

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007893blk.D
 Acq On : 18 Mar 2022 10:54
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 19 00:10:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.79
34) 1,4-Difluorobenzene	8.685	114	619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1770	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	423	0.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	7.728	113	88	20.243	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.480%#
50) Toluene-d8	10.185	98	979	77.790	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	155.580%#
62) 4-Bromofluorobenzene	12.483	95	1213	194.421	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	388.840%#
Target Compounds						
						Qvalue
36) 1,1-Dichloropropene	7.899	75	127	19.697	ug/l #	42
37) Ethyl Acetate	7.057	43	349	88.709	ug/l #	88
39) Methylcyclohexane	9.222	83	19	Below Cal	#	16
40) Benzene	8.167	78	699	37.099	ug/l #	69
41) Methacrylonitrile	7.289	41	344	141.780	ug/l #	8
42) 1,2-Dichloroethane	8.252	62	197	36.112	ug/l	85
43) Isopropyl Acetate	8.271	43	172	22.677	ug/l #	56
46) Dibromomethane	9.313	93	185	64.821	ug/l #	42
47) Bromodichloromethane	9.490	83	156	22.625	ug/l #	95
48) Methyl methacrylate	9.289	41	153	45.347	ug/l #	1
51) 4-Methyl-2-Pentanone	10.282	43	116	29.028	ug/l	91
52) Toluene	10.252	92	670	55.370	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	594	80.757	ug/l #	74
54) cis-1,3-Dichloropropene	9.929	75	250	30.479	ug/l #	46
55) 1,1,2-Trichloroethane	10.648	97	187	45.099	ug/l #	37
56) Ethyl methacrylate	10.526	69	298	50.061	ug/l #	59
57) 1,3-Dichloropropane	10.788	76	228	32.973	ug/l #	63
58) 2-Chloroethyl Vinyl ether	9.782	63	219	74.996	ug/l	90
59) 2-Hexanone	10.831	43	751	262.803	ug/l	82
60) Dibromochloromethane	10.983	129	55	11.075	ug/l #	1
61) 1,2-Dibromoethane	11.093	107	238	59.331	ug/l	93
64) Tetrachloroethene	10.715	164	132	9.584	ug/l #	62
65) Chlorobenzene	11.514	112	721	17.005	ug/l	90
67) Ethyl Benzene	11.593	91	1145	15.160	ug/l #	82
68) m/p-Xylenes	11.703	106	860	29.190	ug/l	81
69) o-Xylene	12.026	106	484	16.983	ug/l	100
70) Styrene	12.044	104	948	19.786	ug/l #	87
71) Bromoform	12.203	173	57	5.574	ug/l #	84
73) Isopropylbenzene	12.325	105	1108	7.405	ug/l	87
74) N-amyl acetate	12.142	43	480	10.873	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	340	10.556	ug/l #	56
76) 1,2,3-Trichloropropane	12.611	75	390	16.095	ug/l #	100
77) Bromobenzene	12.611	156	314	9.183	ug/l #	14
78) n-propylbenzene	12.666	91	1675	9.270	ug/l	100
79) 2-Chlorotoluene	12.758	91	1061	10.437	ug/l	81
80) 1,3,5-Trimethylbenzene	12.806	105	1343	10.914	ug/l	93

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

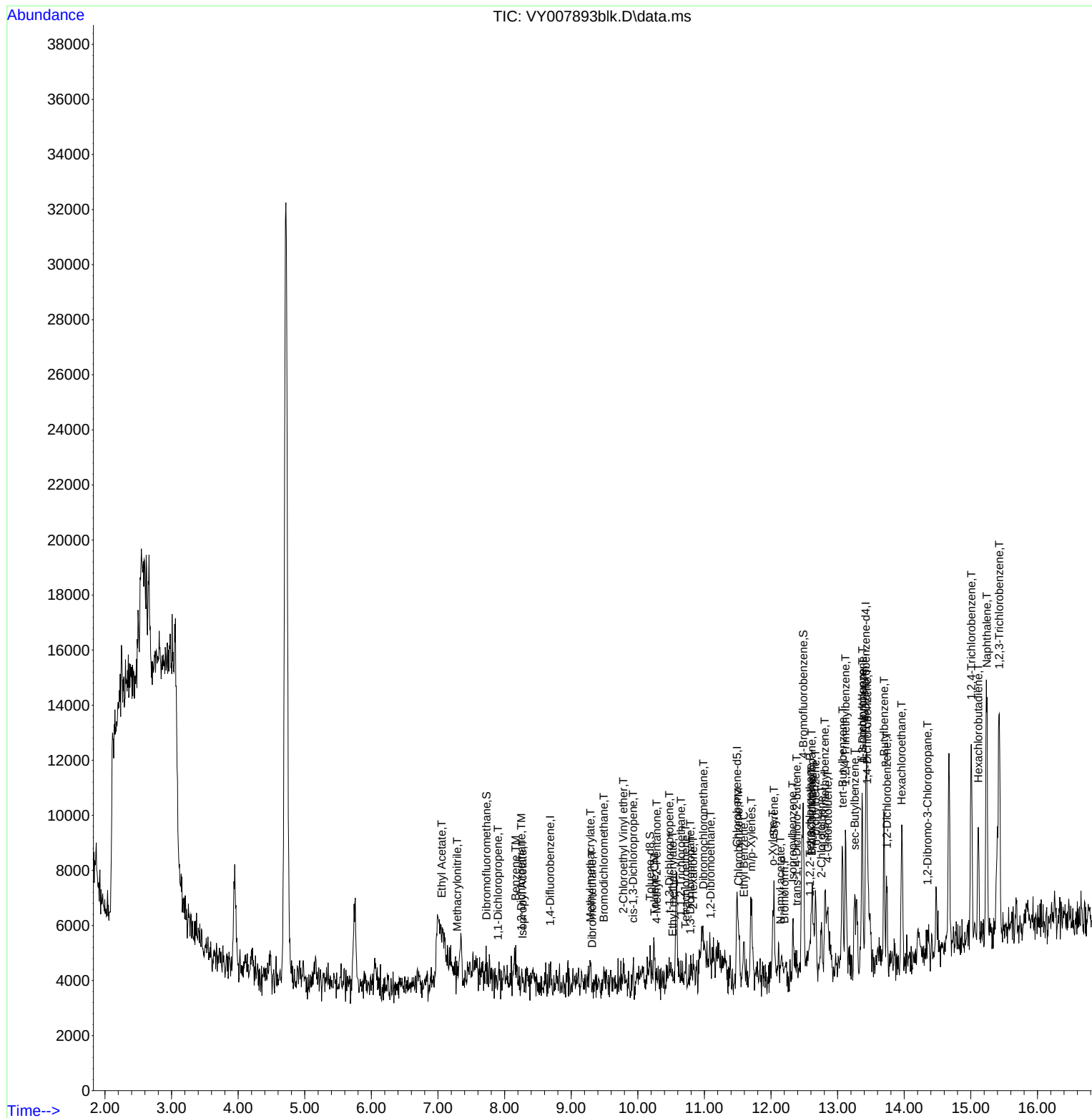
81) trans-1,4-Dichloro-2-b...	12.386	75	95	8.235	ug/l #	63
82) 4-Chlorotoluene	12.855	91	1397	13.228	ug/l	84
83) tert-Butylbenzene	13.075	119	902	8.191	ug/l	84
84) 1,2,4-Trimethylbenzene	13.117	105	1942	16.099	ug/l	95
85) sec-Butylbenzene	13.257	105	1819	11.022	ug/l	97
86) p-Isopropyltoluene	13.373	119	1733	12.935	ug/l	93
87) 1,3-Dichlorobenzene	13.373	146	1311	19.631	ug/l	93
88) 1,4-Dichlorobenzene	13.446	146	1531	22.874	ug/l	95
89) n-Butylbenzene	13.696	91	2000	15.555	ug/l	90
90) Hexachloroethane	13.959	117	254	9.498	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	1324	22.041	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.349	75	283	51.070	ug/l #	58
93) 1,2,4-Trichlorobenzene	15.007	180	2363	62.229	ug/l	94
94) Hexachlorobutadiene	15.111	225	708	34.948	ug/l	94
95) Naphthalene	15.239	128	7352	86.779	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.428	180	2476	73.928	ug/l	87

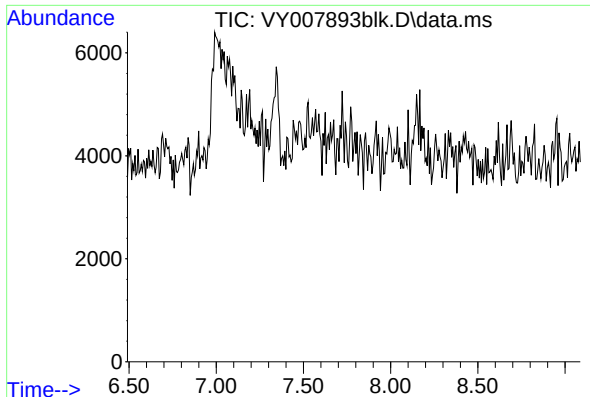
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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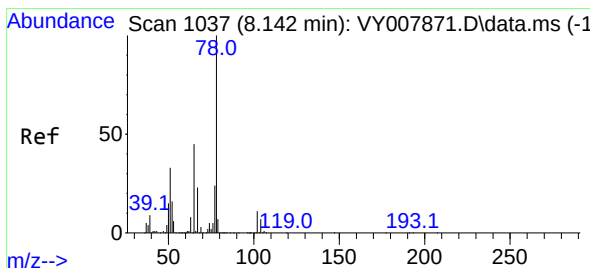
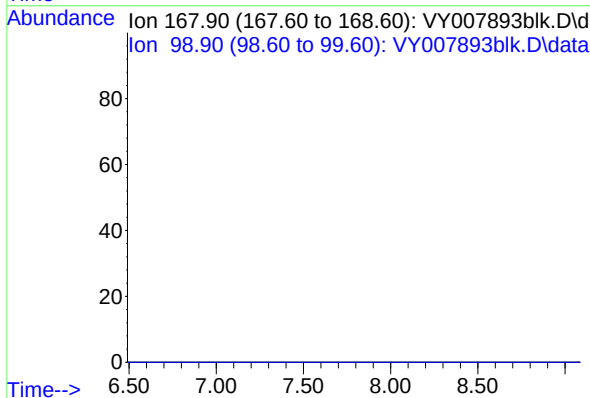


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.79 min

Instrument :
MSVOA_Y
ClientSampleId :

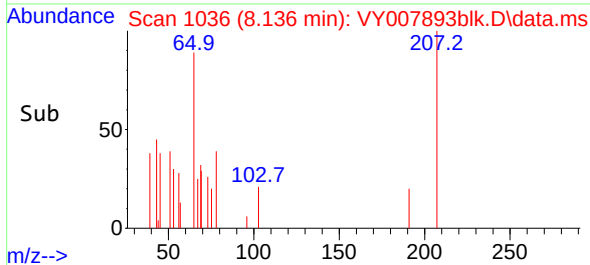
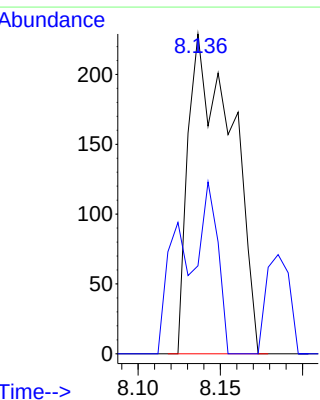
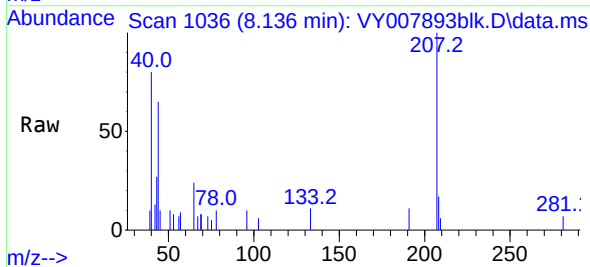
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

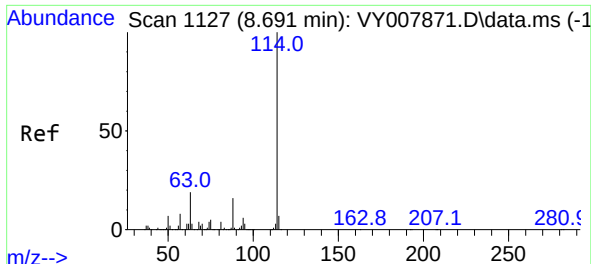
Tgt Ion: 168
Sig Exp Ratio
168 100
99 58.6



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion: 65 Resp: 423
Ion Ratio Lower Upper
65 100
67 22.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007893blk.D

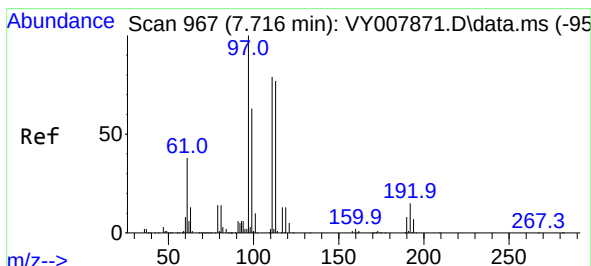
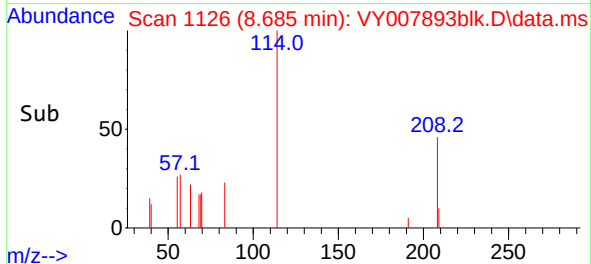
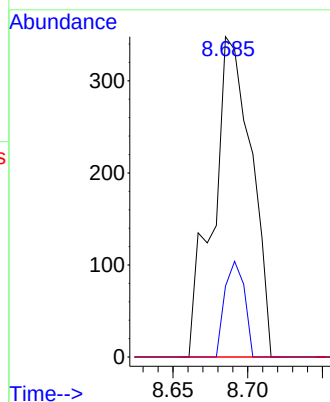
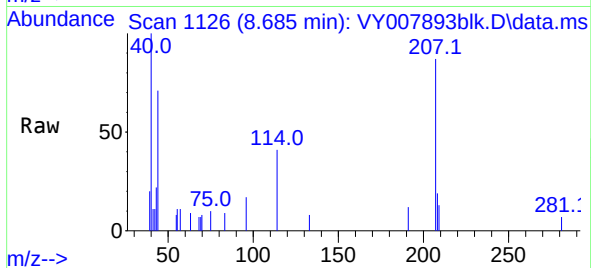
Acq: 18 Mar 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	619
Ion	Ratio	Lower Upper
114	100	
63	22.1	0.0 43.2
88	0.0	0.0 31.8



#35

Dibromofluoromethane

Concen: 20.243 ug/l

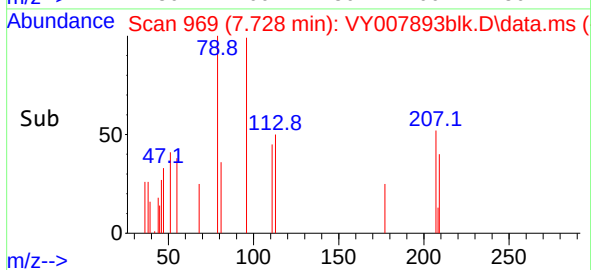
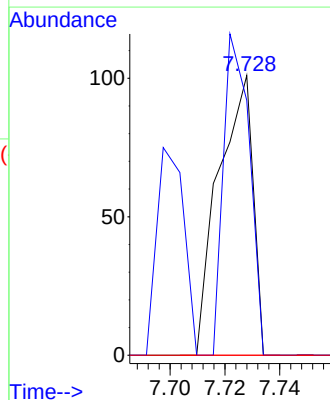
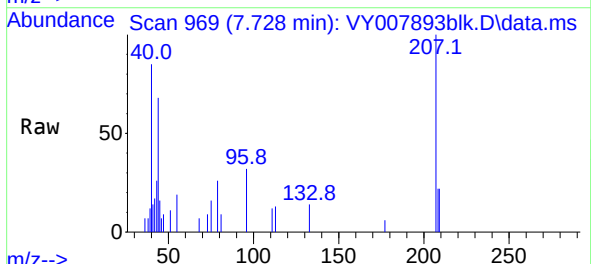
RT: 7.728 min Scan# 969

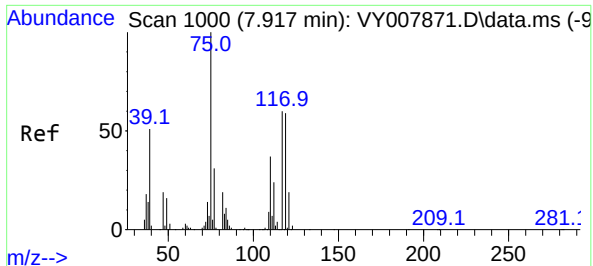
Delta R.T. 0.012 min

Lab File: VY007893blk.D

Acq: 18 Mar 2022 10:54

Tgt Ion:113	Resp:	88
Ion	Ratio	Lower Upper
113	100	
111	86.4	82.6 124.0
192	0.0	17.6 26.4





#36

1,1-Dichloropropene

Concen: 19.697 ug/l

RT: 7.899 min Scan# 91

Delta R.T. -0.018 min

Lab File: VY007893blk.D

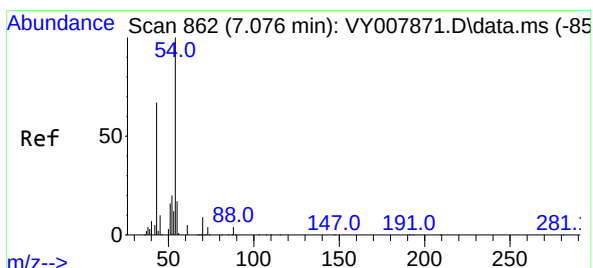
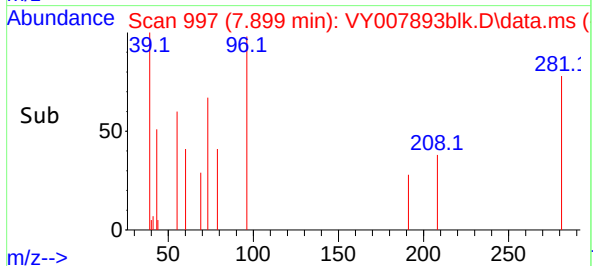
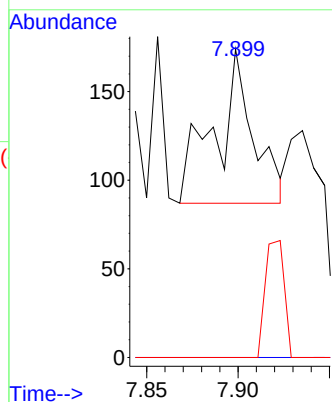
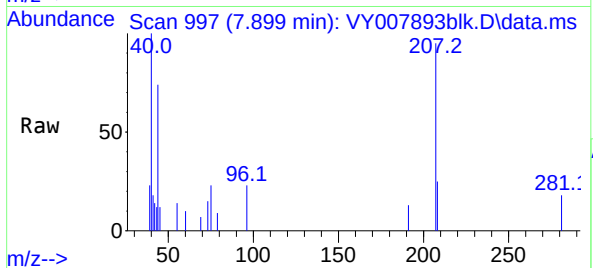
Acq: 18 Mar 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	127
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.4	36.6#



#37

Ethyl Acetate

Concen: 88.709 ug/l

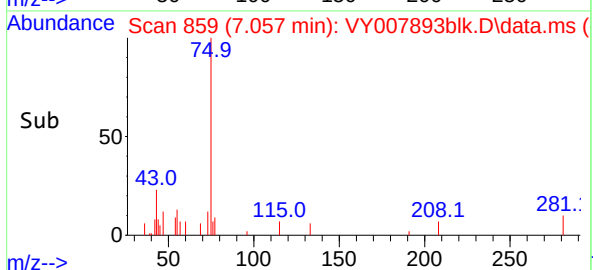
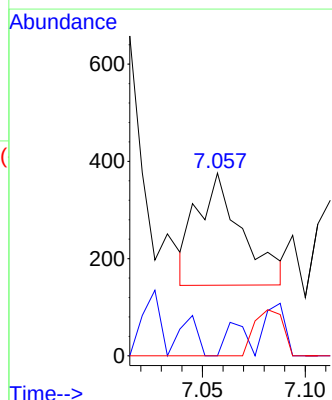
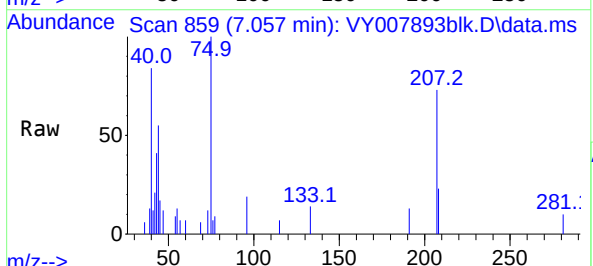
RT: 7.057 min Scan# 859

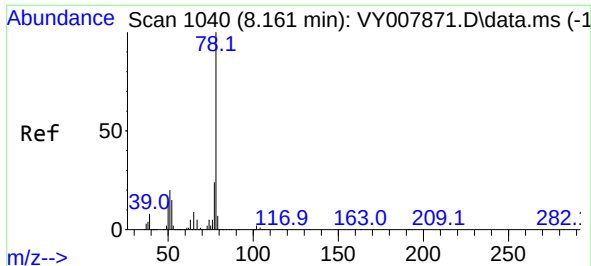
Delta R.T. -0.012 min

Lab File: VY007893blk.D

Acq: 18 Mar 2022 10:54

Tgt Ion:	43	Resp:	349
Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.7	14.5
70	0.0	7.1	10.7#

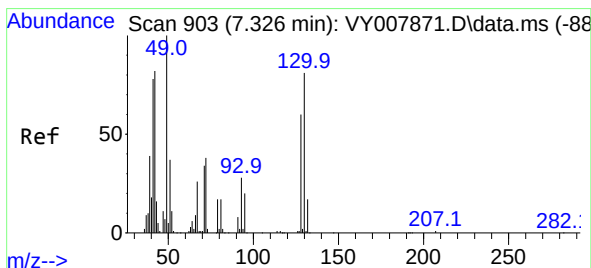
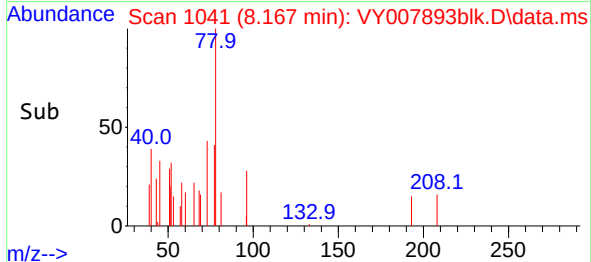
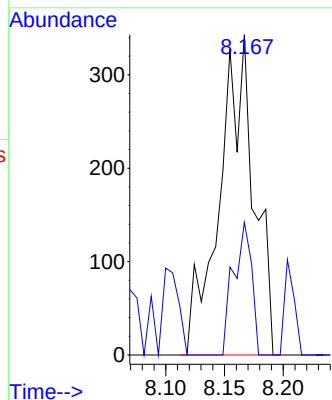
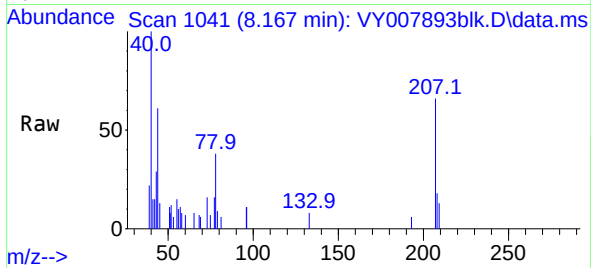




#40
Benzene
Concen: 37.099 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

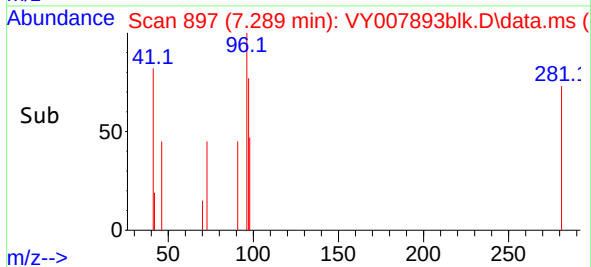
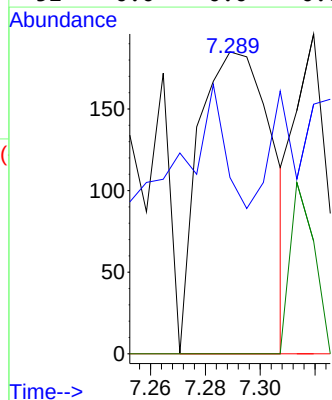
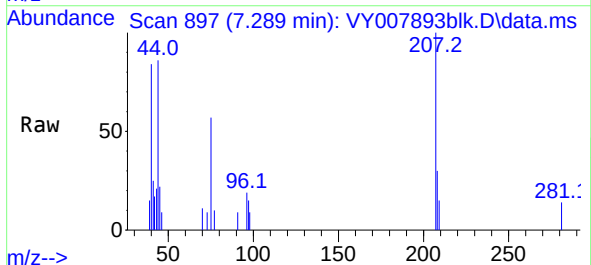
Instrument :
MSVOA_Y
ClientSampleId :

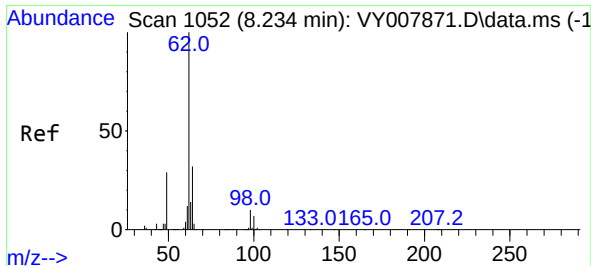
Tgt Ion: 78 Resp: 699
Ion Ratio Lower Upper
78 100
77 41.4 20.4 30.6#



#41
Methacrylonitrile
Concen: 141.780 ug/l
RT: 7.289 min Scan# 897
Delta R.T. -0.018 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion: 41 Resp: 344
Ion Ratio Lower Upper
41 100
39 16.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

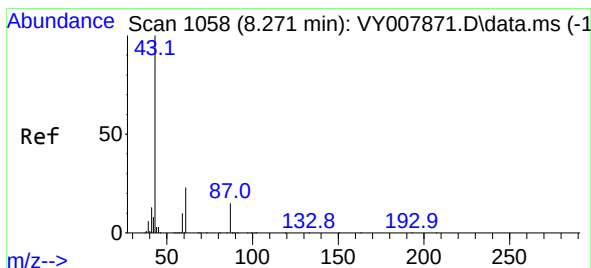
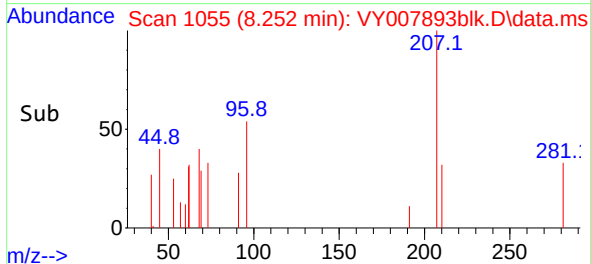
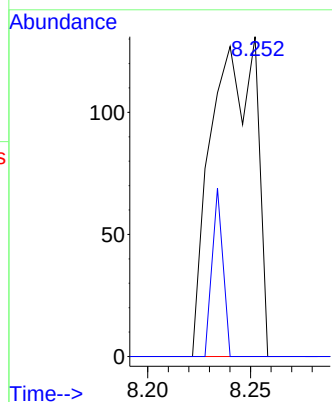
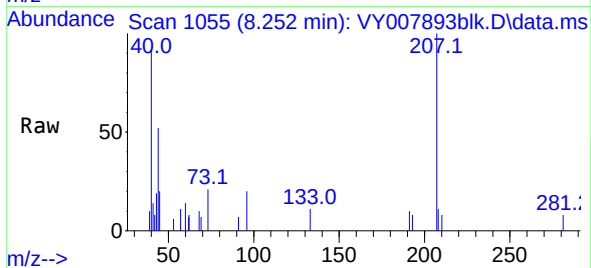




#42
1,2-Dichloroethane
Concen: 36.112 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.018 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

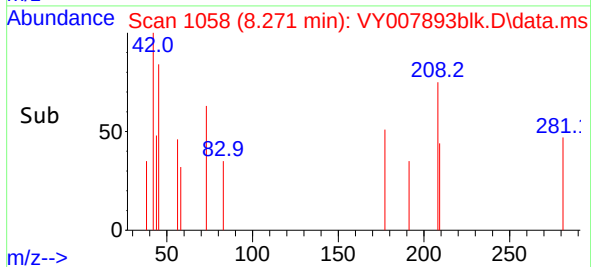
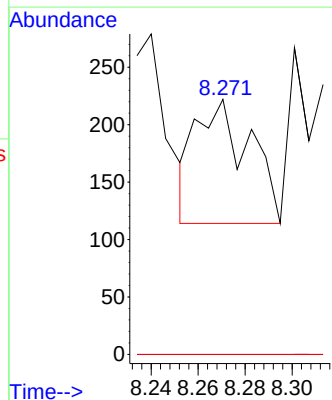
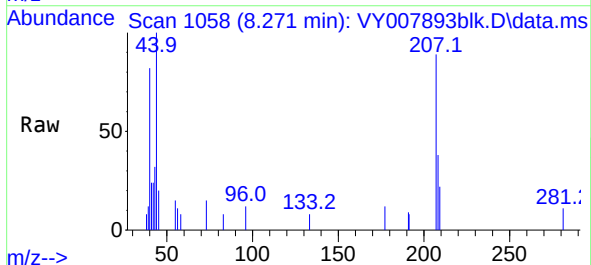
Instrument :
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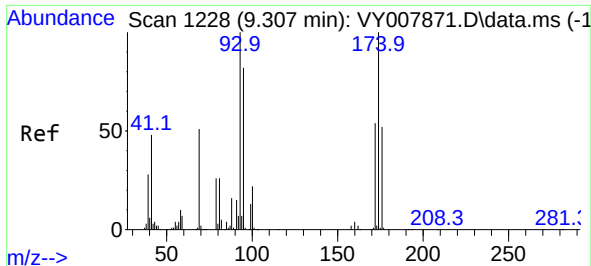
Tgt Ion: 62 Resp: 197
Ion Ratio Lower Upper
62 100
98 12.7 0.0 14.8



#43
Isopropyl Acetate
Concen: 22.677 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

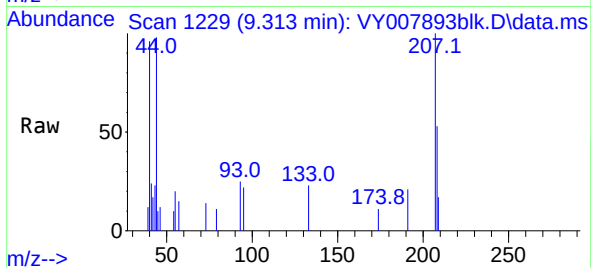
Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 8.9 13.3#



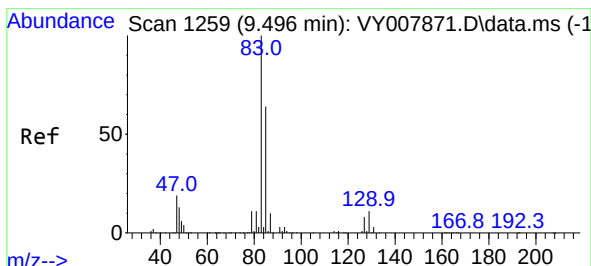
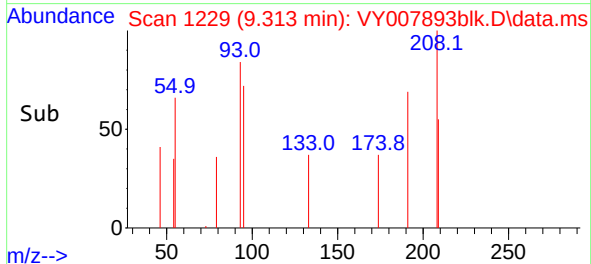
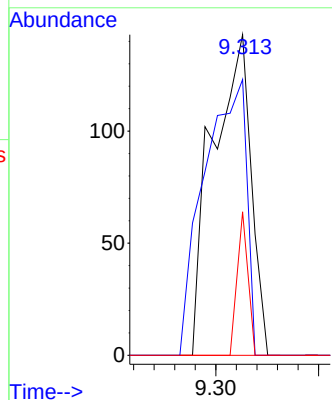


#46
Dibromomethane
Concen: 64.821 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Instrument :
MSVOA_Y
ClientSampleId :

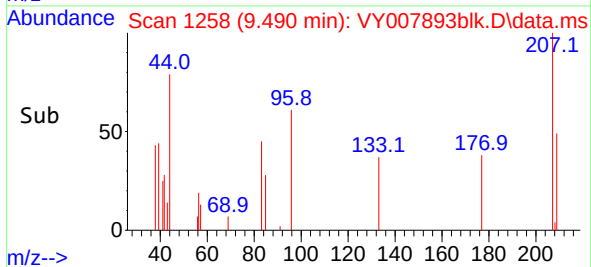
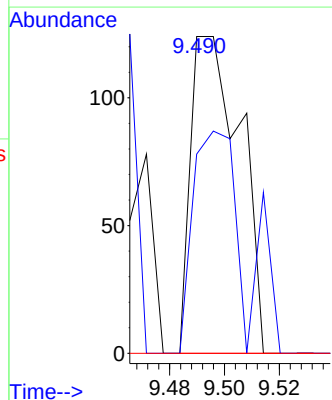
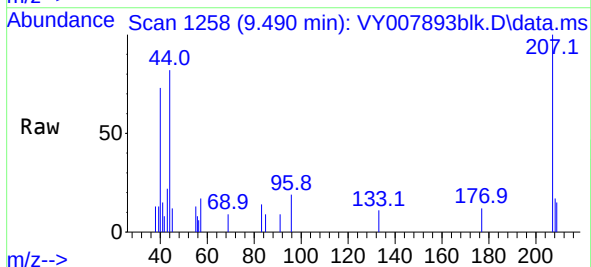


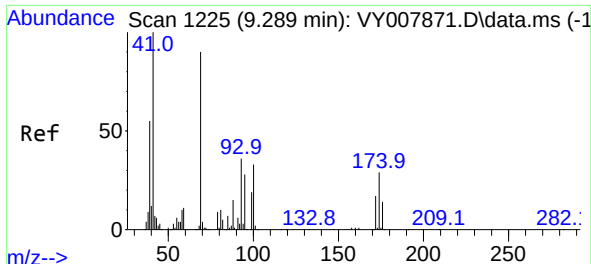
Tgt Ion: 93 Resp: 185
Ion Ratio Lower Upper
93 100
95 94.6 64.3 96.5
174 12.4 83.4 125.0#



#47
Bromodichloromethane
Concen: 22.625 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion: 83 Resp: 156
Ion Ratio Lower Upper
83 100
85 62.9 51.9 77.9
127 0.0 6.6 10.0#

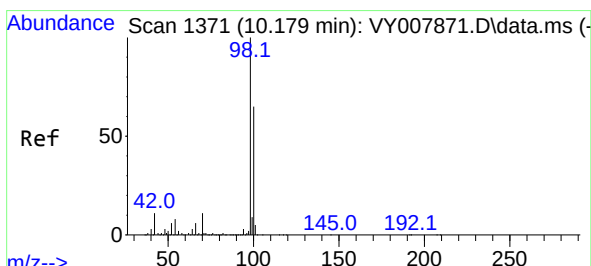
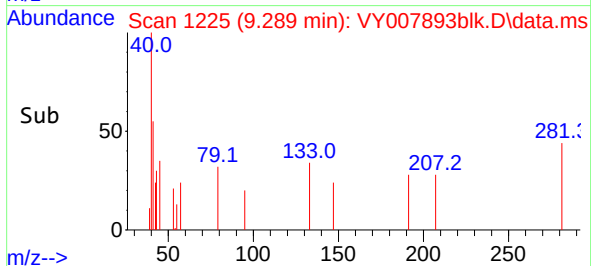
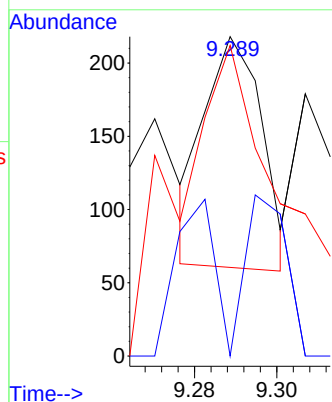
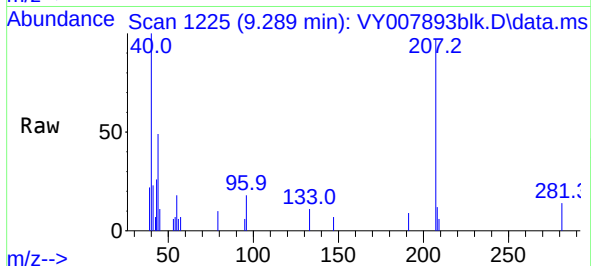




#48
Methyl methacrylate
Concen: 45.347 ug/l
RT: 9.289 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

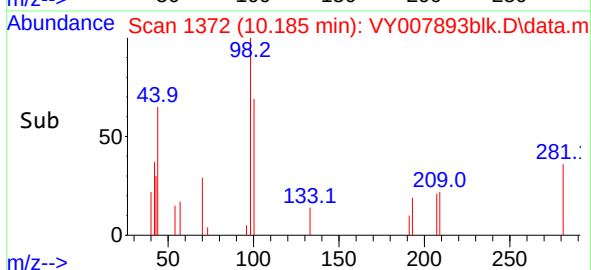
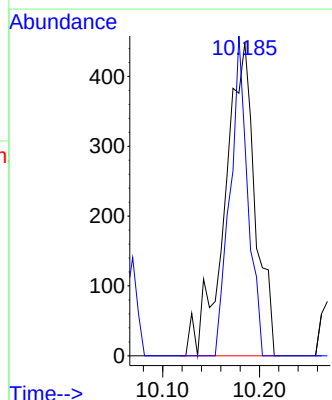
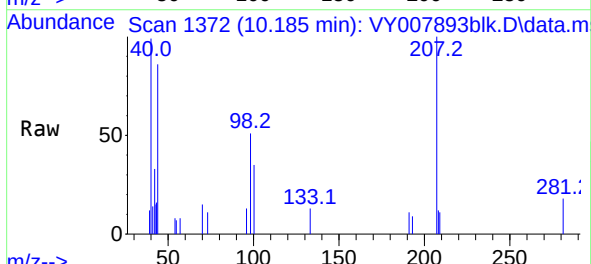
Instrument :
MSVOA_Y
ClientSampleId :

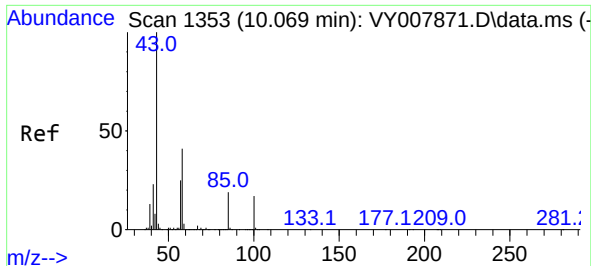
Tgt Ion:	41	Resp:	153
Ion	Ratio	Lower	Upper
41	100		
69	49.7	58.2	87.2#
39	243.1	47.4	71.0#



#50
Toluene-d8
Concen: 77.790 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion:	98	Resp:	979
Ion	Ratio	Lower	Upper
98	100		
100	59.3	50.2	75.2

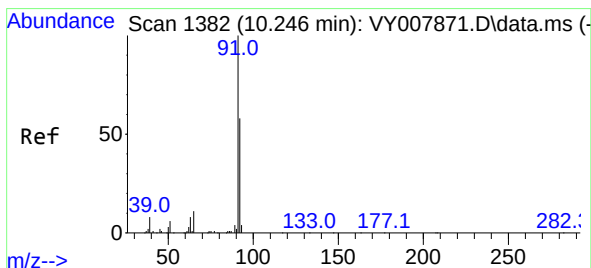
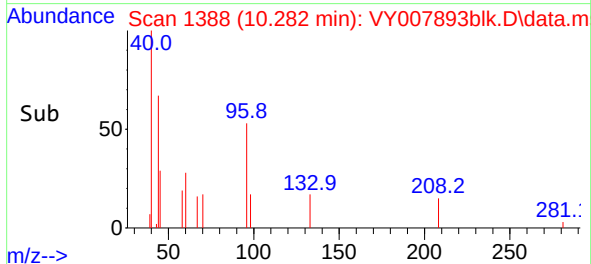
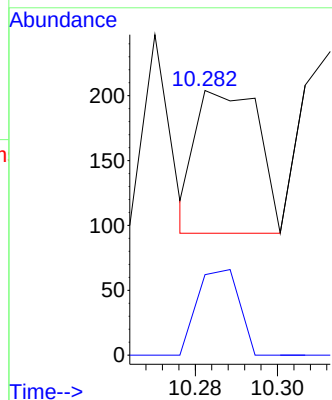
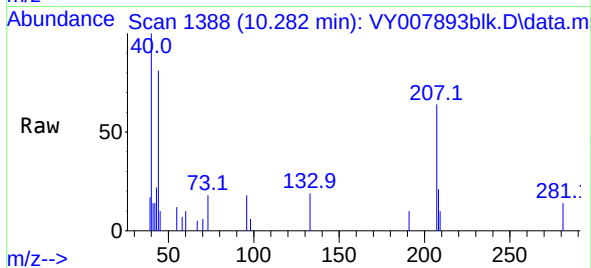




#51
4-Methyl-2-Pentanone
Concen: 29.028 ug/l
RT: 10.282 min Scan# 1388
Delta R.T. 0.213 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

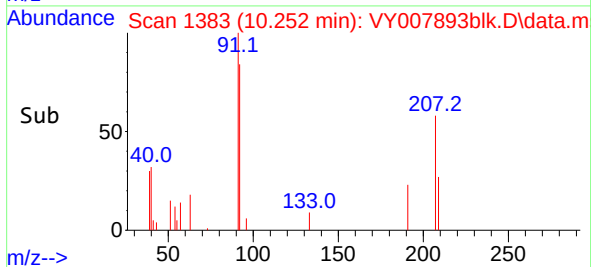
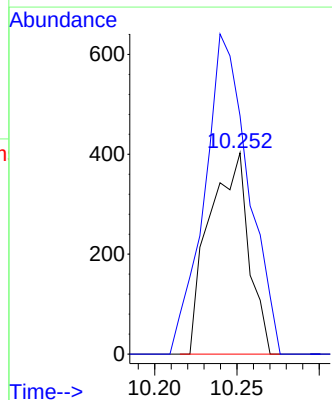
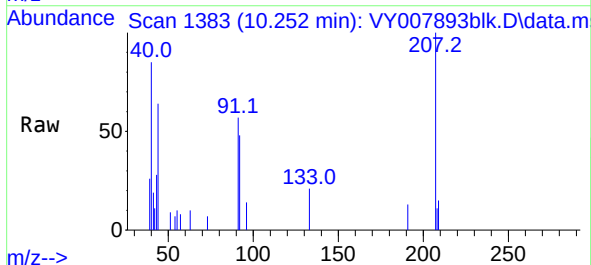
Instrument :
MSVOA_Y
ClientSampleId :

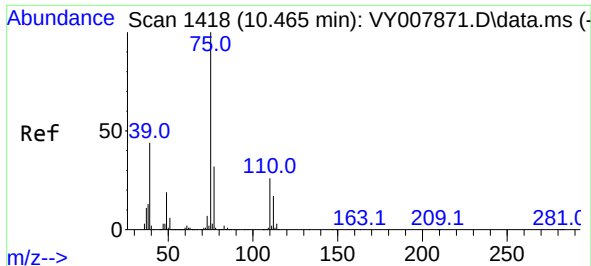
Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
58 40.5 28.1 42.1



#52
Toluene
Concen: 55.370 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion: 92 Resp: 670
Ion Ratio Lower Upper
92 100
91 177.6 142.6 213.8

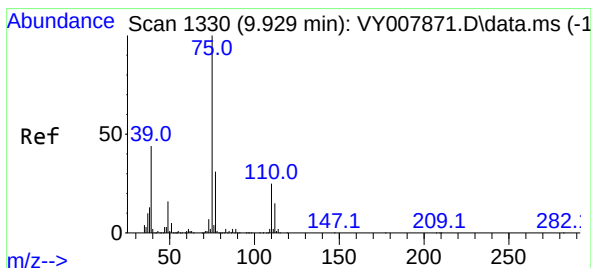
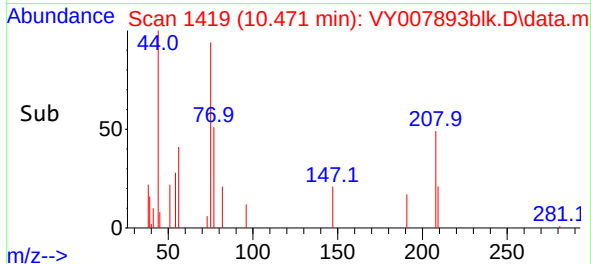
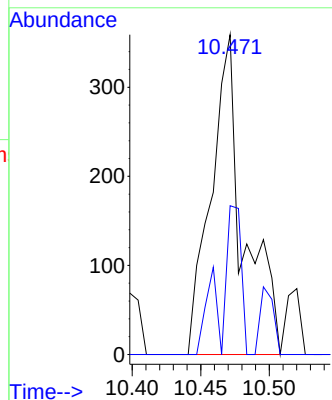
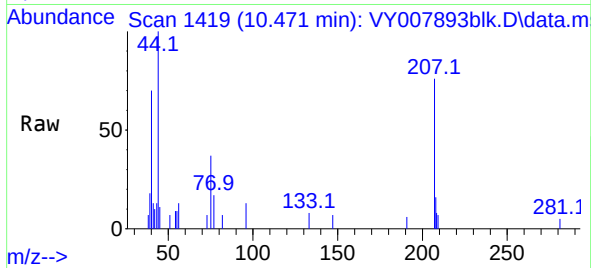




#53
t-1,3-Dichloropropene
Concen: 80.757 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

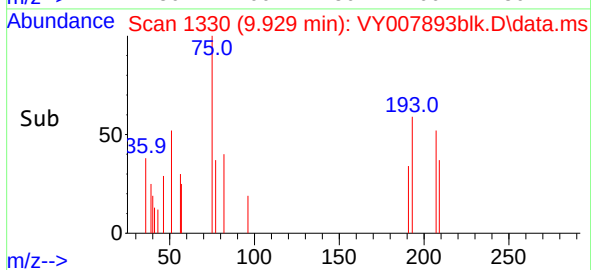
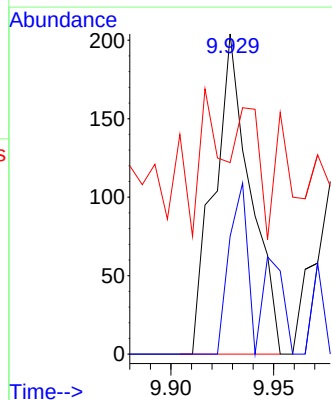
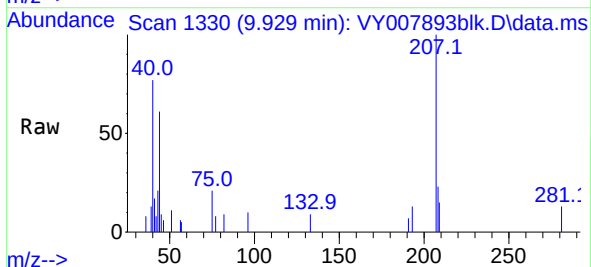
Instrument :
MSVOA_Y
ClientSampleId :

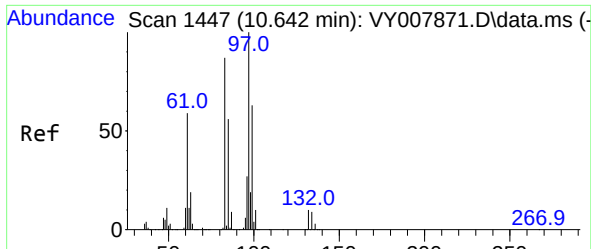
Tgt Ion: 75 Resp: 594
Ion Ratio Lower Upper
75 100
77 46.5 25.4 38.2#



#54
cis-1,3-Dichloropropene
Concen: 30.479 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

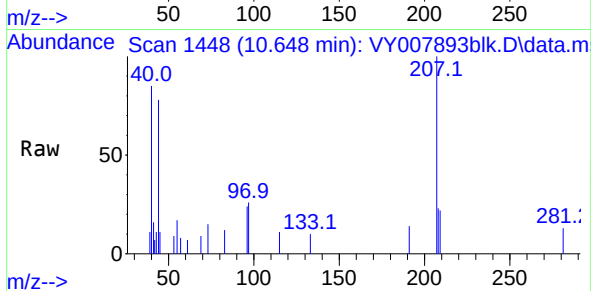
Tgt Ion: 75 Resp: 250
Ion Ratio Lower Upper
75 100
77 36.8 25.6 38.4
39 0.0 47.6 71.4#



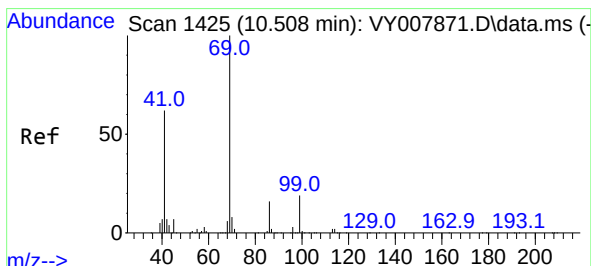
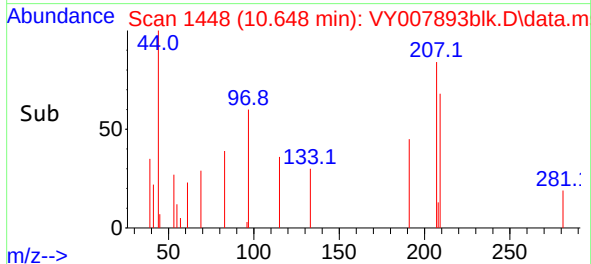
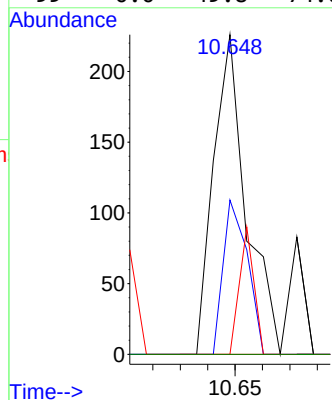


#55
1,1,2-Trichloroethane
Concen: 45.099 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Instrument :
MSVOA_Y
ClientSampleId :

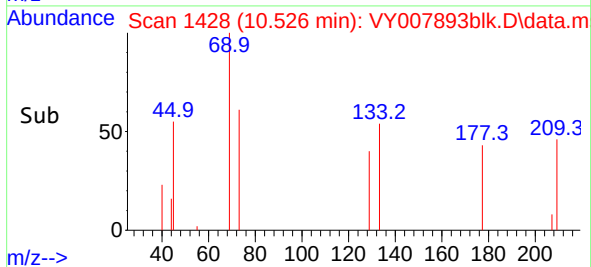
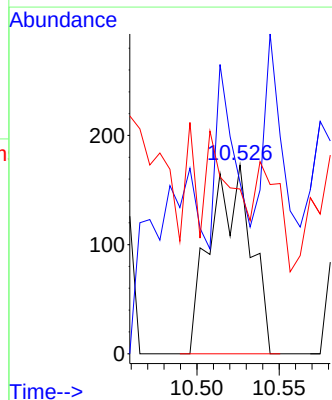
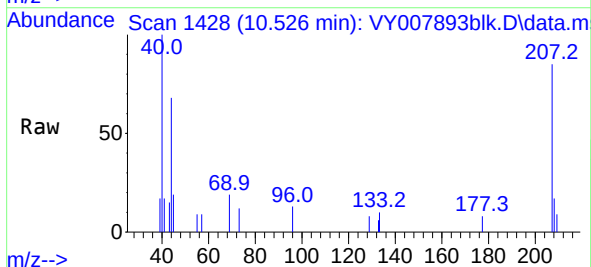


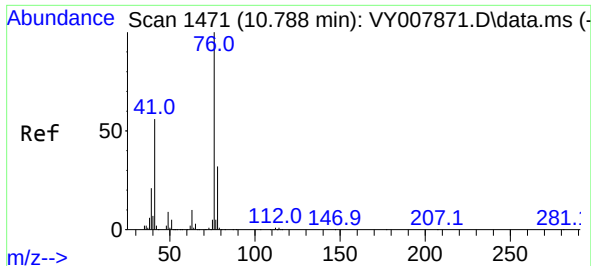
Tgt Ion: 97 Resp: 187
Ion Ratio Lower Upper
97 100
83 48.2 69.8 104.8#
85 0.0 44.3 66.5#
99 0.0 49.8 74.6#



#56
Ethyl methacrylate
Concen: 50.061 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.018 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion: 69 Resp: 298
Ion Ratio Lower Upper
69 100
41 57.0 63.4 95.0#
39 0.0 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 32.973 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY007893blk.D

Acq: 18 Mar 2022 10:54

Instrument :

MSVOA_Y

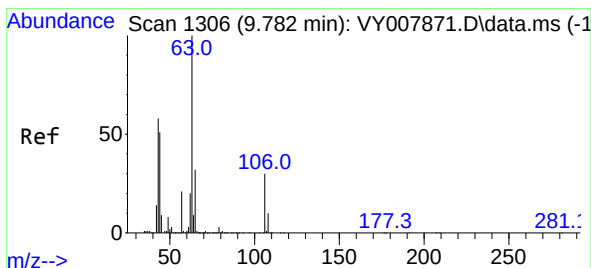
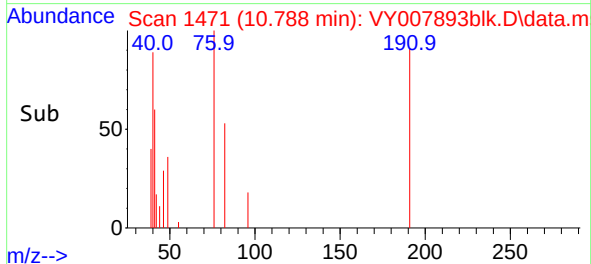
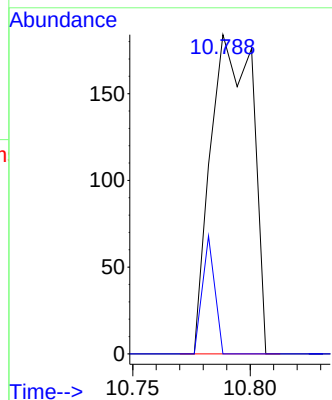
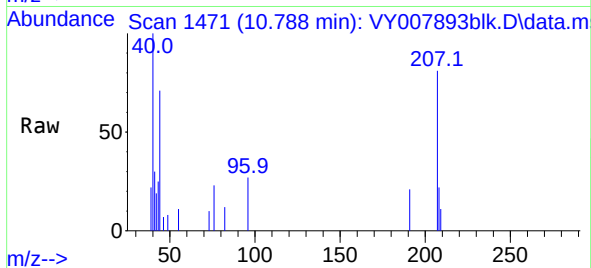
ClientSampleId :

Tgt Ion: 76 Resp: 228

Ion Ratio Lower Upper

76 100

78 11.0 25.0 37.6#



#58

2-Chloroethyl Vinyl ether

Concen: 74.996 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007893blk.D

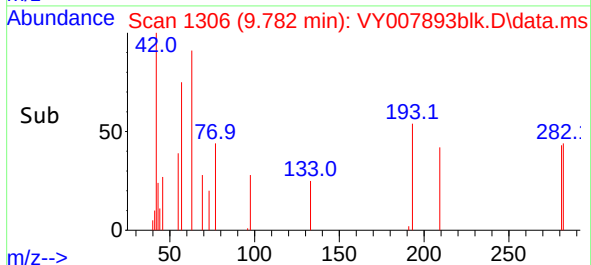
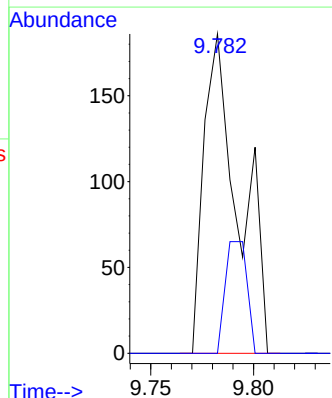
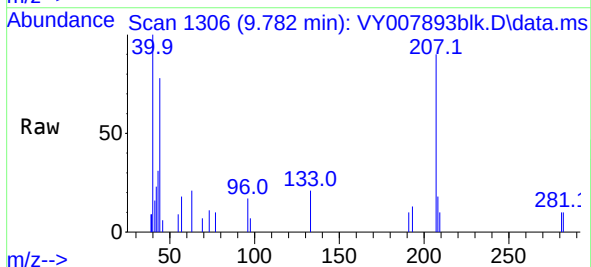
Acq: 18 Mar 2022 10:54

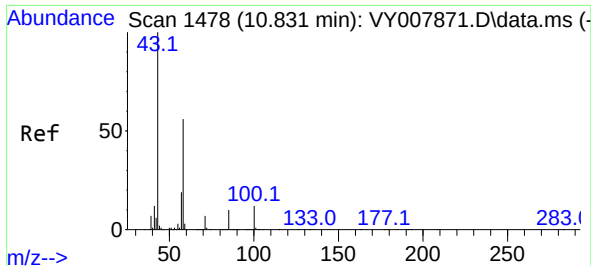
Tgt Ion: 63 Resp: 219

Ion Ratio Lower Upper

63 100

106 21.9 21.5 32.3

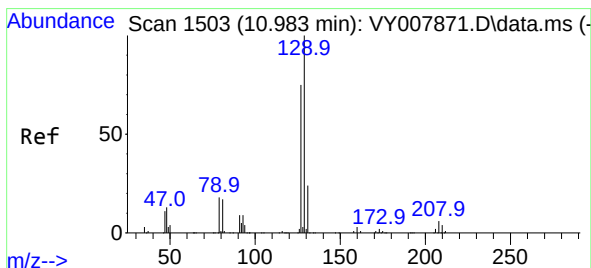
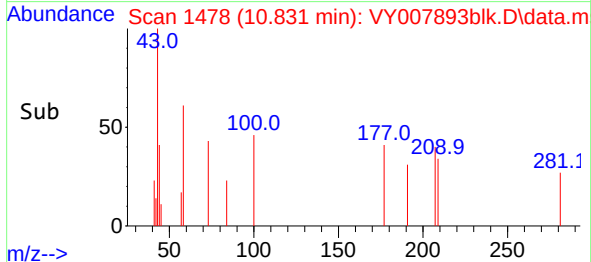
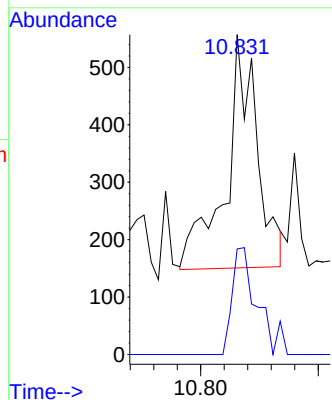
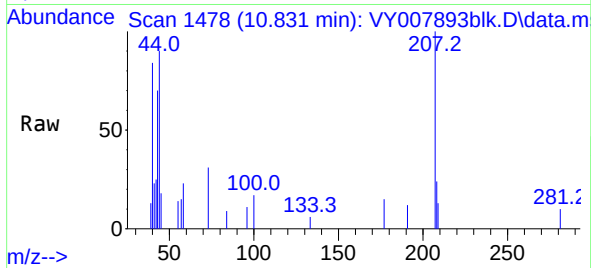




#59
2-Hexanone
Concen: 262.803 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

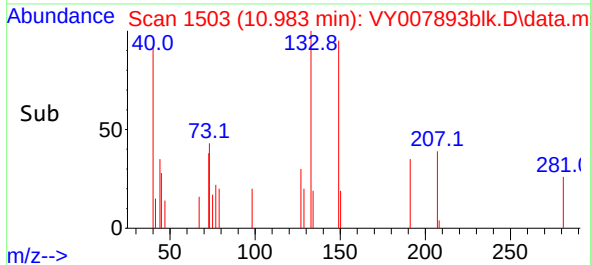
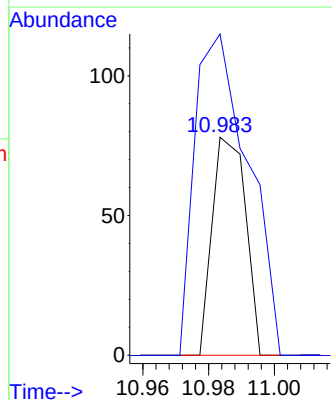
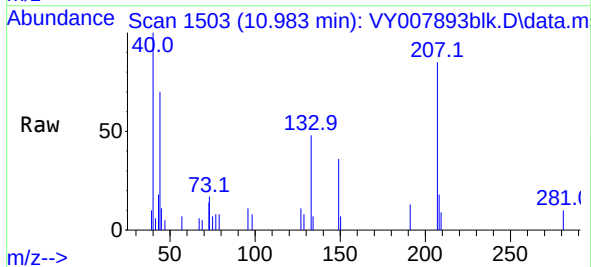
Instrument :
MSVOA_Y
ClientSampleId :

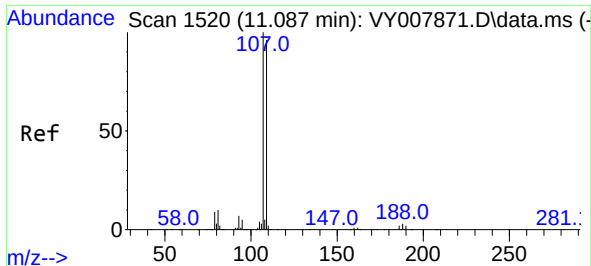
Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 36.6 24.4 73.4



#60
Dibromochloromethane
Concen: 11.075 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion: 129 Resp: 55
Ion Ratio Lower Upper
129 100
127 236.4 38.7 116.1#

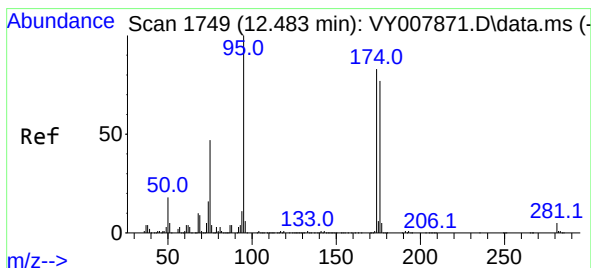
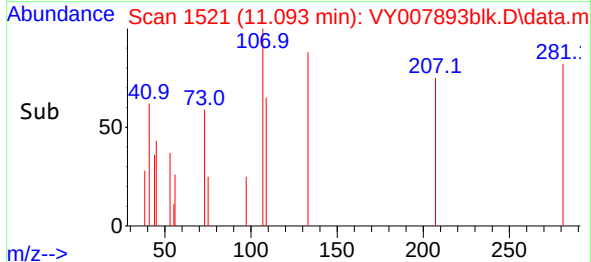
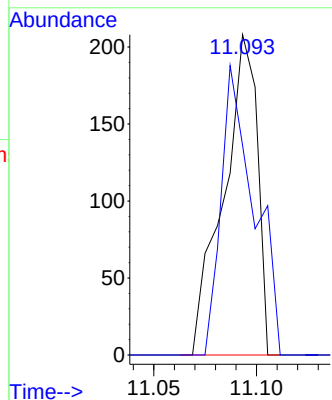
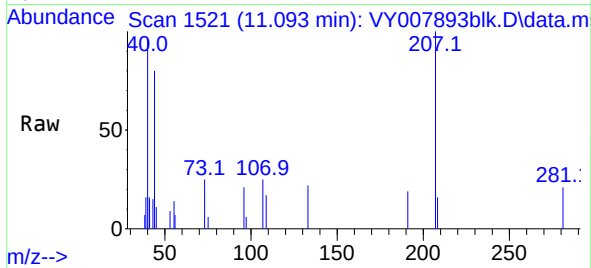




#61
1,2-Dibromoethane
Concen: 59.331 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

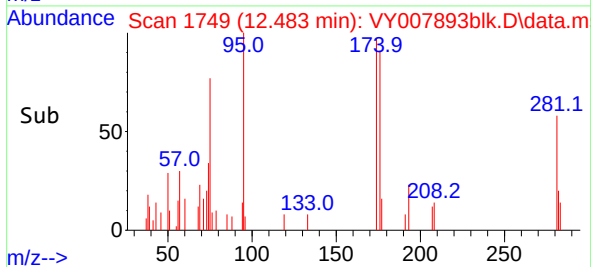
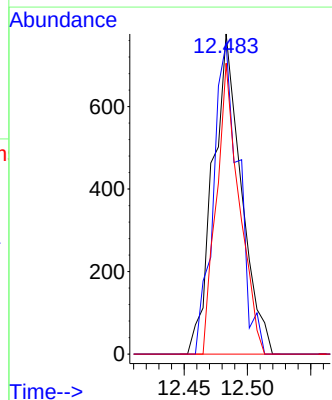
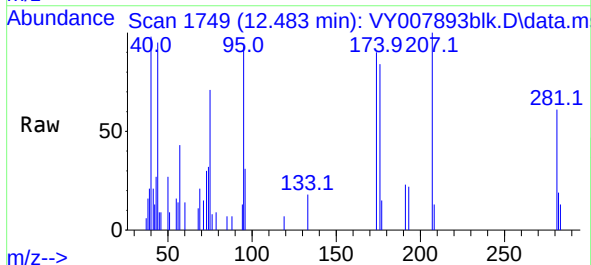
Instrument :
MSVOA_Y
ClientSampleId :

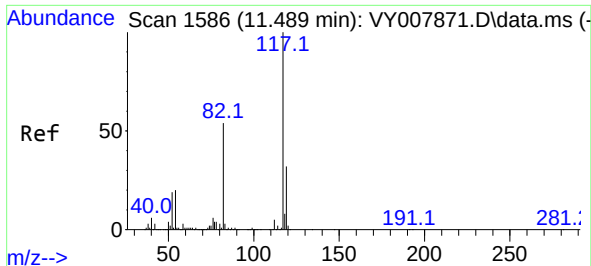
Tgt Ion:107 Resp: 238
Ion Ratio Lower Upper
107 100
109 87.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 194.421 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion: 95 Resp: 1213
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 73.0 0.0 175.8

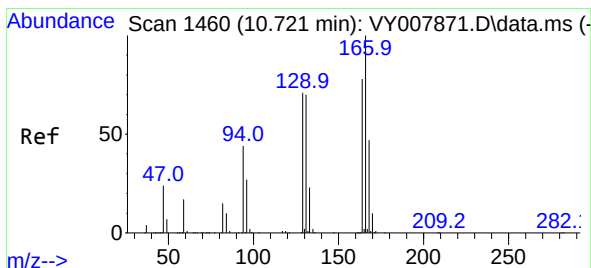
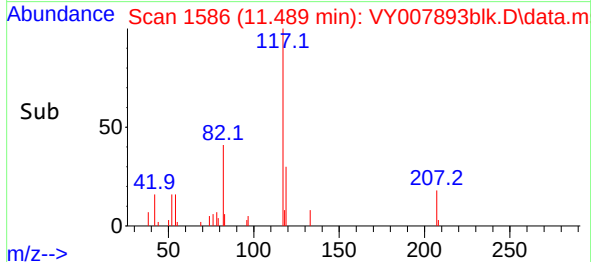
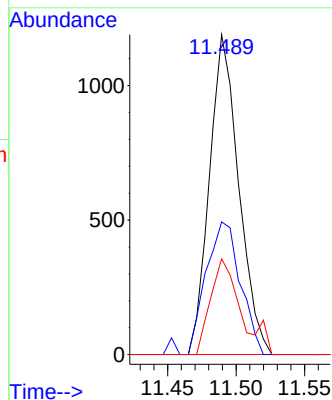
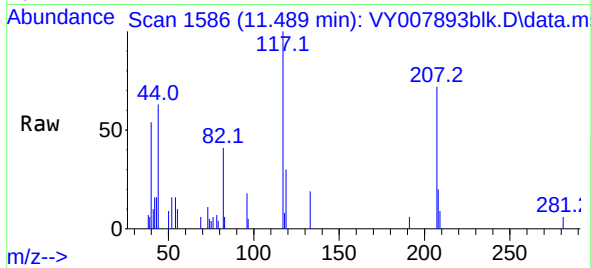




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

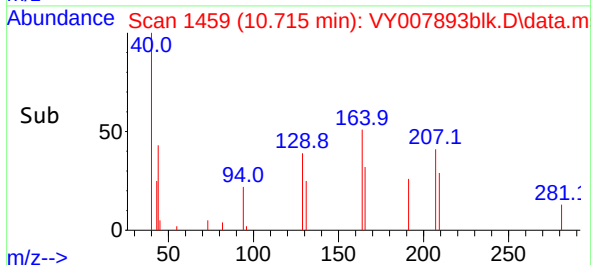
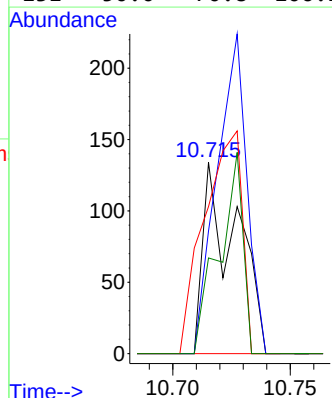
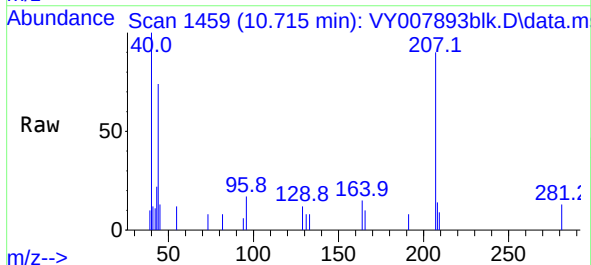
Instrument :
MSVOA_Y
ClientSampleId :

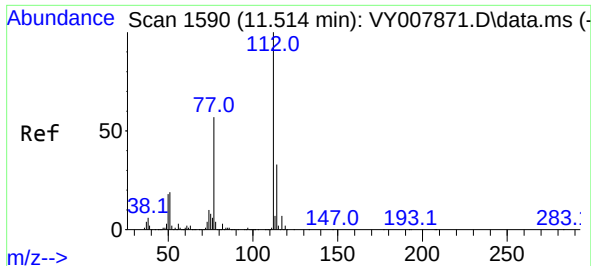
Tgt Ion:117	Resp:	1770
Ion	Ratio	Lower Upper
117	100	
82	41.5	43.0 64.4#
119	29.9	25.4 38.0



#64
Tetrachloroethene
Concen: 9.584 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion:164	Resp:	132
Ion	Ratio	Lower Upper
164	100	
166	64.2	100.4 150.6#
129	76.9	71.4 107.0
131	50.0	70.8 106.2#

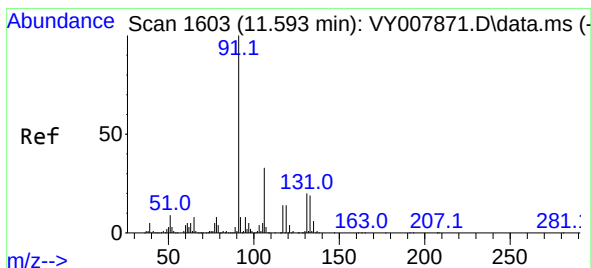
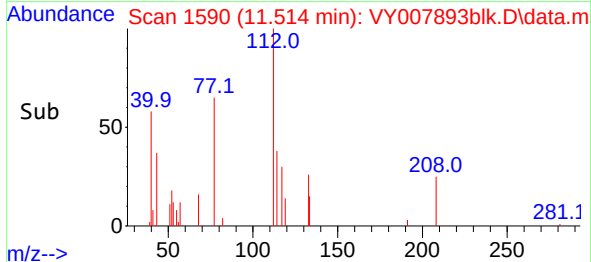
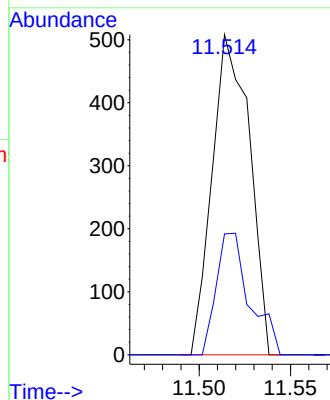
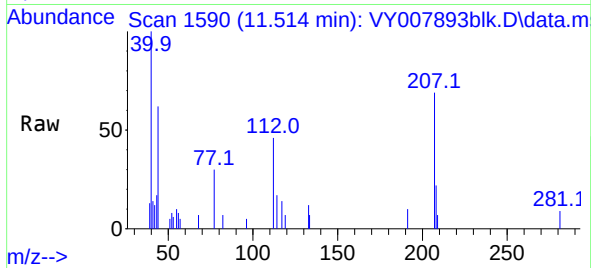




#65
Chlorobenzene
Concen: 17.005 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

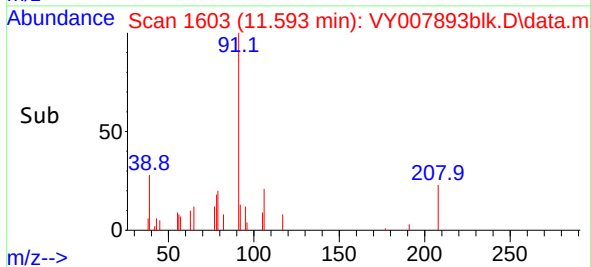
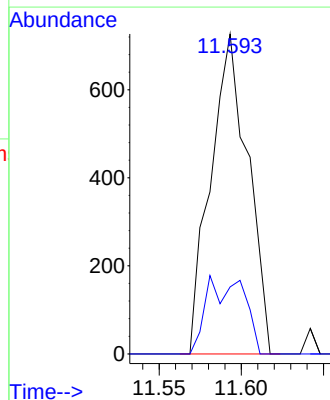
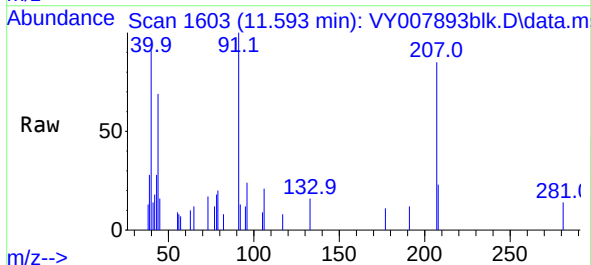
Instrument :
MSVOA_Y
ClientSampleId :

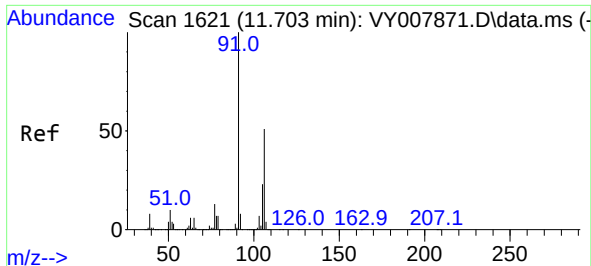
Tgt Ion:112 Resp: 721
Ion Ratio Lower Upper
112 100
114 37.8 25.8 38.6



#67
Ethyl Benzene
Concen: 15.160 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion: 91 Resp: 1145
Ion Ratio Lower Upper
91 100
106 20.9 24.5 36.7#

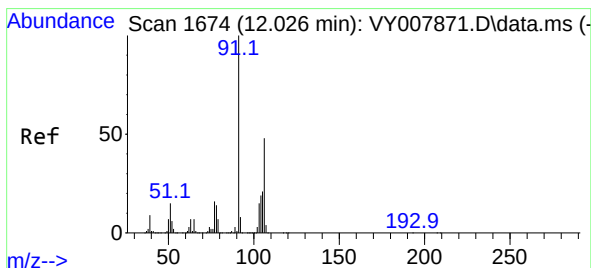
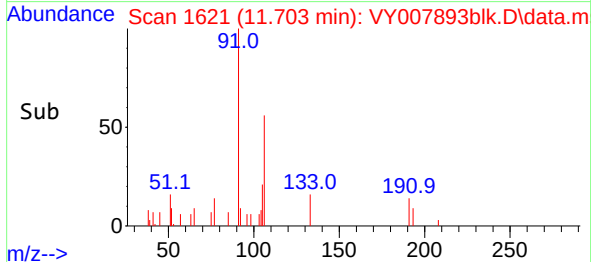
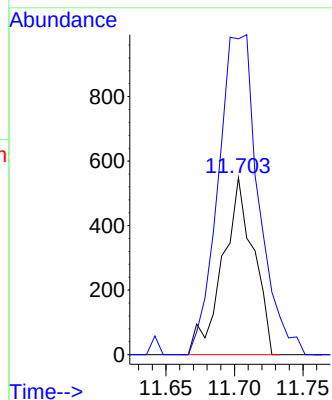
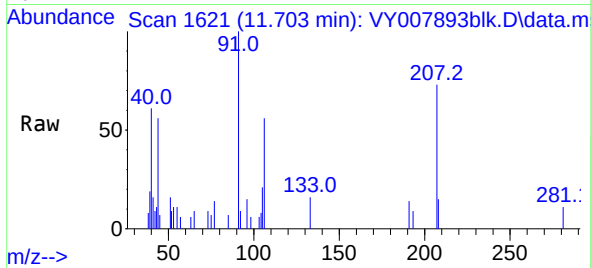




#68
m/p-Xylenes
Concen: 29.190 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

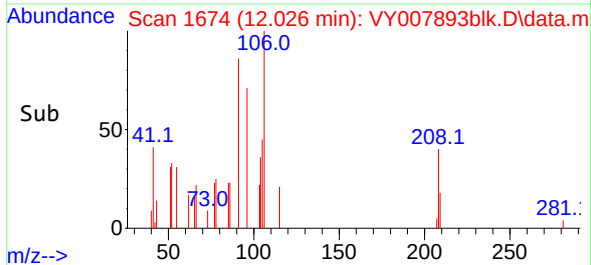
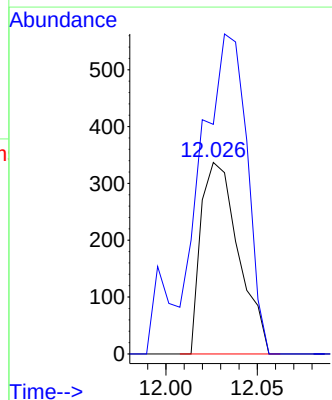
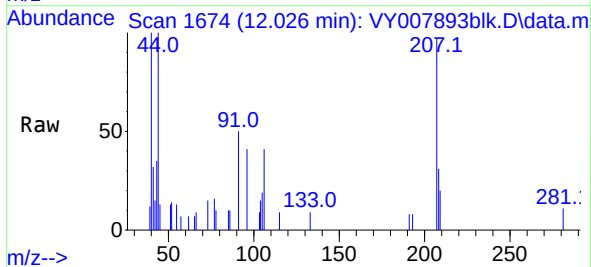
Instrument :
MSVOA_Y
ClientSampleId :

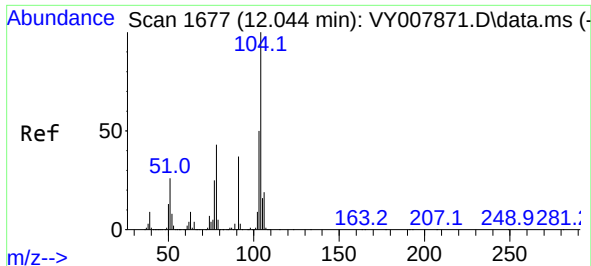
Tgt Ion:106 Resp: 860
Ion Ratio Lower Upper
106 100
91 237.3 166.6 249.8



#69
o-Xylene
Concen: 16.983 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion:106 Resp: 484
Ion Ratio Lower Upper
106 100
91 221.1 110.3 331.0

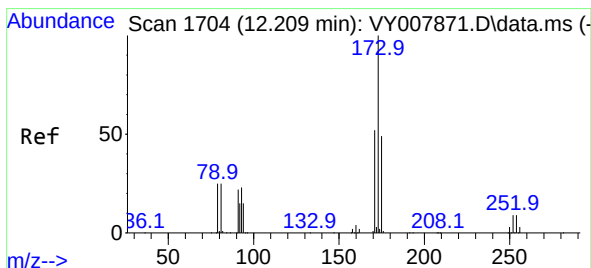
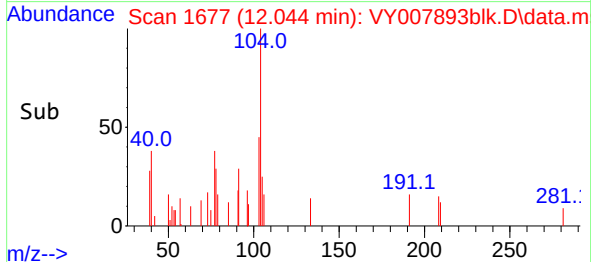
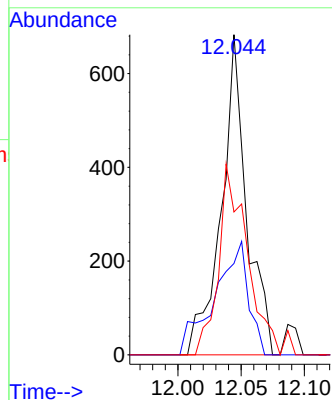
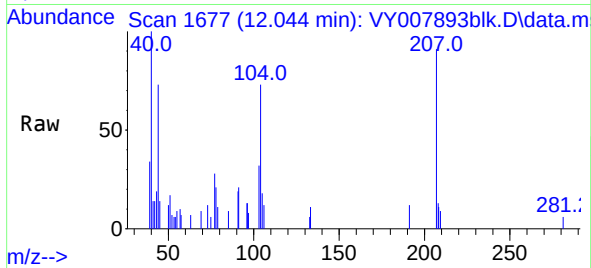




#70
Styrene
Concen: 19.786 ug/l
RT: 12.044 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

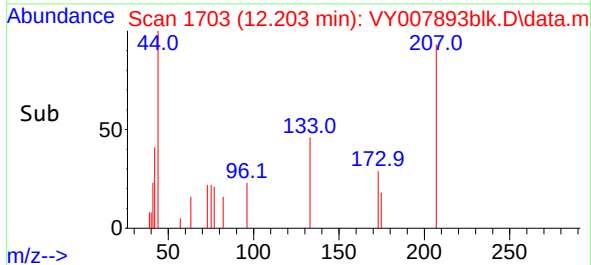
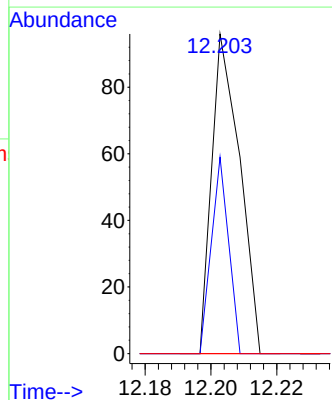
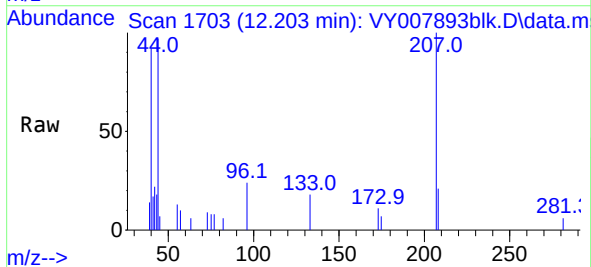
Instrument :
MSVOA_Y
ClientSampleId :

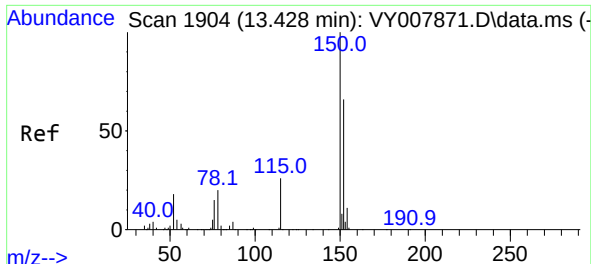
Tgt Ion:	104	Resp:	948
Ion	Ratio	Lower	Upper
104	100		
78	47.5	42.4	63.6
103	69.2	44.4	66.6



#71
Bromoform
Concen: 5.574 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion:	173	Resp:	57
Ion	Ratio	Lower	Upper
173	100		
175	38.6	24.6	74.0
254	0.0	0.0	0.0

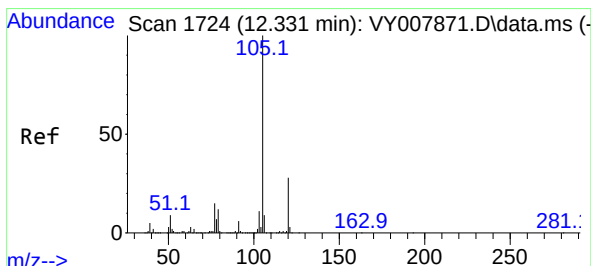
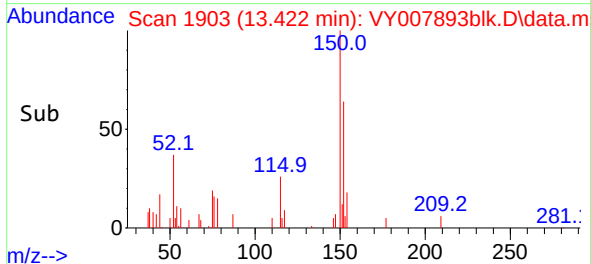
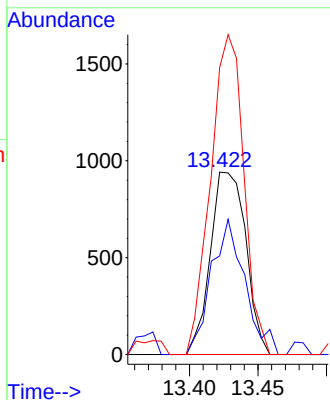
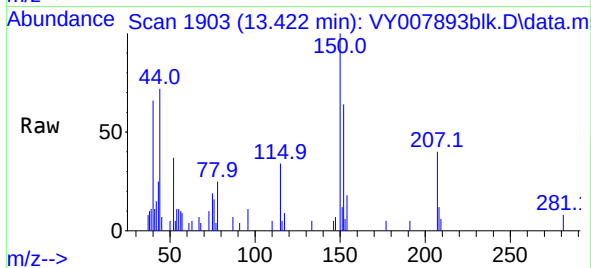




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

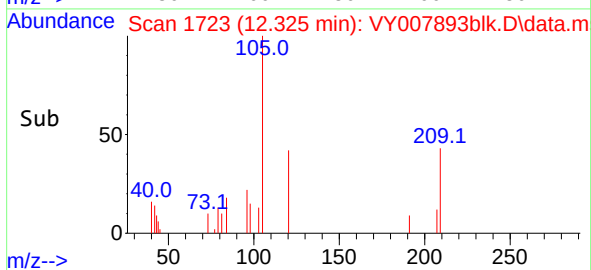
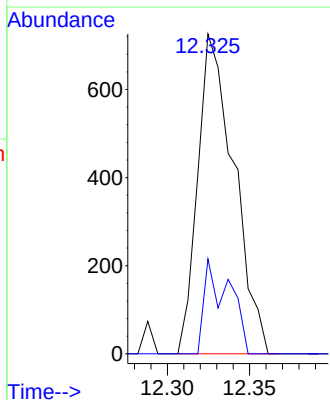
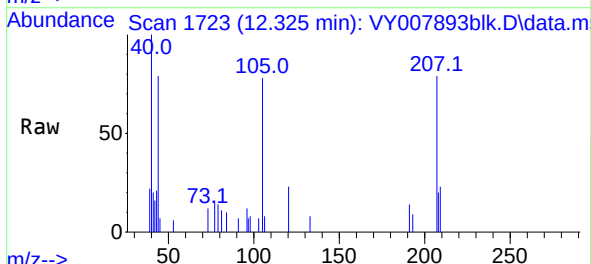
Instrument :
MSVOA_Y
ClientSampleId :

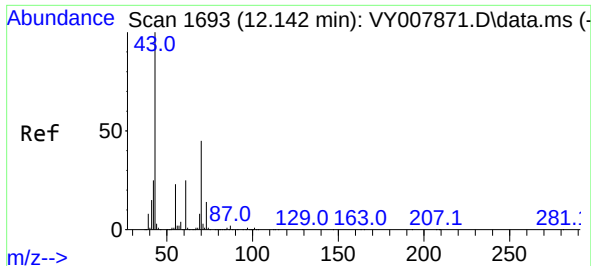
Tgt Ion:152 Resp: 1700
Ion Ratio Lower Upper
152 100
115 70.1 28.2 84.7
150 164.1 0.0 347.6



#73
Isopropylbenzene
Concen: 7.405 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

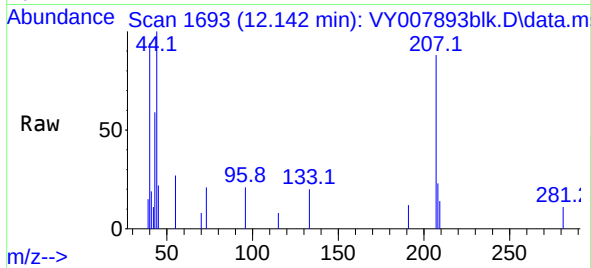
Tgt Ion:105 Resp: 1108
Ion Ratio Lower Upper
105 100
120 20.3 13.4 40.2





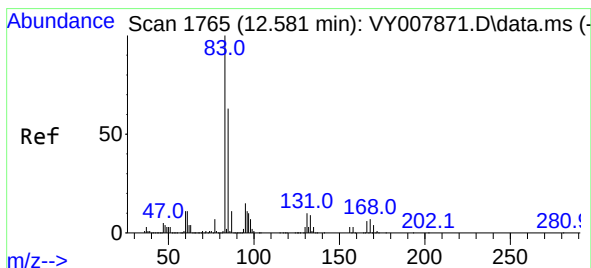
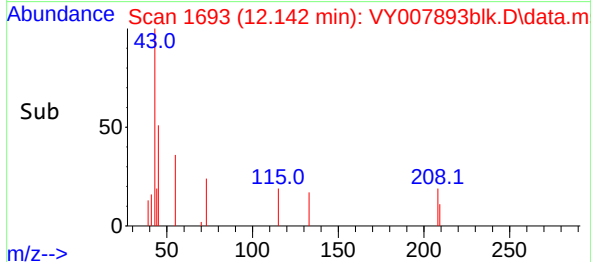
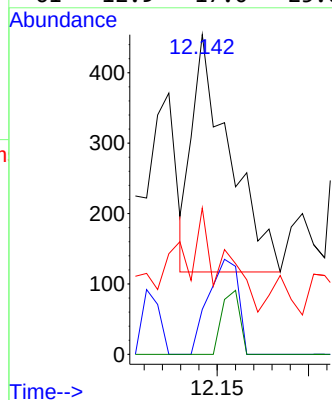
#74
N-amy1 acetate
Concen: 10.873 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 43 Resp: 480

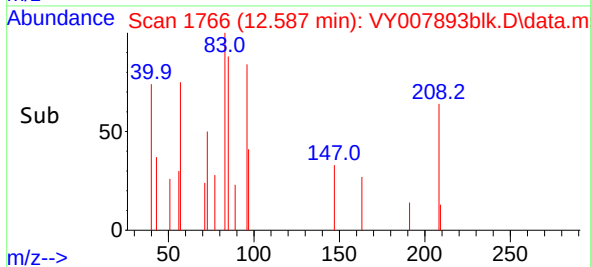
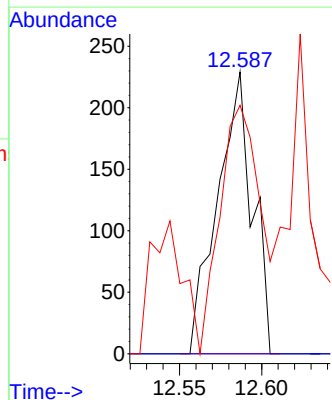
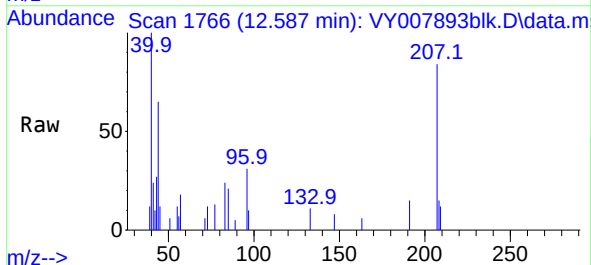
Ion	Ratio	Lower	Upper
43	100		
70	32.1	28.7	43.1
55	0.0	17.3	25.9#
61	12.9	17.0	25.6#

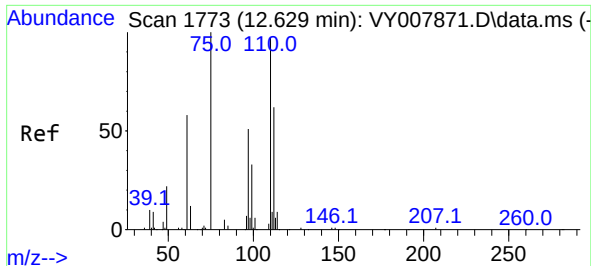


#75
1,1,2,2-Tetrachloroethane
Concen: 10.556 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion: 83 Resp: 340

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	100.9	32.3	96.8#

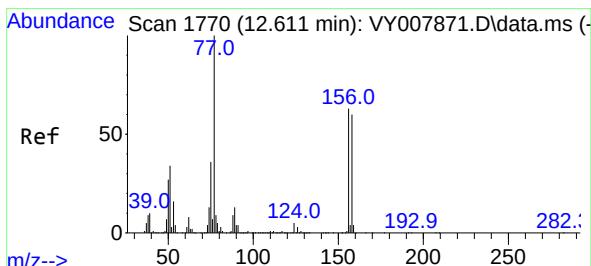
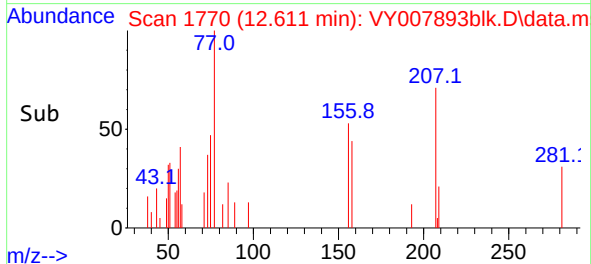
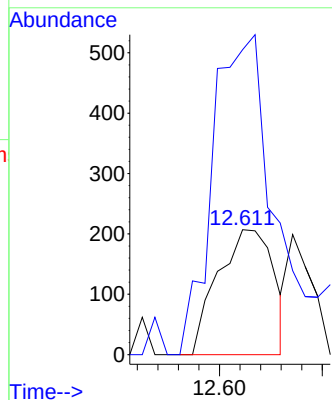
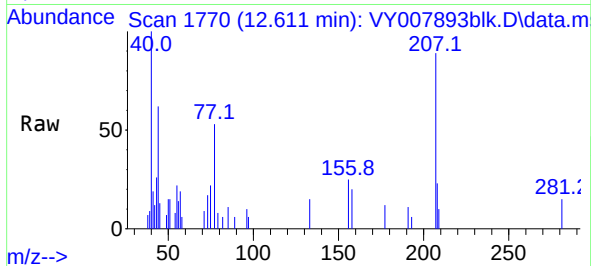




#76
1,2,3-Trichloropropane
Concen: 16.095 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.025 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

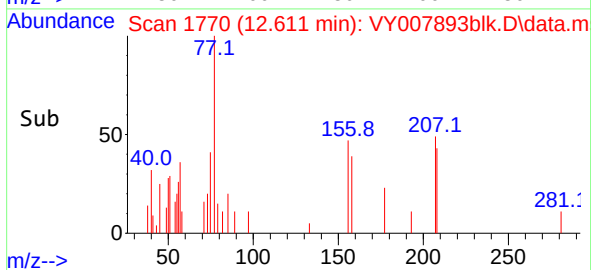
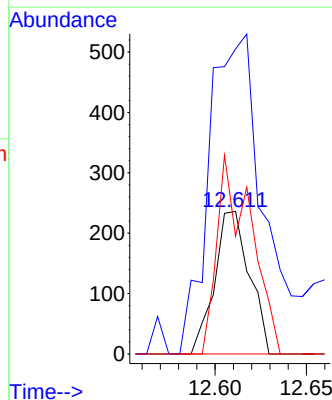
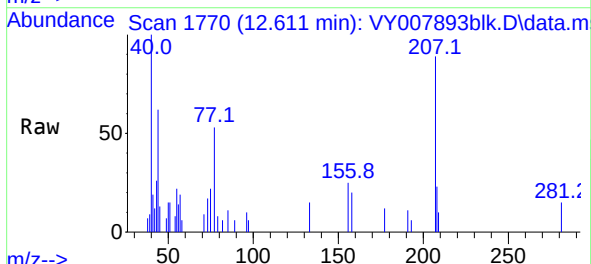
Instrument :
MSVOA_Y
ClientSampleId :

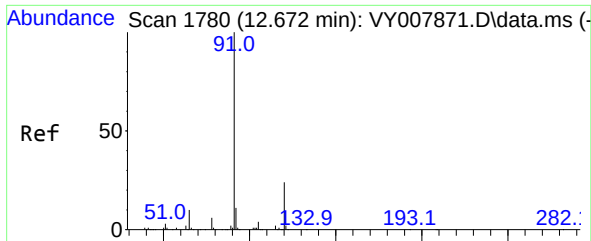
Tgt Ion: 75 Resp: 390
Ion Ratio Lower Upper
75 100
77 283.1 0.0 0.0#



#77
Bromobenzene
Concen: 9.183 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

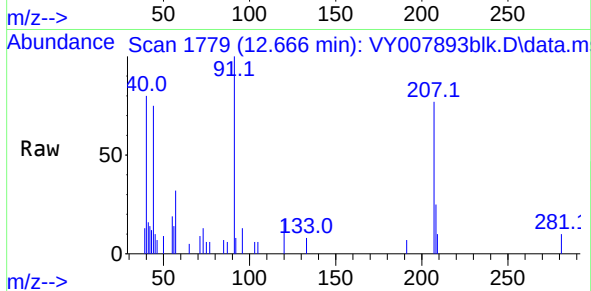
Tgt Ion: 156 Resp: 314
Ion Ratio Lower Upper
156 100
77 351.6 95.5 286.4#
158 135.4 48.0 144.0



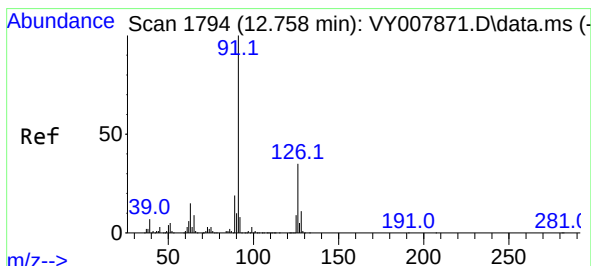
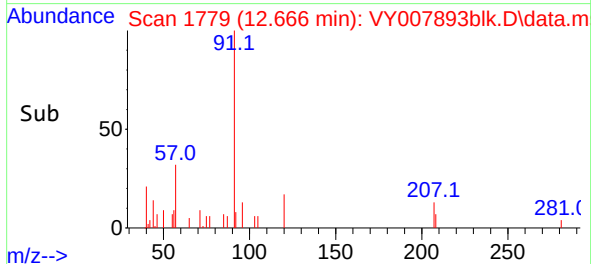
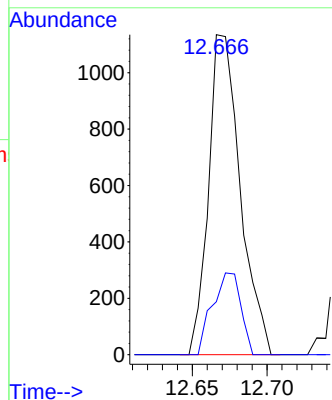


#78
n-propylbenzene
Concen: 9.270 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Instrument :
MSVOA_Y
ClientSampleId :

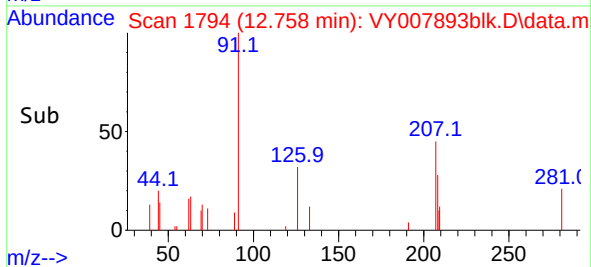
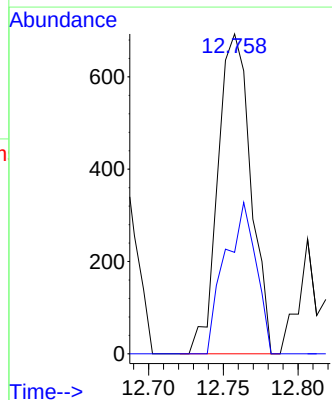
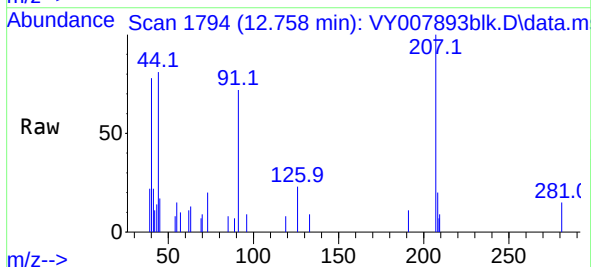


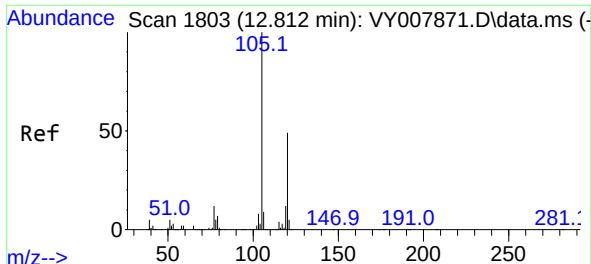
Tgt Ion: 91 Resp: 1675
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9



#79
2-Chlorotoluene
Concen: 10.437 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion: 91 Resp: 1061
Ion Ratio Lower Upper
91 100
126 44.4 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 10.914 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY007893blk.D

Acq: 18 Mar 2022 10:54

Instrument :

MSVOA_Y

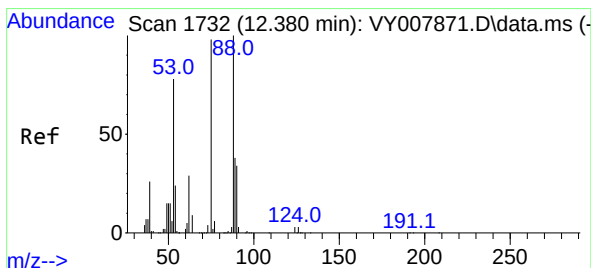
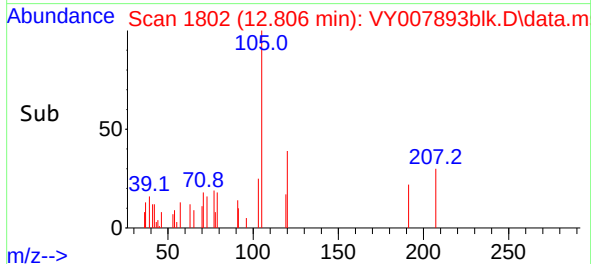
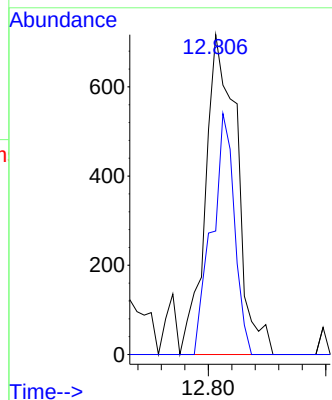
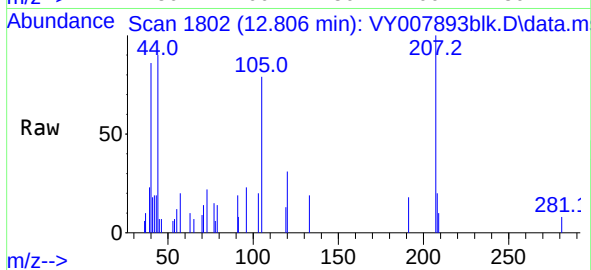
ClientSampleId :

Tgt Ion:105 Resp: 1343

Ion Ratio Lower Upper

105 100

120 53.4 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 8.235 ug/l

RT: 12.386 min Scan# 1733

Delta R.T. 0.006 min

Lab File: VY007893blk.D

Acq: 18 Mar 2022 10:54

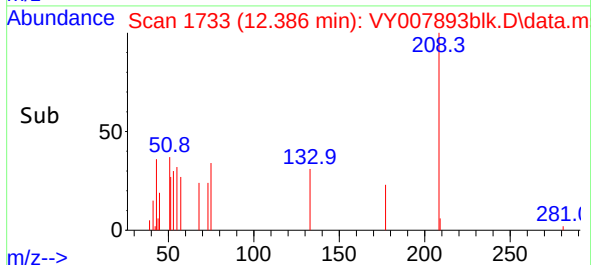
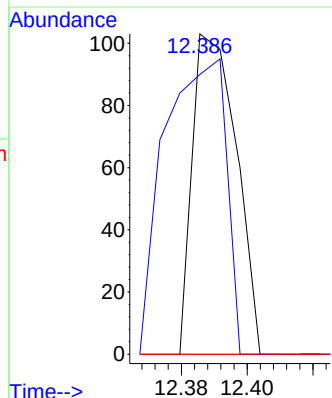
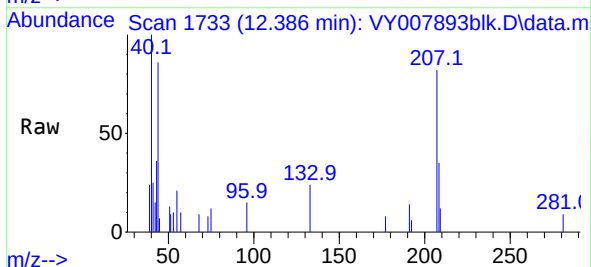
Tgt Ion: 75 Resp: 95

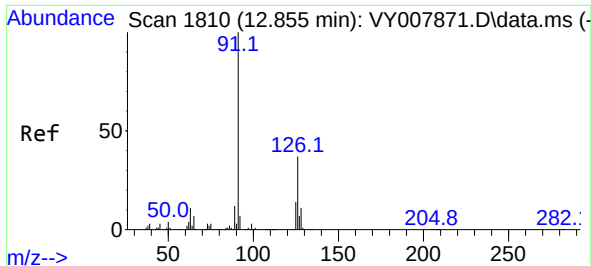
Ion Ratio Lower Upper

75 100

53 130.5 85.3 127.9#

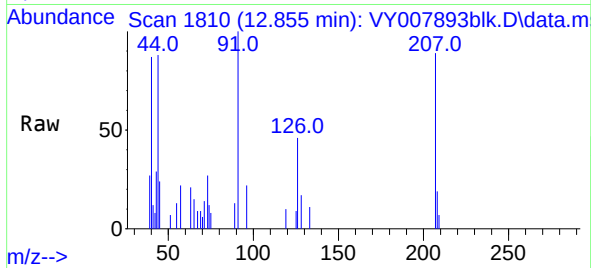
89 0.0 37.0 55.4#



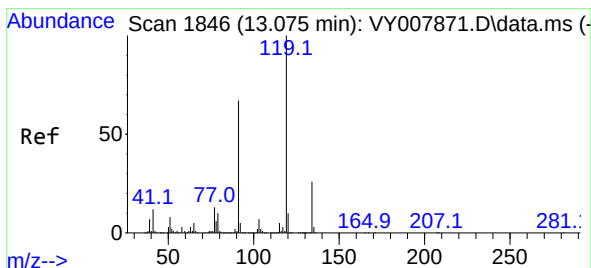
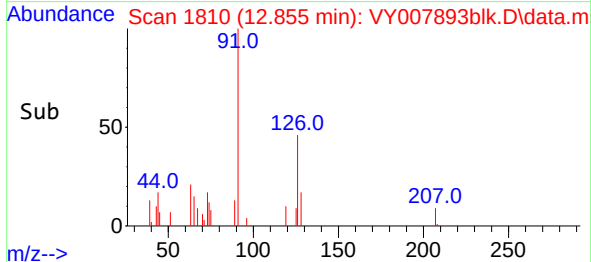
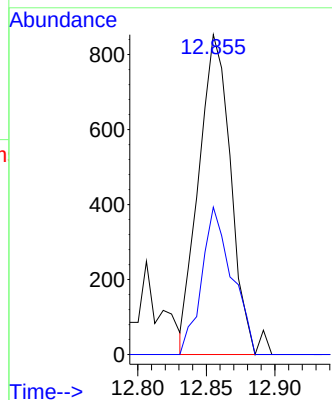


#82
4-Chlorotoluene
Concen: 13.228 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Instrument :
MSVOA_Y
ClientSampleId :

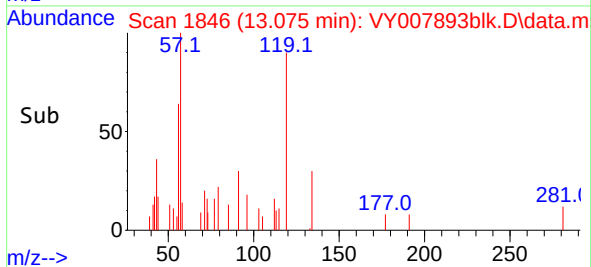
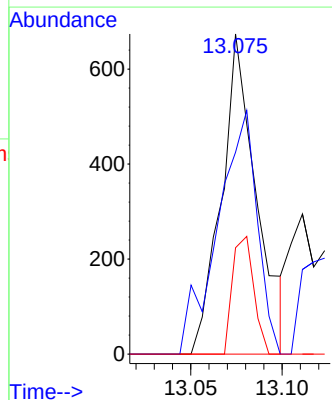
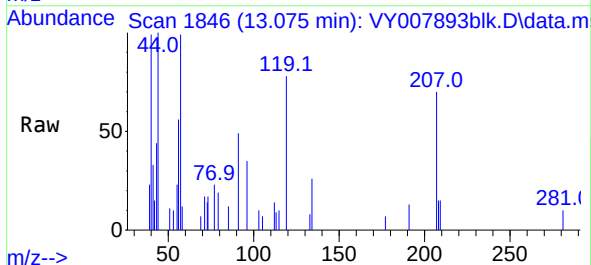


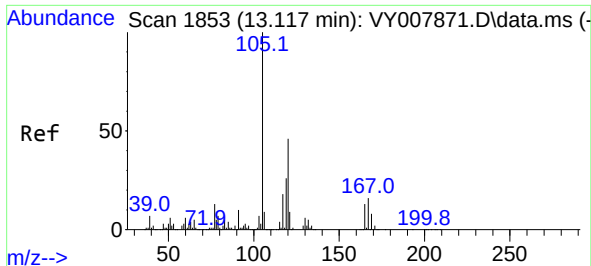
Tgt Ion: 91 Resp: 1397
Ion Ratio Lower Upper
91 100
126 43.3 17.0 51.0



#83
tert-Butylbenzene
Concen: 8.191 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion: 119 Resp: 902
Ion Ratio Lower Upper
119 100
91 85.3 34.8 104.4
134 22.2 13.3 39.9

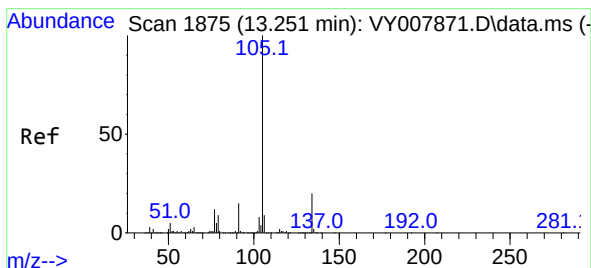
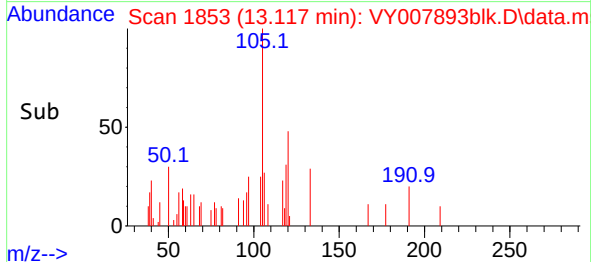
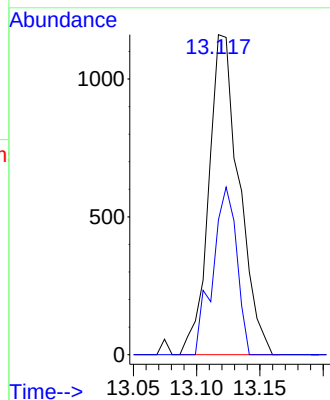
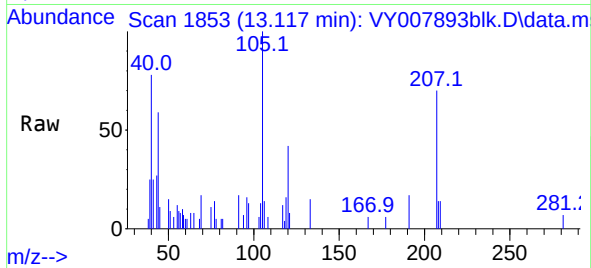




#84
1,2,4-Trimethylbenzene
Concen: 16.099 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

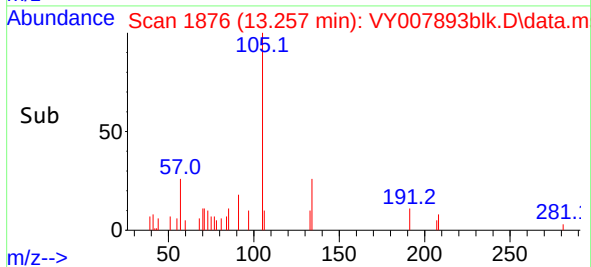
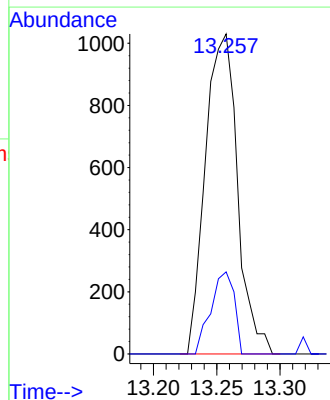
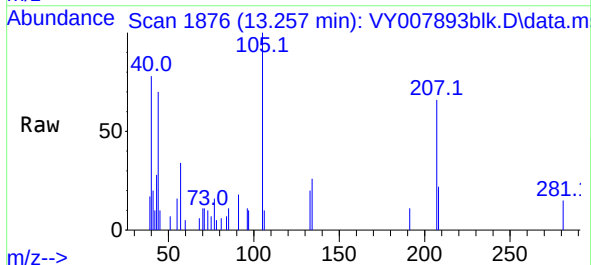
Instrument :
MSVOA_Y
ClientSampleId :

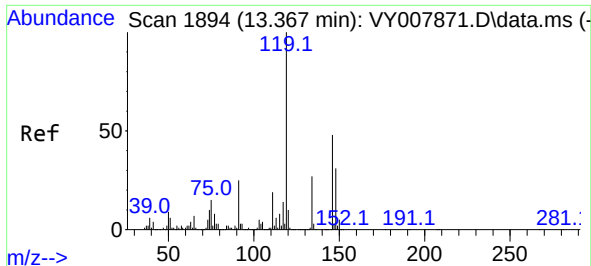
Tgt Ion:105 Resp: 1942
Ion Ratio Lower Upper
105 100
120 41.2 22.3 66.9



#85
sec-Butylbenzene
Concen: 11.022 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

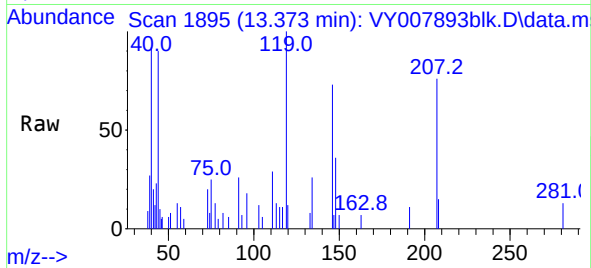
Tgt Ion:105 Resp: 1819
Ion Ratio Lower Upper
105 100
134 18.7 10.2 30.4





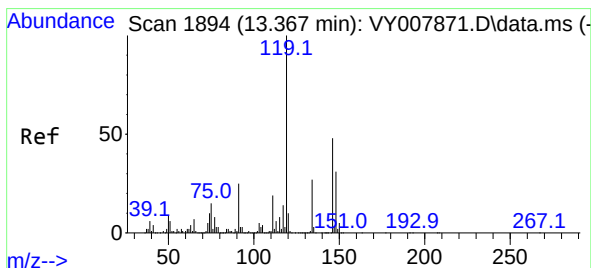
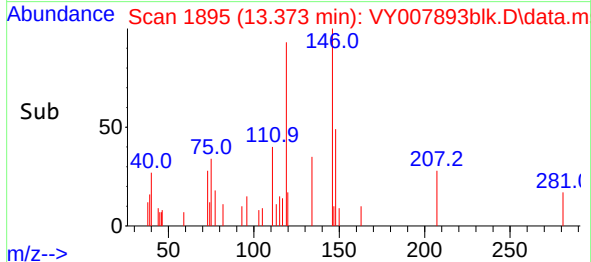
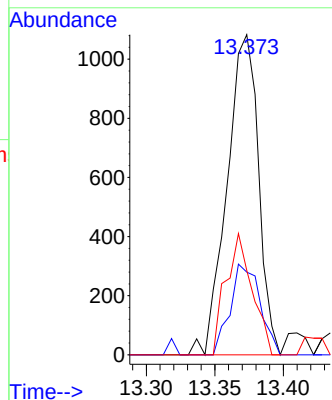
#86
p-Isopropyltoluene
Concen: 12.935 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Instrument :
MSVOA_Y
ClientSampleId :

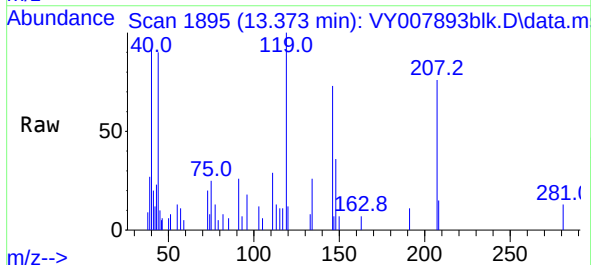


Tgt Ion:119 Resp: 1733

Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.2	39.5
91	31.6	12.4	37.2

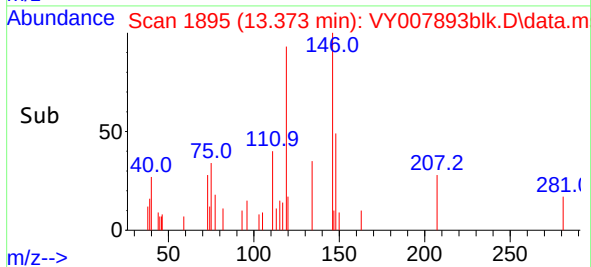
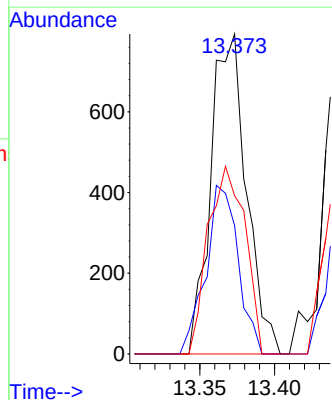


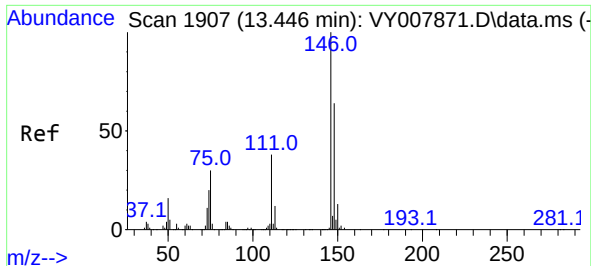
#87
1,3-Dichlorobenzene
Concen: 19.631 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54



Tgt Ion:146 Resp: 1311

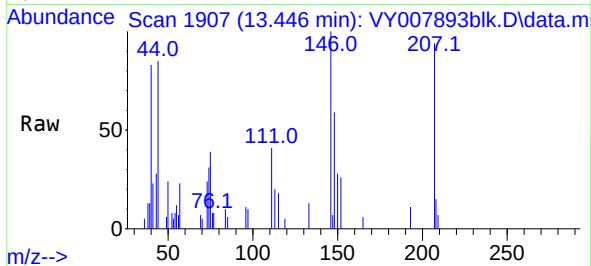
Ion	Ratio	Lower	Upper
146	100		
111	48.0	19.5	58.5
148	60.9	31.6	95.0



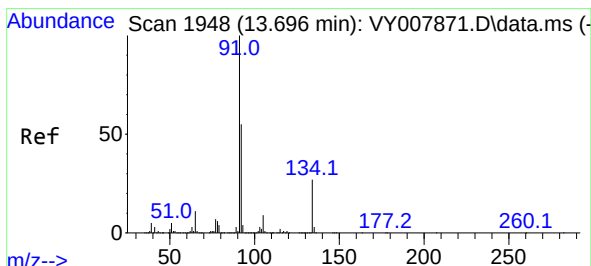
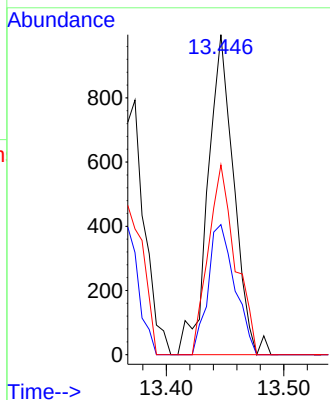
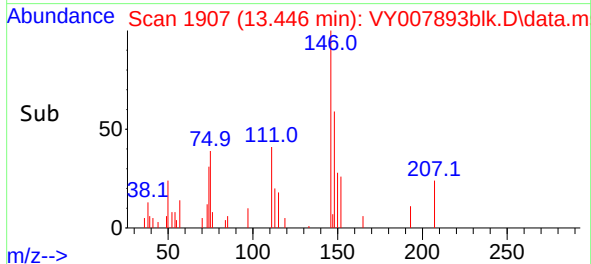


#88
1,4-Dichlorobenzene
Concen: 22.874 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

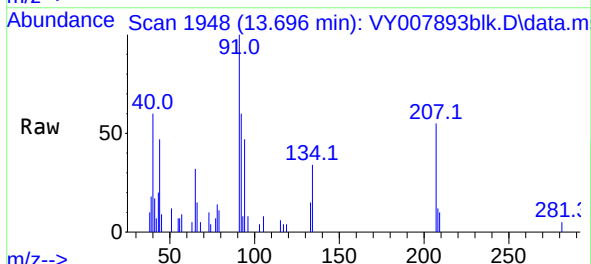
Instrument :
MSVOA_Y
ClientSampleId :



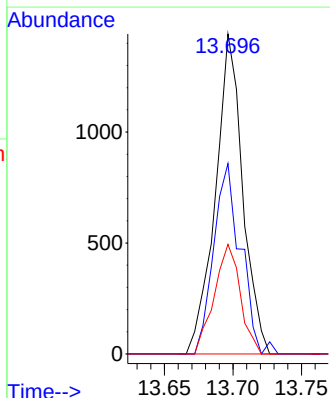
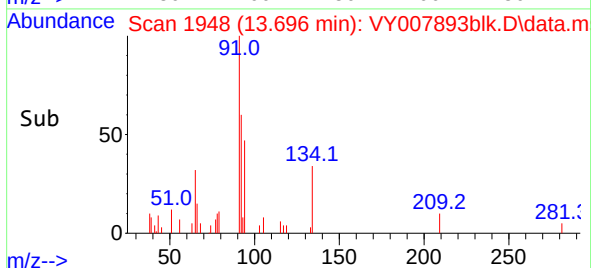
Tgt Ion:146 Resp: 1531
Ion Ratio Lower Upper
146 100
111 42.0 19.3 57.8
148 61.7 32.6 97.8

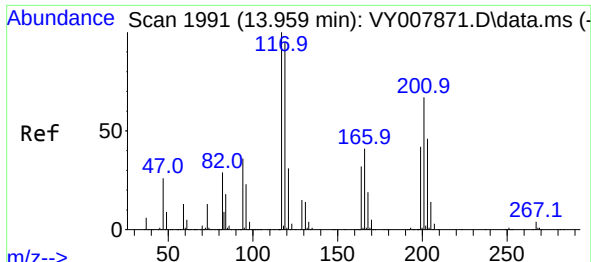


#89
n-Butylbenzene
Concen: 15.555 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54



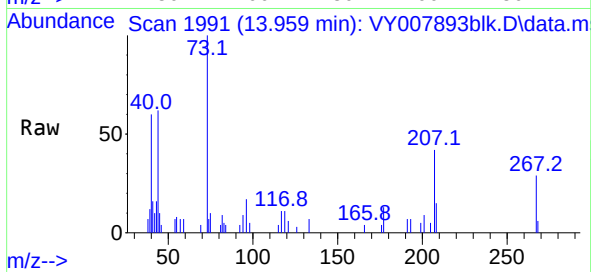
Tgt Ion: 91 Resp: 2000
Ion Ratio Lower Upper
91 100
92 58.8 26.3 78.9
134 32.6 13.0 38.9



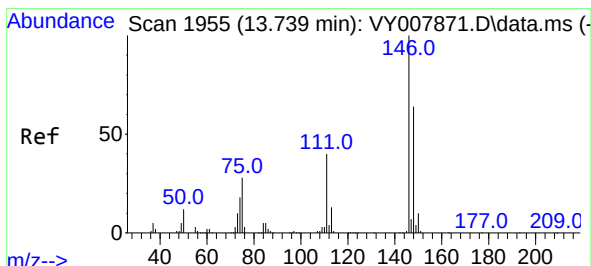
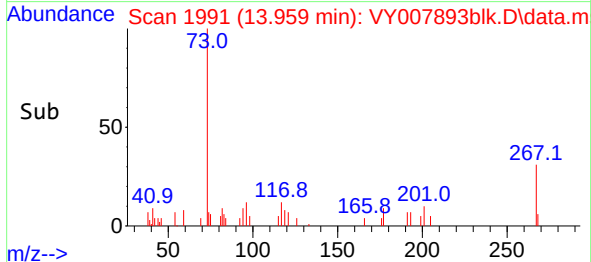
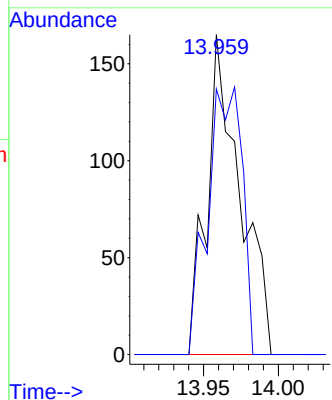


#90
Hexachloroethane
Concen: 9.498 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Instrument :
MSVOA_Y
ClientSampleId :

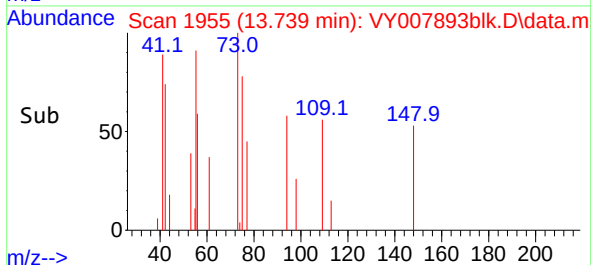
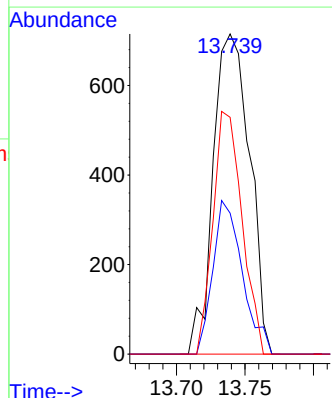
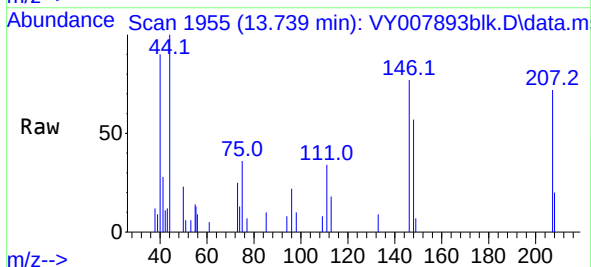


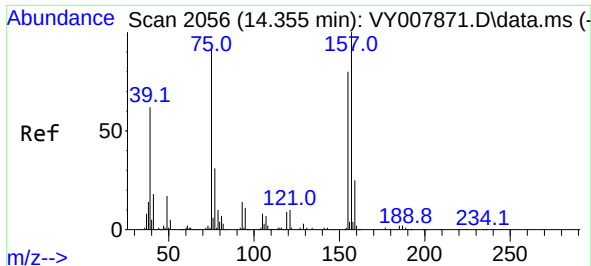
Tgt Ion:117 Resp: 254
Ion Ratio Lower Upper
117 100
201 87.0 43.0 128.8



#91
1,2-Dichlorobenzene
Concen: 22.041 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

Tgt Ion:146 Resp: 1324
Ion Ratio Lower Upper
146 100
111 38.8 20.3 60.9
148 60.3 32.3 96.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.070 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VY007893blk.D

Acq: 18 Mar 2022 10:54

Instrument :

MSVOA_Y

ClientSampleId :

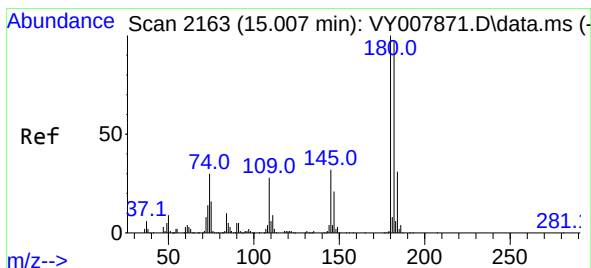
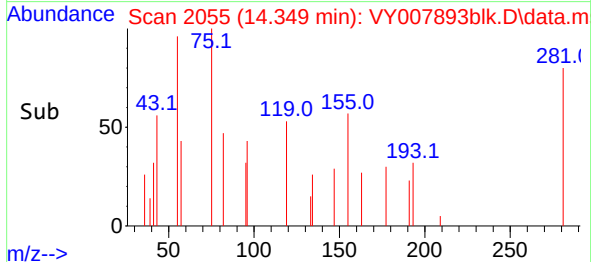
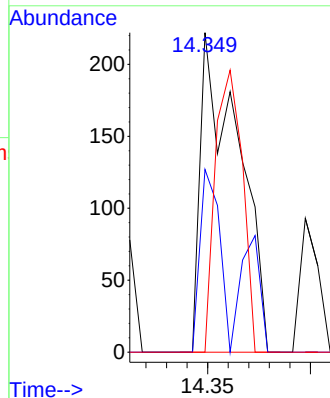
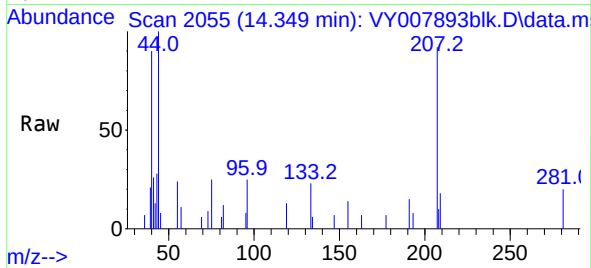
Tgt Ion: 75 Resp: 283

Ion Ratio Lower Upper

75 100

155 29.7 38.0 113.9#

157 63.3 47.8 143.3



#93

1,2,4-Trichlorobenzene

Concen: 62.229 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY007893blk.D

Acq: 18 Mar 2022 10:54

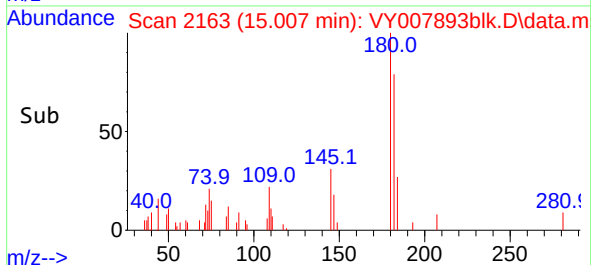
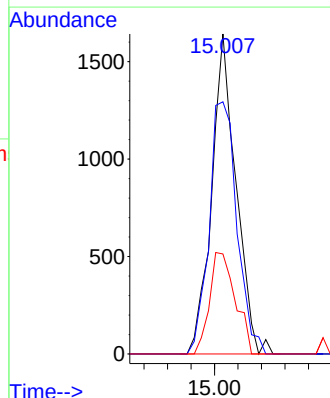
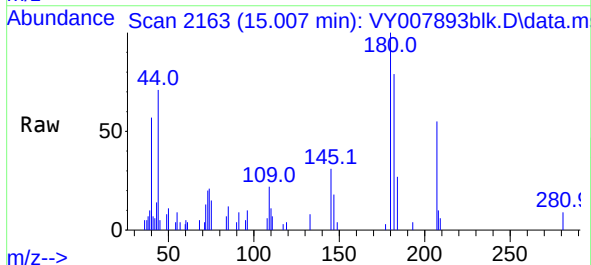
Tgt Ion: 180 Resp: 2363

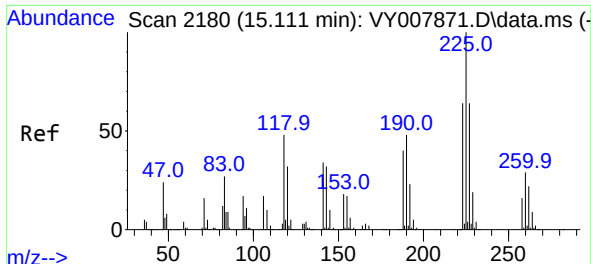
Ion Ratio Lower Upper

180 100

182 89.9 47.3 141.9

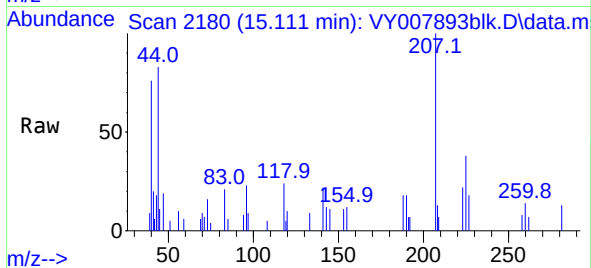
145 33.5 14.6 43.8



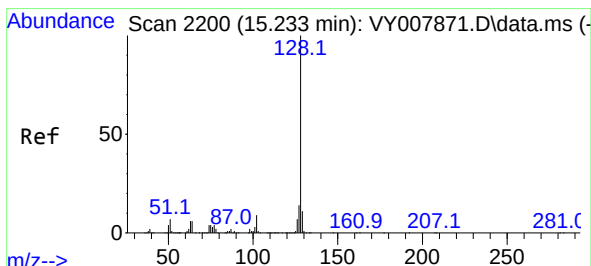
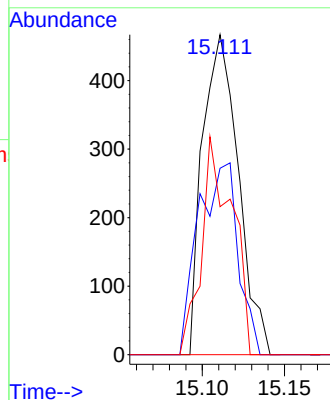
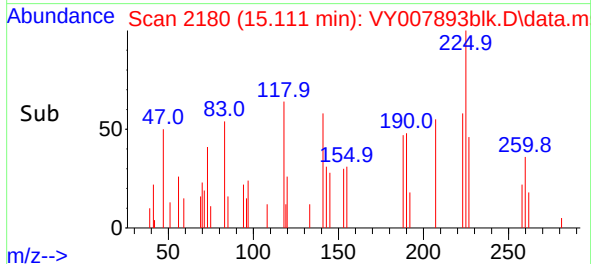


#94
Hexachlorobutadiene
Concen: 34.948 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54

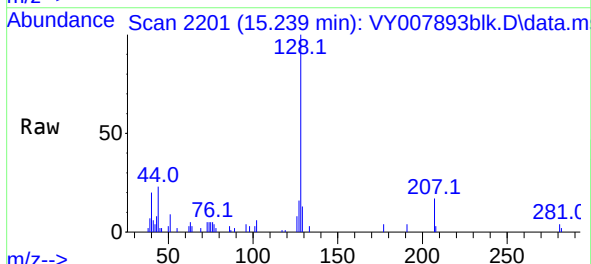
Instrument :
MSVOA_Y
ClientSampleId :



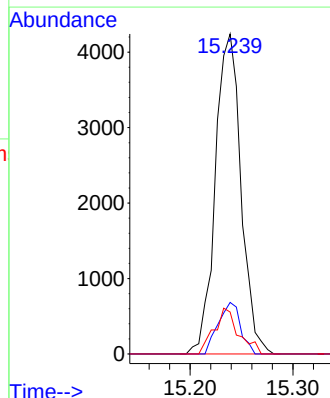
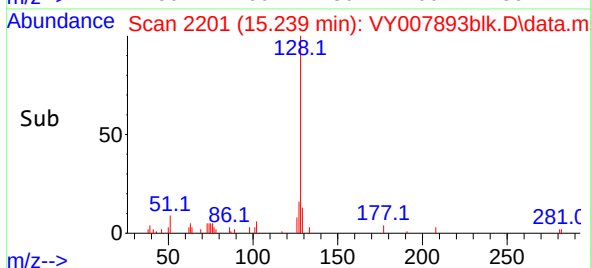
Tgt Ion:225 Resp: 708
Ion Ratio Lower Upper
225 100
223 66.4 30.8 92.3
227 58.1 31.6 94.7

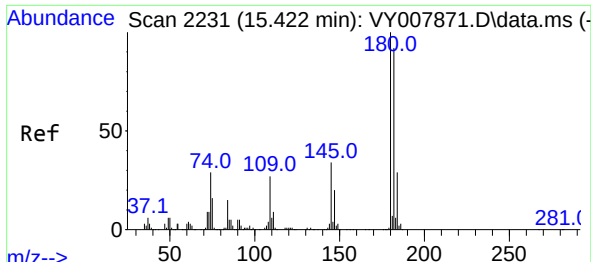


#95
Naphthalene
Concen: 86.779 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY007893blk.D
Acq: 18 Mar 2022 10:54



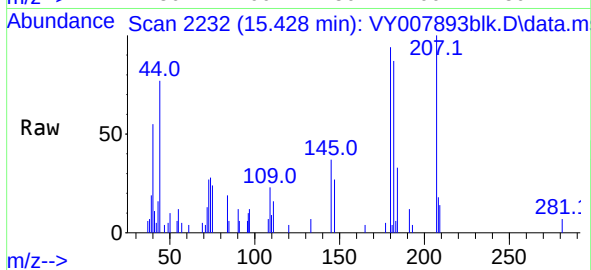
Tgt Ion:128 Resp: 7352
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.4
129 13.6 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 73.928 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY007893blk.
 Acq: 18 Mar 2022 10:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	2476
Ion	Ratio	Lower	Upper
180	100		
182	102.4	47.3	141.9
145	45.1	15.3	45.9

