

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
 Data File : VY007503.D
 Acq On : 15 Feb 2022 15:07
 Operator : SY/MD
 Sample : N1539-02
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 16 01:40:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.826	168	42084	50.000	ug/l	# 0.03
34) 1,4-Difluorobenzene	8.704	114	96631	50.000	ug/l	# 0.01
63) Chlorobenzene-d5	11.508	117	106406	50.000	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	13.434	152	8178	50.000	ug/l	# 0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	30204	65.007	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.020%	
35) Dibromofluoromethane	7.734	113	41446	68.013	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.020%	
50) Toluene-d8	10.228	98	348389	150.524	ug/l	0.04
Spiked Amount	50.000	Range	49 - 140	Recovery	= 301.040%#	
62) 4-Bromofluorobenzene	12.496	95	105339	134.225	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 268.440%#	

Target Compounds			Qvalue			
3) Chloromethane	2.113	50	375	Below Cal	#	44
5) Bromomethane	2.680	94	199	Below Cal	#	18
11) Tert butyl alcohol	4.972	59	55	1.513	ug/l	# 77
13) Acrolein	3.711	56	27323	748.606	ug/l	# 1
14) Allyl chloride	4.601	41	174719	272.039	ug/l	# 73
15) Acrylonitrile	5.271	53	343758	3034.589	ug/l	# 39
16) Acetone	3.960	43	424710	3445.318	ug/l	# 59
18) Methyl Acetate	4.582	43	100436	Below Cal	#	56
19) Methyl tert-butyl Ether	5.265	73	2309	1.822	ug/l	# 1
20) Methylene Chloride	4.607	84	72502	143.500	ug/l	# 9
23) Vinyl Acetate	6.058	43	279009	323.880	ug/l	# 78
24) 1,1-Dichloroethane	6.058	63	14876	17.628	ug/l	# 82
25) 2-Butanone	7.003	43	126480	828.673	ug/l	# 55
26) 2,2-Dichloropropane	6.820	77	64531	76.312	ug/l	# 55
28) Bromochloromethane	7.545	49	30588	94.572	ug/l	# 16
29) Tetrahydrofuran	7.375	42	12001	133.988	ug/l	# 38
30) Chloroform	7.496	83	620051	680.641	ug/l	# 20
31) Cyclohexane	7.807	56	3851459	4687.407	ug/l	# 62
32) 1,1,1-Trichloroethane	7.667	97	4530	5.222	ug/l	# 1
36) 1,1-Dichloropropene	8.039	75	3760	3.808	ug/l	# 1
37) Ethyl Acetate	7.003	43	126480	283.540	ug/l	# 72
38) Carbon Tetrachloride	7.826	117	5873	5.235	ug/l	# 11
39) Methylcyclohexane	9.210	83	5437340	4241.910	ug/l	# 83
40) Benzene	8.179	78	147977	54.511	ug/l	# 93
41) Methacrylonitrile	7.375	41	121317	418.935	ug/l	# 60
42) 1,2-Dichloroethane	8.313	62	23791	28.680	ug/l	# 1
43) Isopropyl Acetate	8.374	43	6499575	7173.828	ug/l	# 57
45) 1,2-Dichloropropane	9.210	63	218795	338.980	ug/l	# 1
46) Dibromomethane	9.289	93	18834	46.990	ug/l	# 3
47) Bromodichloromethane	9.502	83	758134	778.887	ug/l	# 47
48) Methyl methacrylate	9.392	41	2046370	5096.875	ug/l	# 60
49) 1,4-Dioxane	9.289	88	72	16.687	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.014	43	8173405	18165.082	ug/l	# 45
53) t-1,3-Dichloropropene	10.289	75	824432	811.224	ug/l	# 1
54) cis-1,3-Dichloropropene	10.094	75	3796	3.347	ug/l	# 1
55) 1,1,2-Trichloroethane	10.648	97	2575118	4844.033	ug/l	# 22

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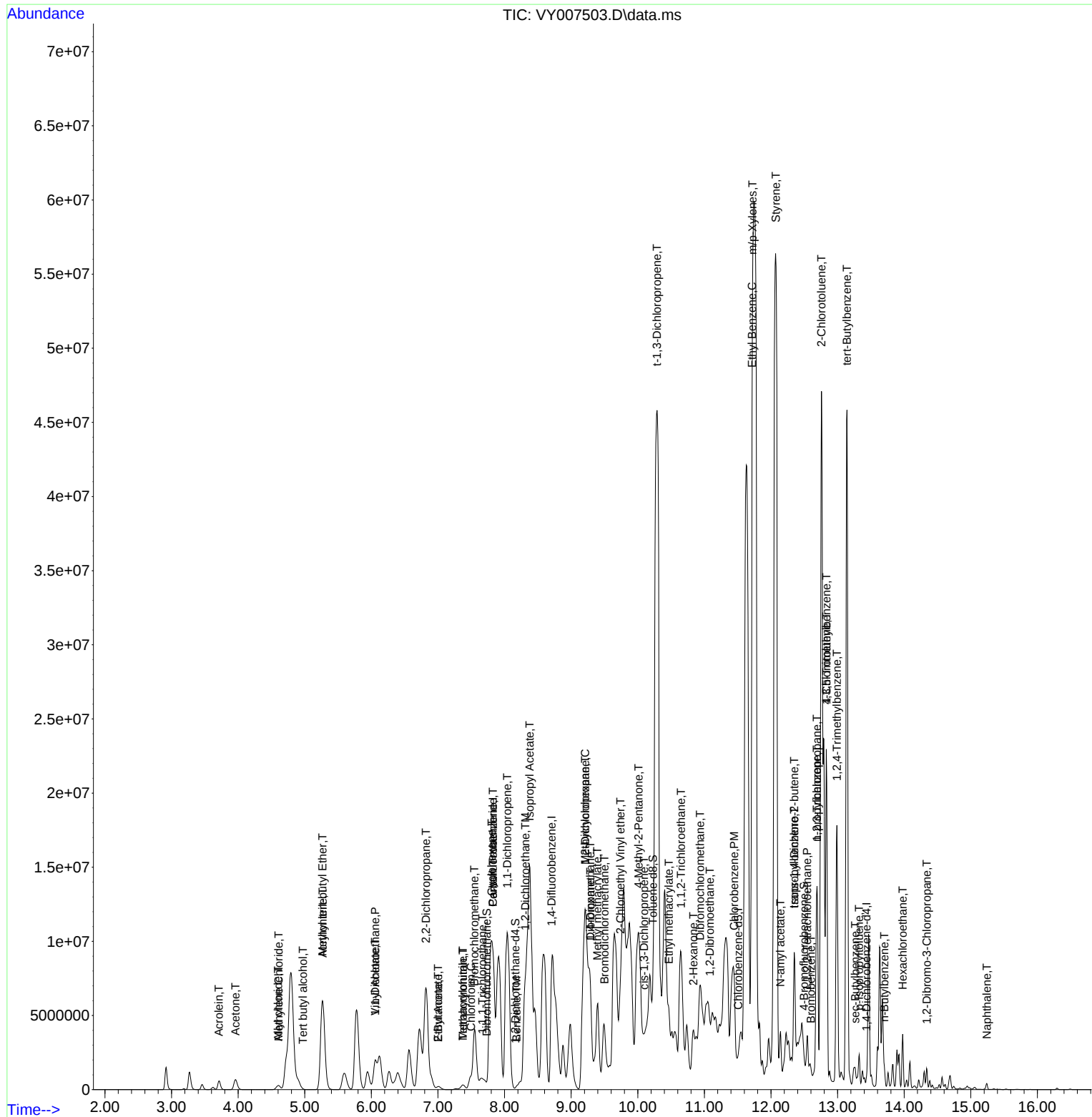
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	10.465	69	1379973	1930.383	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.740	63	106895	286.973	ug/l #	48
59) 2-Hexanone	10.837	43	1883370	5797.726	ug/l #	34
60) Dibromochloromethane	10.935	129	15797	23.565	ug/l #	11
61) 1,2-Dibromoethane	11.081	107	10102	19.059	ug/l #	1
65) Chlorobenzene	11.447	112	36518	15.669	ug/l #	56
67) Ethyl Benzene	11.715	91	2961731	679.014	ug/l #	1
68) m/p-Xylenes	11.721	106	3386716	2051.646	ug/l #	22
70) Styrene	12.075	104	2397479	933.533	ug/l #	1
73) Isopropylbenzene	12.349	105	5627819	7767.751	ug/l	99
74) N-amyl acetate	12.142	43	763093	4652.416	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.544	83	82587	665.505	ug/l #	90
76) 1,2,3-Trichloropropane	12.691	75	129161	1366.894	ug/l #	100
77) Bromobenzene	12.599	156	1336	8.587	ug/l #	1
78) n-propylbenzene	12.691	91	12611708	14465.865	ug/l	99
79) 2-Chlorotoluene	12.758	91	7945224	16530.881	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.831	105	10403351	17335.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.349	75	91211	2006.266	ug/l #	29
82) 4-Chlorotoluene	12.831	91	1663916	3377.040	ug/l #	41
83) tert-Butylbenzene	13.142	119	4397313	8383.519	ug/l #	62
84) 1,2,4-Trimethylbenzene	12.989	105	10870250	18681.013	ug/l	79
85) sec-Butylbenzene	13.264	105	612589	792.295	ug/l #	52
86) p-Isopropyltoluene	13.325	119	881691	1384.429	ug/l	97
89) n-Butylbenzene	13.703	91	503235	830.924	ug/l #	61
90) Hexachloroethane	13.977	117	170561	1401.550	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.337	75	5443	258.345	ug/l #	6
95) Naphthalene	15.239	128	320593	921.411	ug/l	99

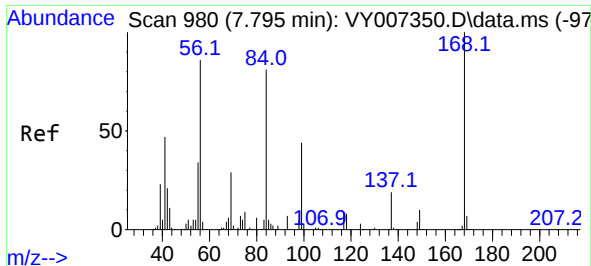
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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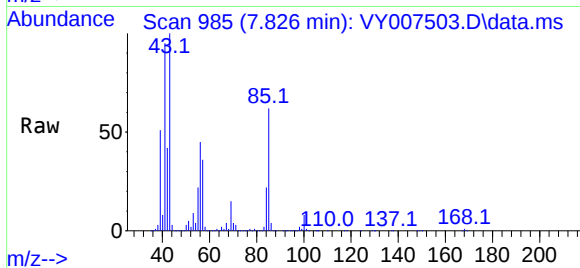
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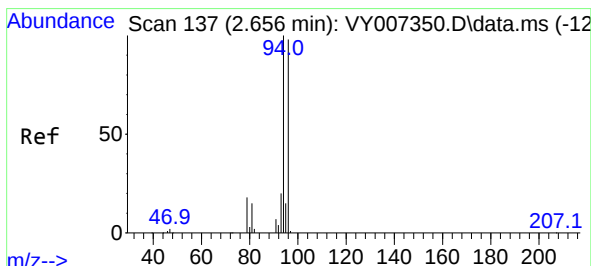
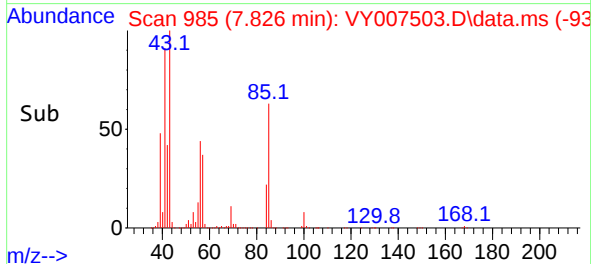
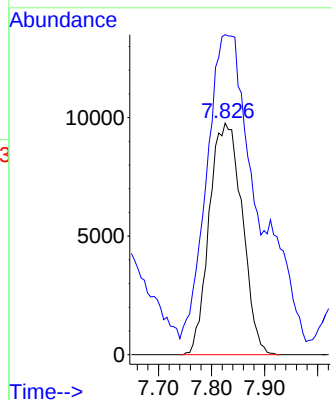


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.031 min
Lab File: VY007503.D
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Instrument :
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ClientSampleId :

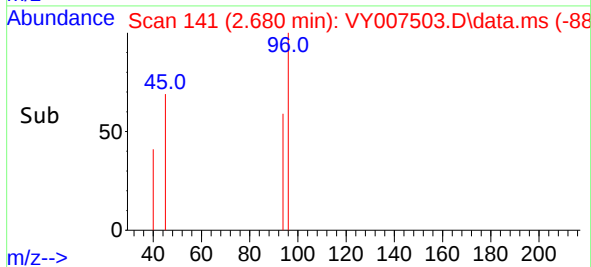
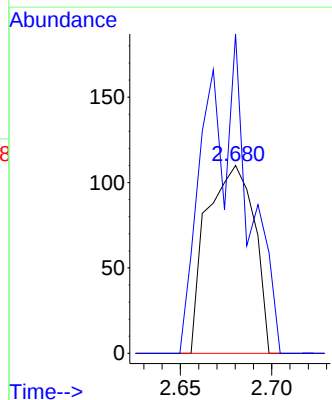
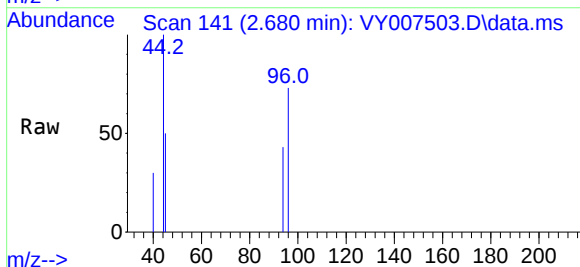


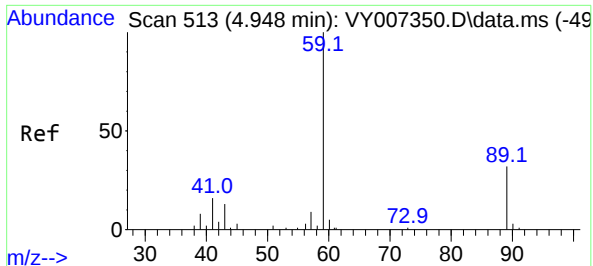
Tgt Ion:168 Resp: 42084
Ion Ratio Lower Upper
168 100
99 131.3 46.9 70.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.680 min Scan# 141
Delta R.T. 0.024 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion: 94 Resp: 199
Ion Ratio Lower Upper
94 100
96 170.0 73.5 110.3#





#11

Tert butyl alcohol

Concen: 1.513 ug/l

RT: 4.972 min Scan# 51

Delta R.T. 0.024 min

Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

Instrument :

MSVOA_Y

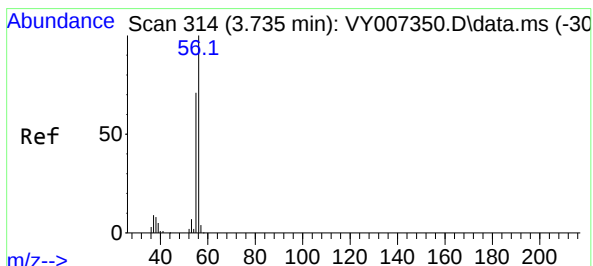
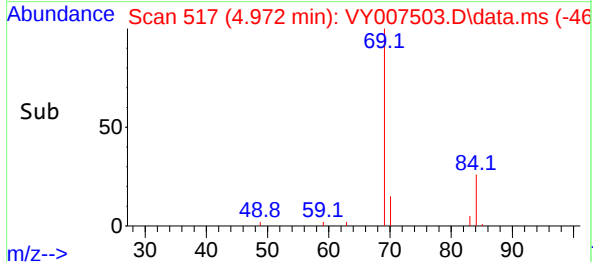
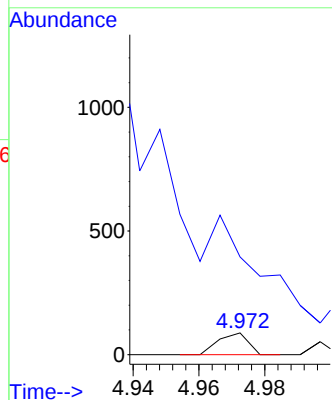
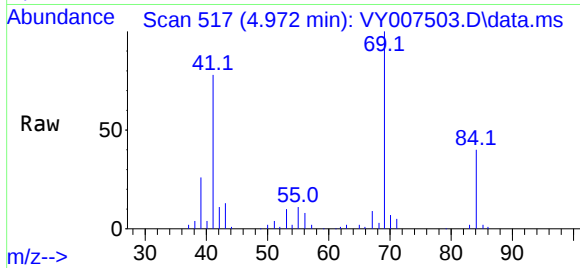
ClientSampleId :

Tgt Ion: 59 Resp: 55

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#13

Acrolein

Concen: 748.606 ug/l

RT: 3.711 min Scan# 310

Delta R.T. -0.024 min

Lab File: VY007503.D

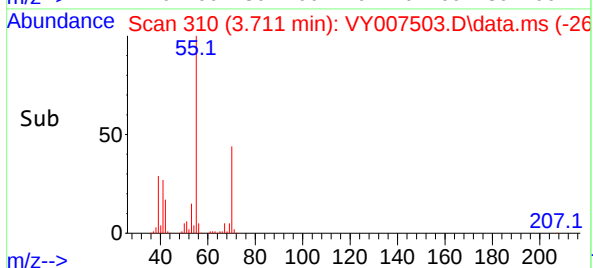
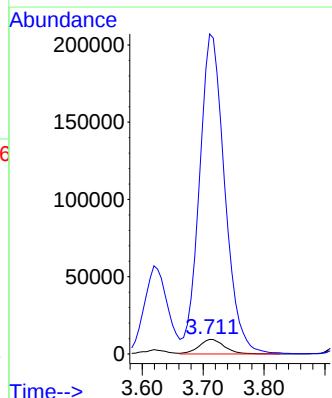
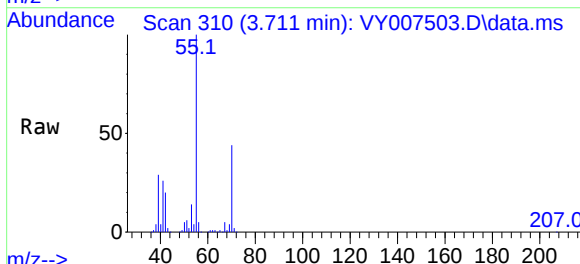
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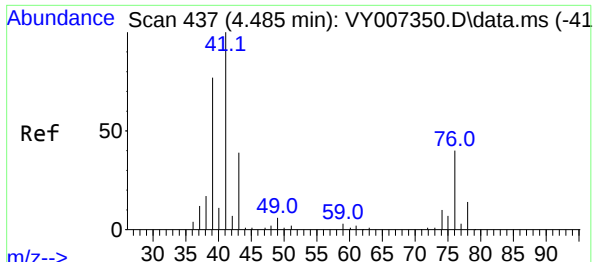
Tgt Ion: 56 Resp: 27323

Ion Ratio Lower Upper

56 100

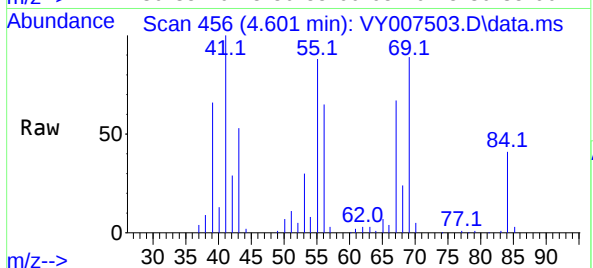
55 2188.6 57.6 86.4#



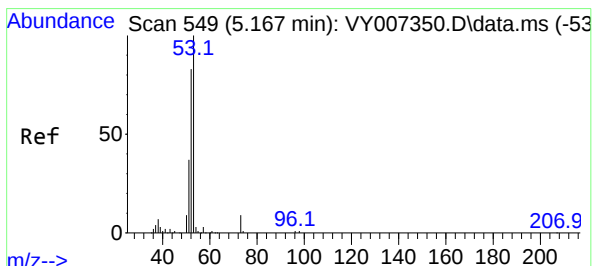
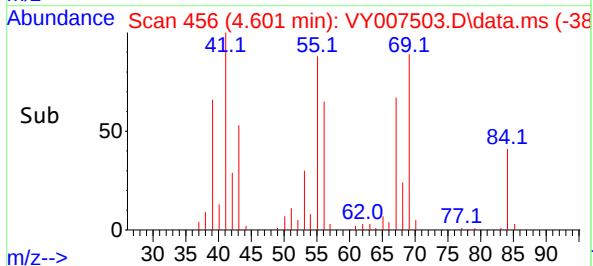
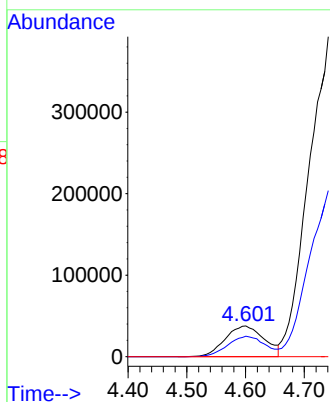


#14
 Allyl chloride
 Concen: 272.039 ug/l
 RT: 4.601 min Scan# 41
 Delta R.T. 0.116 min
 Lab File: VY007503.D
 Acq: 15 Feb 2022 15:07

Instrument :
 MSVOA_Y
 ClientSampleId :

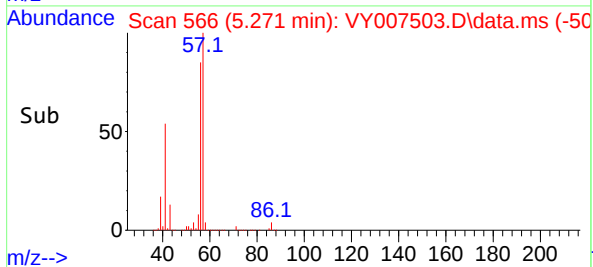
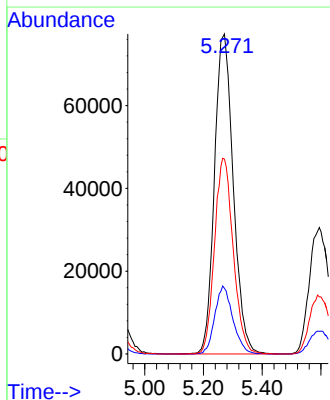
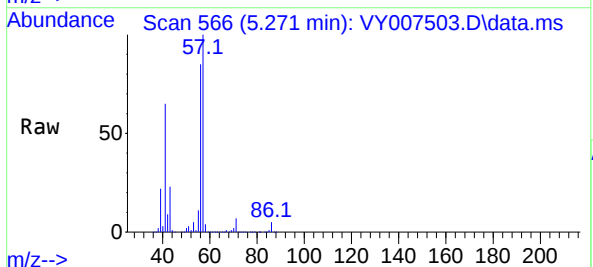


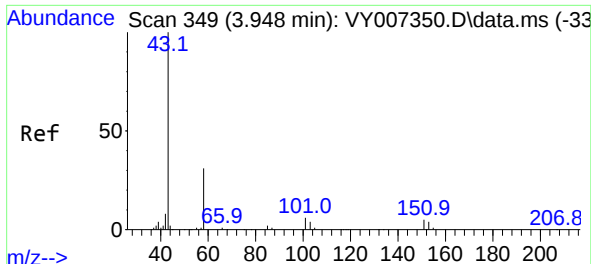
Tgt Ion: 41 Resp: 174719
 Ion Ratio Lower Upper
 41 100
 39 62.0 58.8 88.2
 76 0.0 25.1 37.7#



#15
 Acrylonitrile
 Concen: 3034.589 ug/l
 RT: 5.271 min Scan# 566
 Delta R.T. 0.104 min
 Lab File: VY007503.D
 Acq: 15 Feb 2022 15:07

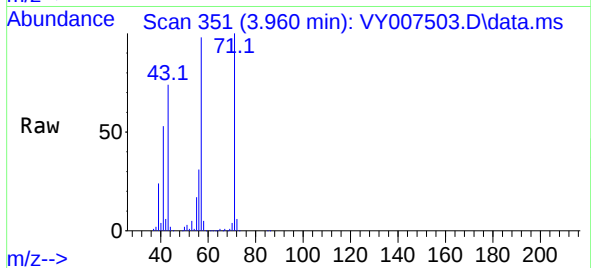
Tgt Ion: 53 Resp: 343758
 Ion Ratio Lower Upper
 53 100
 52 20.3 67.0 100.4#
 51 60.8 29.8 44.6#



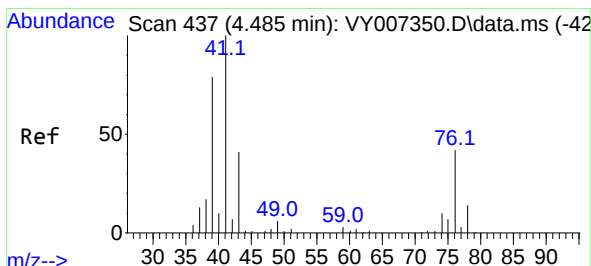
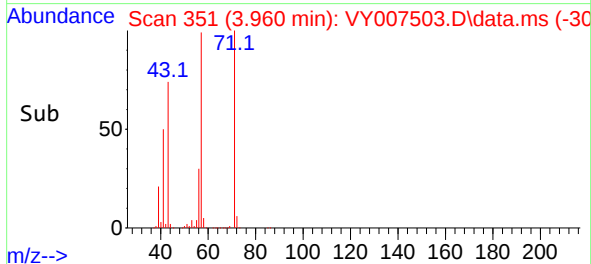
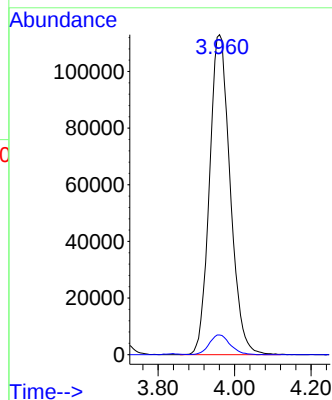


#16
Acetone
Concen: 3445.318 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Instrument :
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ClientSampleId :

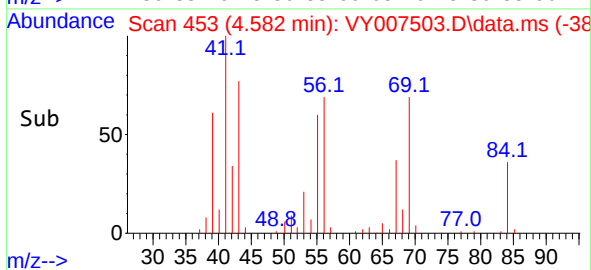
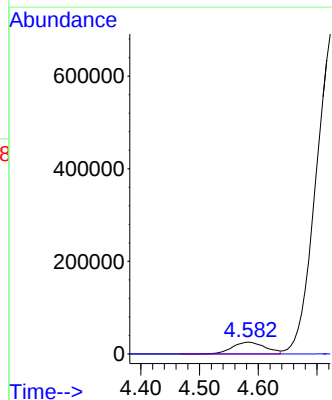
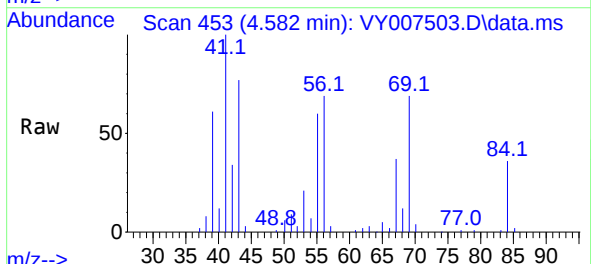


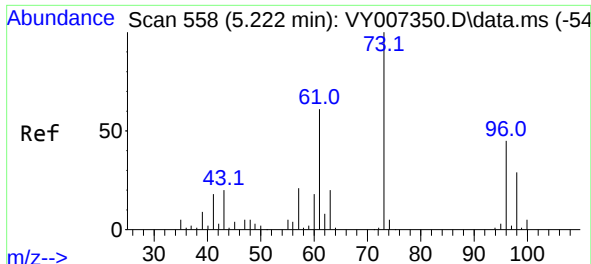
Tgt Ion: 43 Resp: 424710
Ion Ratio Lower Upper
43 100
58 6.2 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.582 min Scan# 453
Delta R.T. 0.097 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

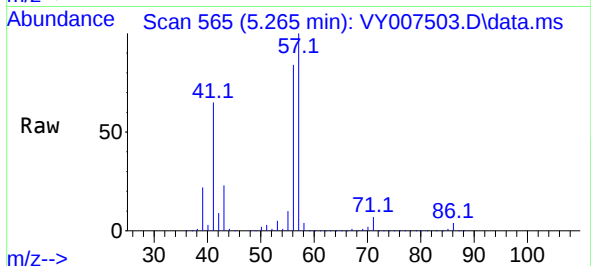
Tgt Ion: 43 Resp: 100436
Ion Ratio Lower Upper
43 100
74 0.2 16.6 24.8#



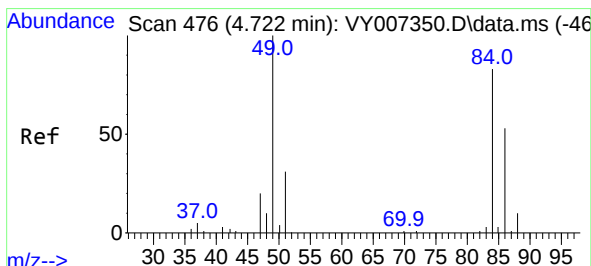
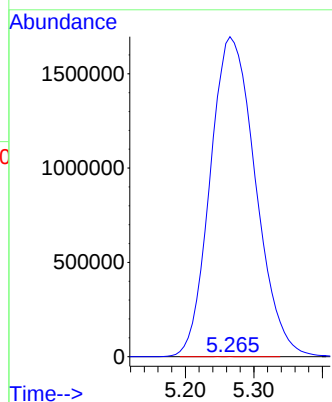
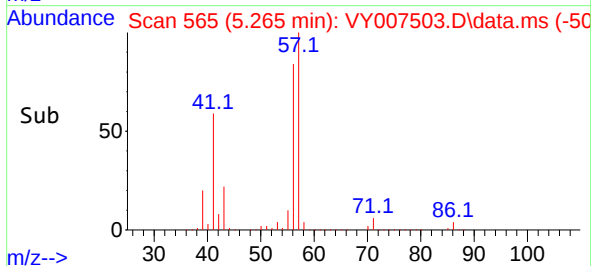


#19
Methyl tert-butyl Ether
Concen: 1.822 ug/l
RT: 5.265 min Scan# 50
Delta R.T. 0.043 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

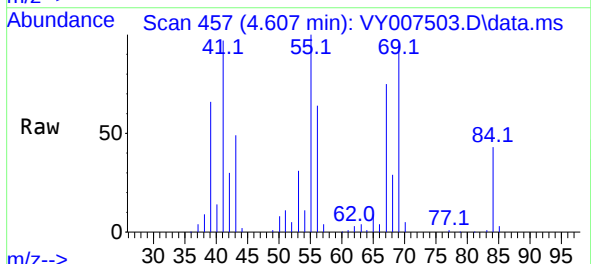
Instrument :
MSVOA_Y
ClientSampleId :



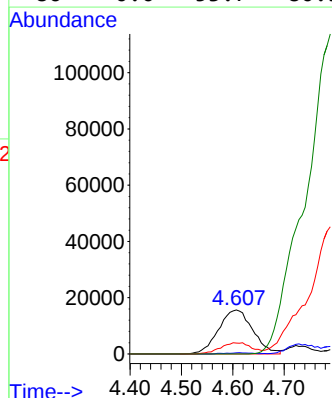
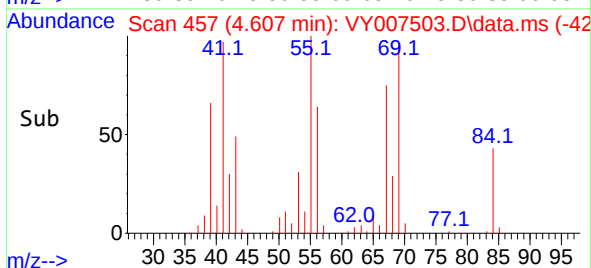
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Ion Ratio Lower Upper
73 100
57 282532.7 18.6 27.8#

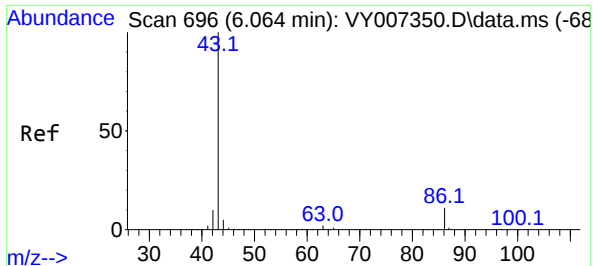


#20
Methylene Chloride
Concen: 143.500 ug/l
RT: 4.607 min Scan# 457
Delta R.T. -0.115 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07



Tgt Ion: 84 Resp: 72502
Ion Ratio Lower Upper
84 100
49 2.4 114.4 171.6#
51 24.8 35.3 52.9#
86 0.0 53.7 80.5#

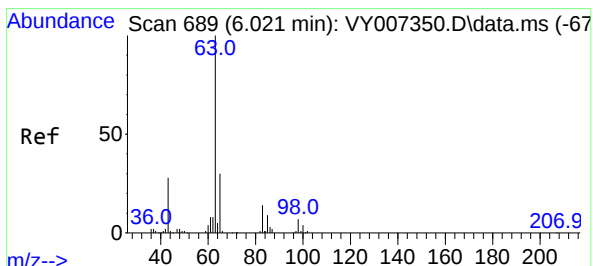
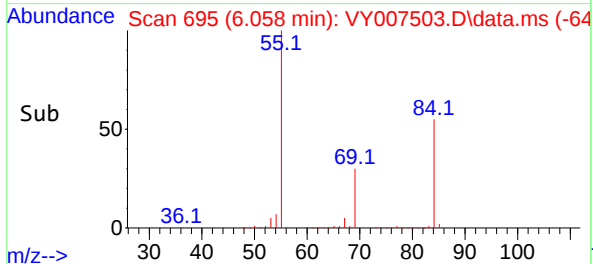
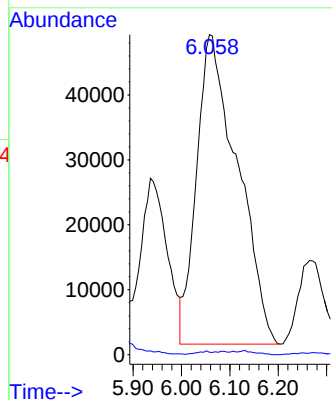
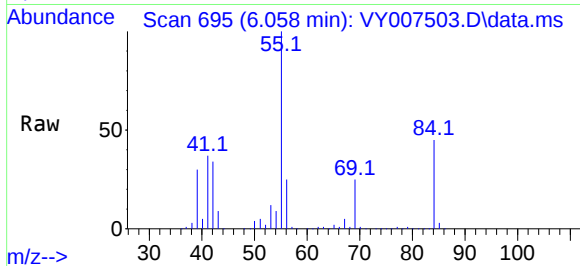




#23
 Vinyl Acetate
 Concen: 323.880 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY007503.D
 Acq: 15 Feb 2022 15:07

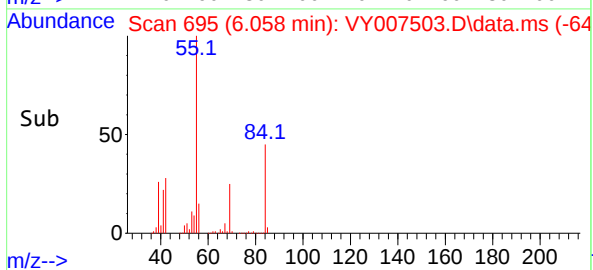
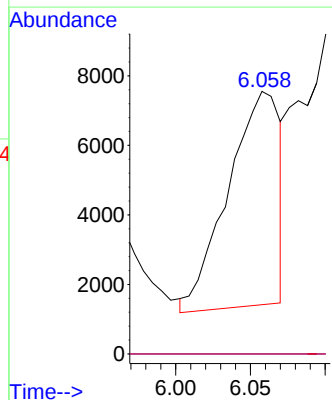
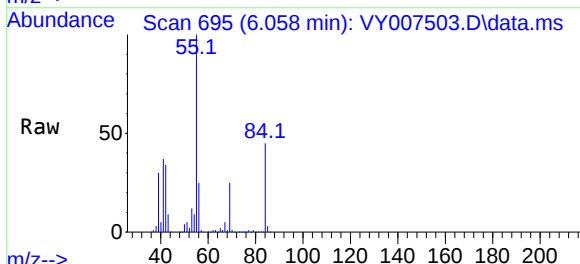
Instrument :
 MSVOA_Y
 ClientSampleId :

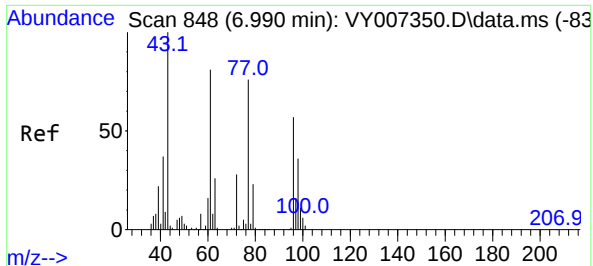
Tgt Ion: 43 Resp: 279009
 Ion Ratio Lower Upper
 43 100
 86 0.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 17.628 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.037 min
 Lab File: VY007503.D
 Acq: 15 Feb 2022 15:07

Tgt Ion: 63 Resp: 14876
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.0 5.8#





#25

2-Butanone

Concen: 828.673 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

Instrument :

MSVOA_Y

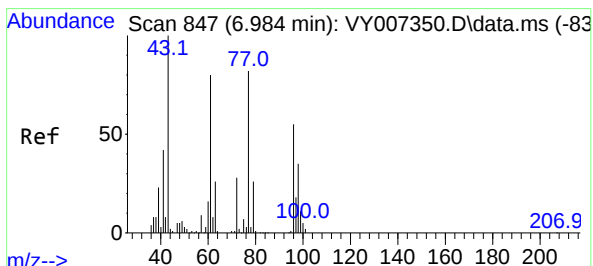
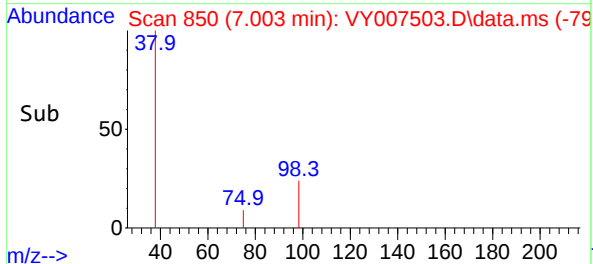
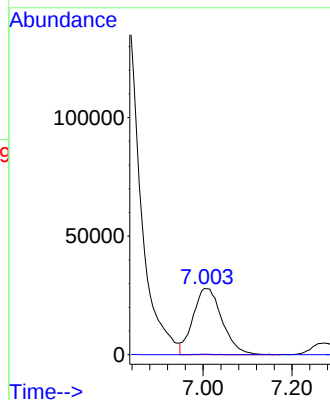
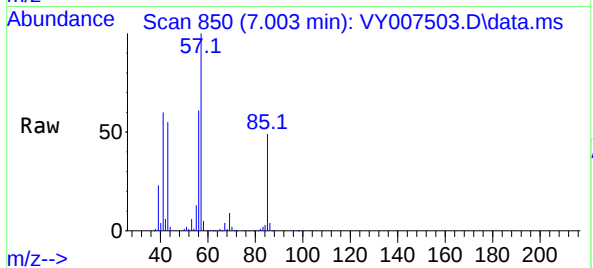
ClientSampleId :

Tgt Ion: 43 Resp: 126480

Ion Ratio Lower Upper

43 100

72 0.7 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 76.312 ug/l

RT: 6.820 min Scan# 820

Delta R.T. -0.164 min

Lab File: VY007503.D

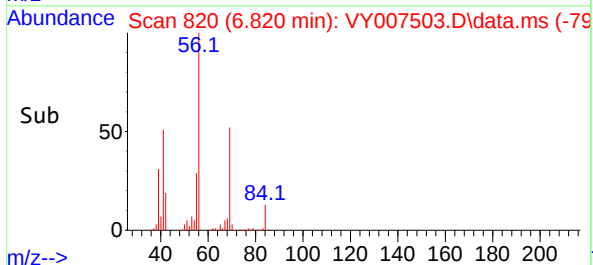
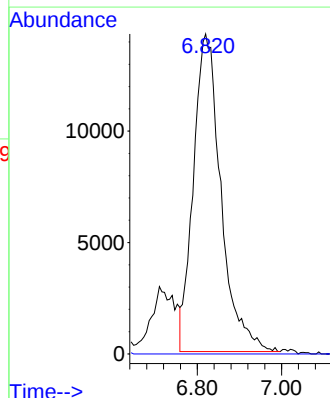
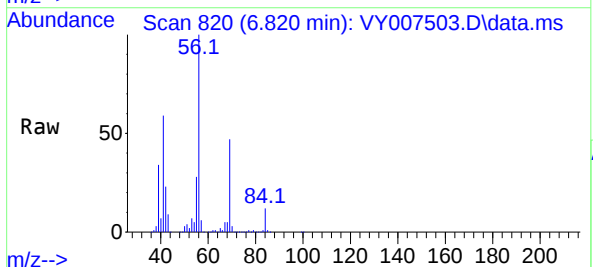
Acq: 15 Feb 2022 15:07

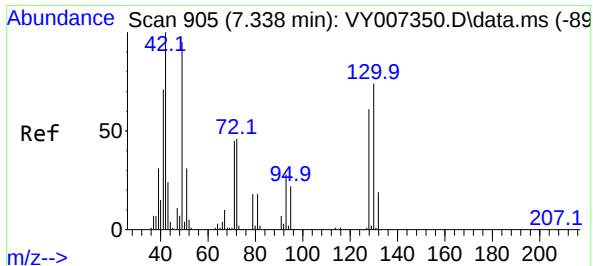
Tgt Ion: 77 Resp: 64531

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#





#28

Bromochloromethane

Concen: 94.572 ug/l

RT: 7.545 min Scan# 911

Delta R.T. 0.207 min

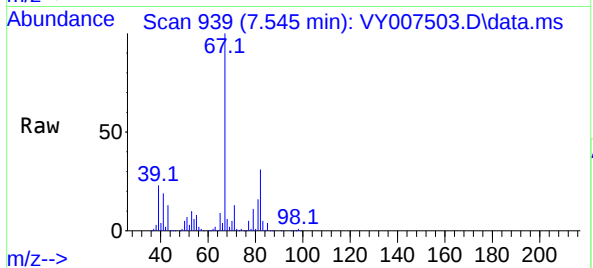
Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :



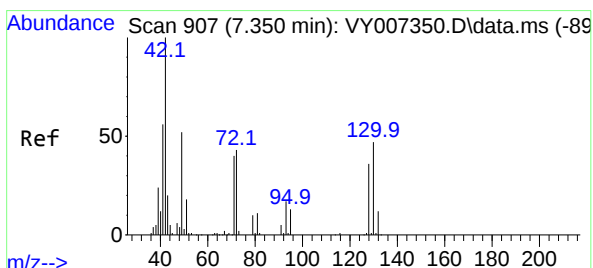
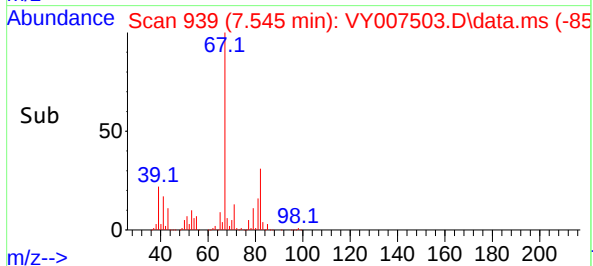
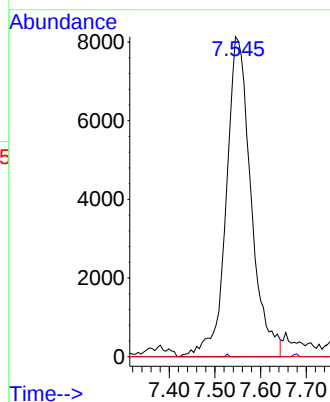
Tgt Ion: 49 Resp: 30588

Ion Ratio Lower Upper

49 100

129 0.1 0.0 2.2

130 0.0 55.4 83.0#



#29

Tetrahydrofuran

Concen: 133.988 ug/l

RT: 7.375 min Scan# 911

Delta R.T. 0.025 min

Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

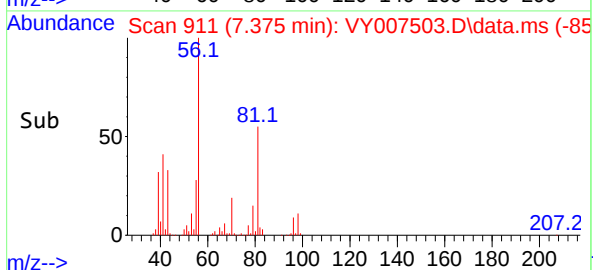
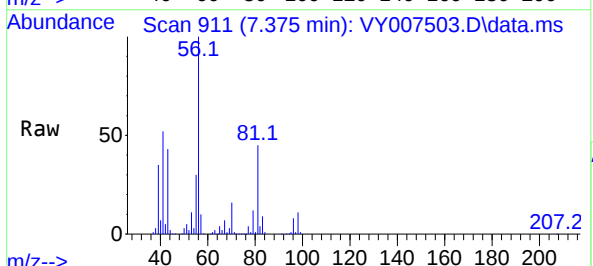
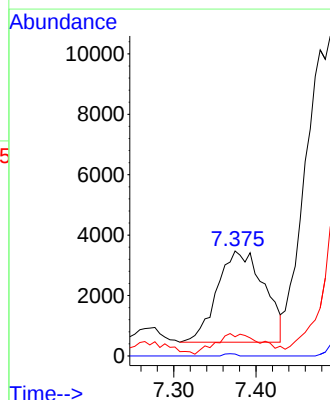
Tgt Ion: 42 Resp: 12001

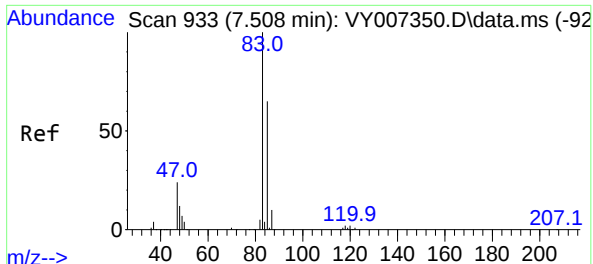
Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#





#30

Chloroform

Concen: 680.641 ug/l

RT: 7.496 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

Instrument :

MSVOA_Y

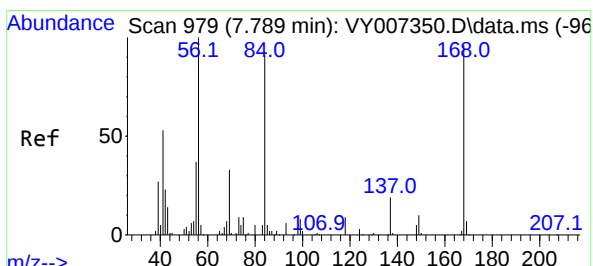
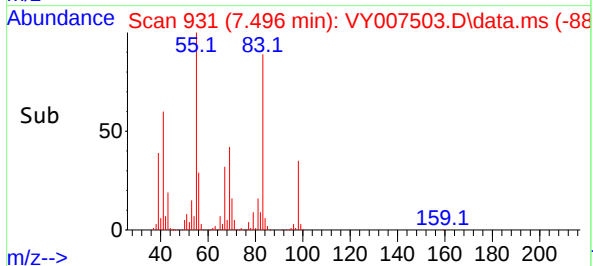
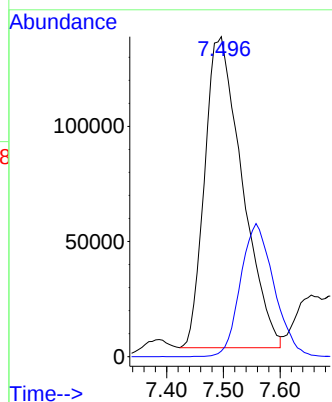
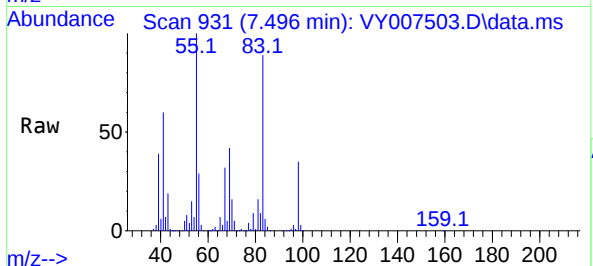
ClientSampleId :

Tgt Ion: 83 Resp: 620051

Ion Ratio Lower Upper

83 100

85 1.8 51.8 77.6#



#31

Cyclohexane

Concen: 4687.407 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.018 min

Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

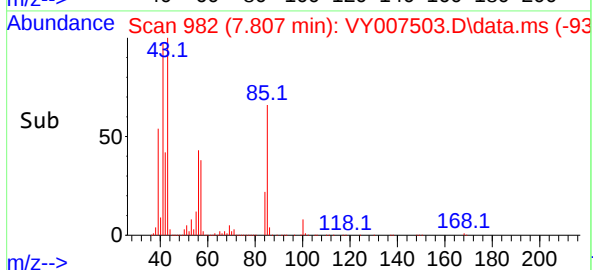
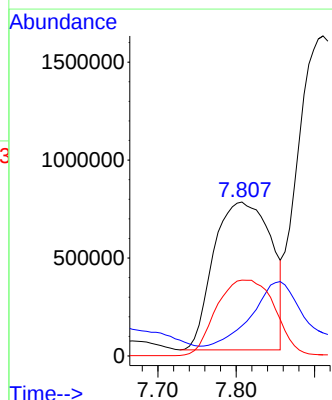
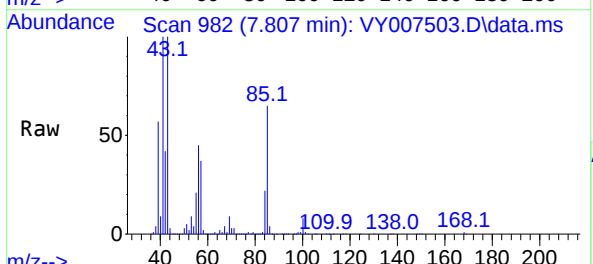
Tgt Ion: 56 Resp: 3851459

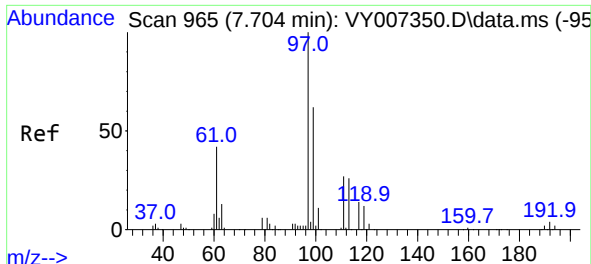
Ion Ratio Lower Upper

56 100

69 9.8 26.7 40.1#

84 51.0 67.2 100.8#

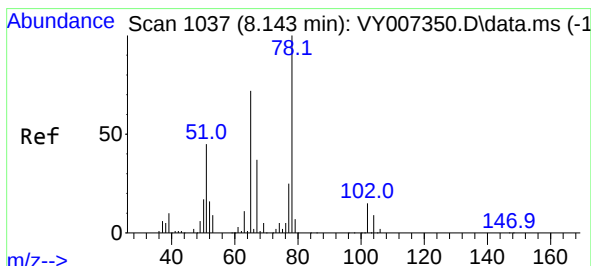
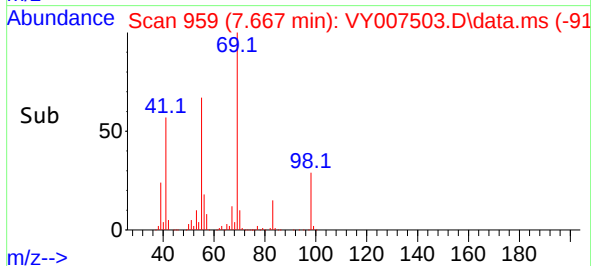
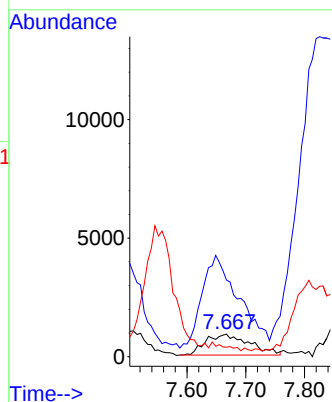
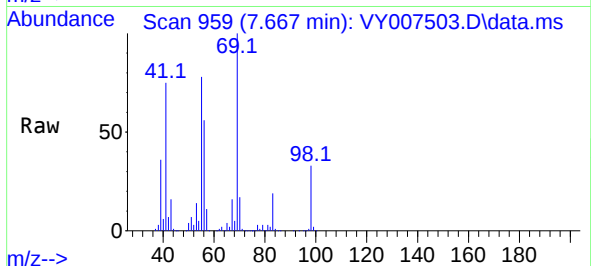




#32
1,1,1-Trichloroethane
Concen: 5.222 ug/l
RT: 7.667 min Scan# 91
Delta R.T. -0.037 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

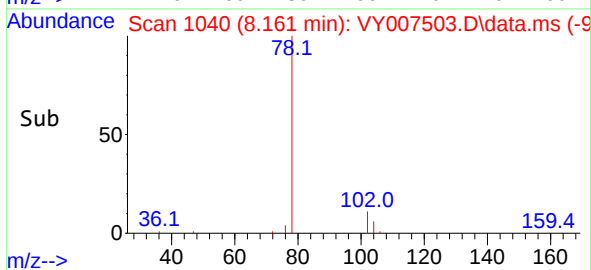
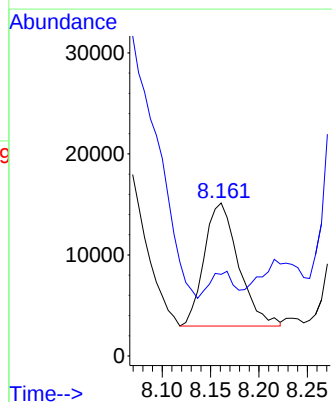
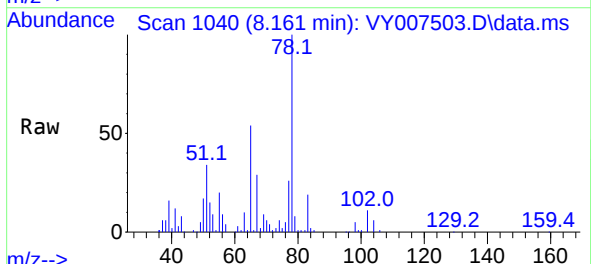
Instrument :
MSVOA_Y
ClientSampleId :

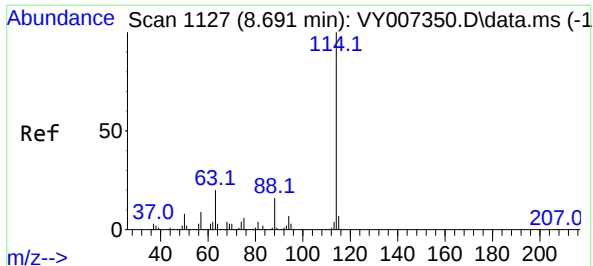
Tgt Ion: 97 Resp: 4530
Ion Ratio Lower Upper
97 100
99 376.9 50.7 76.1#
61 0.0 37.6 56.4#



#33
1,2-Dichloroethane-d4
Concen: 65.007 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.018 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion: 65 Resp: 30204
Ion Ratio Lower Upper
65 100
67 0.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY007503.D

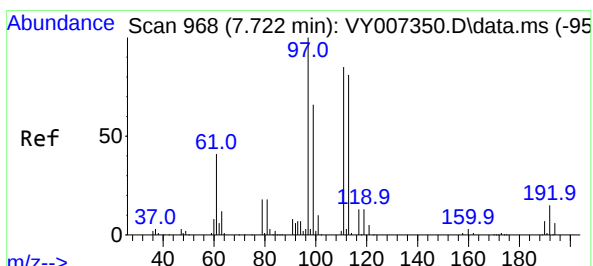
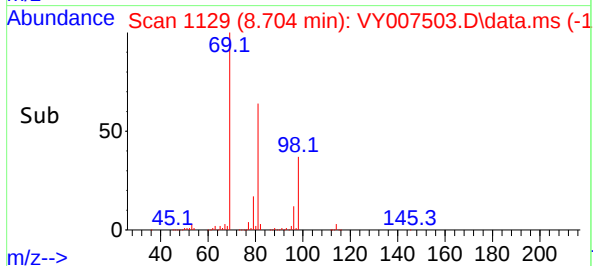
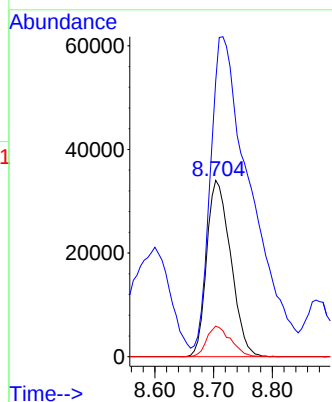
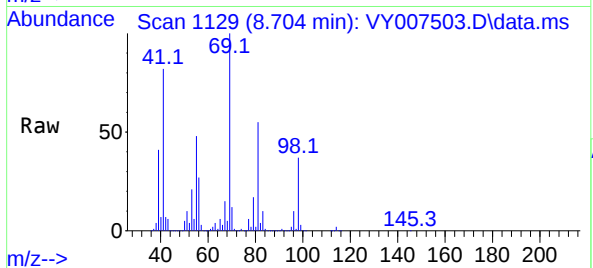
Acq: 15 Feb 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	96631
Ion	Ratio	Lower Upper
114	100	
63	142.0	0.0 43.2#
88	17.3	0.0 31.8



#35

Dibromofluoromethane

Concen: 68.013 ug/l

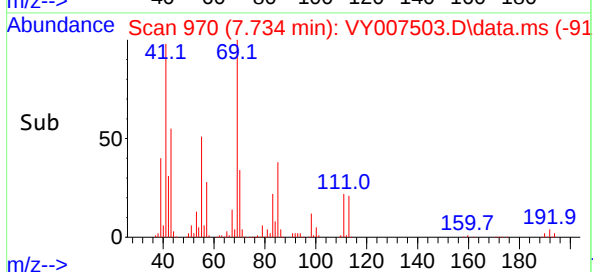
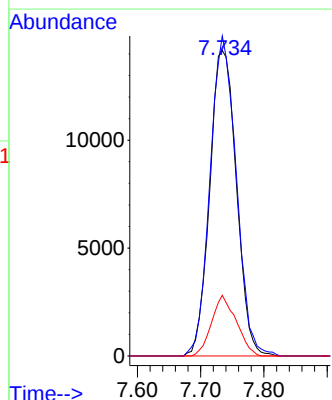
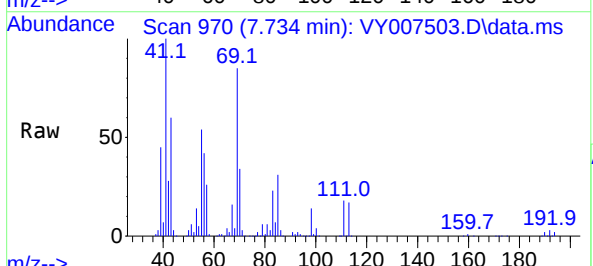
RT: 7.734 min Scan# 970

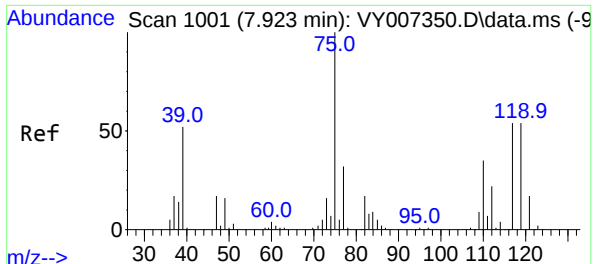
Delta R.T. 0.012 min

Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

Tgt Ion:113	Resp:	41446
Ion	Ratio	Lower Upper
113	100	
111	102.9	82.6 124.0
192	18.4	17.6 26.4

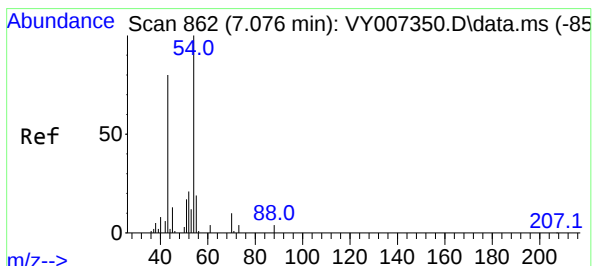
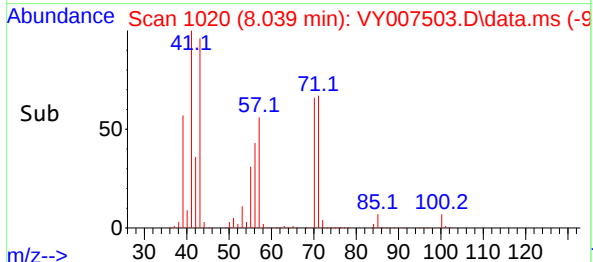
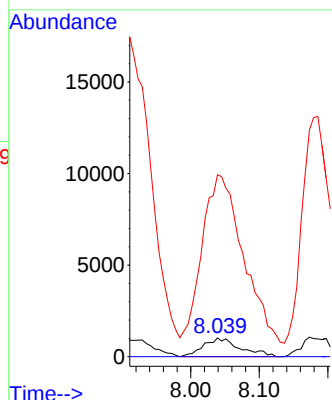
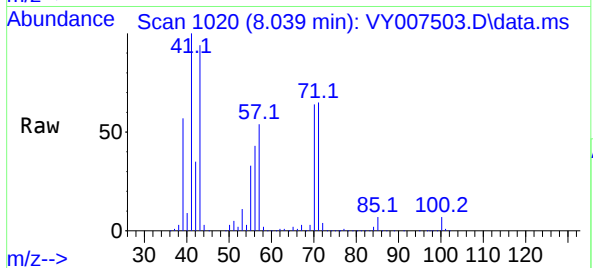




#36
1,1-Dichloropropene
Concen: 3.808 ug/l
RT: 8.039 min Scan# 10
Delta R.T. 0.116 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

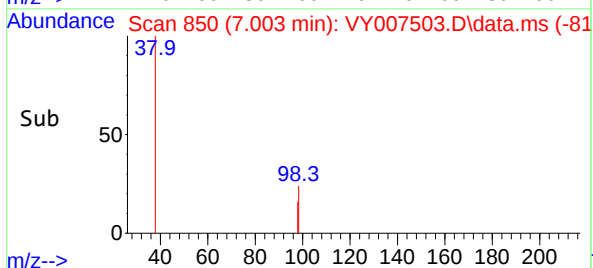
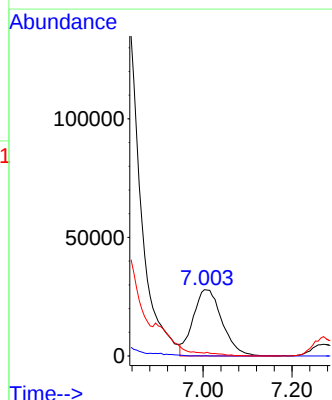
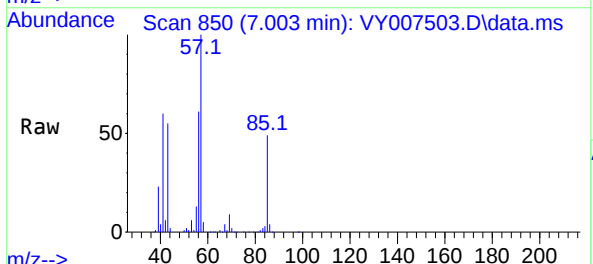
Instrument :
MSVOA_Y
ClientSampleId :

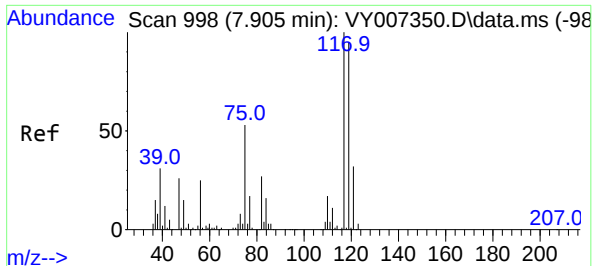
Tgt Ion: 75 Resp: 3760
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 1014.4 24.4 36.6#



#37
Ethyl Acetate
Concen: 283.540 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.073 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

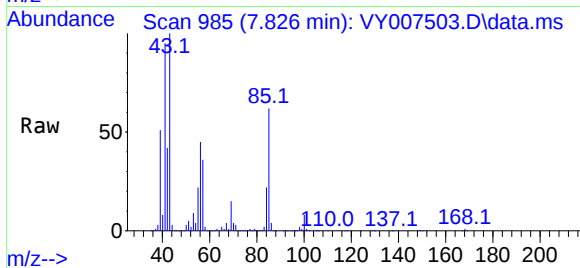
Tgt Ion: 43 Resp: 126480
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



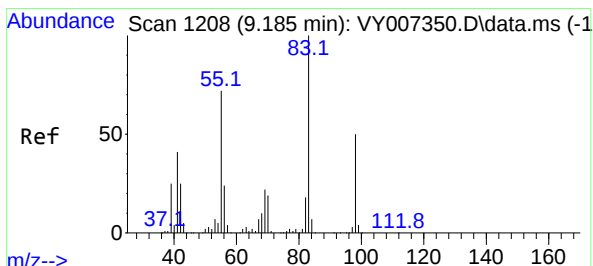
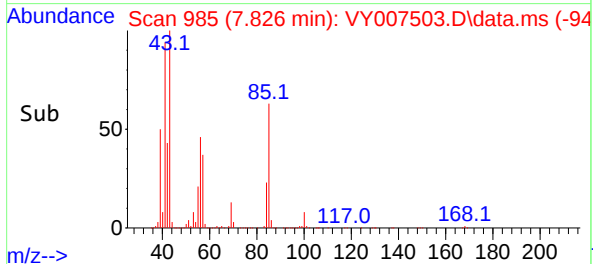
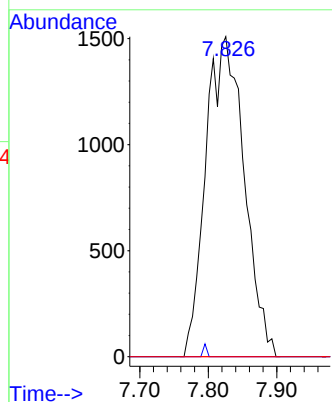


#38
Carbon Tetrachloride
Concen: 5.235 ug/l
RT: 7.826 min Scan# 91
Delta R.T. -0.079 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Instrument :
MSVOA_Y
ClientSampleId :

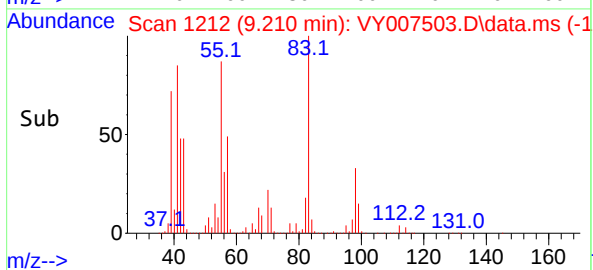
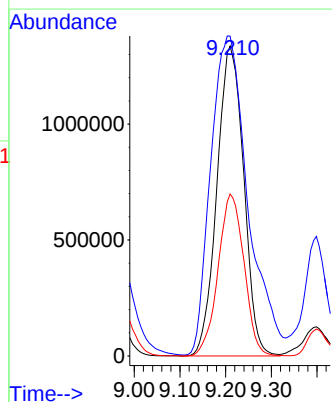
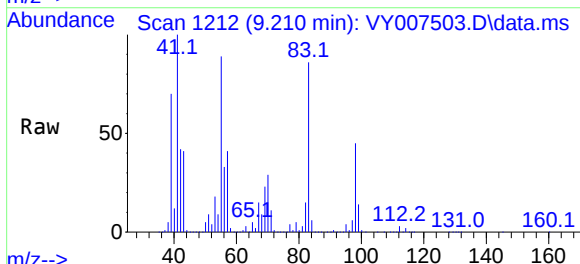


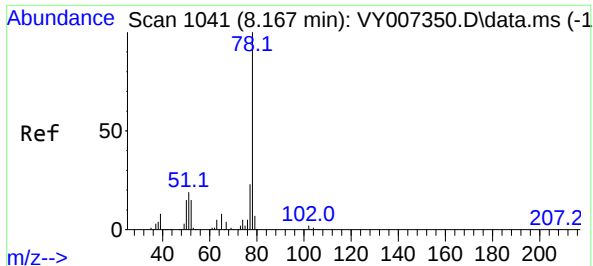
Tgt Ion:117 Resp: 5873
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 4241.910 ug/l
RT: 9.210 min Scan# 1212
Delta R.T. 0.025 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion: 83 Resp: 5437340
Ion Ratio Lower Upper
83 100
55 102.9 66.5 99.7#
98 52.3 37.9 56.9

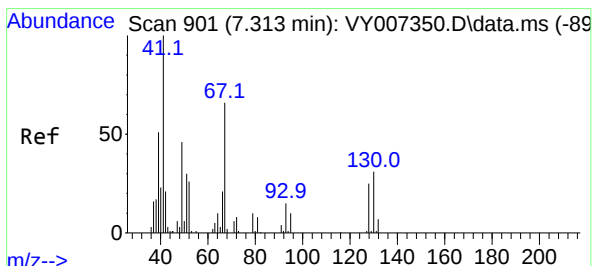
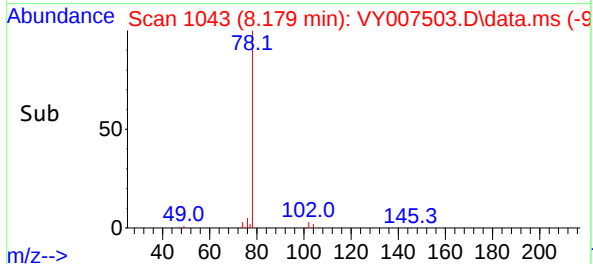
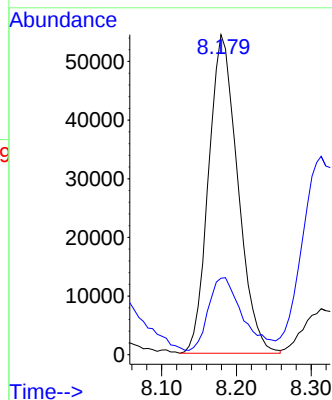
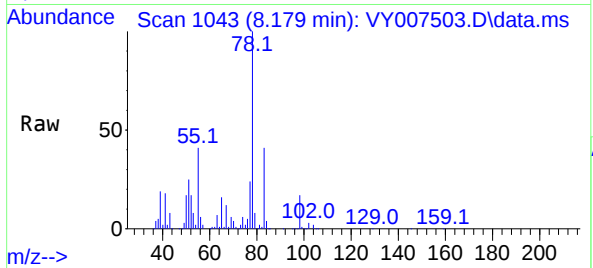




#40
Benzene
Concen: 54.511 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

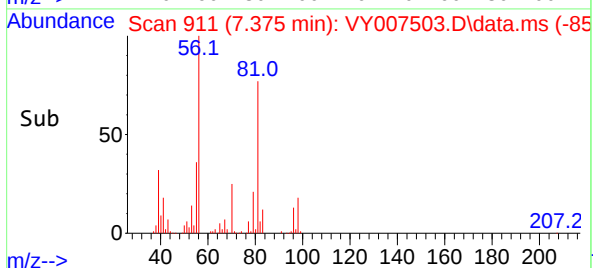
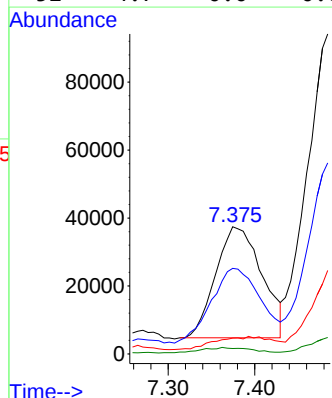
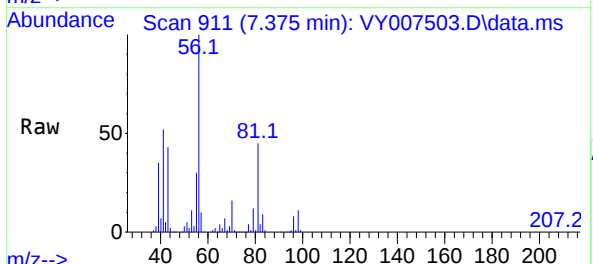
Instrument :
MSVOA_Y
ClientSampleId :

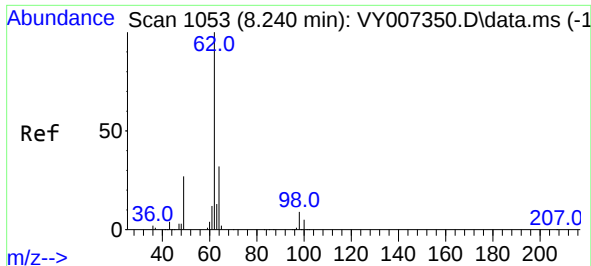
Tgt Ion: 78 Resp: 147977
Ion Ratio Lower Upper
78 100
77 21.8 20.4 30.6



#41
Methacrylonitrile
Concen: 418.935 ug/l
RT: 7.375 min Scan# 911
Delta R.T. 0.062 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion: 41 Resp: 121317
Ion Ratio Lower Upper
41 100
39 72.2 92.9 139.3#
67 0.0 0.0 0.0
52 4.7 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 28.680 ug/l

RT: 8.313 min Scan# 1075

Delta R.T. 0.073 min

Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

Instrument :

MSVOA_Y

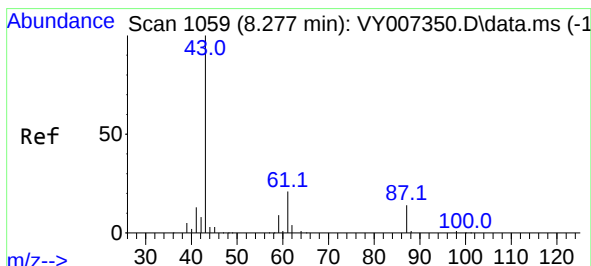
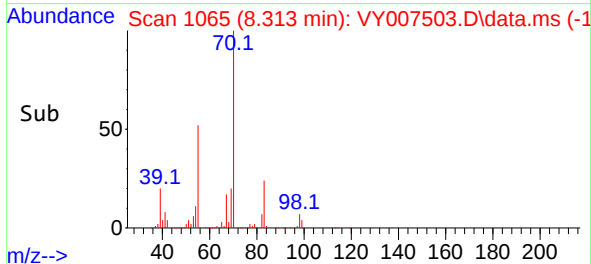
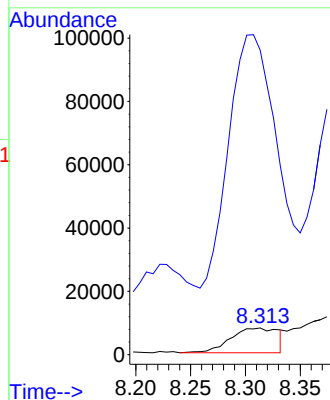
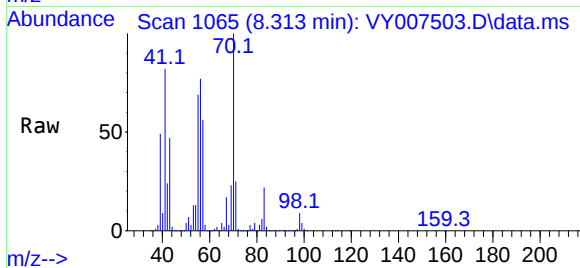
ClientSampleId :

Tgt Ion: 62 Resp: 23791

Ion Ratio Lower Upper

62 100

98 1028.1 0.0 14.8#



#43

Isopropyl Acetate

Concen: 7173.828 ug/l

RT: 8.374 min Scan# 1075

Delta R.T. 0.097 min

Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

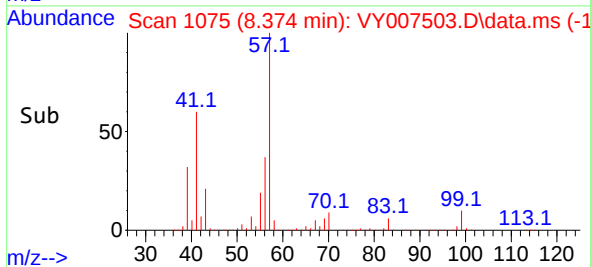
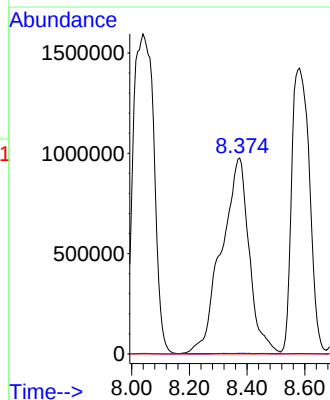
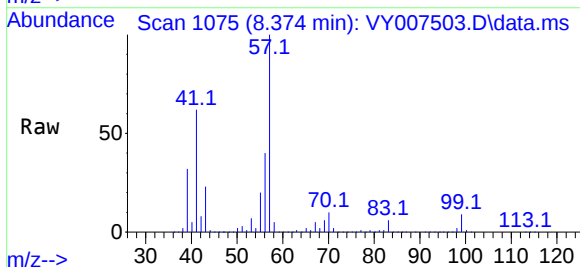
Tgt Ion: 43 Resp: 6499575

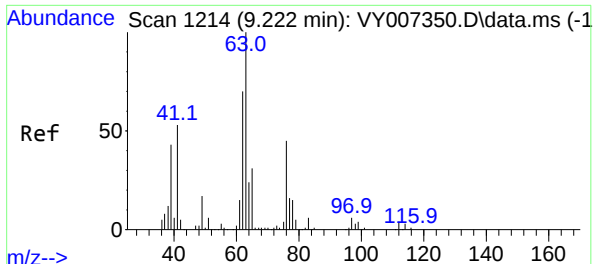
Ion Ratio Lower Upper

43 100

61 0.1 20.2 30.2#

87 0.0 8.9 13.3#





#45

1,2-Dichloropropane

Concen: 338.980 ug/l

RT: 9.210 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

Instrument :

MSVOA_Y

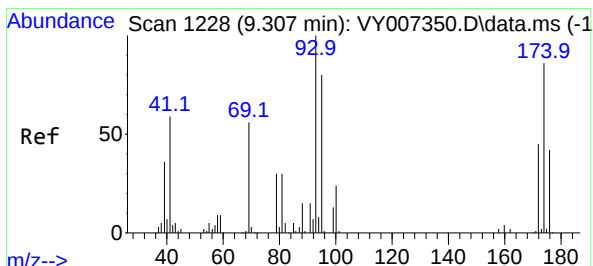
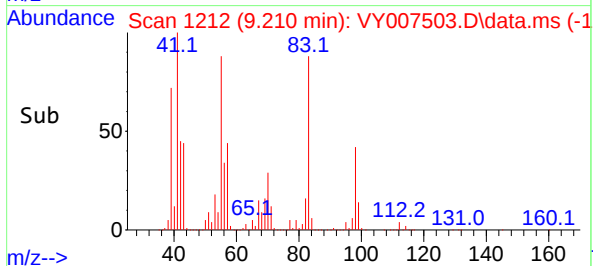
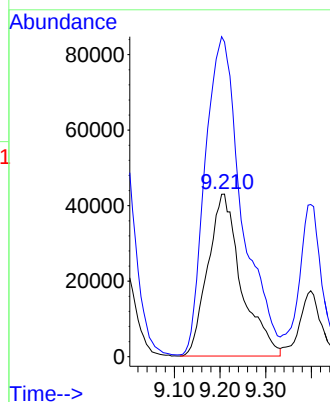
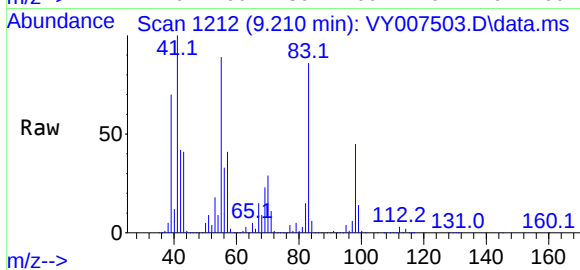
ClientSampleId :

Tgt Ion: 63 Resp: 218795

Ion Ratio Lower Upper

63 100

65 193.2 23.0 34.6#



#46

Dibromomethane

Concen: 46.990 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.018 min

Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

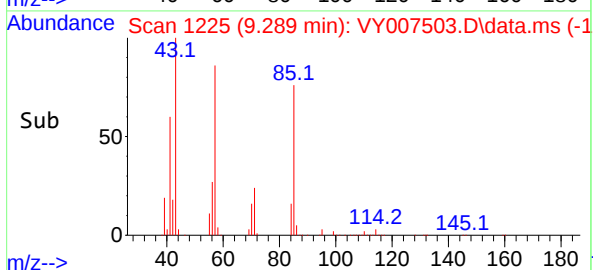
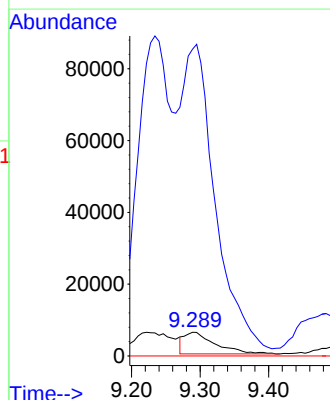
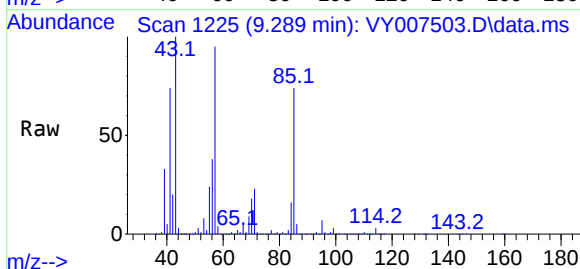
Tgt Ion: 93 Resp: 18834

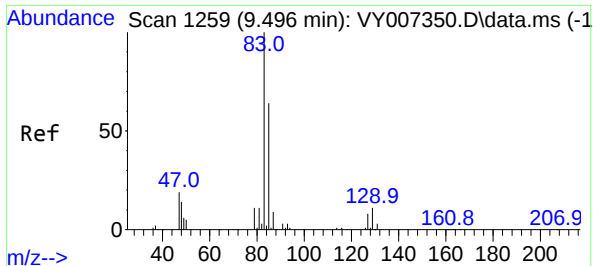
Ion Ratio Lower Upper

93 100

95 0.0 64.3 96.5#

174 0.0 83.4 125.0#

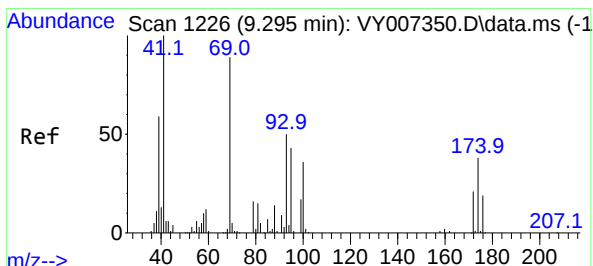
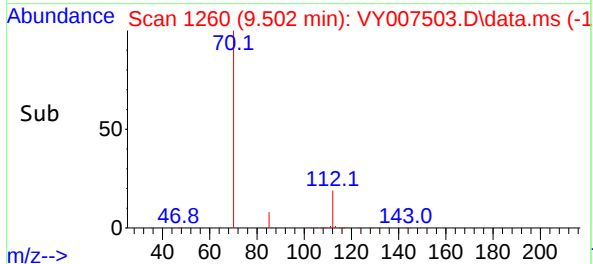
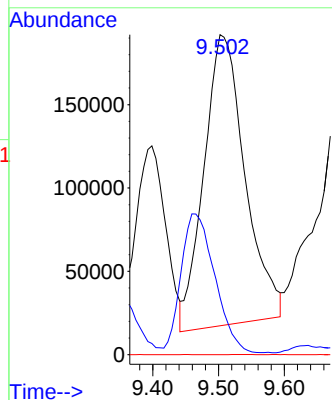
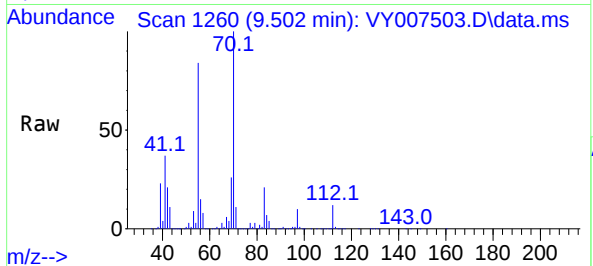




#47
Bromodichloromethane
Concen: 778.887 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

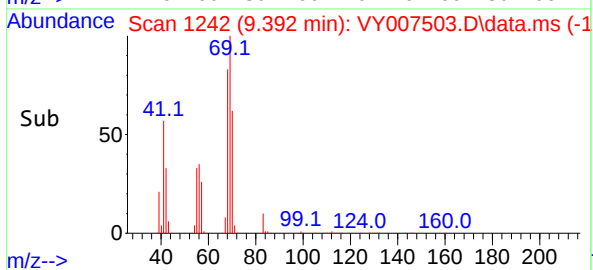
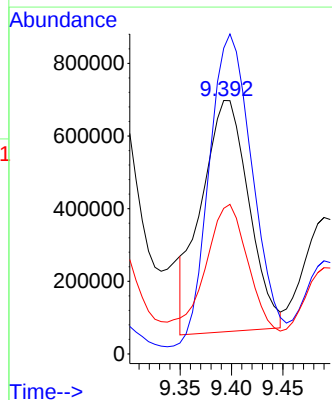
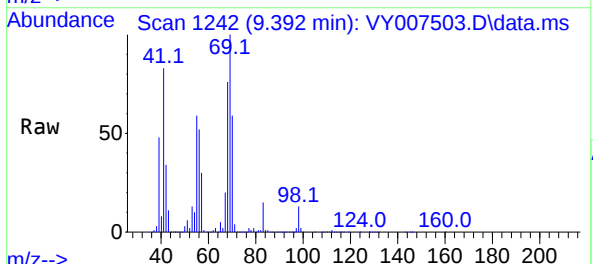
Instrument :
MSVOA_Y
ClientSampleId :

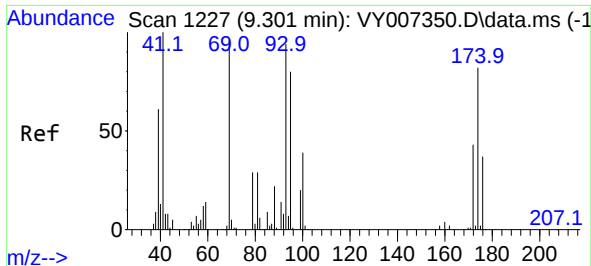
Tgt Ion: 83 Resp: 758134
Ion Ratio Lower Upper
83 100
85 20.5 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 5096.875 ug/l
RT: 9.392 min Scan# 1242
Delta R.T. 0.097 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion: 41 Resp: 2046370
Ion Ratio Lower Upper
41 100
69 124.7 58.2 87.2#
39 49.3 47.4 71.0





#49

1,4-Dioxane

Concen: 16.687 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :

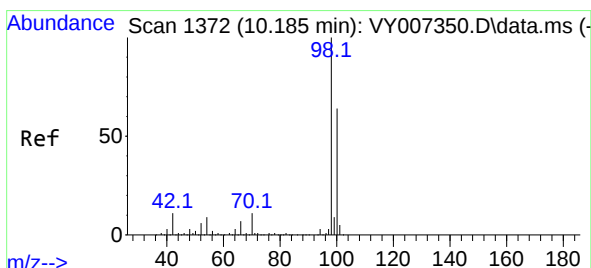
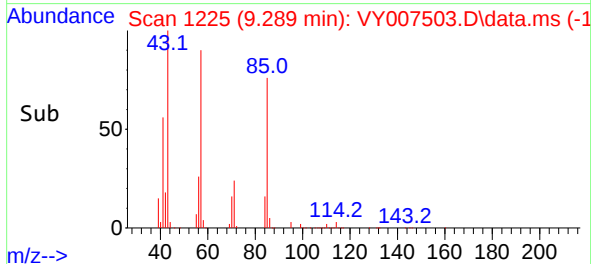
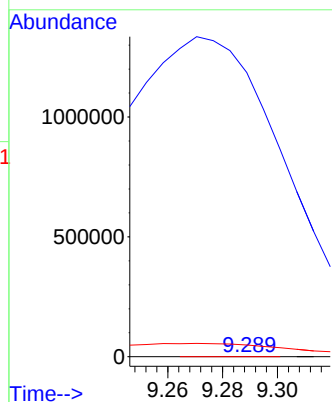
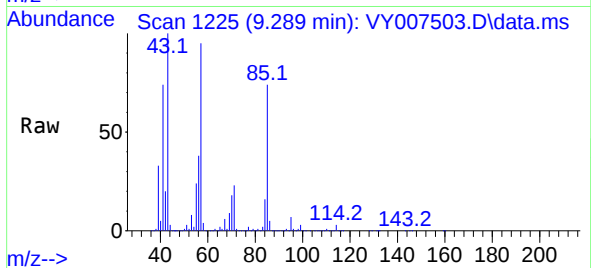
Tgt Ion: 88 Resp: 72

Ion Ratio Lower Upper

88 100

43 11196408.3 32.8 49.2#

58 456491.7 59.8 89.6#



#50

Toluene-d8

Concen: 150.524 ug/l

RT: 10.228 min Scan# 1379

Delta R.T. 0.043 min

Lab File: VY007503.D

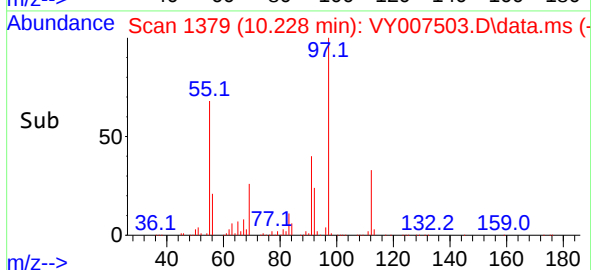
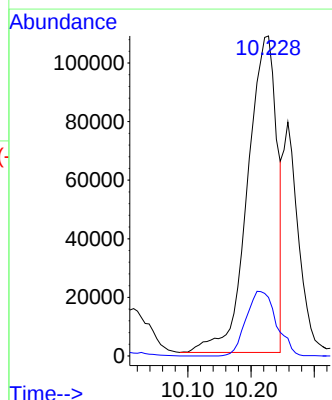
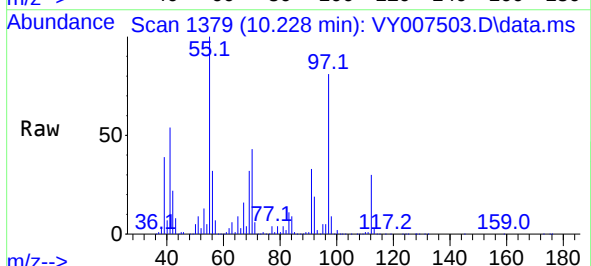
Acq: 15 Feb 2022 15:07

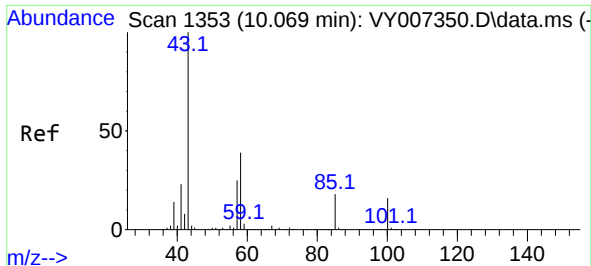
Tgt Ion: 98 Resp: 348389

Ion Ratio Lower Upper

98 100

100 21.1 50.2 75.2#

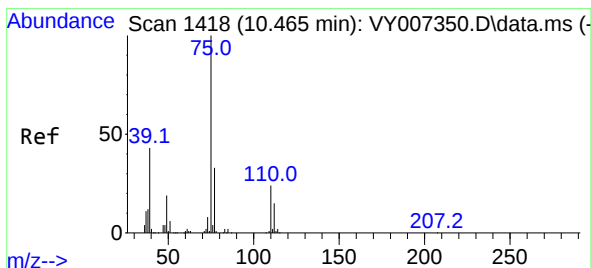
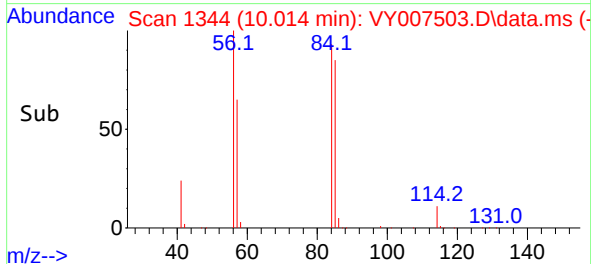
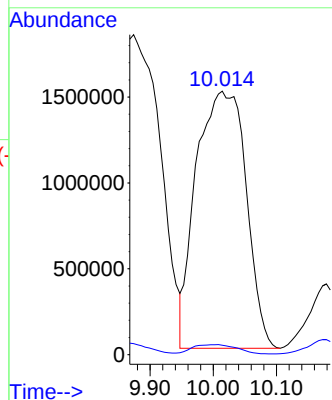
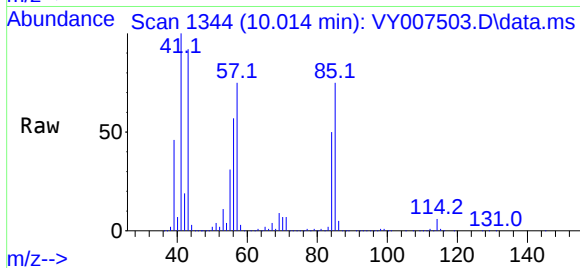




#51
4-Methyl-2-Pentanone
Concen: 18165.082 ug/l
RT: 10.014 min Scan# 1344
Delta R.T. -0.055 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

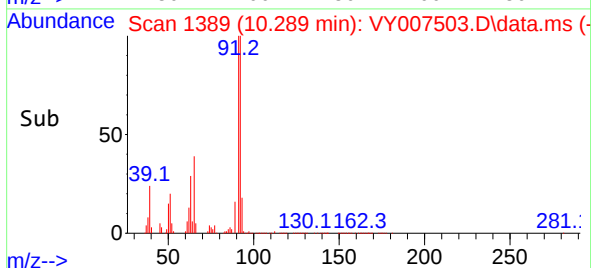
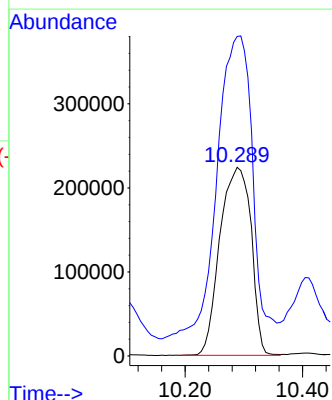
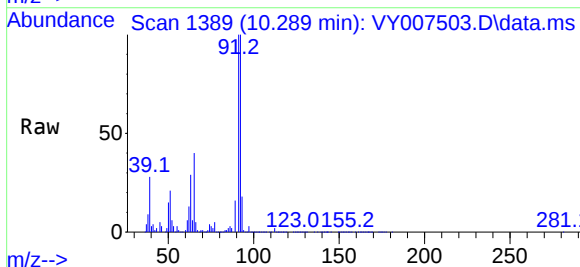
Instrument :
MSVOA_Y
ClientSampleId :

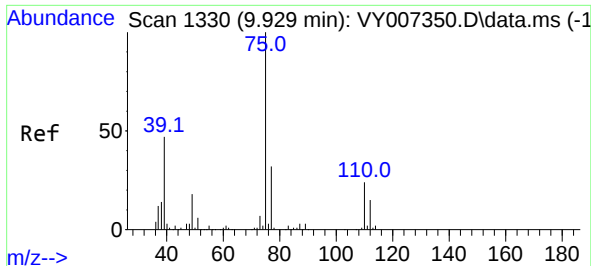
Tgt Ion: 43 Resp: 8173405
Ion Ratio Lower Upper
43 100
58 3.2 28.1 42.1#



#53
t-1,3-Dichloropropene
Concen: 811.224 ug/l
RT: 10.289 min Scan# 1389
Delta R.T. -0.176 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

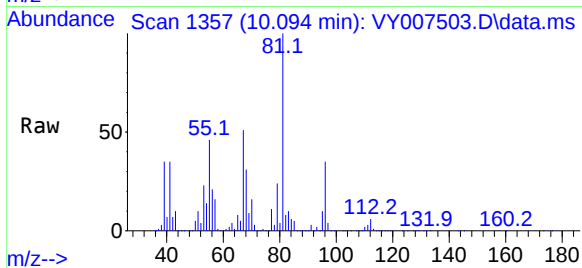
Tgt Ion: 75 Resp: 824432
Ion Ratio Lower Upper
75 100
77 156.3 25.4 38.2#



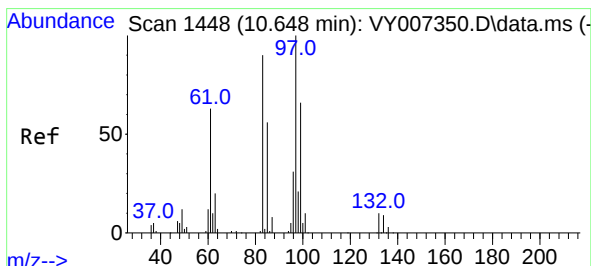
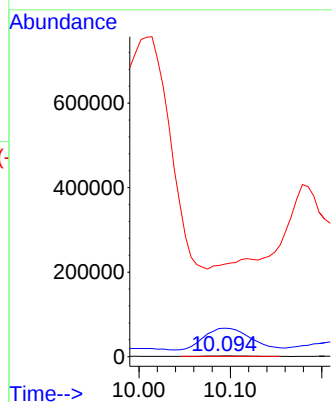
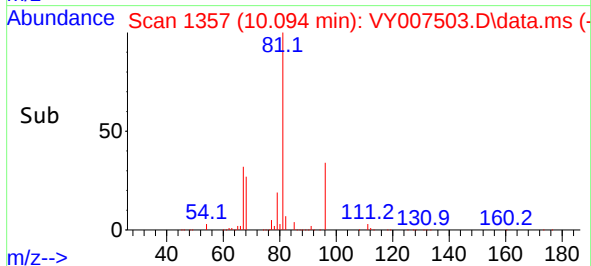


#54
cis-1,3-Dichloropropene
Concen: 3.347 ug/l
RT: 10.094 min Scan# 11
Delta R.T. 0.165 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

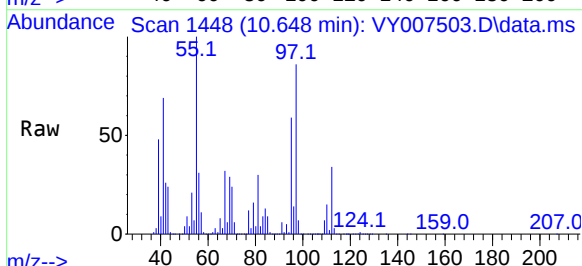
Instrument :
MSVOA_Y
ClientSampleId :



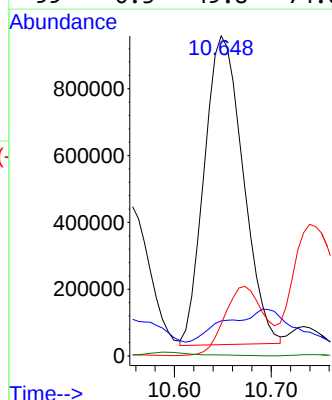
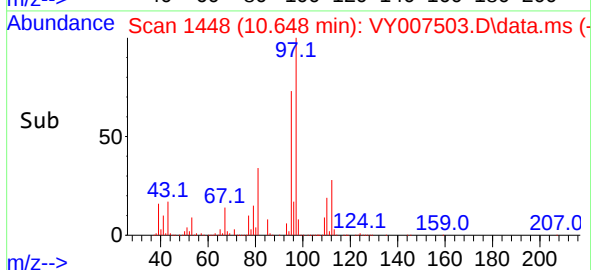
Tgt Ion: 75 Resp: 3796
Ion Ratio Lower Upper
75 100
77 4000.6 25.6 38.4#
39 0.0 47.6 71.4#

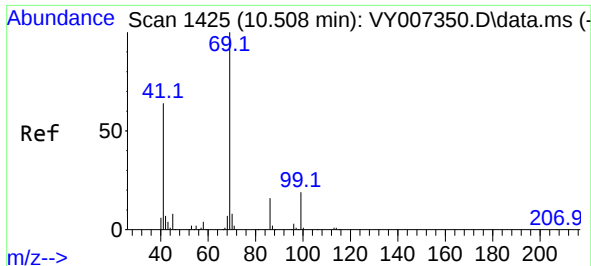


#55
1,1,2-Trichloroethane
Concen: 4844.033 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07



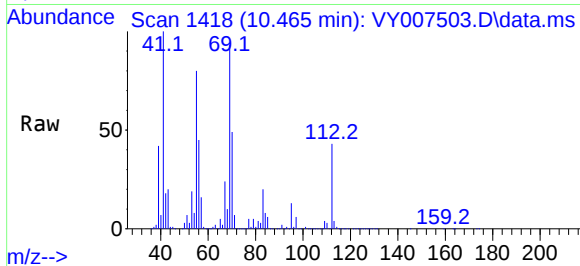
Tgt Ion: 97 Resp: 2575118
Ion Ratio Lower Upper
97 100
83 6.4 69.8 104.8#
85 10.3 44.3 66.5#
99 0.3 49.8 74.6#



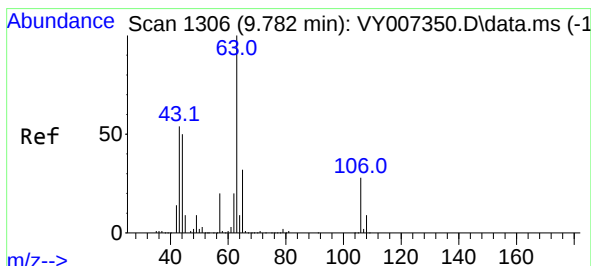
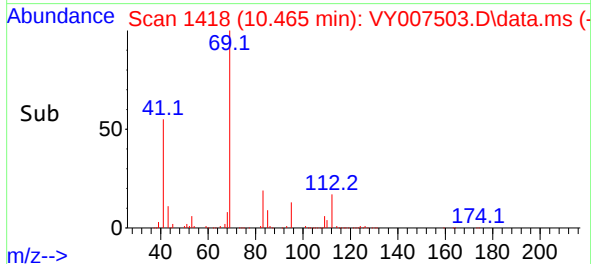
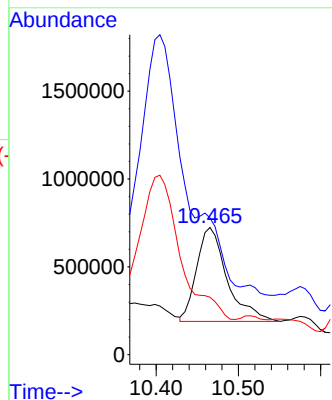


#56
Ethyl methacrylate
Concen: 1930.383 ug/l
RT: 10.465 min Scan# 1425
Delta R.T. -0.043 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Instrument :
MSVOA_Y
ClientSampleId :

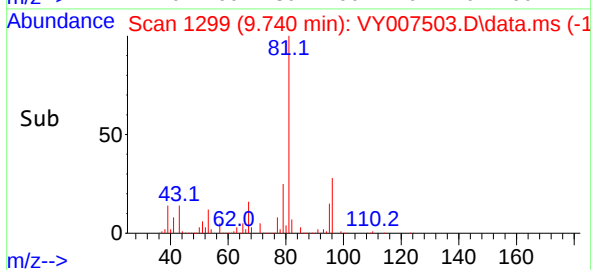
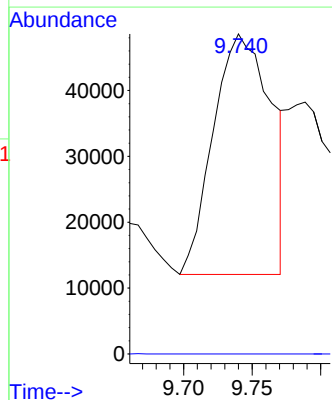
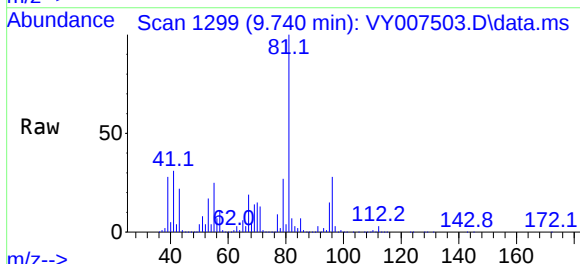


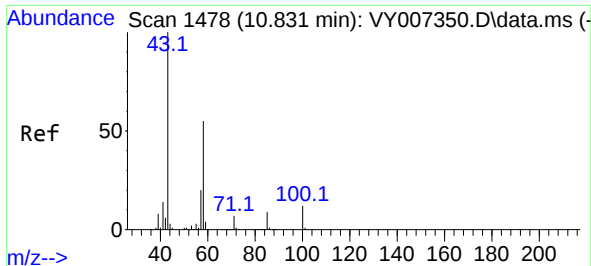
Tgt Ion: 69 Resp: 1379973
Ion Ratio Lower Upper
69 100
41 0.0 63.4 95.0#
39 0.0 35.8 53.8#



#58
2-Chloroethyl Vinyl ether
Concen: 286.973 ug/l
RT: 9.740 min Scan# 1299
Delta R.T. -0.042 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion: 63 Resp: 106895
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

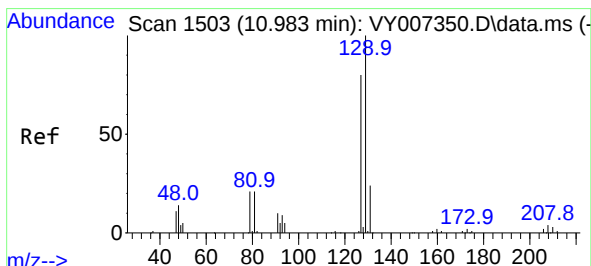
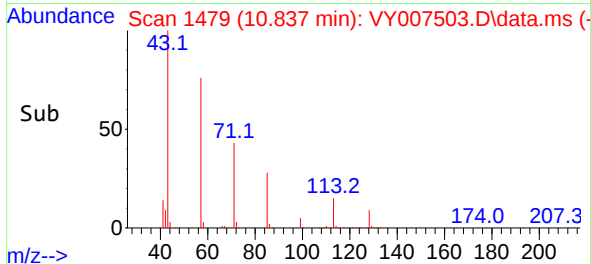
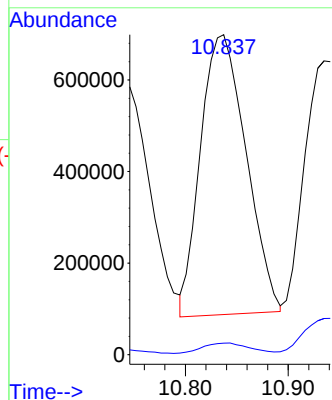
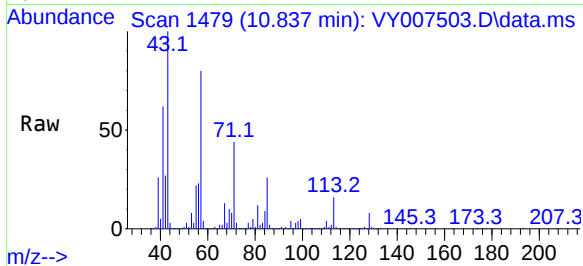




#59
2-Hexanone
Concen: 5797.726 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

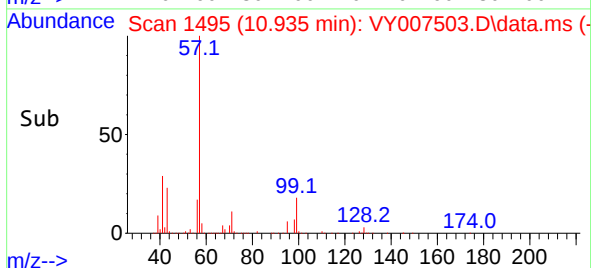
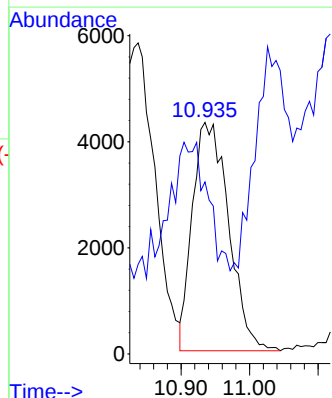
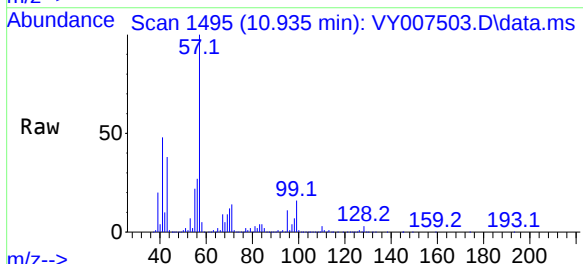
Instrument :
MSVOA_Y
ClientSampleId :

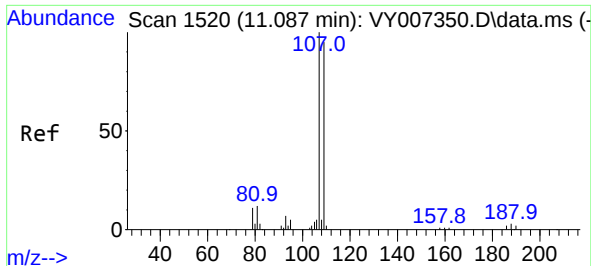
Tgt Ion: 43 Resp: 1883370
Ion Ratio Lower Upper
43 100
58 3.8 24.4 73.4#



#60
Dibromochloromethane
Concen: 23.565 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. -0.048 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion:129 Resp: 15797
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

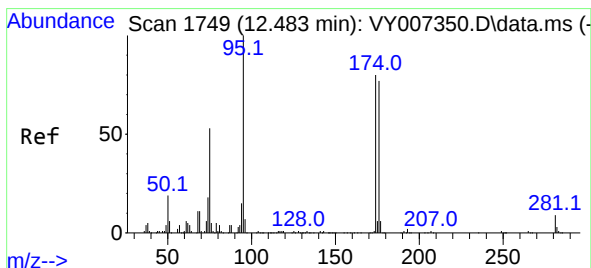
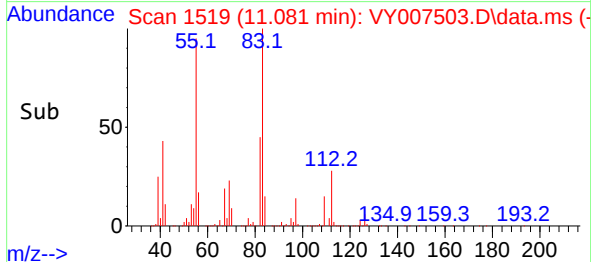
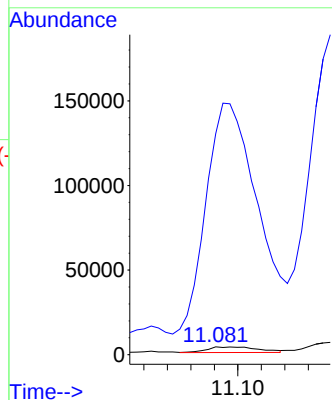
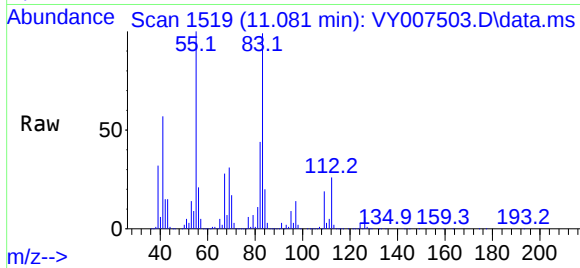




#61
1,2-Dibromoethane
Concen: 19.059 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

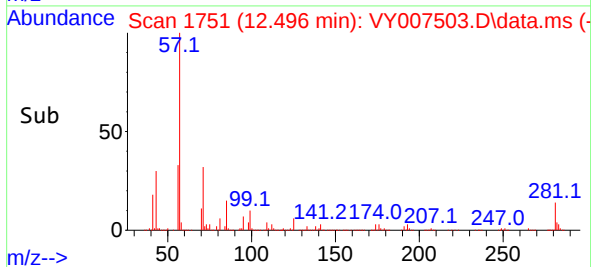
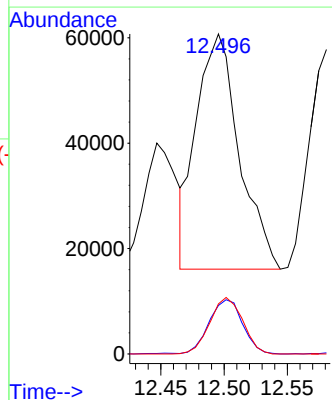
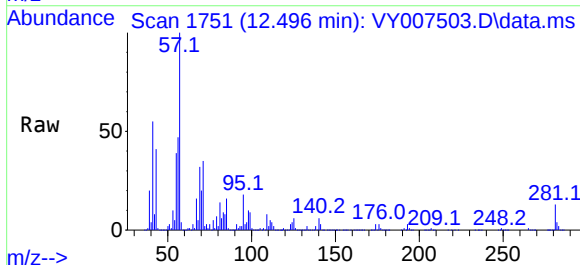
Instrument :
MSVOA_Y
ClientSampleId :

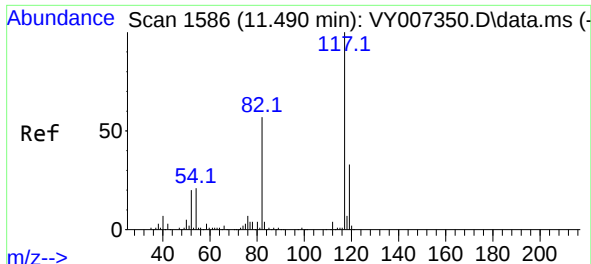
Tgt Ion:107 Resp: 10102
Ion Ratio Lower Upper
107 100
109 4155.0 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 134.225 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.013 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion: 95 Resp: 105339
Ion Ratio Lower Upper
95 100
174 18.3 0.0 177.0
176 18.4 0.0 175.8

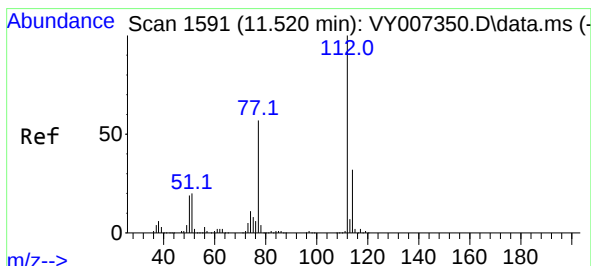
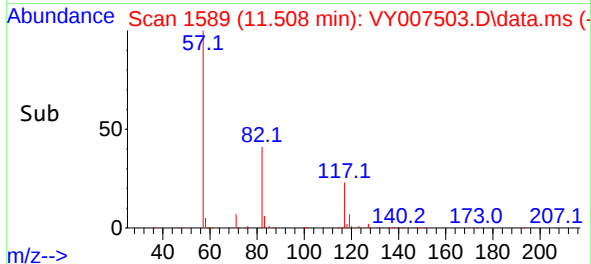
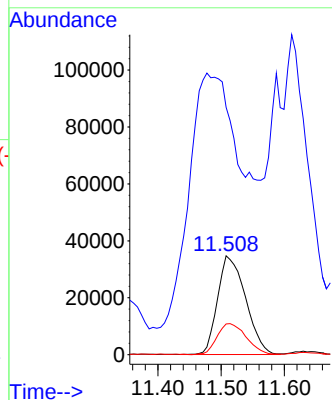
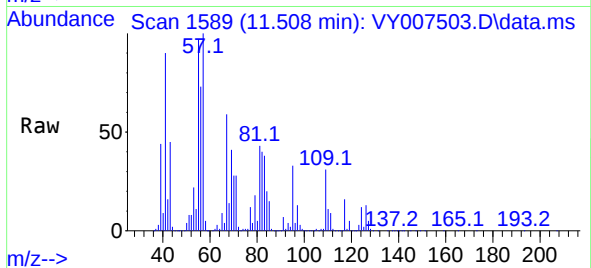




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

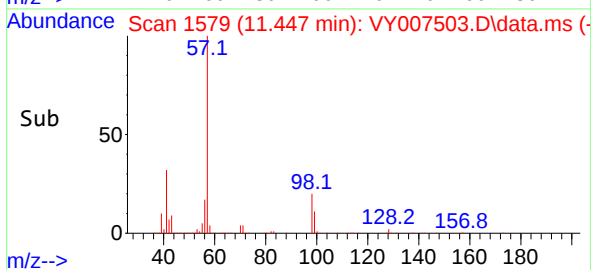
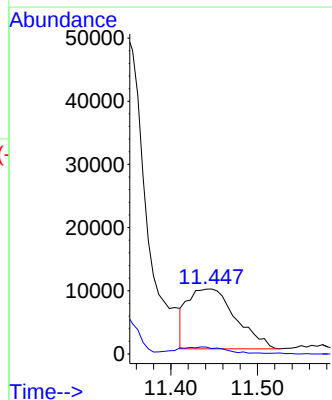
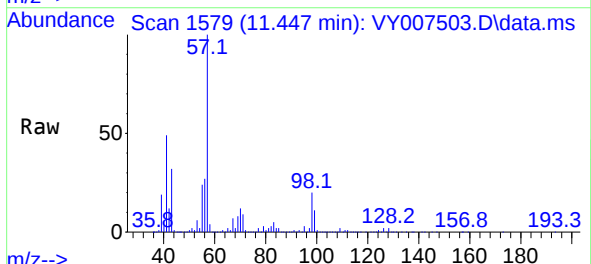
Instrument :
MSVOA_Y
ClientSampleId :

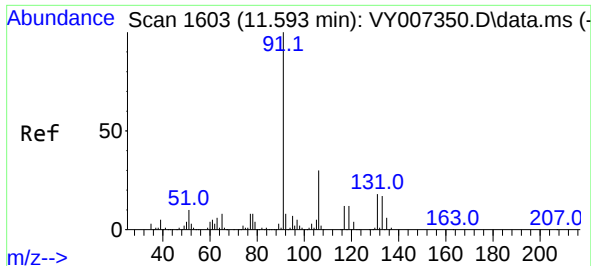
Tgt Ion:117 Resp: 106406
Ion Ratio Lower Upper
117 100
82 153.3 43.0 64.4#
119 30.9 25.4 38.0



#65
Chlorobenzene
Concen: 15.669 ug/l
RT: 11.447 min Scan# 1579
Delta R.T. -0.073 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion:112 Resp: 36518
Ion Ratio Lower Upper
112 100
114 7.4 25.8 38.6#





#67

Ethyl Benzene

Concen: 679.014 ug/l

RT: 11.715 min Scan# 1

Delta R.T. 0.122 min

Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

Instrument :

MSVOA_Y

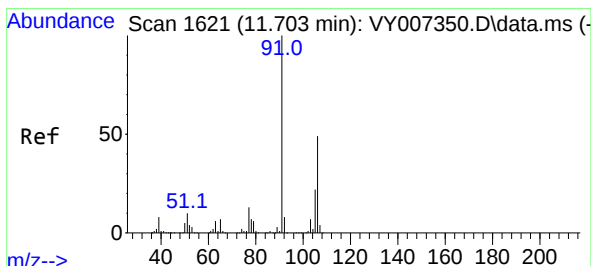
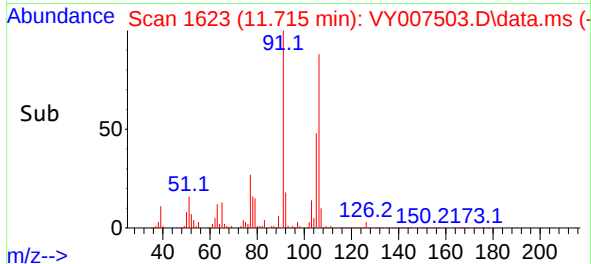
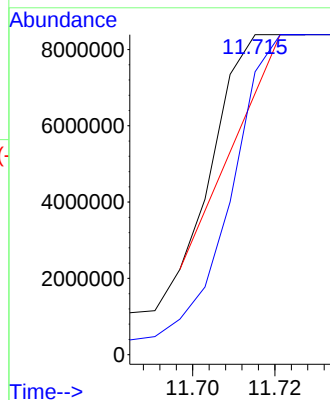
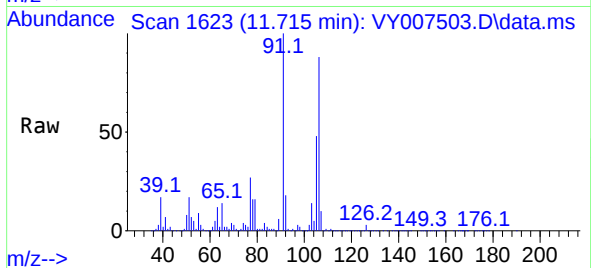
ClientSampleId :

Tgt Ion: 91 Resp: 2961731

Ion Ratio Lower Upper

91 100

106 105.4 24.5 36.7#



#68

m/p-Xylenes

Concen: 2051.646 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.018 min

Lab File: VY007503.D

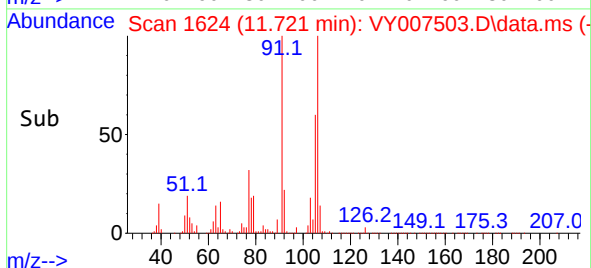
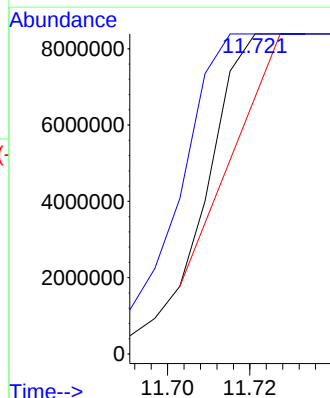
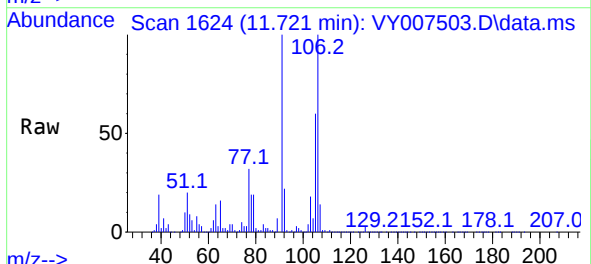
Acq: 15 Feb 2022 15:07

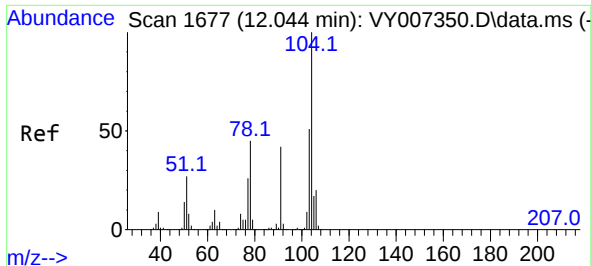
Tgt Ion:106 Resp: 3386716

Ion Ratio Lower Upper

106 100

91 87.5 166.6 249.8#

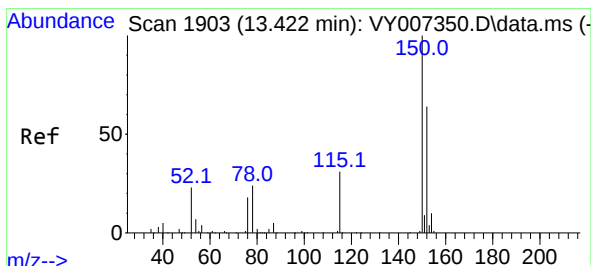
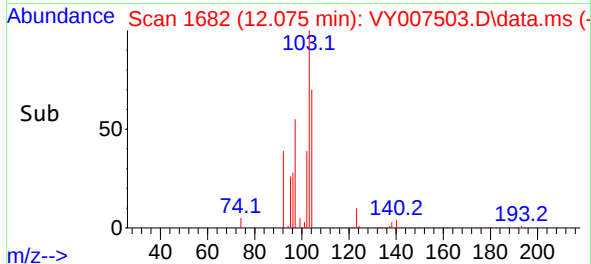
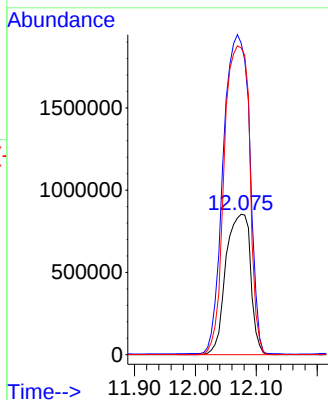
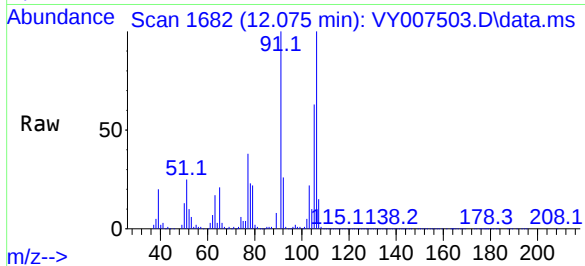




#70
Styrene
Concen: 933.533 ug/l
RT: 12.075 min Scan# 1
Delta R.T. 0.031 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

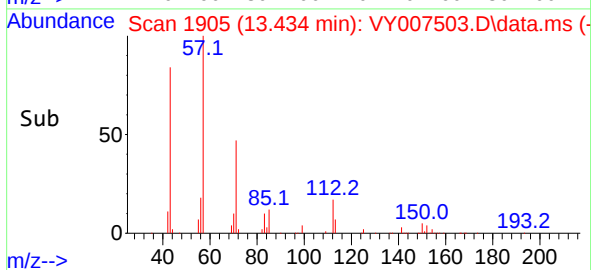
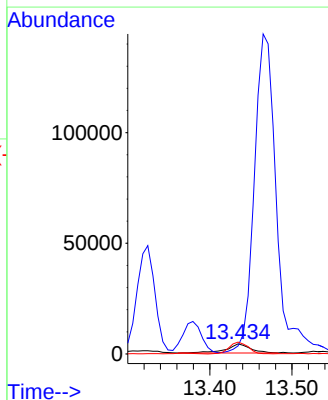
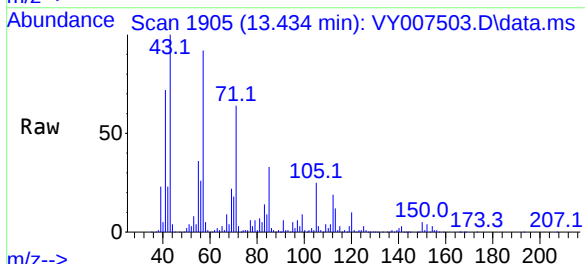
Instrument :
MSVOA_Y
ClientSampleId :

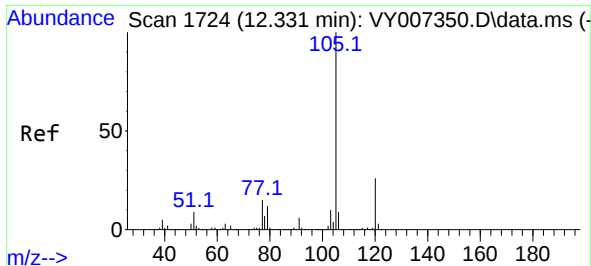
Tgt Ion:104 Resp: 2397479
Ion Ratio Lower Upper
104 100
78 243.2 42.4 63.6#
103 225.8 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

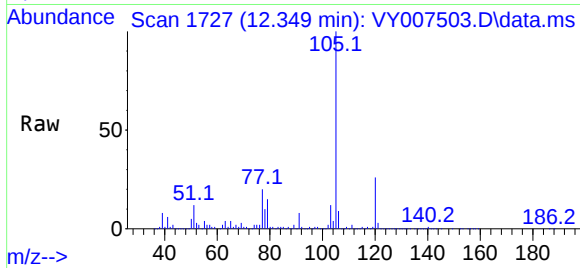
Tgt Ion:152 Resp: 8178
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 106.4 0.0 347.6



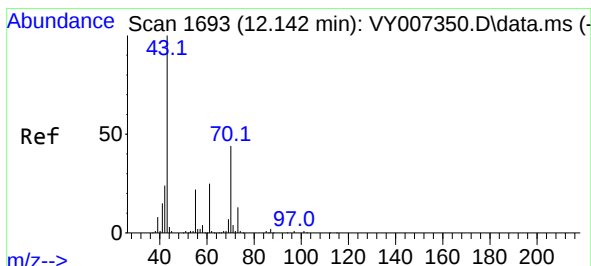
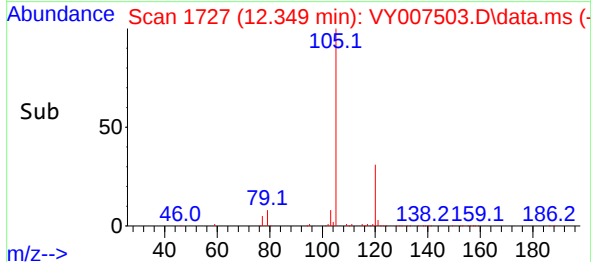
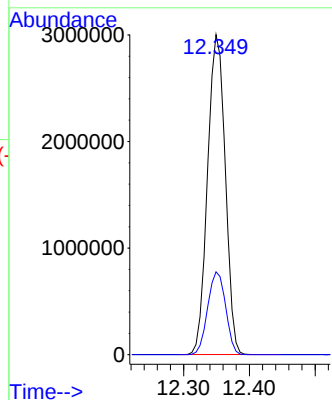


#73
Isopropylbenzene
Concen: 7767.751 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.018 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Instrument :
MSVOA_Y
ClientSampleId :

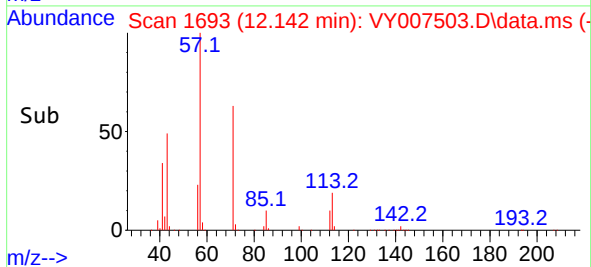
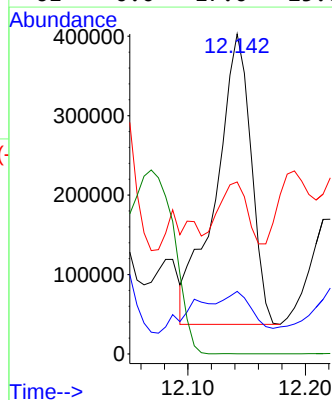
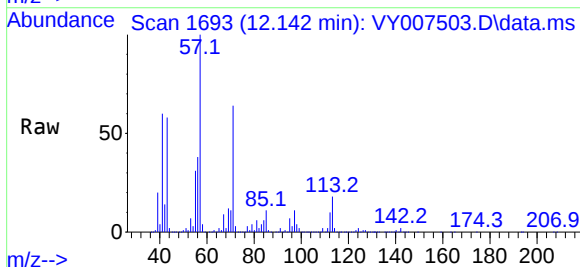


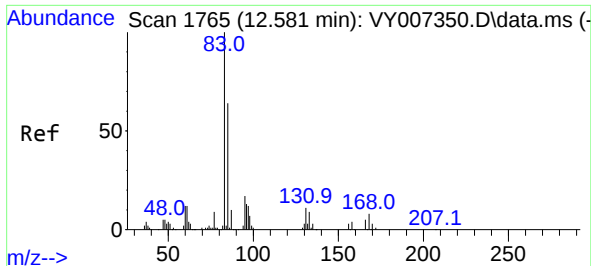
Tgt Ion:105 Resp: 5627819
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2



#74
N-ethyl acetate
Concen: 4652.416 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion: 43 Resp: 763093
Ion Ratio Lower Upper
43 100
70 9.5 28.7 43.1#
55 22.6 17.3 25.9
61 0.0 17.0 25.6#

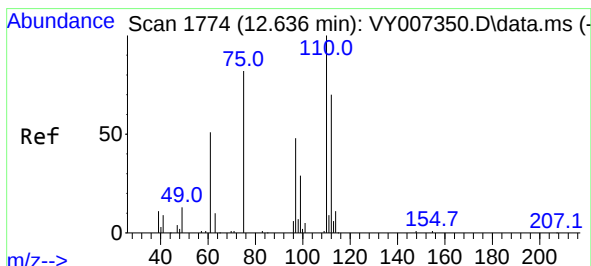
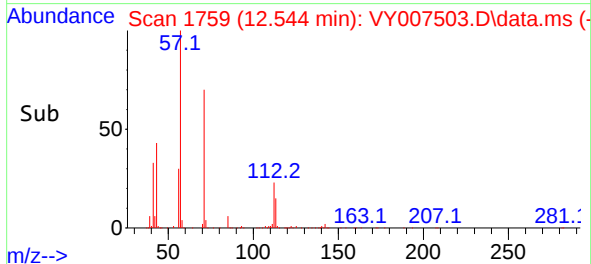
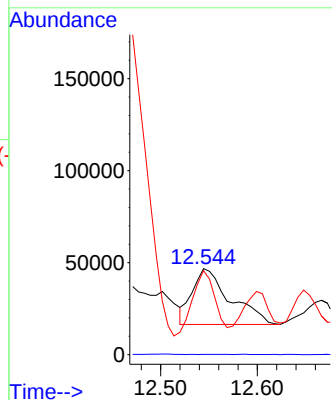
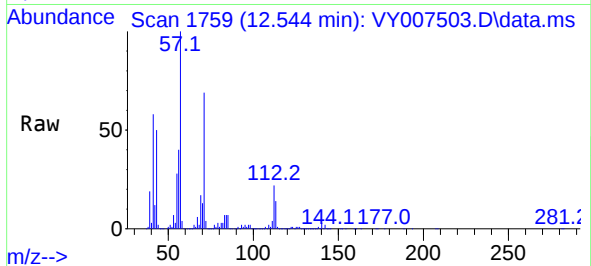




#75
1,1,2,2-Tetrachloroethane
Concen: 665.505 ug/l
RT: 12.544 min Scan# 1759
Delta R.T. -0.037 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

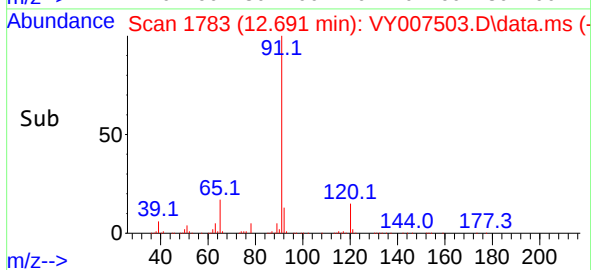
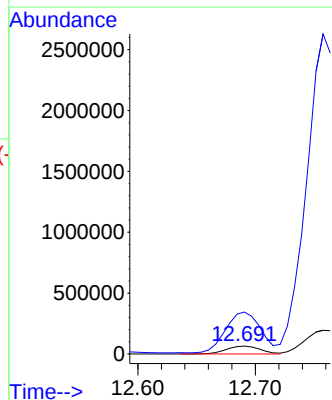
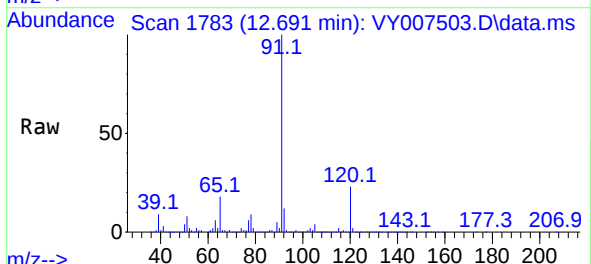
Instrument :
MSVOA_Y
ClientSampleId :

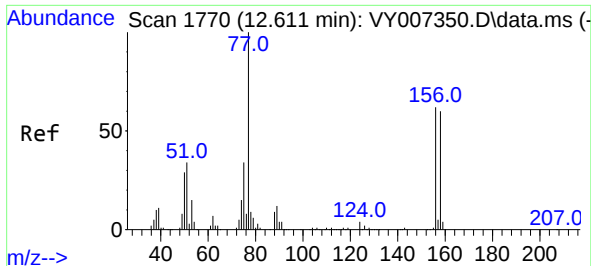
Tgt Ion: 83 Resp: 82587
Ion Ratio Lower Upper
83 100
131 0.1 5.6 16.8#
85 70.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 1366.894 ug/l
RT: 12.691 min Scan# 1783
Delta R.T. 0.055 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

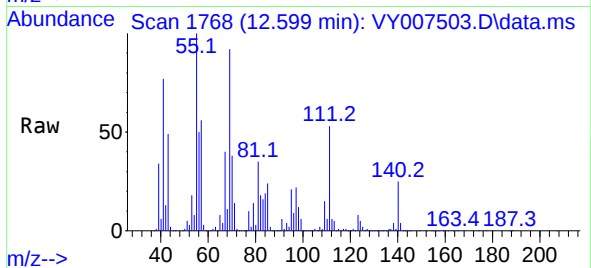
Tgt Ion: 75 Resp: 129161
Ion Ratio Lower Upper
75 100
77 532.8 0.0 0.0#



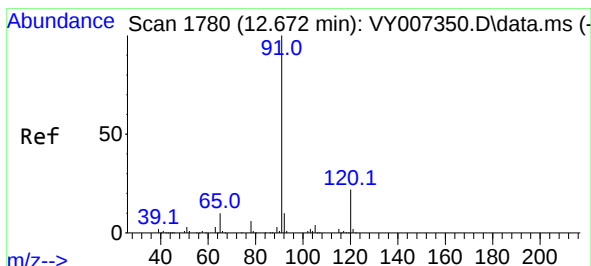
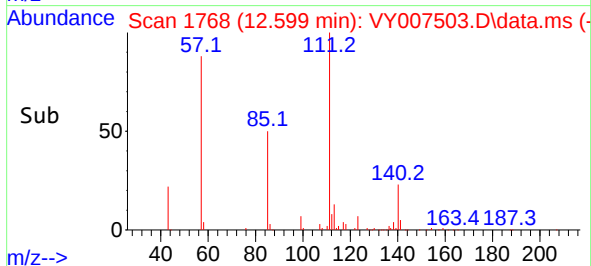
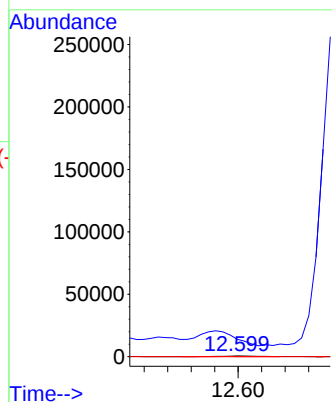


#77
Bromobenzene
Concen: 8.587 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. -0.012 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Instrument :
MSVOA_Y
ClientSampleId :

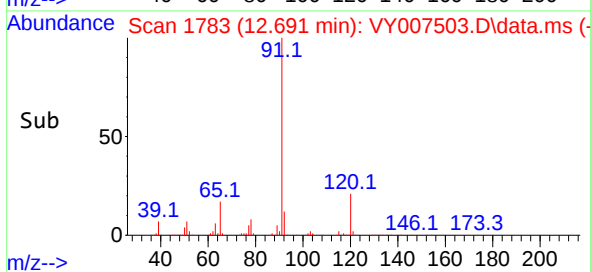
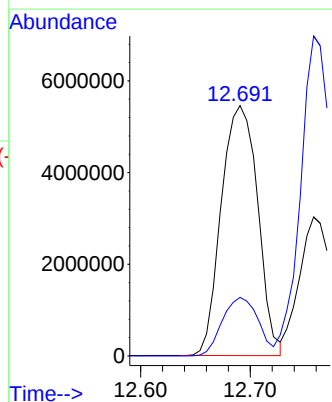
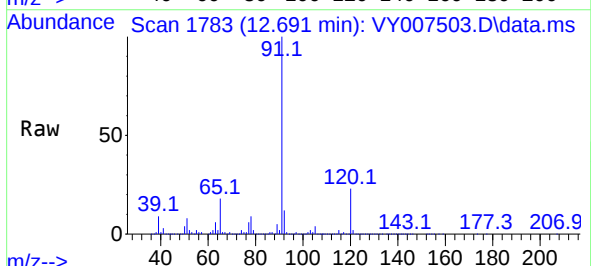


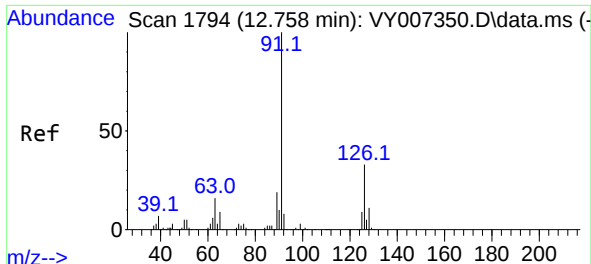
Tgt Ion:156 Resp: 1336
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 1.8 48.0 144.0#



#78
n-propylbenzene
Concen: 14465.865 ug/l
RT: 12.691 min Scan# 1783
Delta R.T. 0.019 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion: 91 Resp:12611708
Ion Ratio Lower Upper
91 100
120 23.2 11.3 33.9

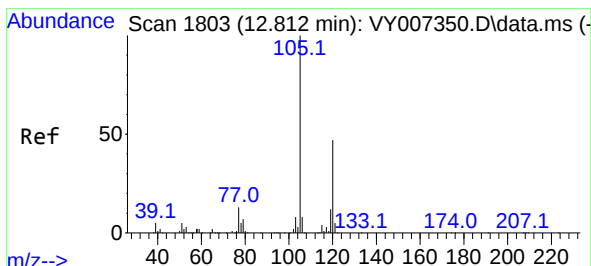
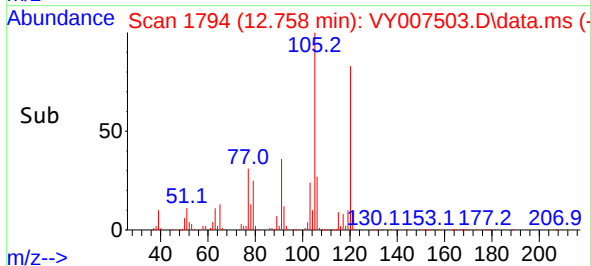
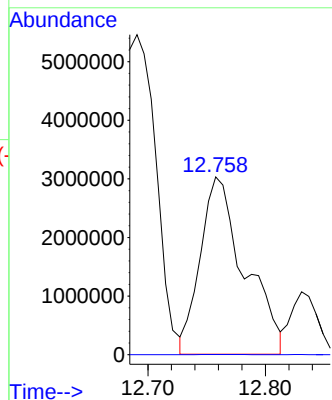
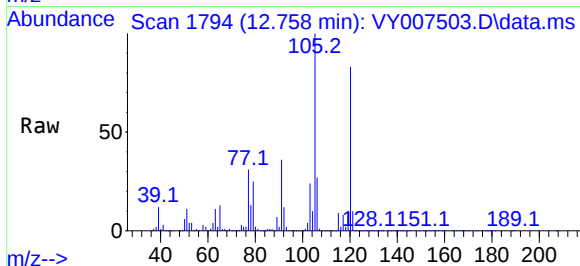




#79
2-Chlorotoluene
Concen: 16530.881 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

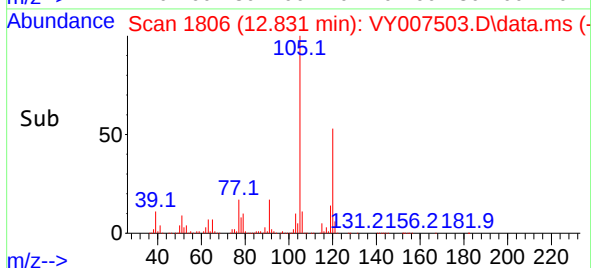
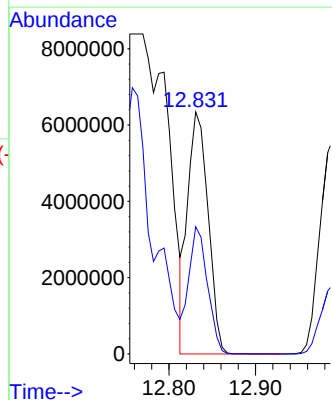
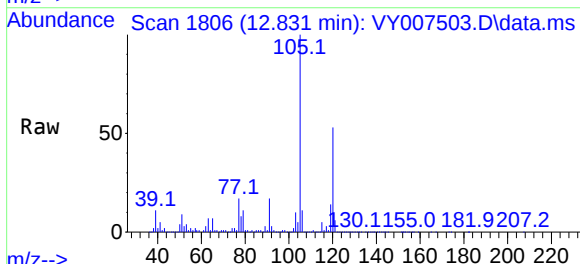
Instrument :
MSVOA_Y
ClientSampleId :

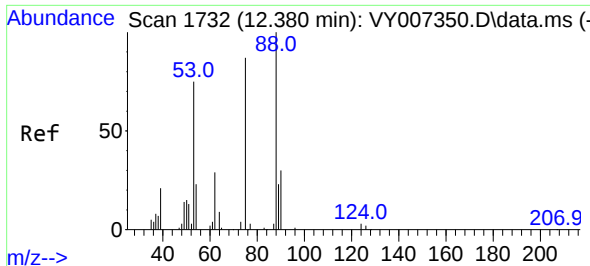
Tgt Ion: 91 Resp: 7945224
Ion Ratio Lower Upper
91 100
126 0.1 16.9 50.6#



#80
1,3,5-Trimethylbenzene
Concen: 17335.330 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.019 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion: 105 Resp: 10403351
Ion Ratio Lower Upper
105 100
120 48.5 24.4 73.4

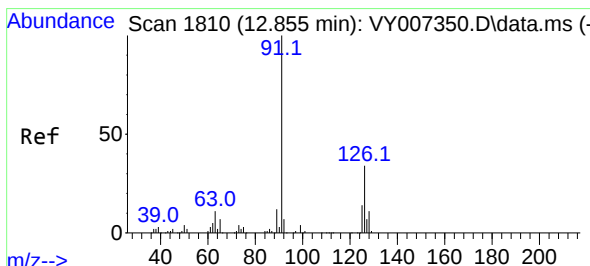
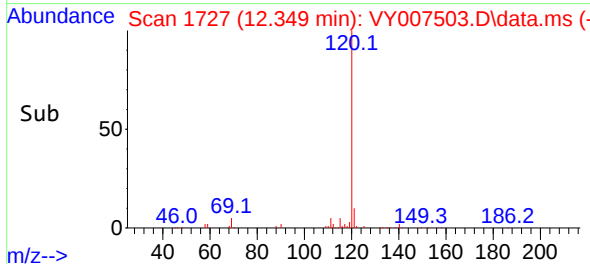
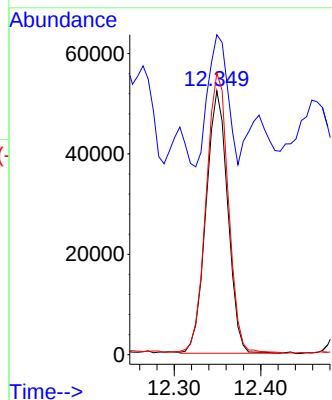
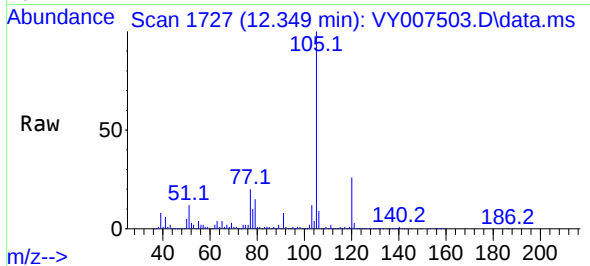




#81
trans-1,4-Dichloro-2-butene
Concen: 2006.266 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.031 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

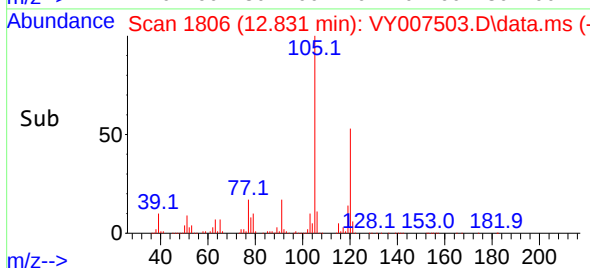
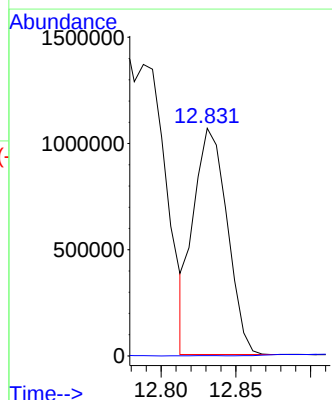
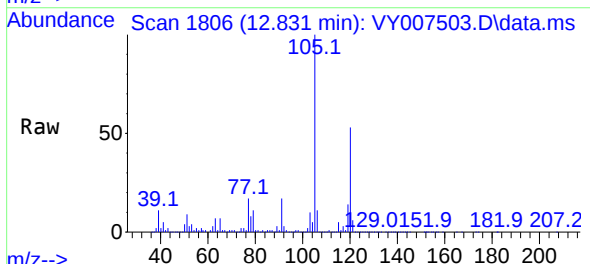
Instrument :
MSVOA_Y
ClientSampleId :

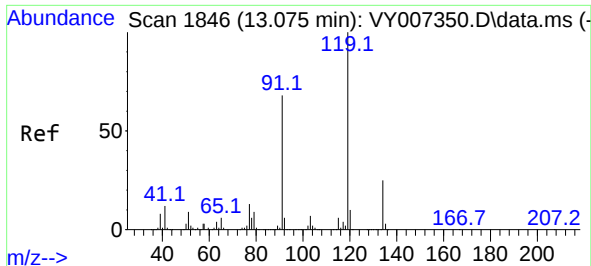
Tgt Ion: 75 Resp: 91211
Ion Ratio Lower Upper
75 100
53 44.8 85.3 127.9#
89 110.1 37.0 55.4#



#82
4-Chlorotoluene
Concen: 3377.040 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. -0.024 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

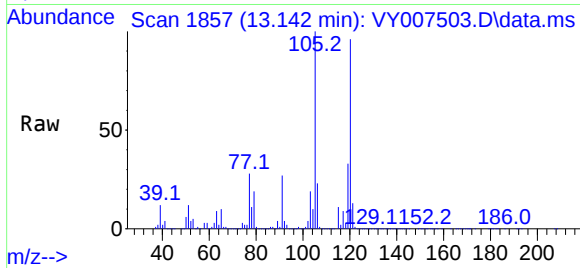
Tgt Ion: 91 Resp: 1663916
Ion Ratio Lower Upper
91 100
126 0.1 17.0 51.0#



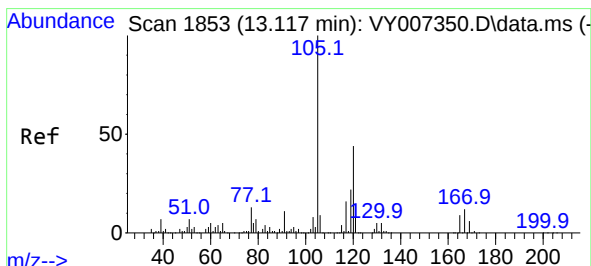
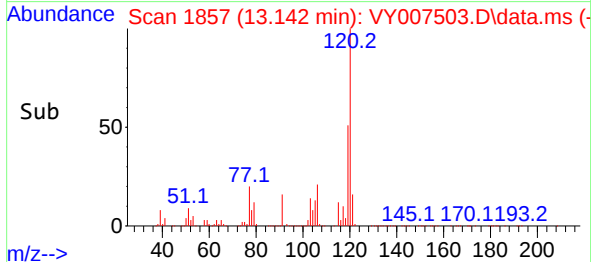
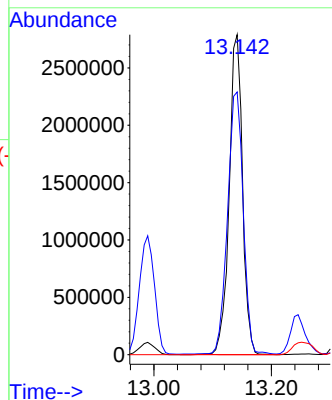


#83
tert-Butylbenzene
Concen: 8383.519 ug/l
RT: 13.142 min Scan# 1857
Delta R.T. 0.067 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Instrument :
MSVOA_Y
ClientSampleId :

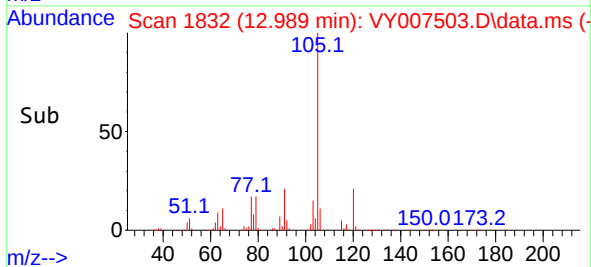
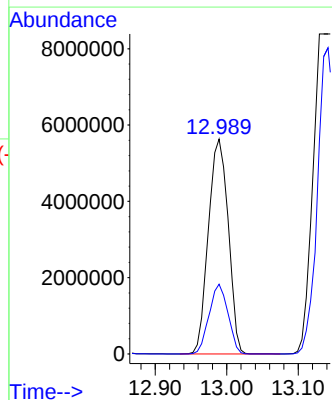
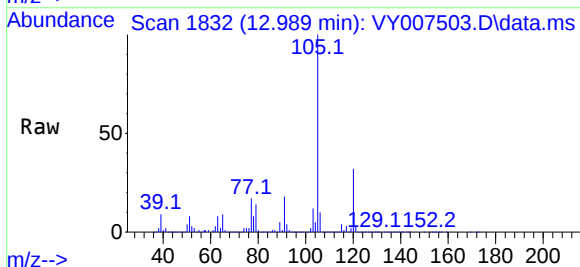


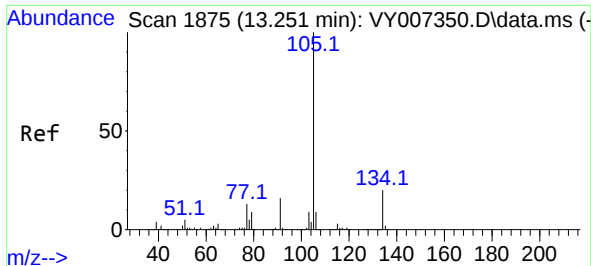
Tgt Ion:119 Resp: 4397313
Ion Ratio Lower Upper
119 100
91 96.1 34.8 104.4
134 0.0 13.3 39.9#



#84
1,2,4-Trimethylbenzene
Concen: 18681.013 ug/l
RT: 12.989 min Scan# 1832
Delta R.T. -0.128 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion:105 Resp:10870250
Ion Ratio Lower Upper
105 100
120 30.9 22.3 66.9

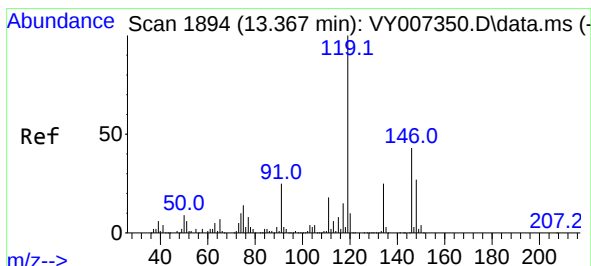
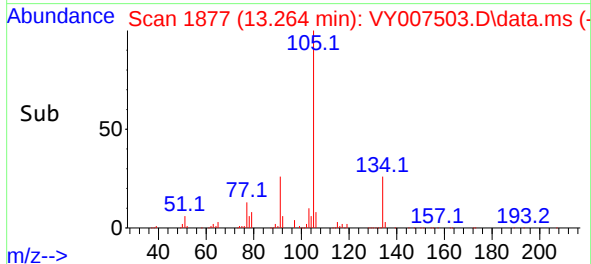
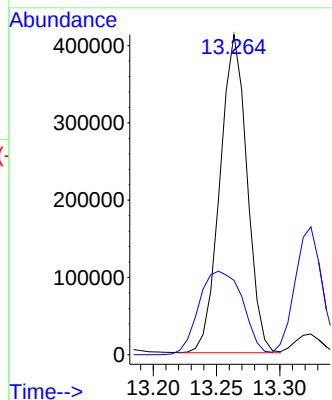
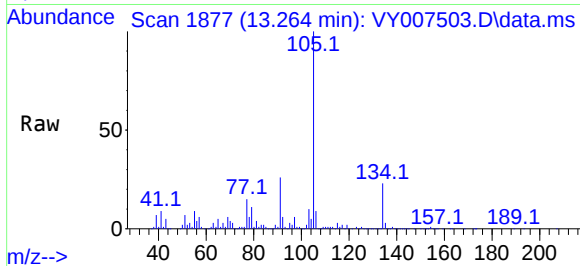




#85
 sec-Butylbenzene
 Concen: 792.295 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.013 min
 Lab File: VY007503.D
 Acq: 15 Feb 2022 15:07

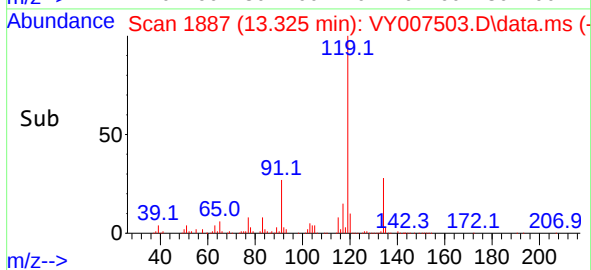
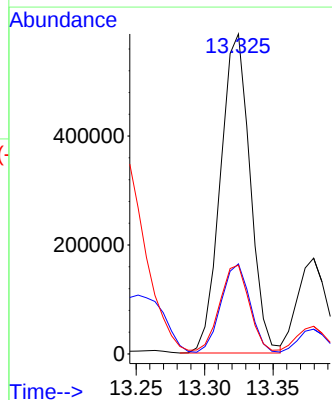
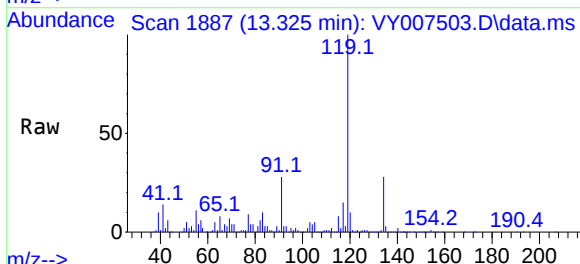
Instrument :
 MSVOA_Y
 ClientSampleId :

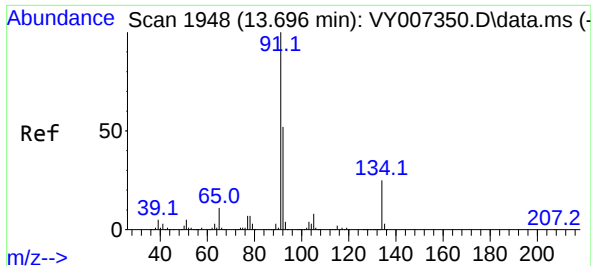
Tgt Ion:105 Resp: 612589
 Ion Ratio Lower Upper
 105 100
 134 42.6 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 1384.429 ug/l
 RT: 13.325 min Scan# 1887
 Delta R.T. -0.042 min
 Lab File: VY007503.D
 Acq: 15 Feb 2022 15:07

Tgt Ion:119 Resp: 881691
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.2 39.5
 91 25.8 12.4 37.2

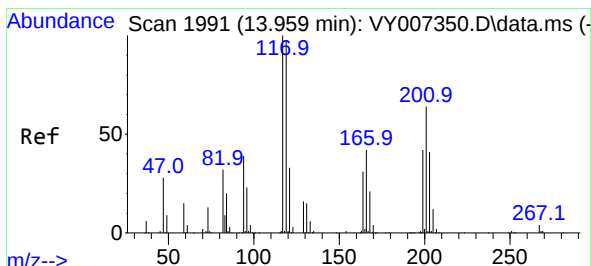
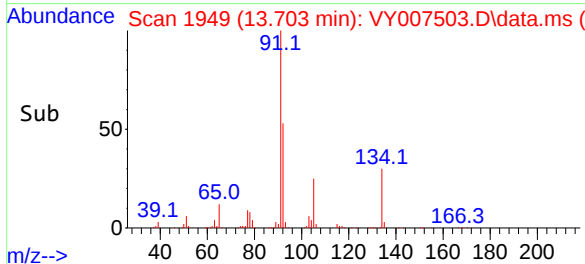
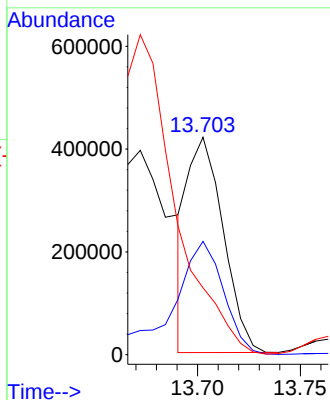
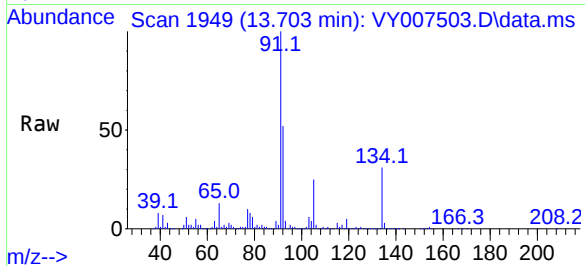




#89
n-Butylbenzene
Concen: 830.924 ug/l
RT: 13.703 min Scan# 1948
Delta R.T. 0.007 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

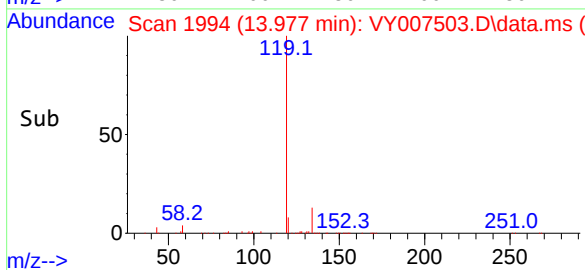
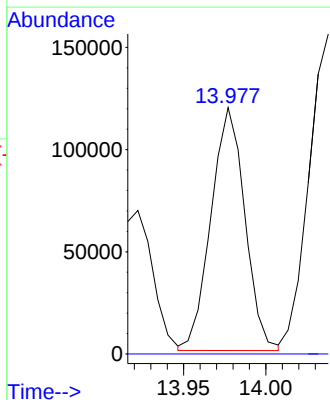
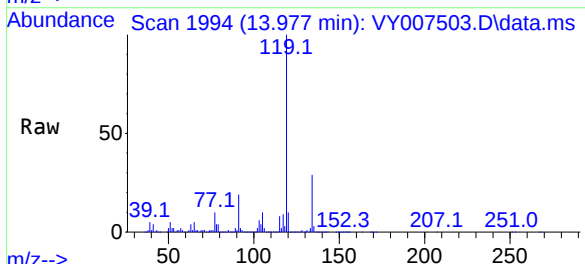
Instrument :
MSVOA_Y
ClientSampleId :

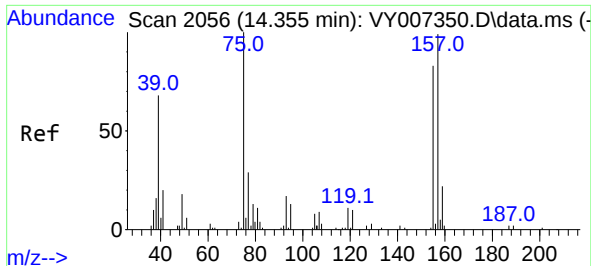
Tgt Ion: 91 Resp: 503235
Ion Ratio Lower Upper
91 100
92 75.7 26.3 78.9
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 1401.550 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.018 min
Lab File: VY007503.D
Acq: 15 Feb 2022 15:07

Tgt Ion: 117 Resp: 170561
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 258.345 ug/l

RT: 14.337 min Scan# 2056

Delta R.T. -0.018 min

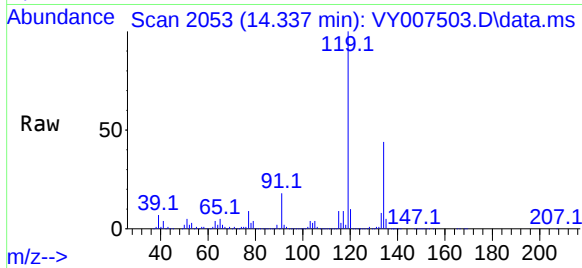
Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

Instrument :

MSVOA_Y

ClientSampleId :



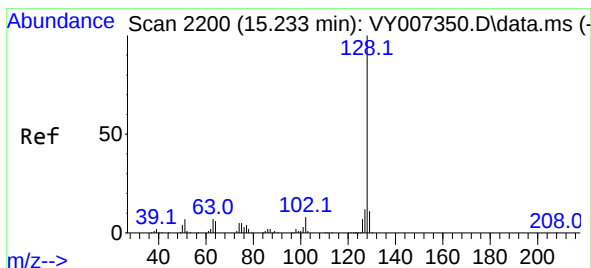
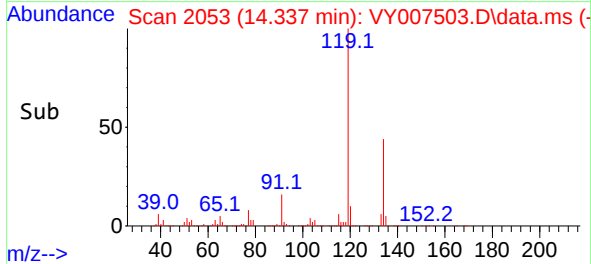
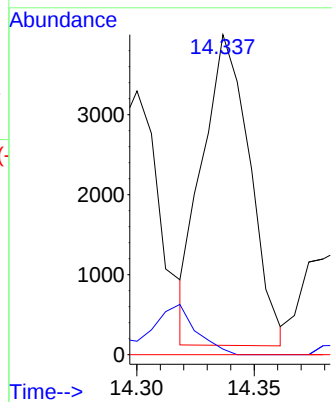
Tgt Ion: 75 Resp: 5443

Ion Ratio Lower Upper

75 100

155 0.0 38.0 113.9#

157 0.0 47.8 143.3#



#95

Napthalene

Concen: 921.411 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY007503.D

Acq: 15 Feb 2022 15:07

Tgt Ion:128 Resp: 320593

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

129 10.7 8.4 12.6

