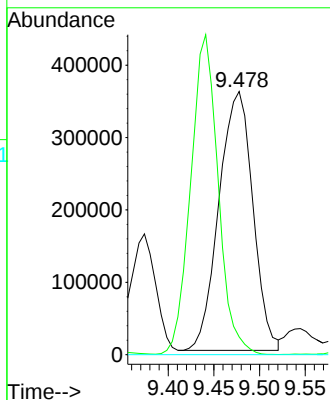
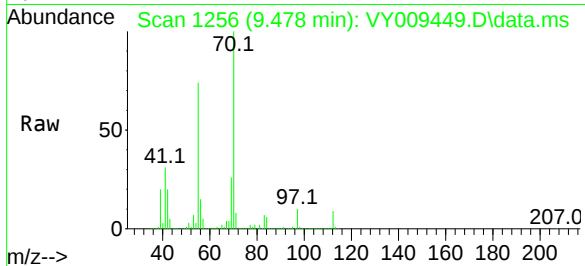




#47
Bromodichloromethane
Concen: 351.416 ug/l
RT: 9.478 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

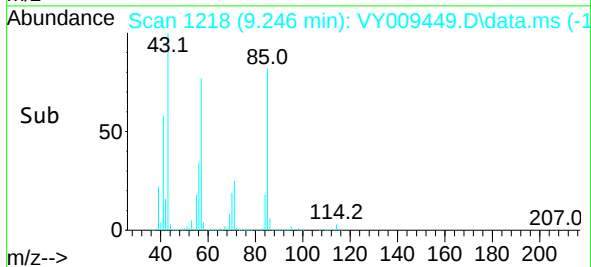
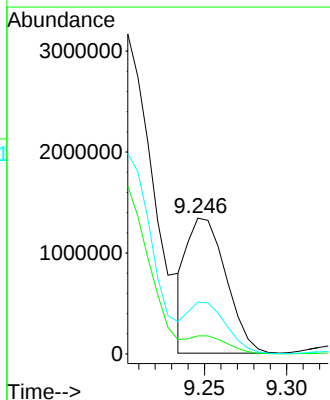
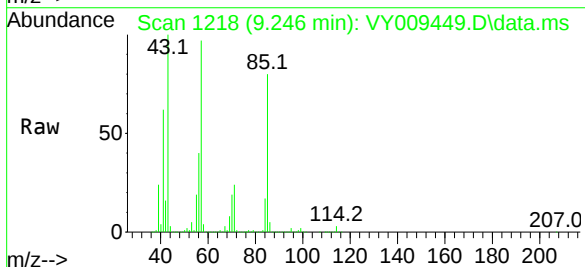
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

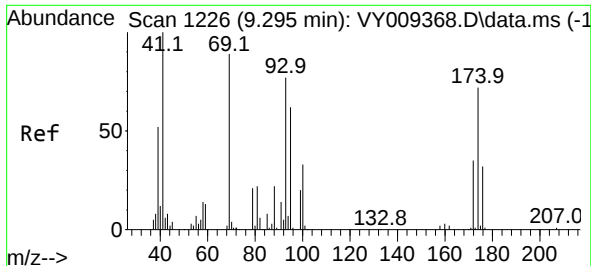
Tgt Ion: 83 Resp: 924368
Ion Ratio Lower Upper
83 100
85 6.8 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 1801.062 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.043 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 41 Resp: 2212671
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 37.9 47.4 71.0#





#49

1,4-Dioxane

Concen: 5.425 ug/l

RT: 9.246 min Scan# 11

Delta R.T. -0.049 min

Lab File: VY009449.D

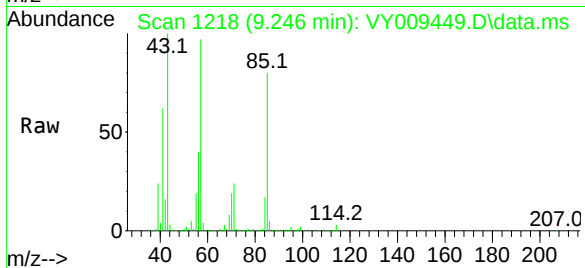
Acq: 06 Jul 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

WC-14B-11-1-GR



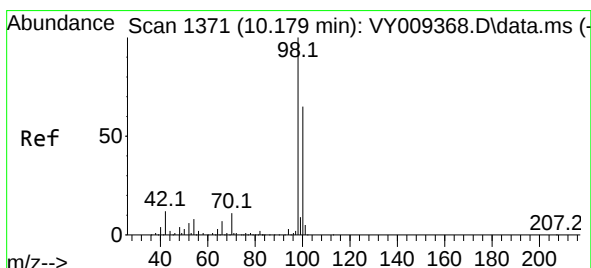
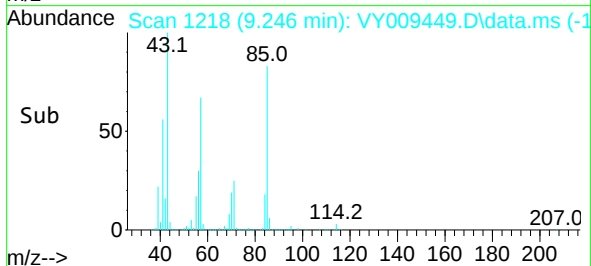
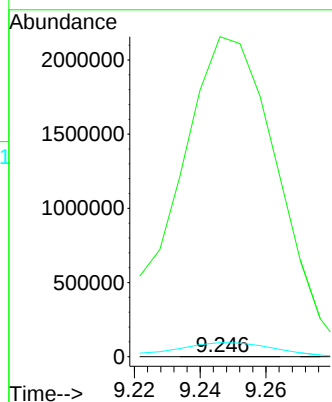
Tgt Ion: 88 Resp: 84

Ion Ratio Lower Upper

88 100

43 5208209.5 32.8 49.2#

58 226920.2 59.8 89.6#



#50

Toluene-d8

Concen: 240.605 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY009449.D

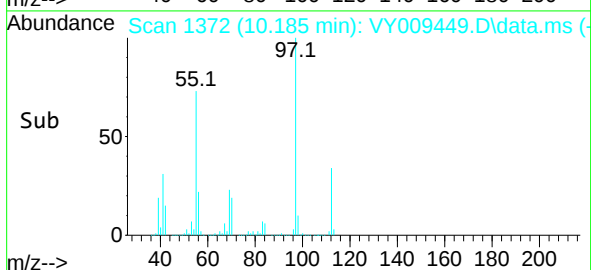
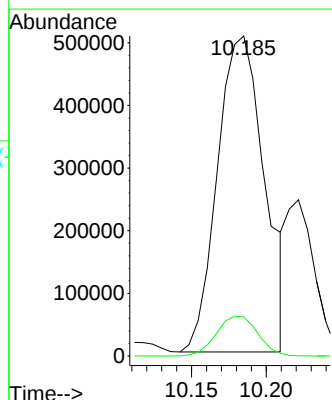
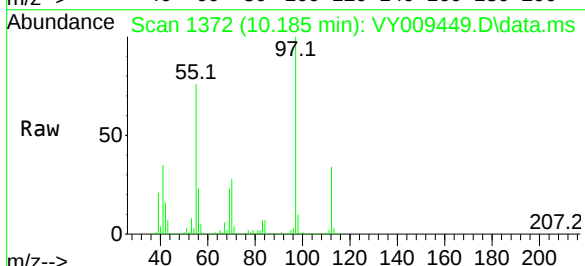
Acq: 06 Jul 2022 13:21

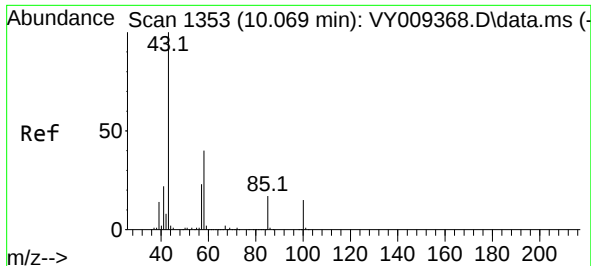
Tgt Ion: 98 Resp: 1104285

Ion Ratio Lower Upper

98 100

100 11.1 50.2 75.2#

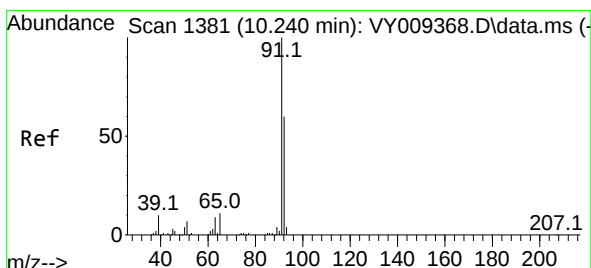
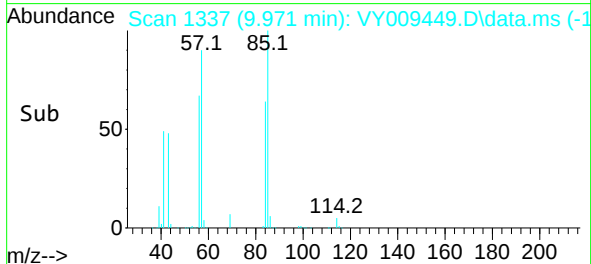
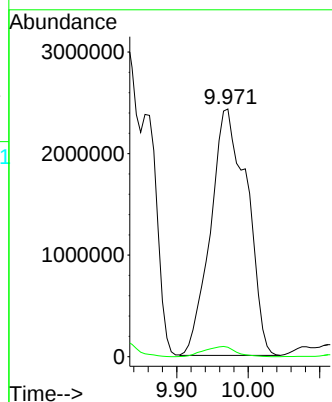
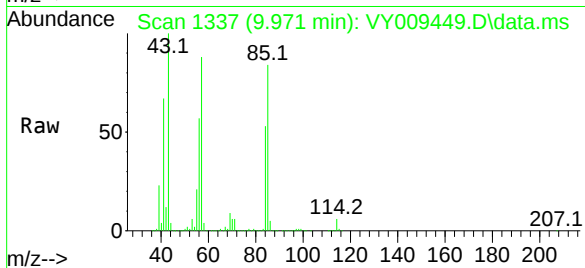




#51
4-Methyl-2-Pentanone
Concen: 5878.659 ug/l
RT: 9.971 min Scan# 1337
Delta R.T. -0.098 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

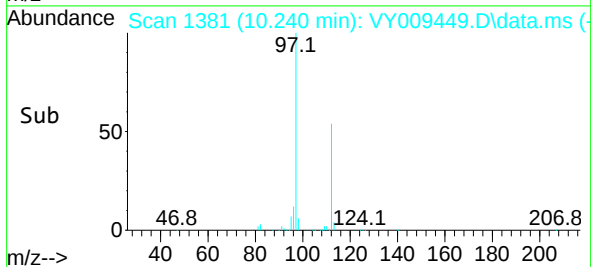
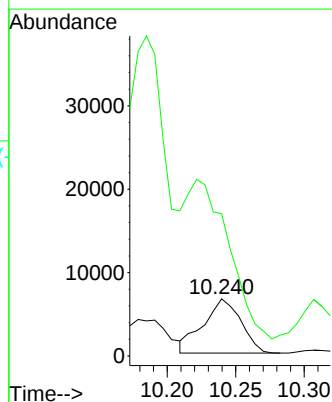
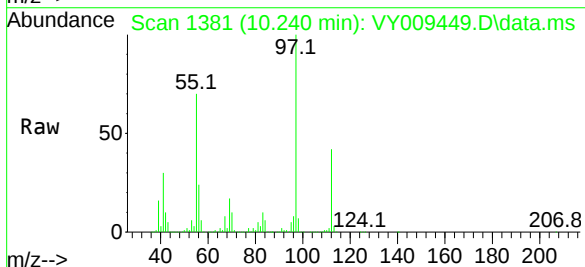
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

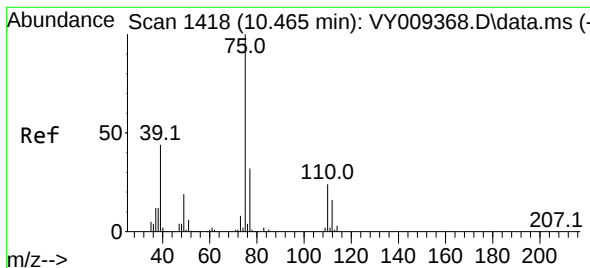
Tgt Ion: 43 Resp: 8637773
Ion Ratio Lower Upper
43 100
58 3.5 28.1 42.1#



#52
Toluene
Concen: 2.575 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 92 Resp: 12433
Ion Ratio Lower Upper
92 100
91 0.0 142.6 213.8#

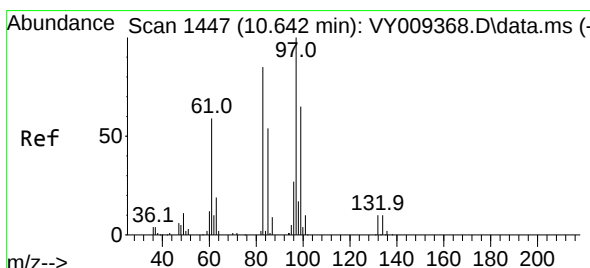
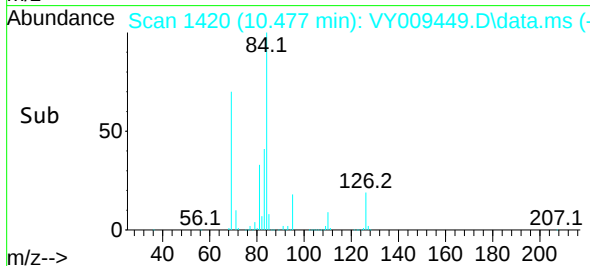
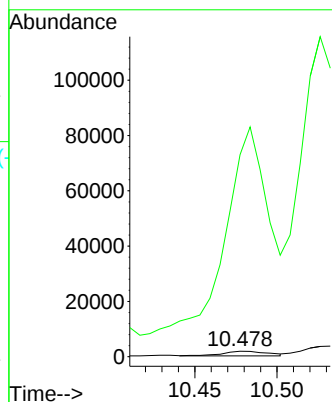
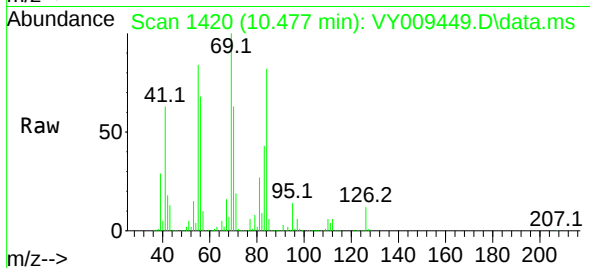




#53
t-1,3-Dichloropropene
Concen: 1.221 ug/l
RT: 10.477 min Scan# 1418
Delta R.T. 0.012 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

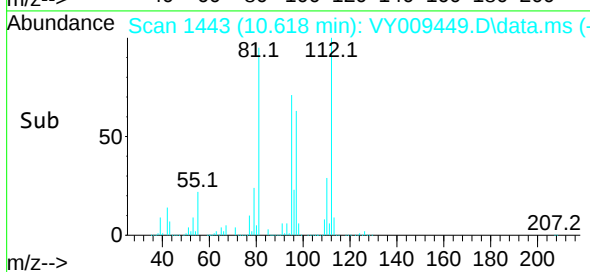
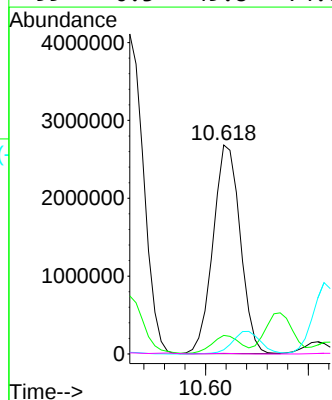
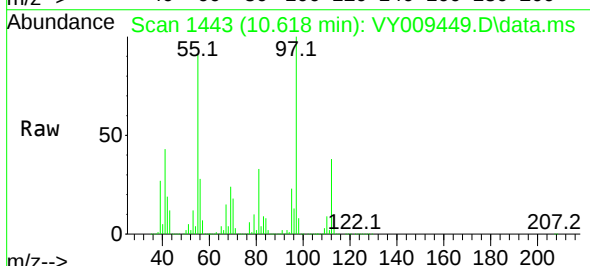
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

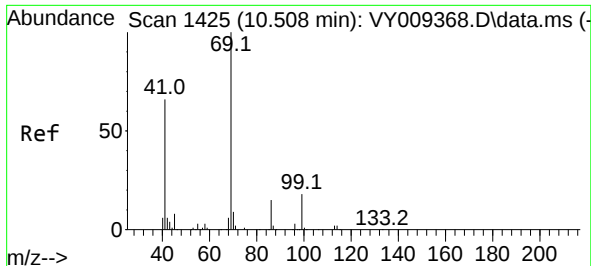
Tgt Ion: 75 Resp: 3212
Ion Ratio Lower Upper
75 100
77 3643.6 25.4 38.2#



#55
1,1,2-Trichloroethane
Concen: 3321.429 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 97 Resp: 4908350
Ion Ratio Lower Upper
97 100
83 8.5 69.8 104.8#
85 2.0 44.3 66.5#
99 0.3 49.8 74.6#

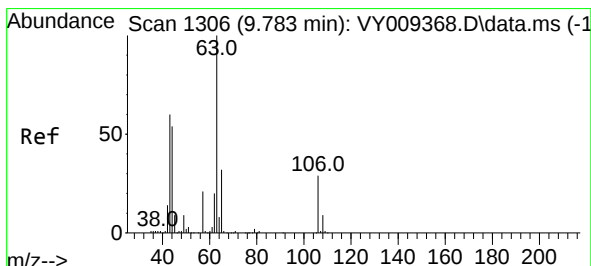
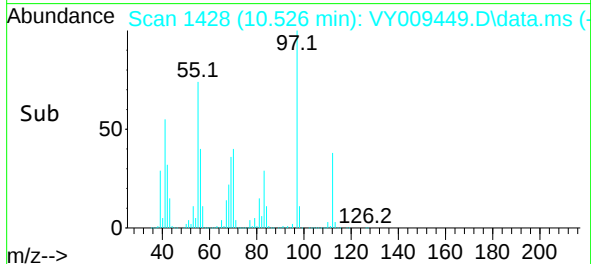
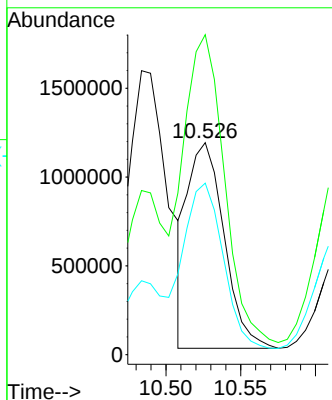
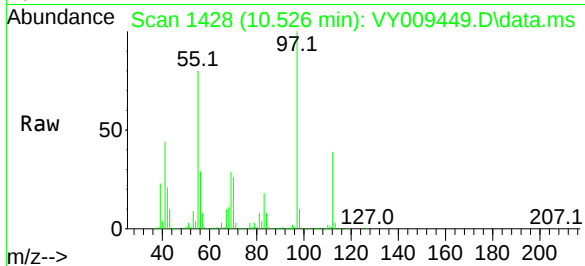




#56
Ethyl methacrylate
Concen: 1045.415 ug/l
RT: 10.526 min Scan# 1425
Delta R.T. 0.018 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

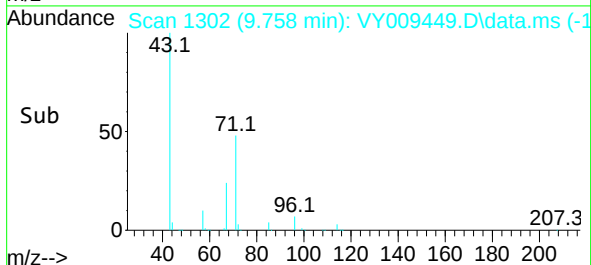
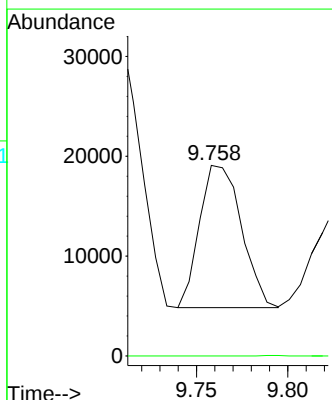
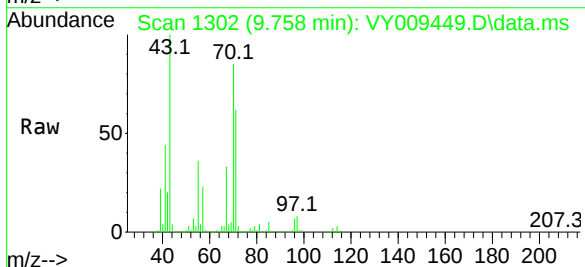
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

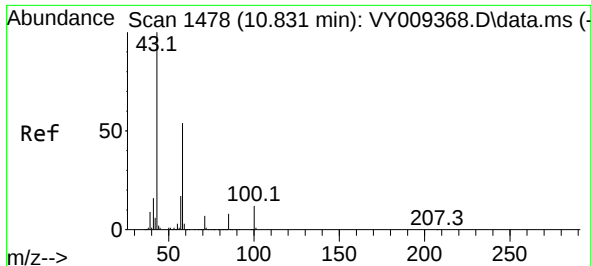
Tgt Ion: 69 Resp: 1971950
Ion Ratio Lower Upper
69 100
41 165.3 63.4 95.0#
39 85.6 35.8 53.8#



#58
2-Chloroethyl Vinyl ether
Concen: 21.803 ug/l
RT: 9.758 min Scan# 1302
Delta R.T. -0.018 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 63 Resp: 22771
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#





#59

2-Hexanone

Concen: 8975.871 ug/l

RT: 10.813 min Scan# 1475

Delta R.T. -0.018 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

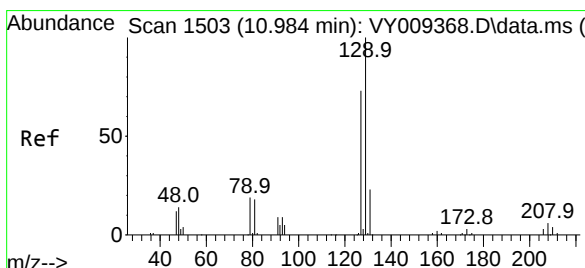
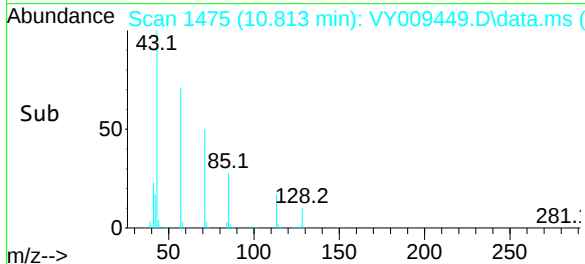
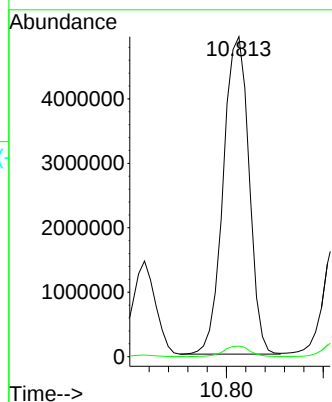
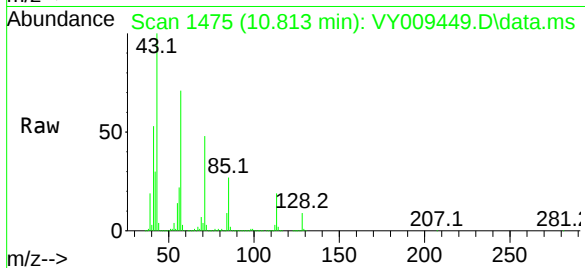
WC-14B-11-1-GR

Tgt Ion: 43 Resp: 9110558

Ion Ratio Lower Upper

43 100

58 3.4 24.4 73.4#



#60

Dibromochloromethane

Concen: 12.774 ug/l

RT: 10.916 min Scan# 1492

Delta R.T. -0.068 min

Lab File: VY009449.D

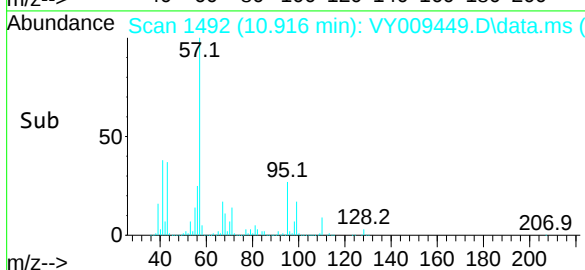
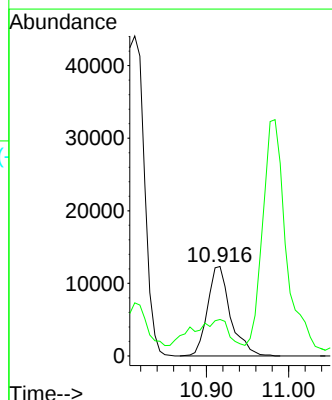
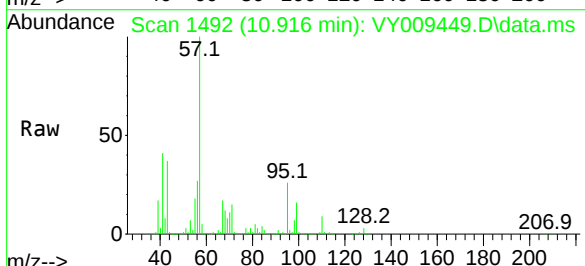
Acq: 06 Jul 2022 13:21

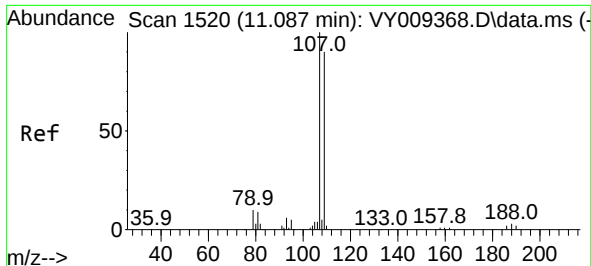
Tgt Ion:129 Resp: 23890

Ion Ratio Lower Upper

129 100

127 43.7 38.7 116.1

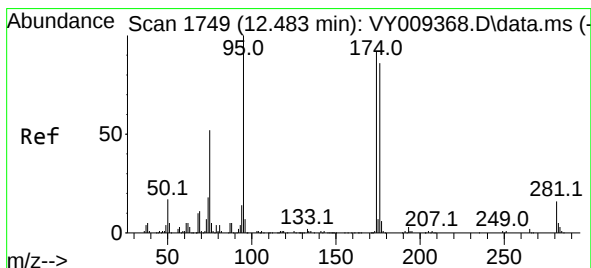
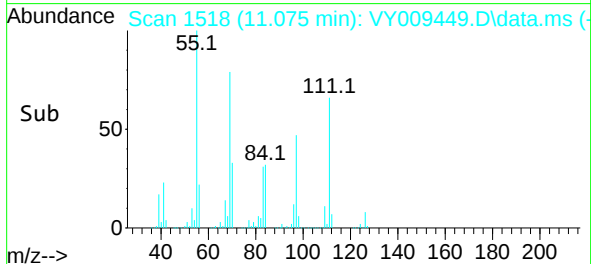
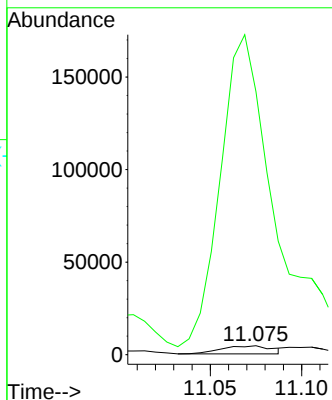
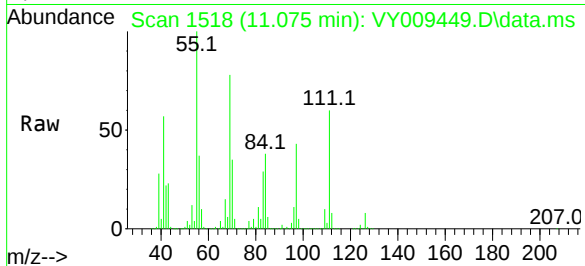




#61
1,2-Dibromoethane
Concen: 5.733 ug/l
RT: 11.075 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

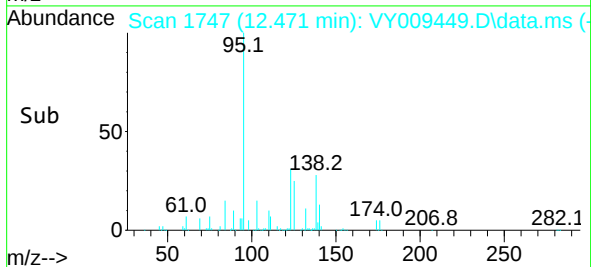
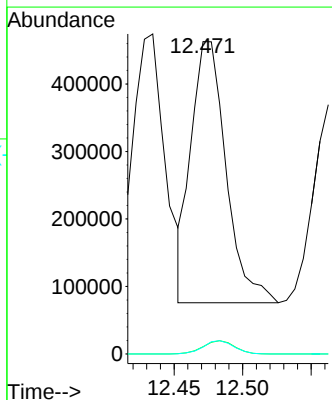
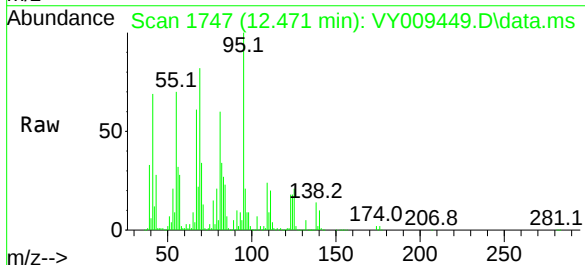
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

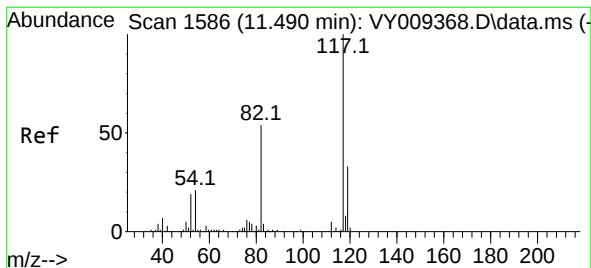
Tgt Ion:107 Resp: 8505
Ion Ratio Lower Upper
107 100
109 4111.0 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 316.282 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.006 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 95 Resp: 688456
Ion Ratio Lower Upper
95 100
174 4.5 0.0 177.0
176 4.5 0.0 175.8

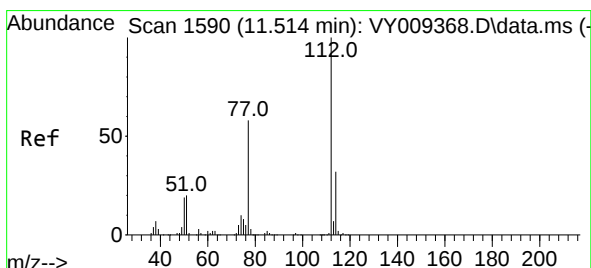
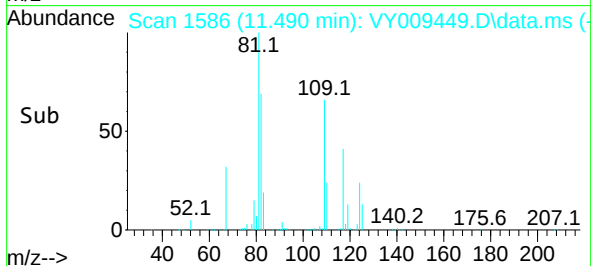
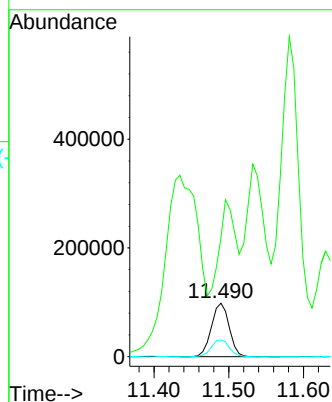
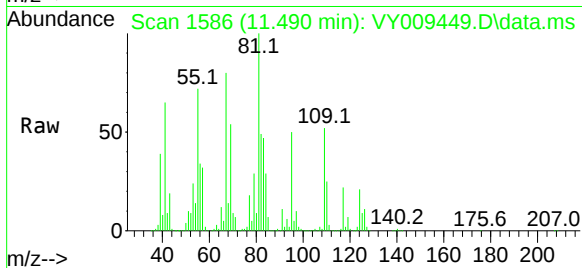




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

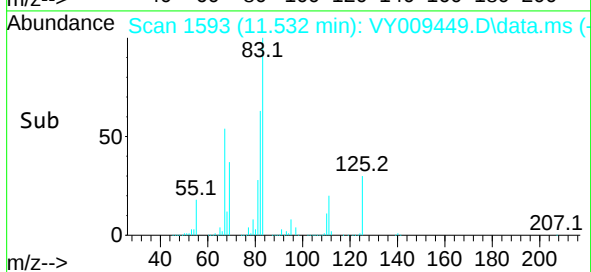
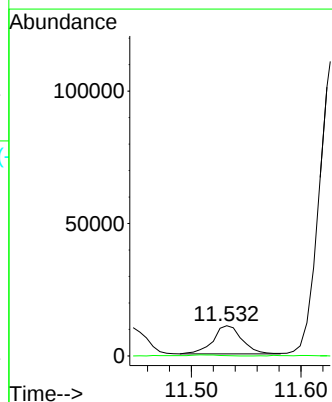
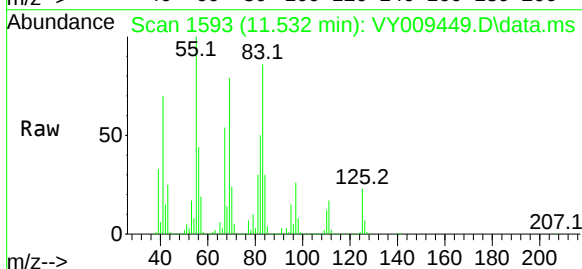
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

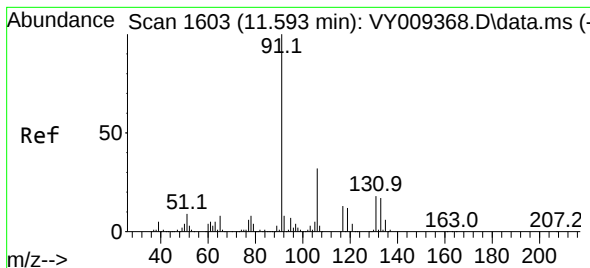
Tgt Ion:117 Resp: 162095
Ion Ratio Lower Upper
117 100
82 0.0 43.0 64.4#
119 31.5 25.4 38.0



#65
Chlorobenzene
Concen: 5.574 ug/l
RT: 11.532 min Scan# 1593
Delta R.T. 0.018 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion:112 Resp: 19331
Ion Ratio Lower Upper
112 100
114 0.1 25.8 38.6#

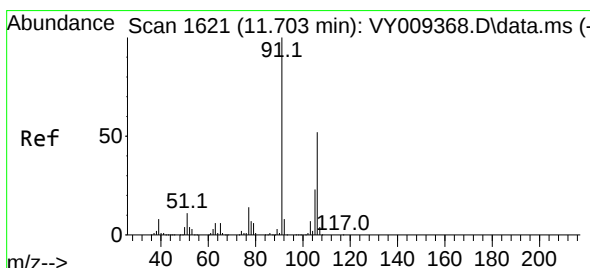
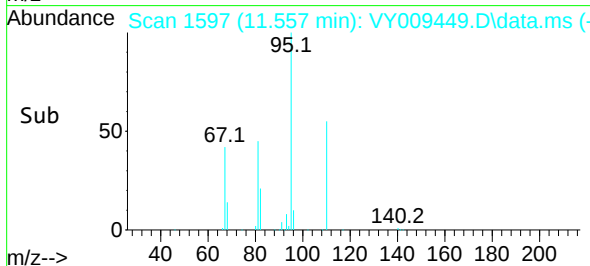
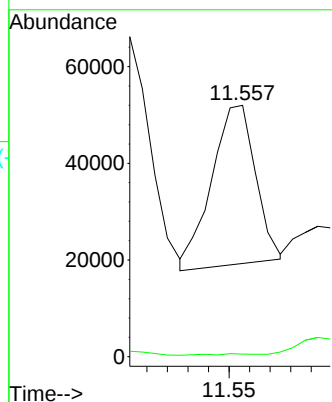
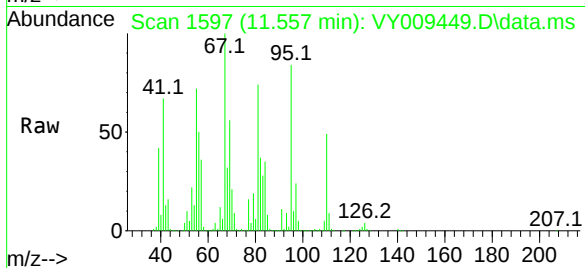




#67
Ethyl Benzene
Concen: 8.148 ug/l
RT: 11.557 min Scan# 11597
Delta R.T. -0.036 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

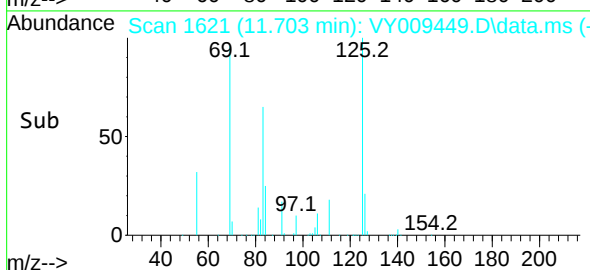
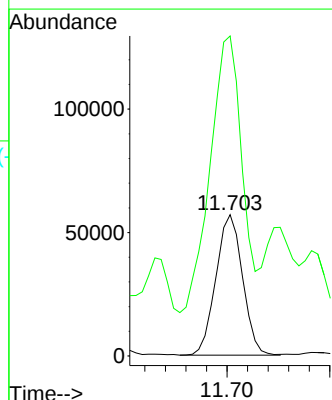
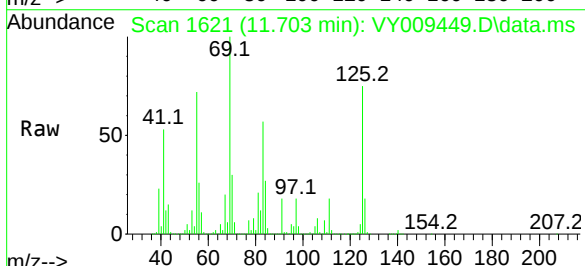
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

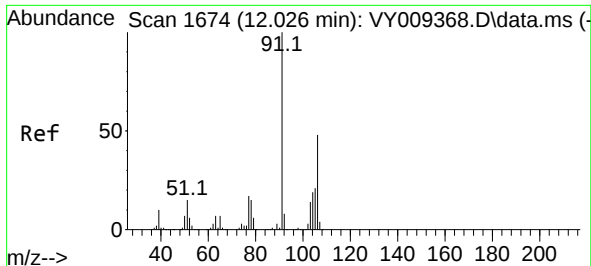
Tgt Ion: 91 Resp: 49025
Ion Ratio Lower Upper
91 100
106 0.7 24.5 36.7#



#68
m/p-Xylenes
Concen: 42.649 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion:106 Resp: 102609
Ion Ratio Lower Upper
106 100
91 232.4 166.6 249.8

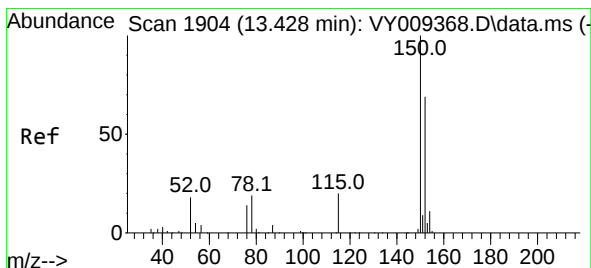
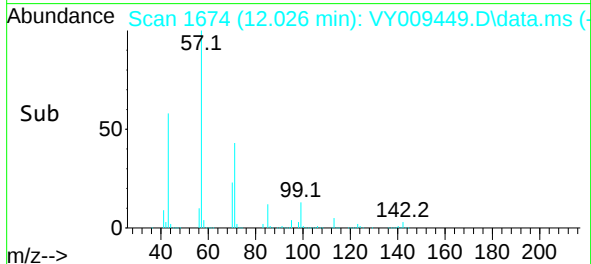
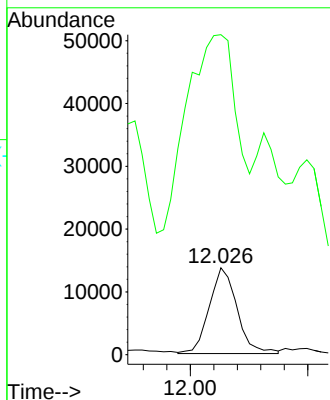
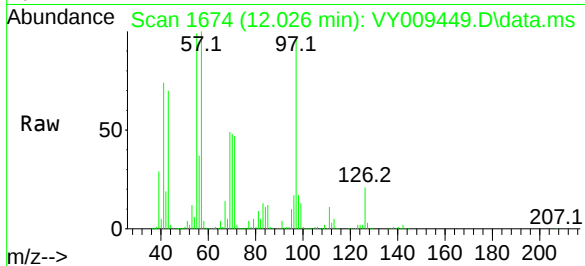




#69
o-Xylene
Concen: 9.892 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

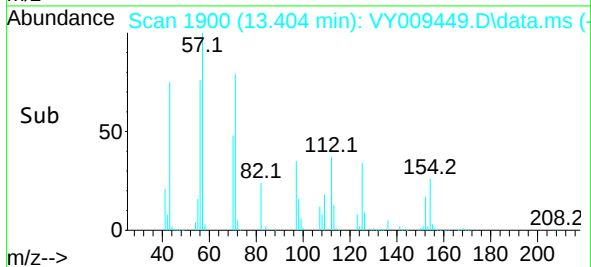
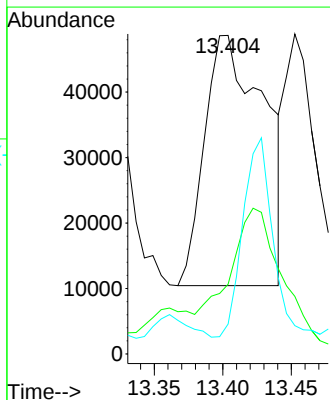
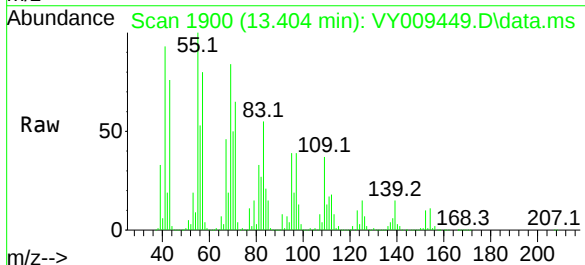
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

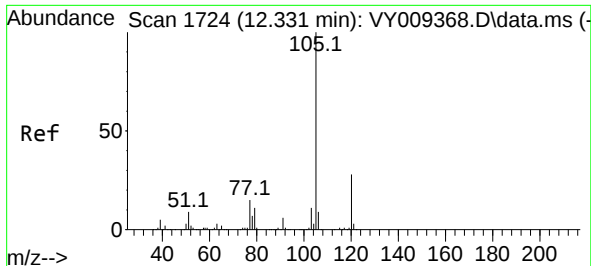
Tgt Ion:106 Resp: 22459
Ion Ratio Lower Upper
106 100
91 415.2 110.3 331.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.404 min Scan# 1900
Delta R.T. -0.018 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion:152 Resp: 115419
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6

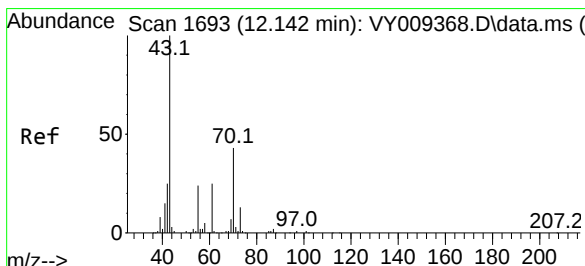
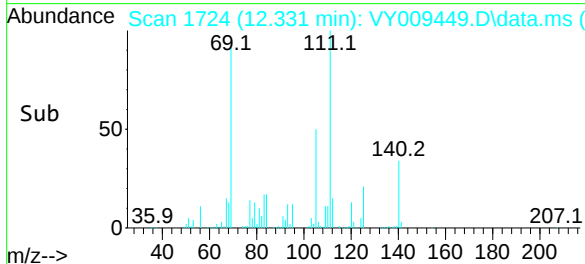
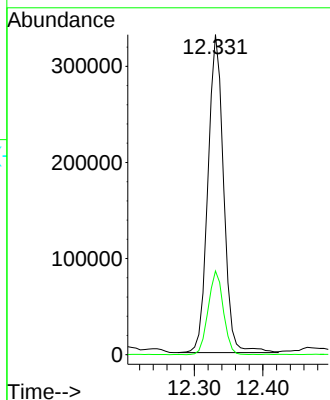
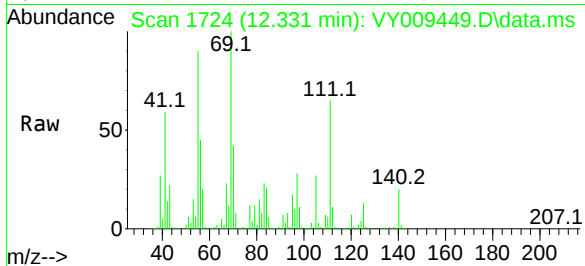




#73
Isopropylbenzene
Concen: 61.871 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

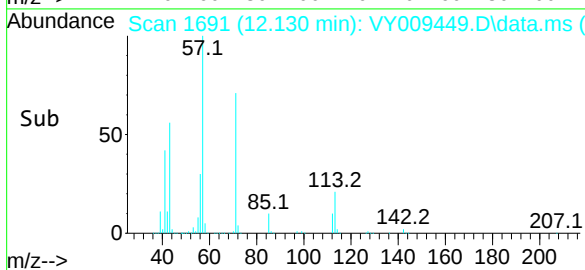
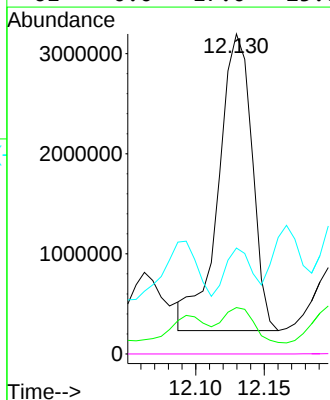
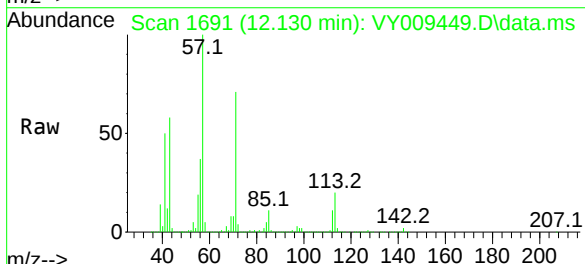
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

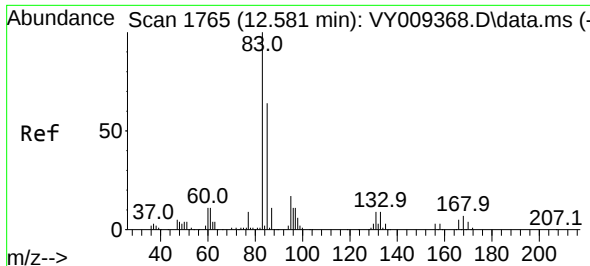
Tgt Ion:105 Resp: 527456
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.2



#74
N-ethyl acetate
Concen: 2267.995 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.012 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 43 Resp: 5071694
Ion Ratio Lower Upper
43 100
70 11.0 28.7 43.1#
55 19.6 17.3 25.9
61 0.0 17.0 25.6#

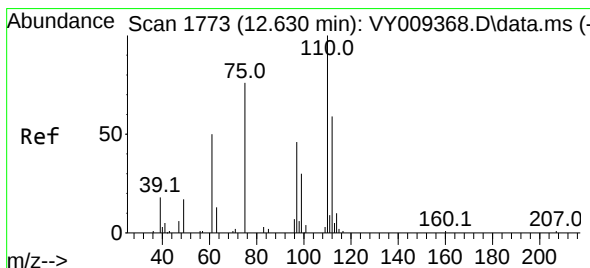
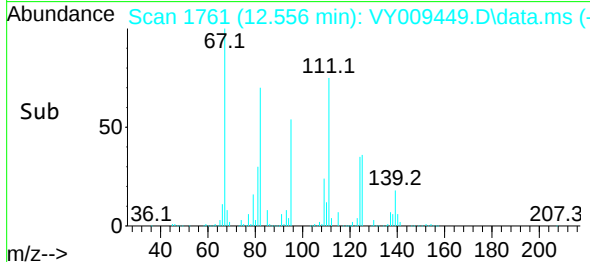
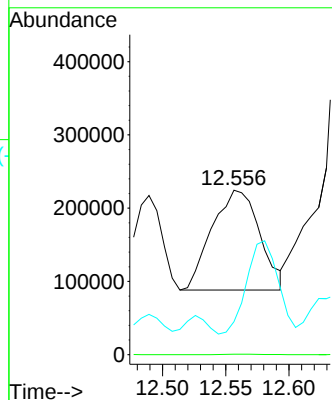
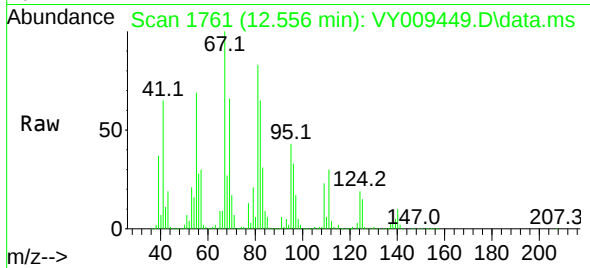




#75
 1,1,2,2-Tetrachloroethane
 Concen: 216.795 ug/l
 RT: 12.556 min Scan# 1761
 Delta R.T. -0.025 min
 Lab File: VY009449.D
 Acq: 06 Jul 2022 13:21

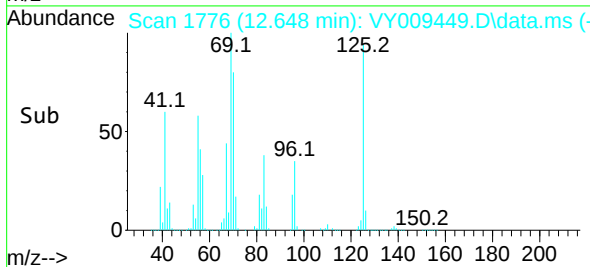
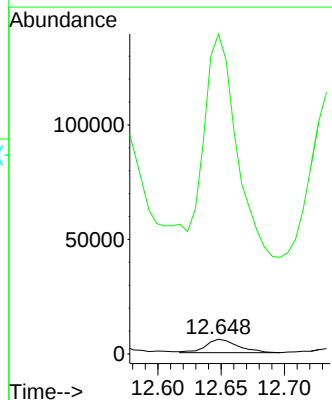
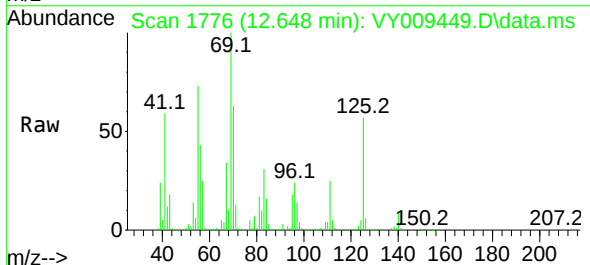
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14B-11-1-GR

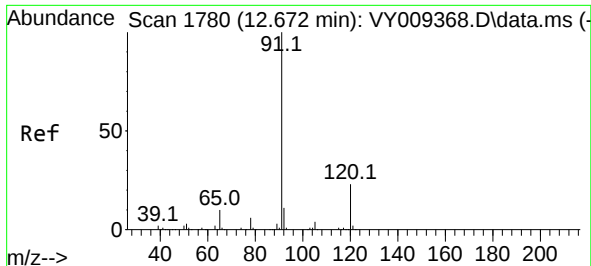
Tgt Ion: 83 Resp: 358012
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.6 16.8#
 85 0.0 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 7.532 ug/l
 RT: 12.648 min Scan# 1776
 Delta R.T. 0.018 min
 Lab File: VY009449.D
 Acq: 06 Jul 2022 13:21

Tgt Ion: 75 Resp: 10180
 Ion Ratio Lower Upper
 75 100
 77 1736.4 0.0 0.0#

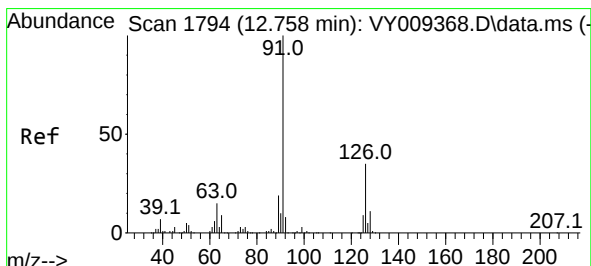
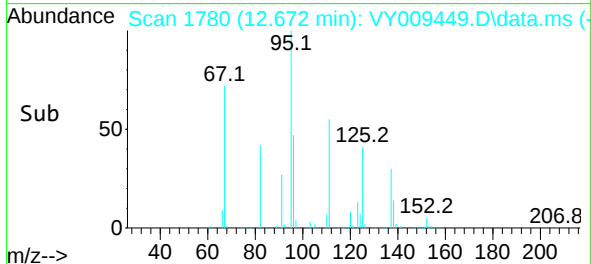
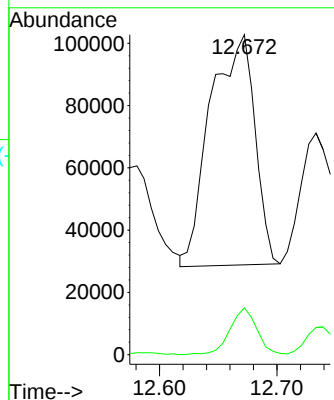
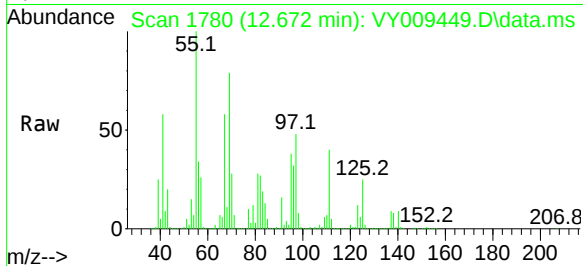




#78
n-propylbenzene
Concen: 18.721 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

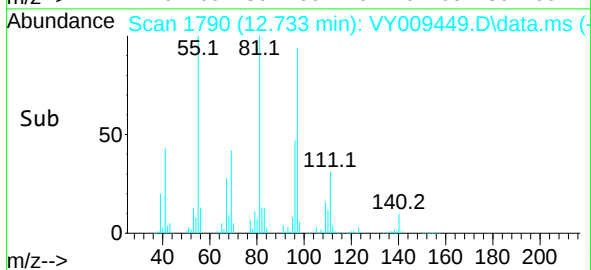
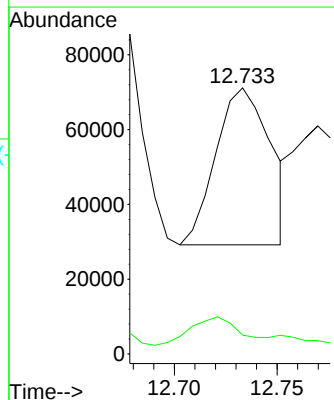
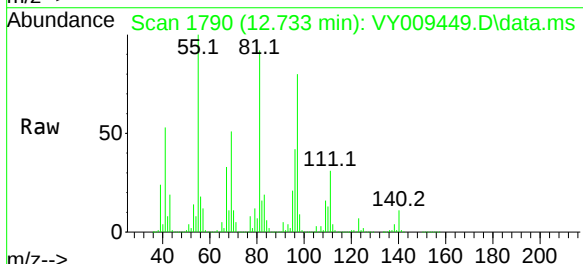
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

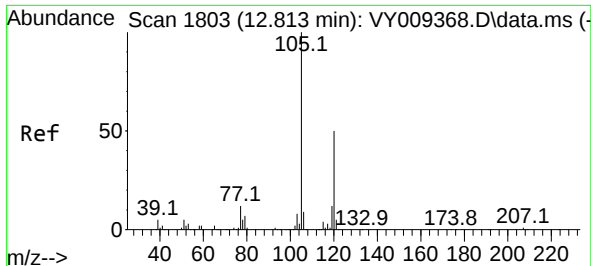
Tgt Ion: 91 Resp: 194147
Ion Ratio Lower Upper
91 100
120 12.3 11.3 33.9



#79
2-Chlorotoluene
Concen: 13.227 ug/l
RT: 12.733 min Scan# 1790
Delta R.T. -0.019 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 91 Resp: 77422
Ion Ratio Lower Upper
91 100
126 16.6 16.9 50.6#

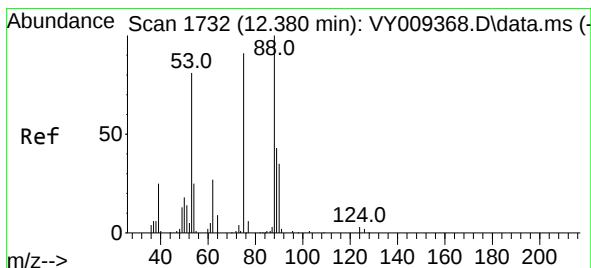
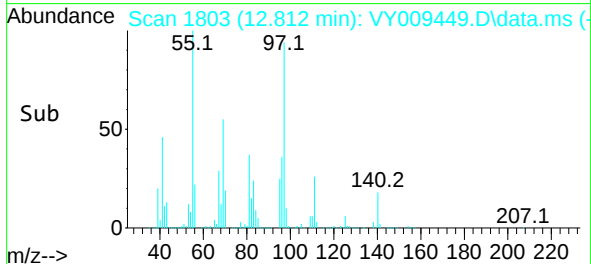
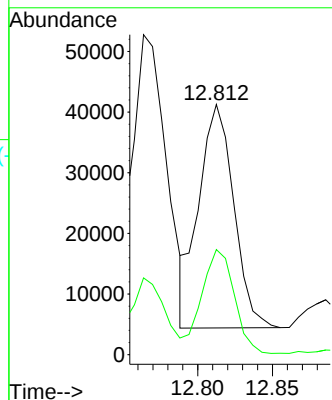
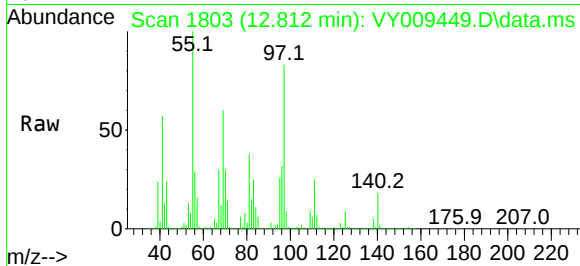




#80
 1,3,5-Trimethylbenzene
 Concen: 8.420 ug/l
 RT: 12.812 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY009449.D
 Acq: 06 Jul 2022 13:21

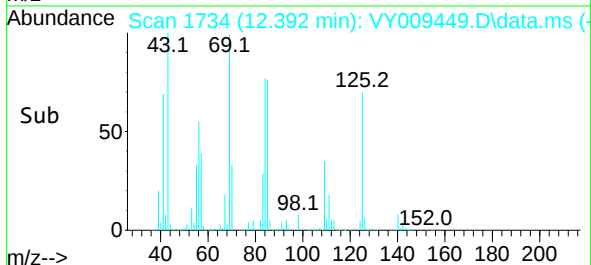
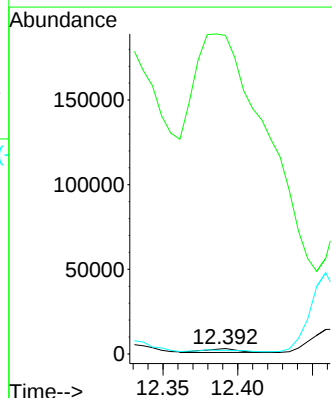
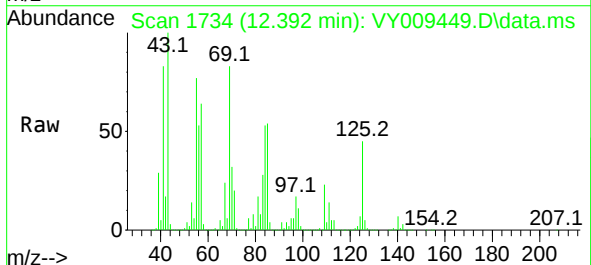
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14B-11-1-GR

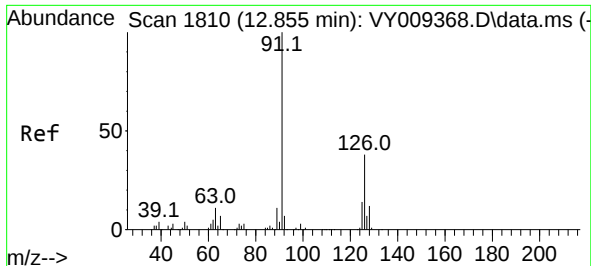
Tgt Ion:105 Resp: 60025
 Ion Ratio Lower Upper
 105 100
 120 43.3 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.970 ug/l
 RT: 12.392 min Scan# 1734
 Delta R.T. 0.018 min
 Lab File: VY009449.D
 Acq: 06 Jul 2022 13:21

Tgt Ion: 75 Resp: 3624
 Ion Ratio Lower Upper
 75 100
 53 12998.3 85.3 127.9#
 89 60.0 37.0 55.4#





#82

4-Chlorotoluene

Concen: 5.084 ug/l

RT: 12.873 min Scan# 1813

Delta R.T. 0.018 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

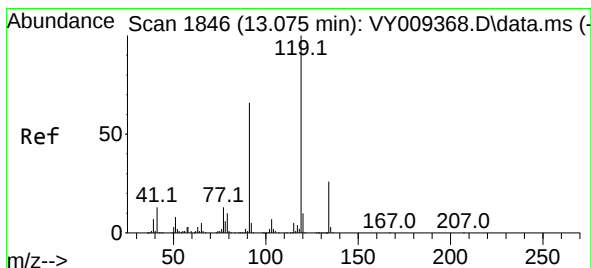
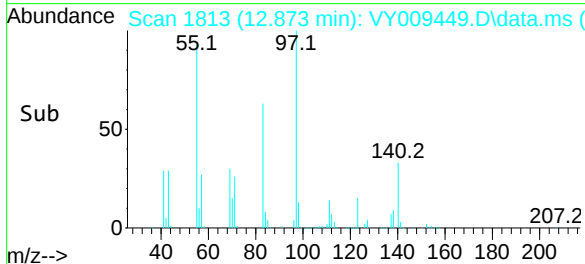
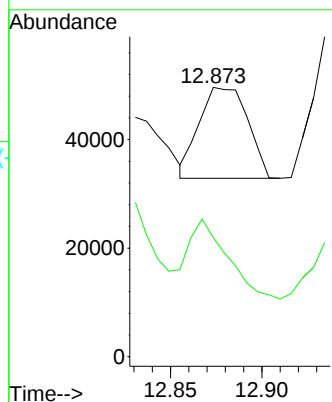
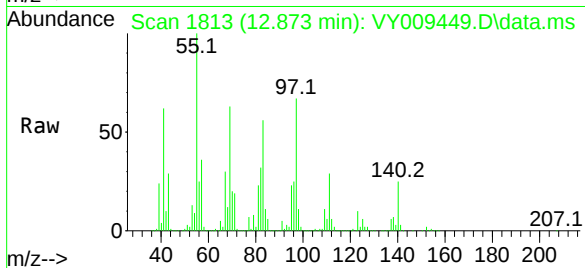
WC-14B-11-1-GR

Tgt Ion: 91 Resp: 30924

Ion Ratio Lower Upper

91 100

126 140.2 17.0 51.0#



#83

tert-Butylbenzene

Concen: 13.140 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

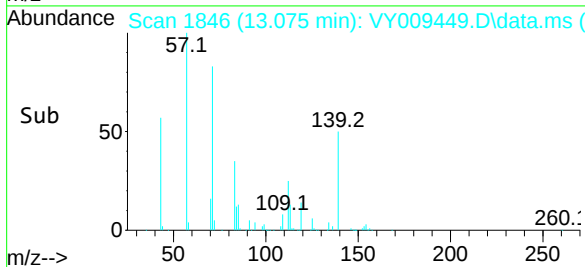
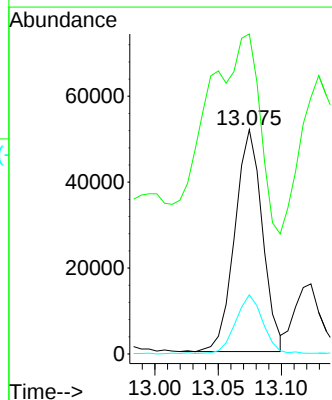
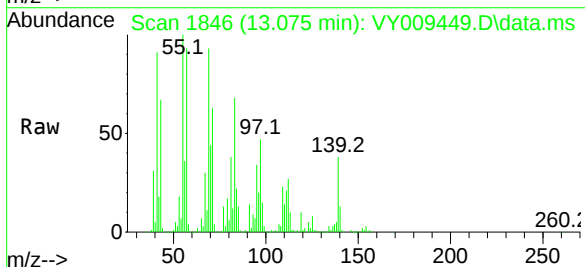
Tgt Ion: 119 Resp: 78707

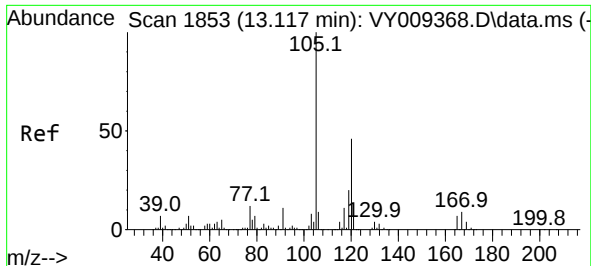
Ion Ratio Lower Upper

119 100

91 168.6 34.8 104.4#

134 25.8 13.3 39.9

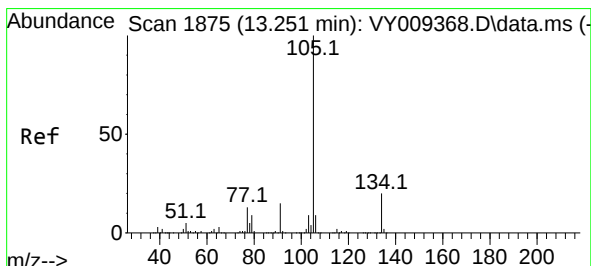
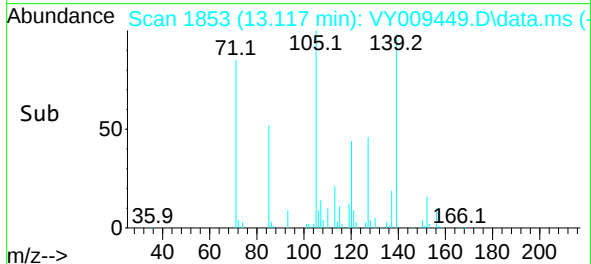
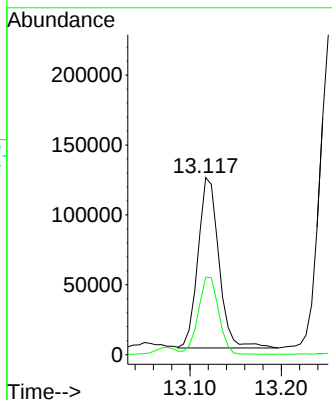
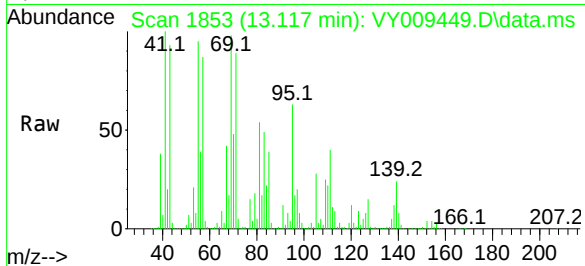




#84
1,2,4-Trimethylbenzene
Concen: 28.591 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

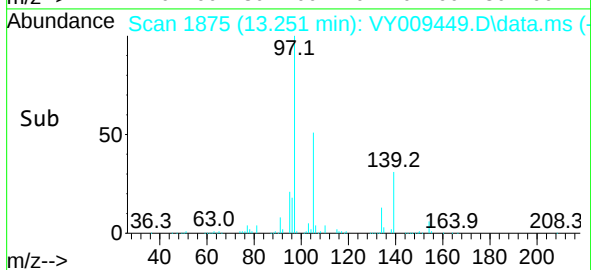
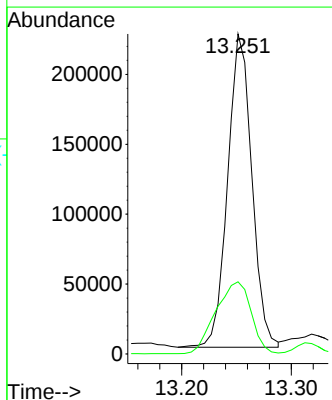
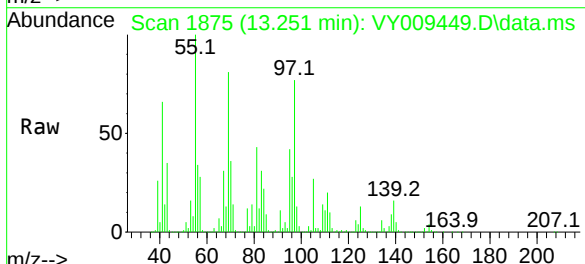
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

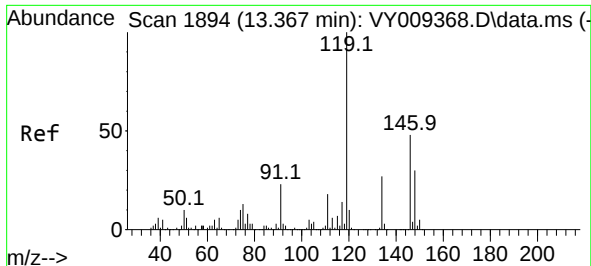
Tgt Ion:105 Resp: 193694
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.9



#85
sec-Butylbenzene
Concen: 38.098 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion:105 Resp: 343703
Ion Ratio Lower Upper
105 100
134 33.5 10.2 30.4#

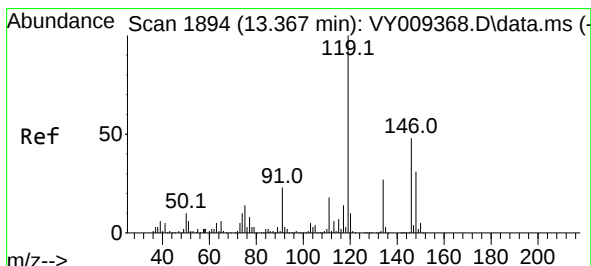
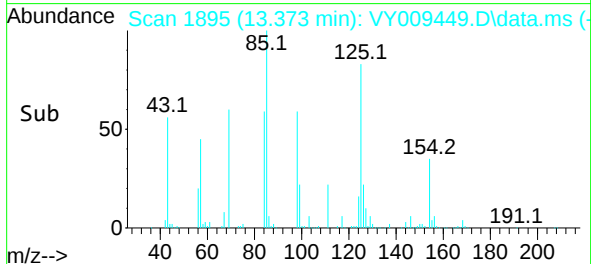
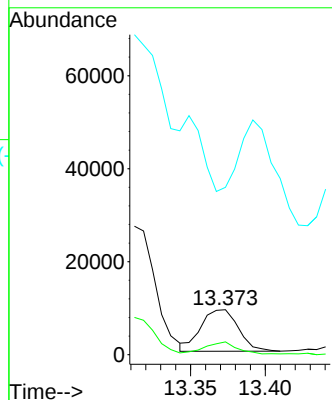
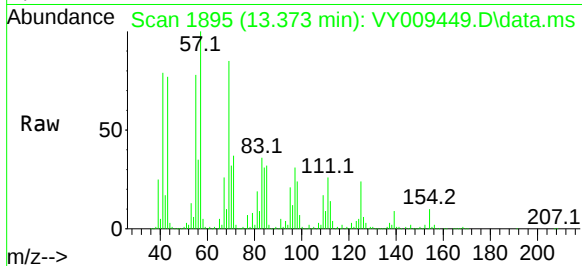




#86
p-Isopropyltoluene
Concen: 2.052 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

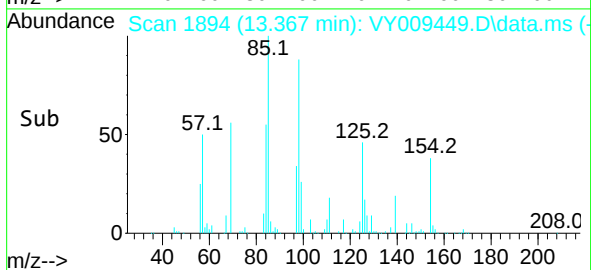
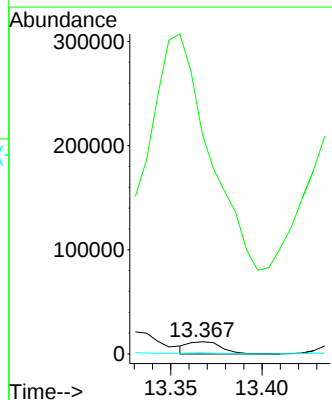
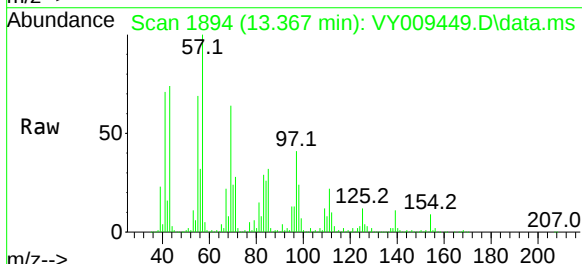
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

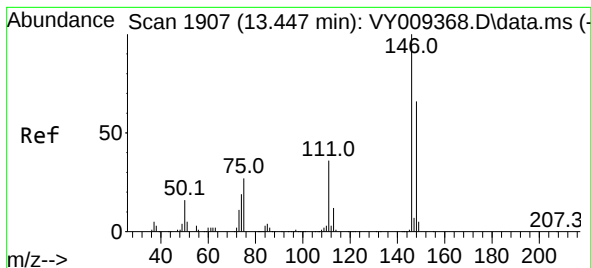
Tgt Ion:119 Resp: 15569
Ion Ratio Lower Upper
119 100
134 0.0 13.2 39.5#
91 258.9 12.4 37.2#



#87
1,3-Dichlorobenzene
Concen: 3.686 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion:146 Resp: 14798
Ion Ratio Lower Upper
146 100
111 3365.2 19.5 58.5#
148 9.6 31.6 95.0#





#88

1,4-Dichlorobenzene

Concen: 6.161 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

Instrument :

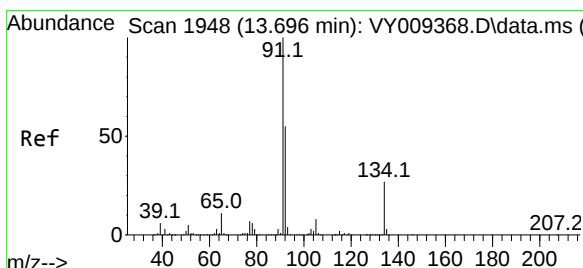
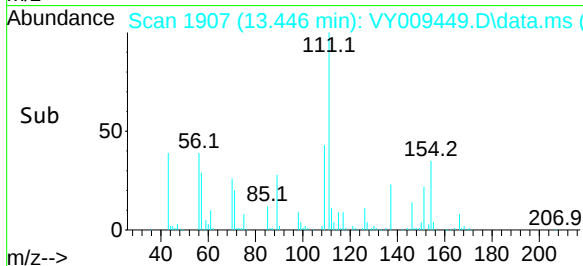
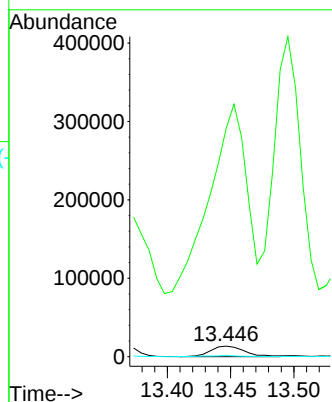
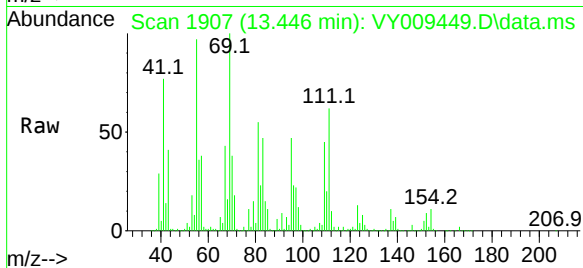
MSVOA_Y

ClientSampleId :

WC-14B-11-1-GR

Tgt Ion:146 Resp: 25454

Ion	Ratio	Lower	Upper
146	100		
111	1905.4	19.3	57.8#
148	10.0	32.6	97.8#



#89

n-Butylbenzene

Concen: 26.038 ug/l

RT: 13.696 min Scan# 1948

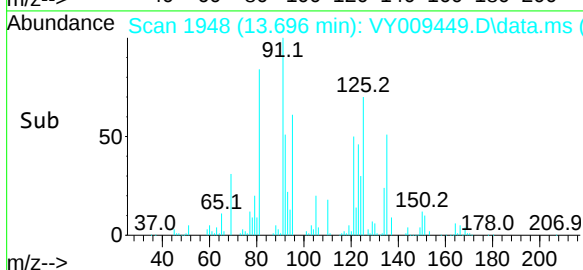
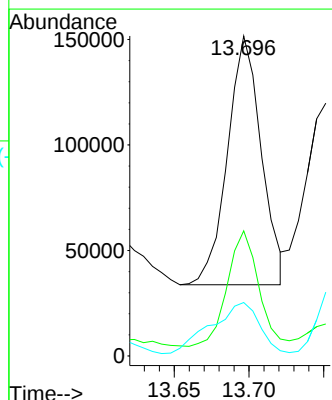
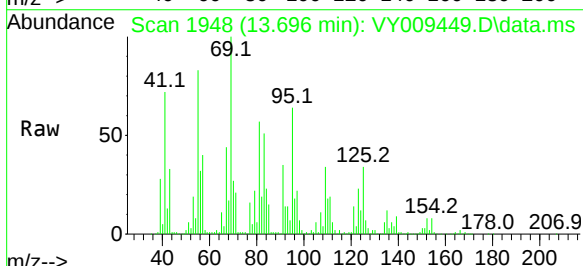
Delta R.T. 0.000 min

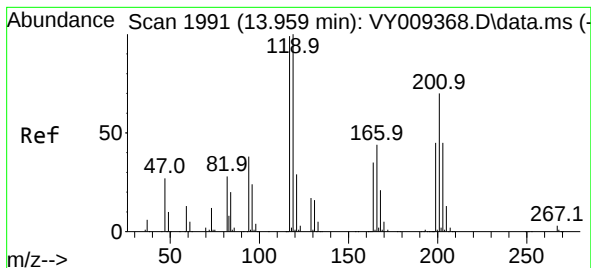
Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

Tgt Ion: 91 Resp: 185602

Ion	Ratio	Lower	Upper
91	100		
92	42.8	26.3	78.9
134	29.2	13.0	38.9





#90

Hexachloroethane

Concen: 14.105 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

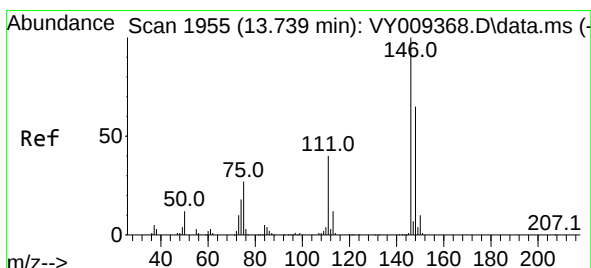
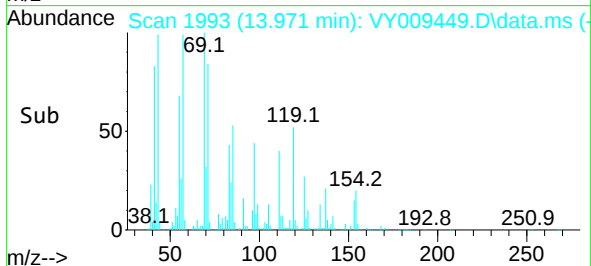
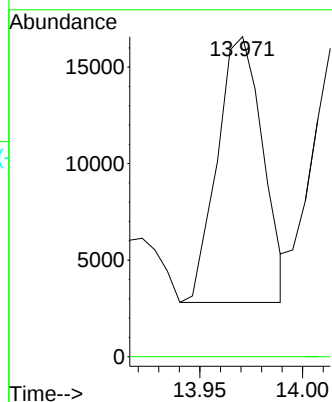
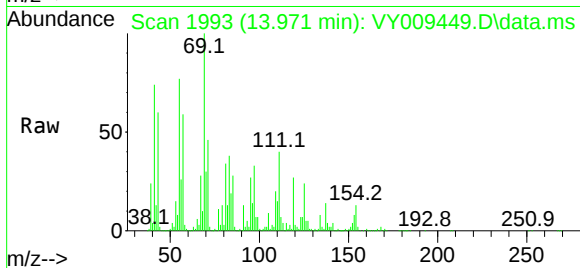
WC-14B-11-1-GR

Tgt Ion:117 Resp: 21215

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#



#91

1,2-Dichlorobenzene

Concen: 1.972 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY009449.D

Acq: 06 Jul 2022 13:21

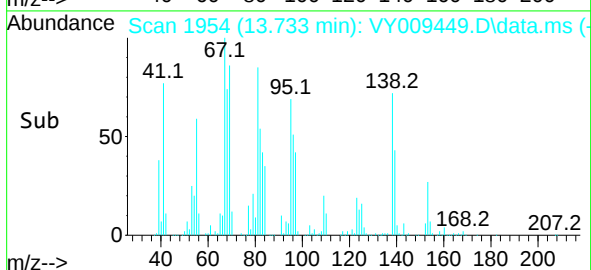
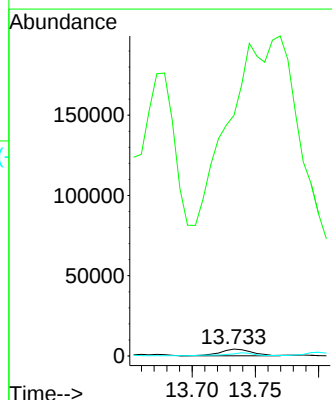
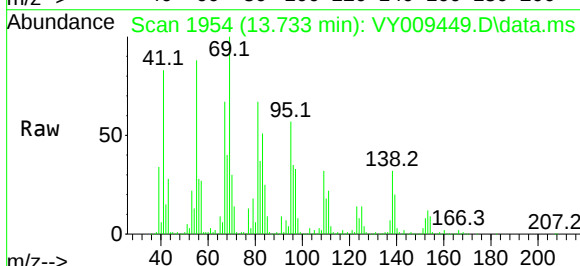
Tgt Ion:146 Resp: 7181

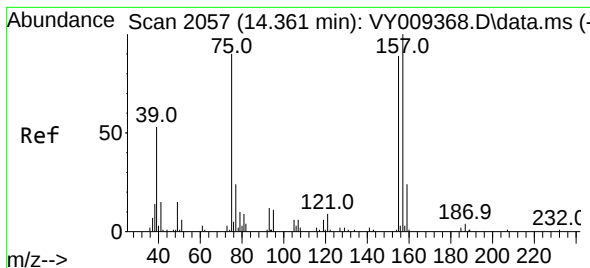
Ion Ratio Lower Upper

146 100

111 0.0 20.3 60.9#

148 37.5 32.3 96.9

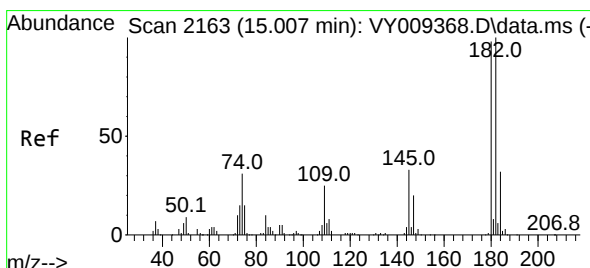
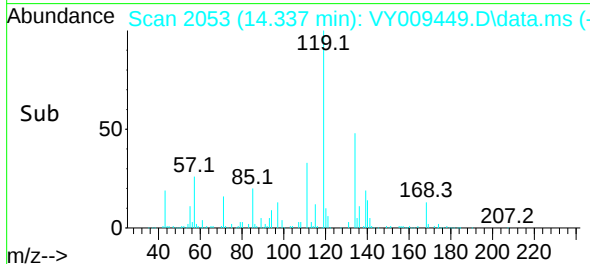
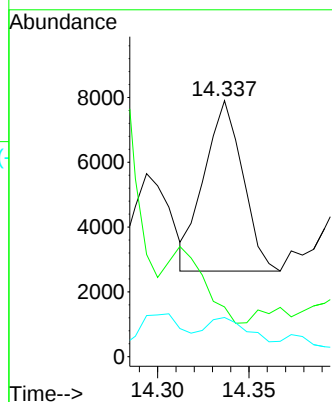
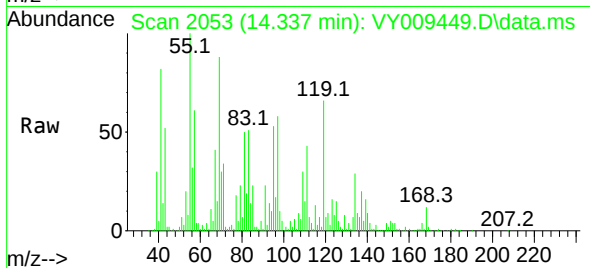




#92
1,2-Dibromo-3-Chloropropane
Concen: 27.959 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

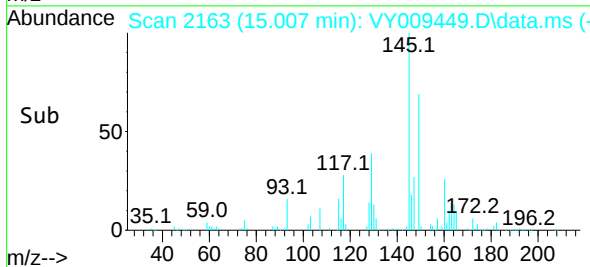
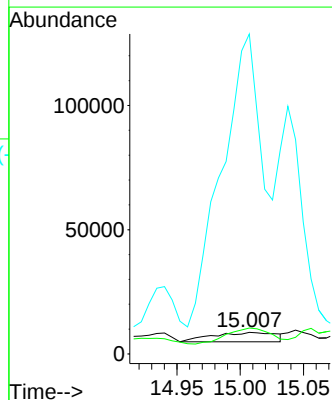
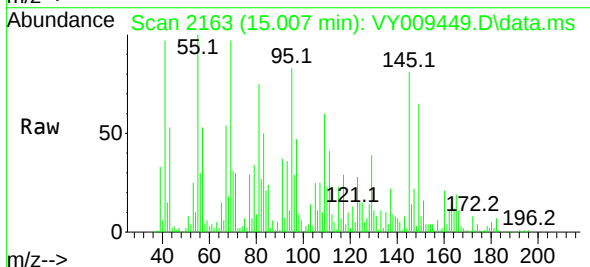
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-11-1-GR

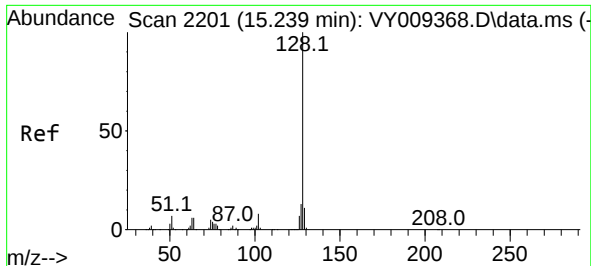
Tgt Ion: 75 Resp: 7738
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 15.8 47.8 143.3#



#93
1,2,4-Trichlorobenzene
Concen: 6.154 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion: 180 Resp: 13302
Ion Ratio Lower Upper
180 100
182 120.0 47.3 141.9
145 2235.9 14.6 43.8#

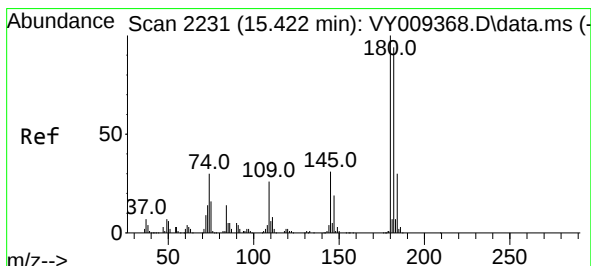
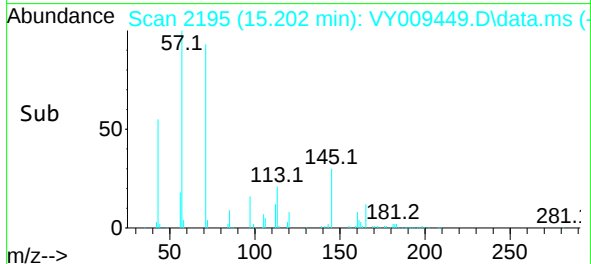
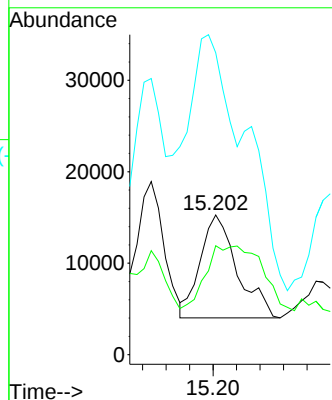
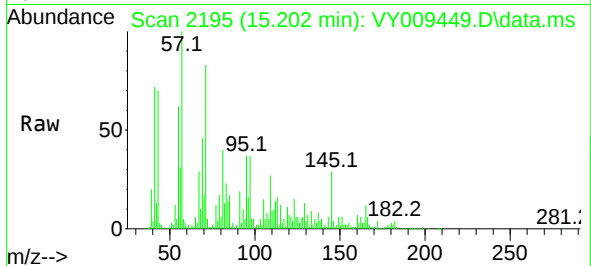




#95
Naphthalene
Concen: 5.673 ug/l
RT: 15.202 min Scan# 2195
Delta R.T. -0.031 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Instrument : MSVOA_Y
ClientSampleId : WC-14B-11-1-GR

Tgt Ion:128 Resp: 24553
Ion Ratio Lower Upper
128 100
127 94.5 11.0 16.4#
129 100.4 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 6.350 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.018 min
Lab File: VY009449.D
Acq: 06 Jul 2022 13:21

Tgt Ion:180 Resp: 11925
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.9#
145 0.0 15.3 45.9#

