

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
 Data File : VY004227.D
 Acq On : 30 Mar 2021 12:09
 Operator : SY/MD
 Sample : M1836-09
 Misc : 7.57g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B4-8-10

Quant Time: Mar 31 01:43:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.832	168	174085	50.00	ug/l	# 0.03
34) 1,4-Difluorobenzene	8.716	114	346391	50.00	ug/l	# 0.02
63) Chlorobenzene-d5	11.514	117	350401	50.00	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	13.434	152	45382	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	87686	52.40	ug/l	0.02
Spiked Amount 50.000	Range 50	- 163	Recovery	=	104.80%	
35) Dibromofluoromethane	7.740	113	24399	12.64	ug/l	0.01
Spiked Amount 50.000	Range 54	- 147	Recovery	=	25.28%#	
50) Toluene-d8	10.234	98	1138480	156.83	ug/l	0.05
Spiked Amount 50.000	Range 49	- 140	Recovery	=	313.66%#	
62) 4-Bromofluorobenzene	12.495	95	260641	104.76	ug/l	0.01
Spiked Amount 50.000	Range 25	- 144	Recovery	=	209.52%#	
Target Compounds						Qvalue
3) Chloromethane	2.076	50	231616	113.82	ug/l	# 71
6) Chloroethane	2.753	64	2179	1.48	ug/l	# 1
11) Tert butyl alcohol	4.991	59	2005933	14730.13	ug/l	# 71
13) Acrolein	3.686	56	909517	9136.17	ug/l	# 1
14) Allyl chloride	4.613	41	5135196	2046.85	ug/l	# 60
15) Acrylonitrile	5.308	53	2838518	6305.26	ug/l	# 35
16) Acetone	3.966	43	13731264	39383.40	ug/l	# 55
17) Carbon Disulfide	4.210	76	78225	18.89	ug/l	97
18) Methyl Acetate	4.594	43	2295160	2056.70	ug/l	# 52
20) Methylene Chloride	4.613	84	1409521	866.09	ug/l	# 14
22) Diisopropyl ether	6.167	45	36090	6.55	ug/l	# 1
23) Vinyl Acetate	6.082	43	3436179	927.07	ug/l	# 81
24) 1,1-Dichloroethane	6.143	63	601281	200.29	ug/l	# 82
25) 2-Butanone	7.027	43	3241002	5564.47	ug/l	# 50
26) 2,2-Dichloropropane	6.856	77	579303	206.20	ug/l	# 53
28) Bromochloromethane	7.563	49	275846	226.03	ug/l	# 13
29) Tetrahydrofuran	7.393	42	40708	99.20	ug/l	# 33
30) Chloroform	7.533	83	3398427	1063.90	ug/l	# 42
31) Cyclohexane	7.832	56	21706066	7339.14	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	7272	2.49	ug/l	# 24
36) 1,1-Dichloropropene	8.197	75	1480268	468.13	ug/l	# 1
37) Ethyl Acetate	7.027	43	3241002	1747.14	ug/l	# 70
38) Carbon Tetrachloride	7.832	117	18095	6.58	ug/l	# 15
39) Methylcyclohexane	9.215	83	27671063	7067.75	ug/l	# 93
41) Methacrylonitrile	7.399	41	613869	597.27	ug/l	# 63
42) 1,2-Dichloroethane	8.197	62	848680	301.27	ug/l	# 74
43) Isopropyl Acetate	8.392	43	17150696	4883.24	ug/l	# 54
45) 1,2-Dichloropropane	9.209	63	669077	302.02	ug/l	# 1
46) Dibromomethane	9.246	93	104100	79.92	ug/l	# 1
47) Bromodichloromethane	9.520	83	1385965	446.00	ug/l	# 79
48) Methyl methacrylate	9.258	41	37530481	23527.21	ug/l	# 13
49) 1,4-Dioxane	9.301	88	676	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.191	43	8363052	4673.49	ug/l	88
53) t-1,3-Dichloropropene	10.630	75	30904	9.33	ug/l	# 1
54) cis-1,3-Dichloropropene	10.099	75	12922	3.49	ug/l	# 1
55) 1,1,2-Trichloroethane	10.648	97	5459892	3059.96	ug/l	# 34

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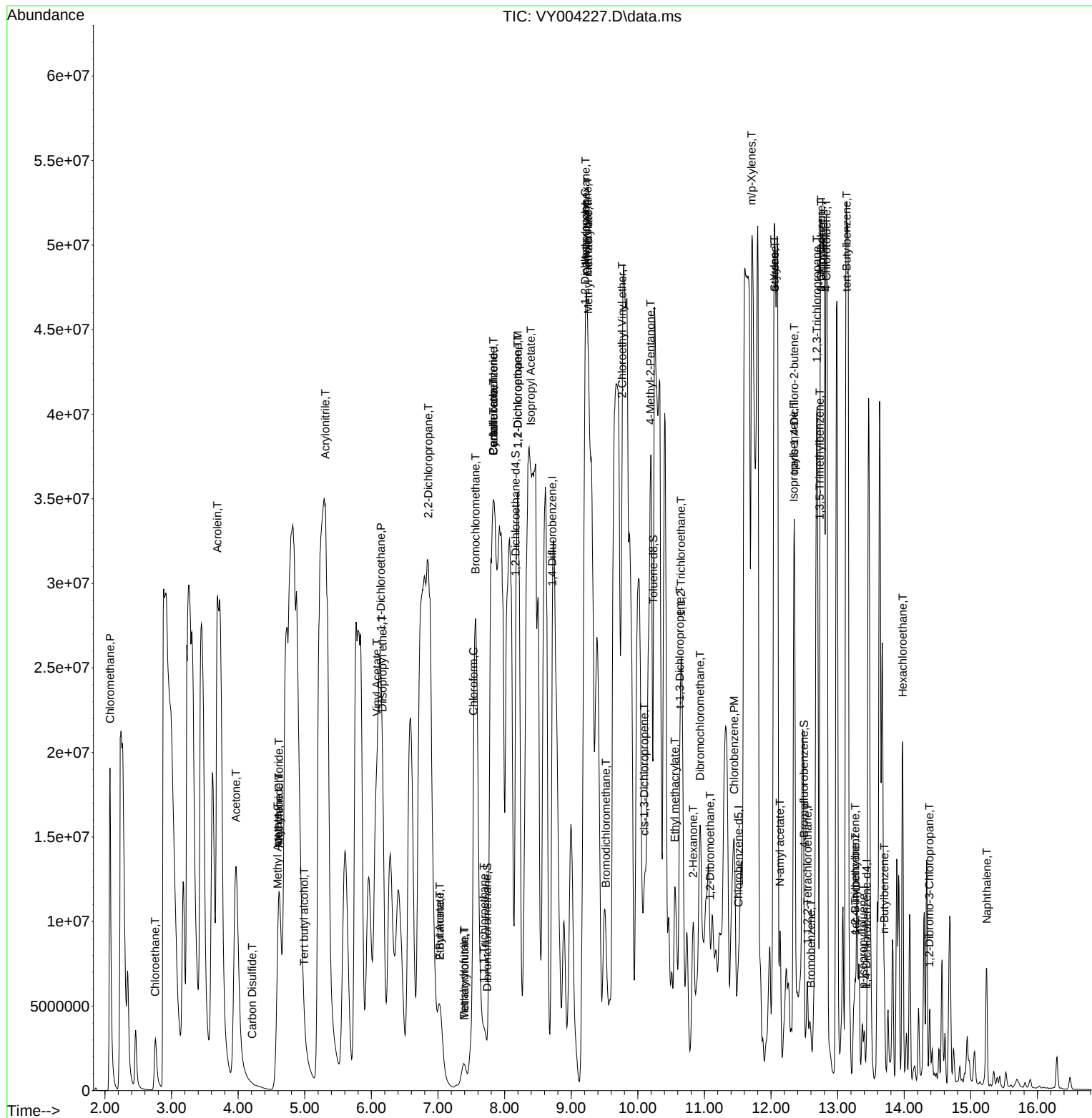
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	10.557	69	1723832	704.10	ug/l #	26
58) 2-Chloroethyl Vinyl ether	9.764	63	262501	250.60	ug/l #	45
59) 2-Hexanone	10.831	43	4652761	3782.05	ug/l #	31
60) Dibromochloromethane	10.935	129	33138	15.49	ug/l	67
61) 1,2-Dibromoethane	11.087	107	17379	9.87	ug/l #	1
65) Chlorobenzene	11.447	112	71997	10.30	ug/l #	54
68) m/p-Xylenes	11.709	106	31507533	6466.24	ug/l #	1
69) o-Xylene	12.050	106	21356556	4684.31	ug/l #	1
70) Styrene	12.056	104	1537462	202.69	ug/l #	1
73) Isopropylbenzene	12.343	105	20143128	6075.49	ug/l	79
74) N-amyl acetate	12.136	43	1820372	1878.63	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.550	83	142370	231.99	ug/l #	89
76) 1,2,3-Trichloropropane	12.690	75	432764	1050.16	ug/l #	100
77) Bromobenzene	12.599	156	5829	7.51	ug/l #	1
78) n-propylbenzene	12.751	91	11063393	2884.14	ug/l #	1
79) 2-Chlorotoluene	12.751	91	11063393	5249.65	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.733	105	2861944	1058.15	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.349	75	368057	1646.08	ug/l #	59
82) 4-Chlorotoluene	12.831	91	4817605	2171.89	ug/l #	40
83) tert-Butylbenzene	13.135	119	9852005	4215.52	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.263	105	2361751	870.57	ug/l #	31
85) sec-Butylbenzene	13.263	105	2361751	734.08	ug/l #	53
86) p-Isopropyltoluene	13.379	119	1023863	342.09	ug/l	98
89) n-Butylbenzene	13.702	91	2699425	980.80	ug/l #	69
90) Hexachloroethane	13.977	117	1038735	3347.52	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.379	75	9852	86.04	ug/l #	1
95) Naphthalene	15.239	128	5522527	2817.82	ug/l	99

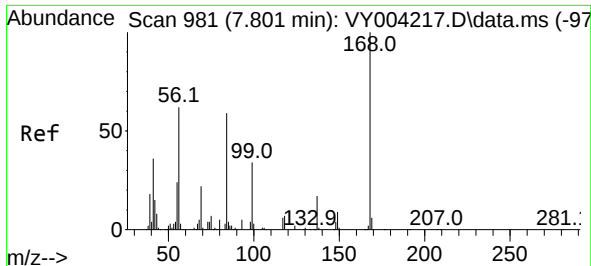
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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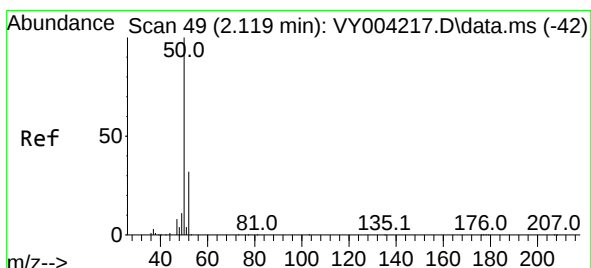
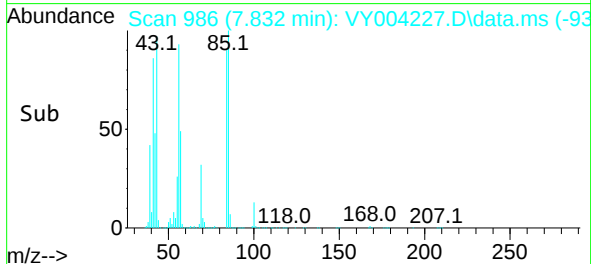
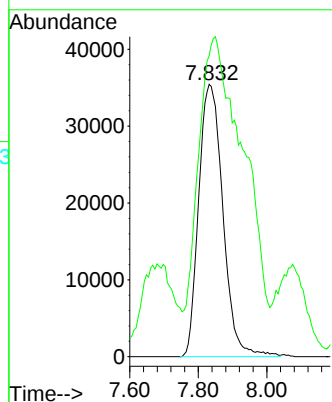
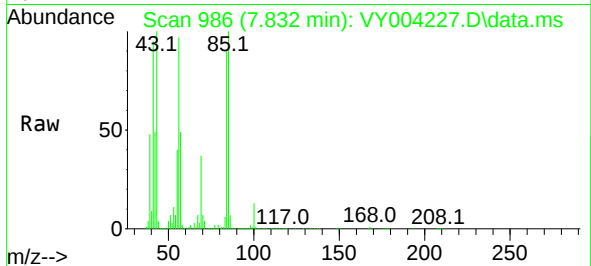




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.832 min Scan# 986
Delta R.T. 0.031 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

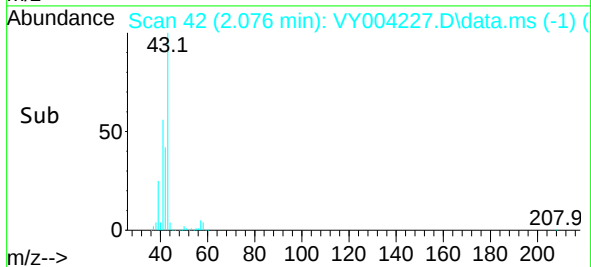
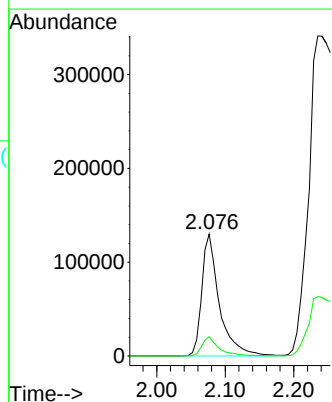
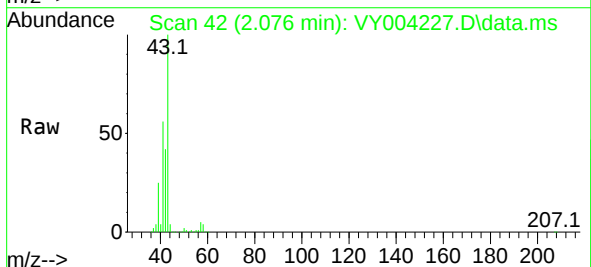
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MSVOA_Y
ClientSampleId :
B4-8-10

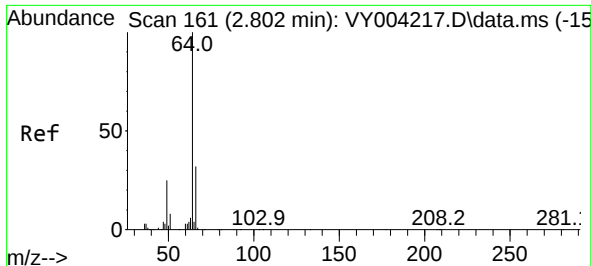
Tgt Ion:168 Resp: 174085
Ion Ratio Lower Upper
168 100
99 92.4 42.6 64.0#



#3
Chloromethane
Concen: 113.82 ug/l
RT: 2.076 min Scan# 42
Delta R.T. -0.043 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 50 Resp: 231616
Ion Ratio Lower Upper
50 100
52 15.9 25.9 38.9#

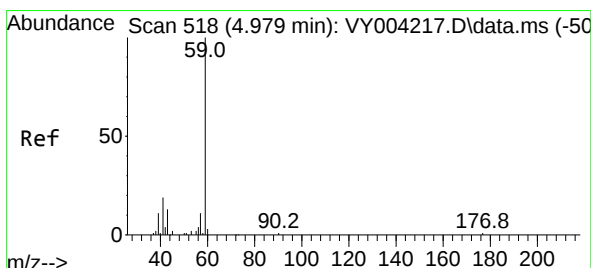
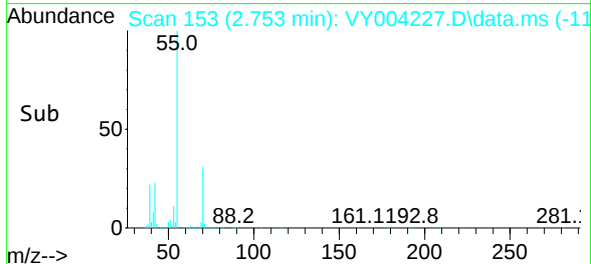
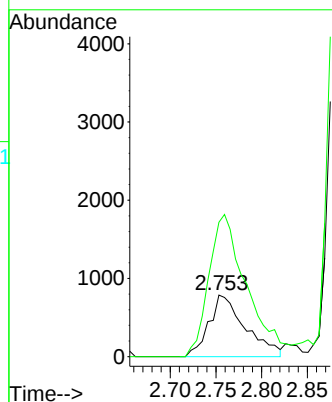
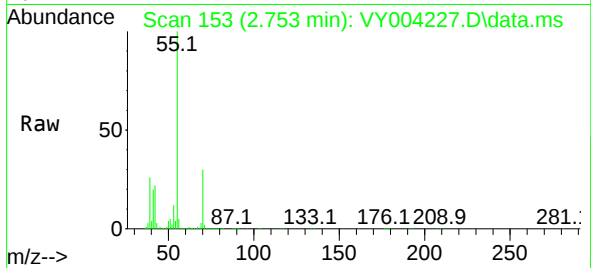




#6
Chloroethane
Concen: 1.48 ug/l
RT: 2.753 min Scan# 153
Delta R.T. -0.049 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

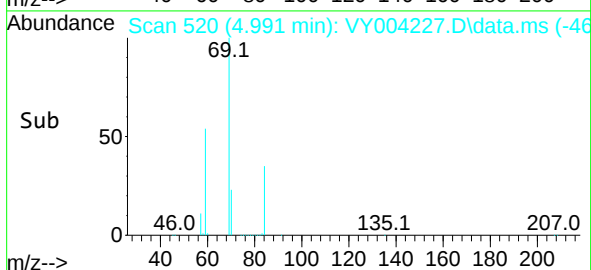
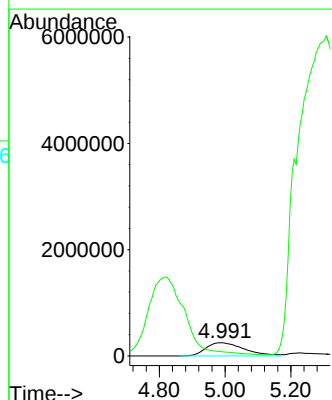
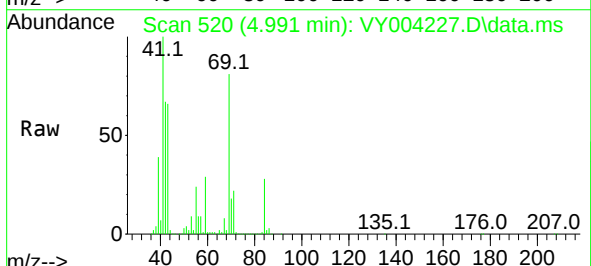
Instrument :
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ClientSampled :
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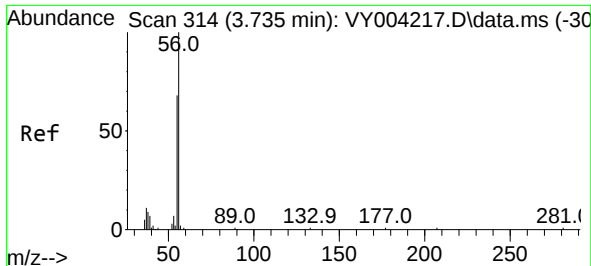
Tgt Ion: 64 Resp: 2179
Ion Ratio Lower Upper
64 100
66 218.0 25.8 38.8#



#11
Tert butyl alcohol
Concen: 14730.13 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.012 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 59 Resp: 2005933
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

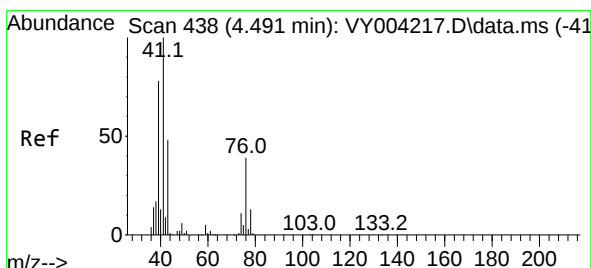
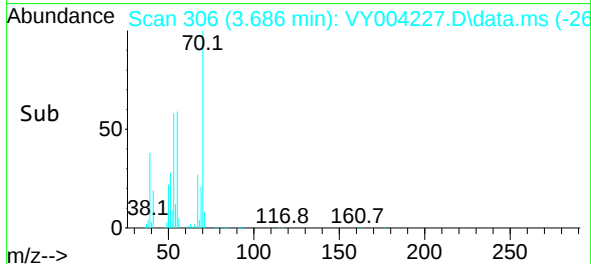
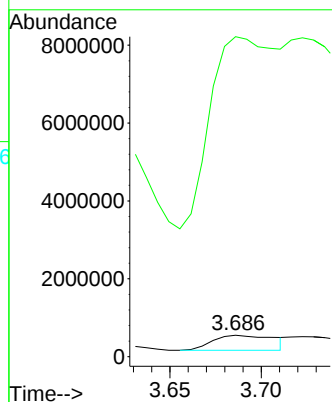
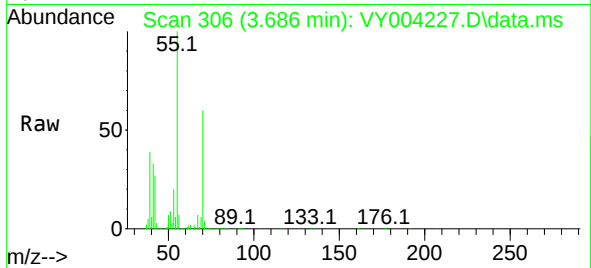




#13
Acrolein
Concen: 9136.17 ug/l
RT: 3.686 min Scan# 306
Delta R.T. -0.049 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

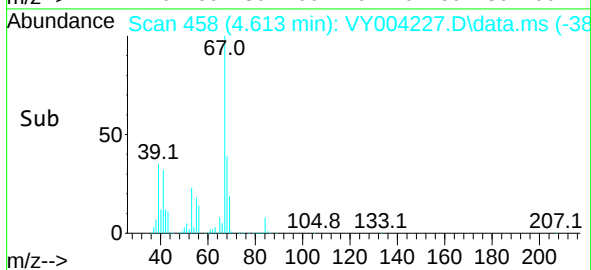
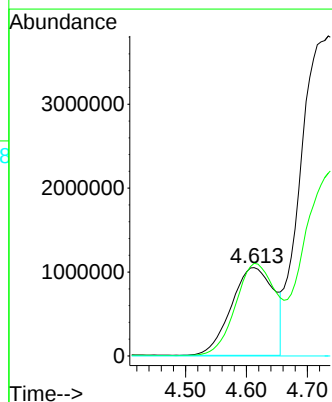
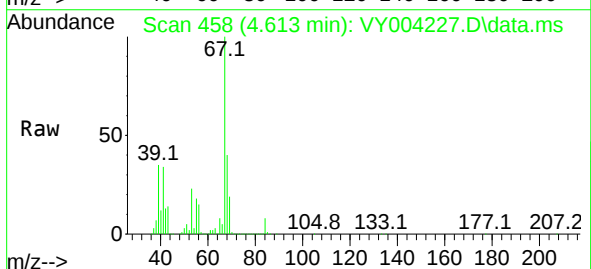
Instrument :
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B4-8-10

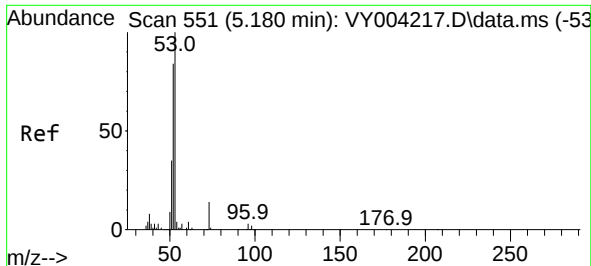
Tgt Ion: 56 Resp: 909517
Ion Ratio Lower Upper
56 100
55 1375.1 55.0 82.4#



#14
Allyl chloride
Concen: 2046.85 ug/l
RT: 4.613 min Scan# 458
Delta R.T. 0.122 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 41 Resp: 5135196
Ion Ratio Lower Upper
41 100
39 99.0 60.2 90.4#
76 0.0 30.3 45.5#

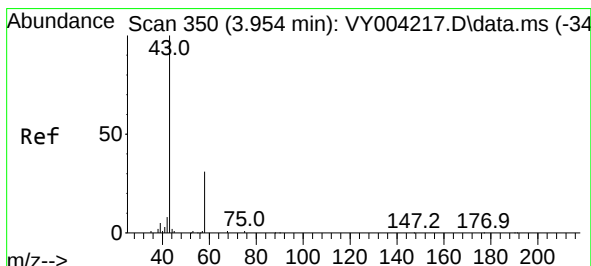
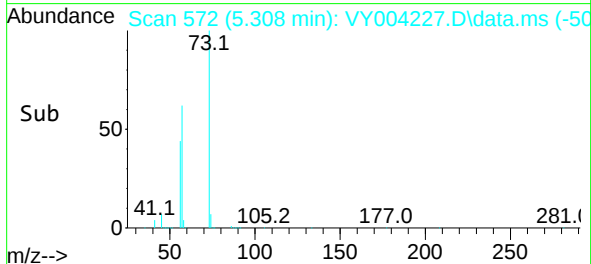
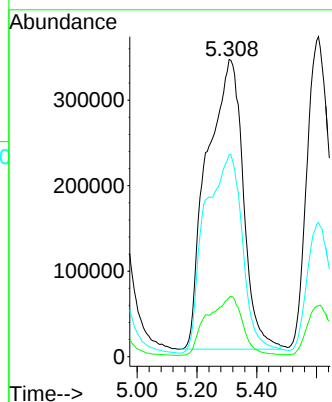
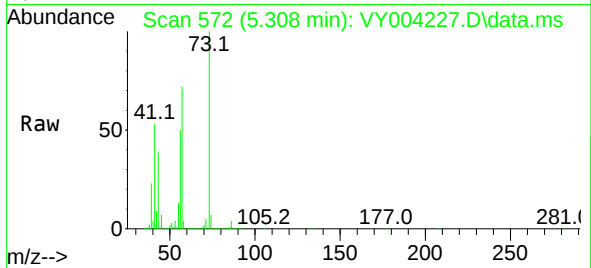




#15
Acrylonitrile
Concen: 6305.26 ug/l
RT: 5.308 min Scan# 572
Delta R.T. 0.128 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

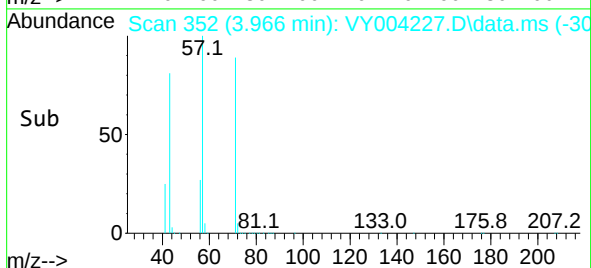
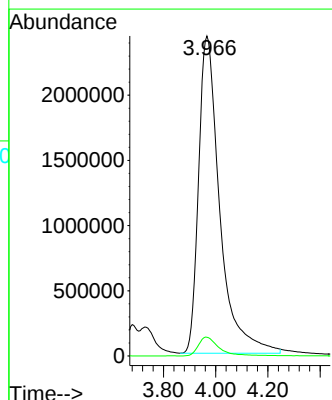
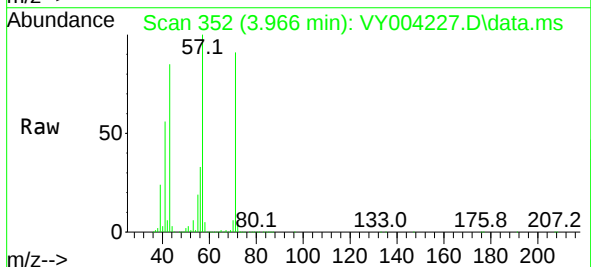
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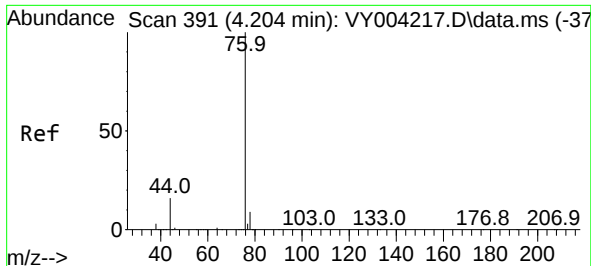
Tgt Ion: 53 Resp: 2838518
Ion Ratio Lower Upper
53 100
52 19.9 65.3 97.9#
51 71.3 29.8 44.8#



#16
Acetone
Concen: 39383.40 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
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Tgt Ion: 43 Resp:13731264
Ion Ratio Lower Upper
43 100
58 5.9 24.5 36.7#

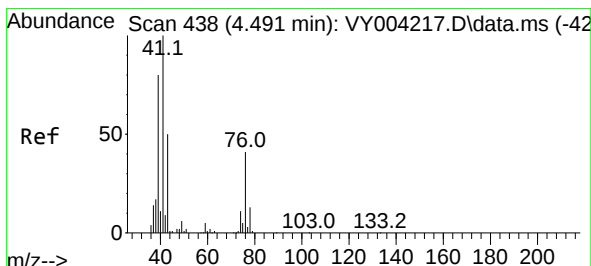
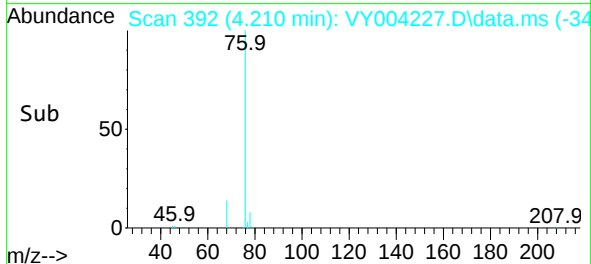
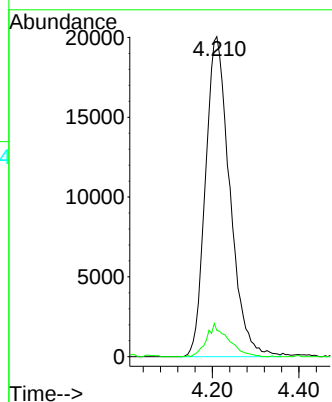
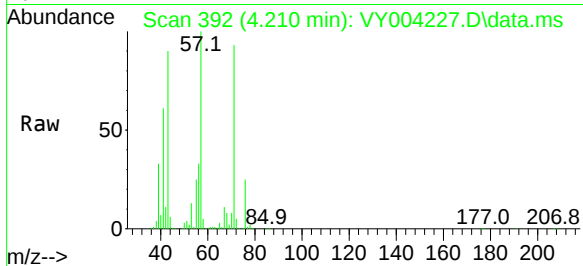




#17
Carbon Disulfide
Concen: 18.89 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

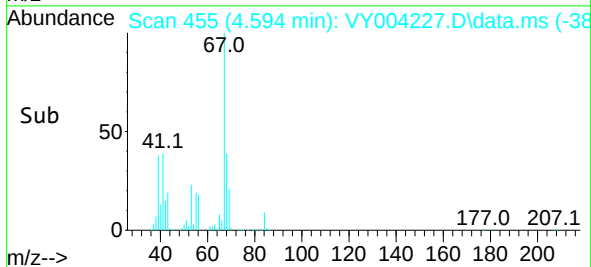
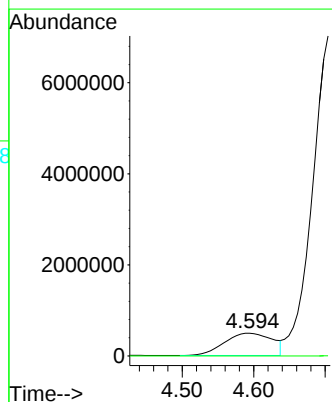
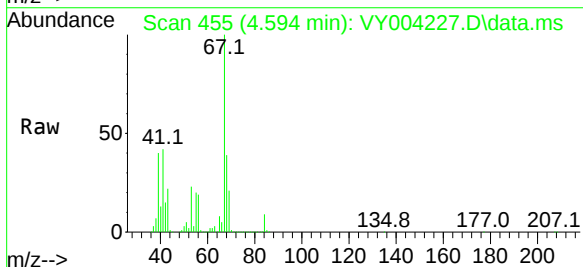
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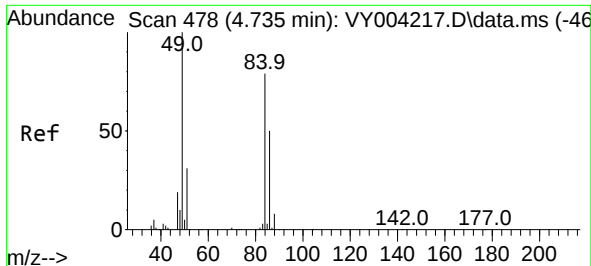
Tgt Ion: 76 Resp: 78225
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



#18
Methyl Acetate
Concen: 2056.70 ug/l
RT: 4.594 min Scan# 455
Delta R.T. 0.103 min
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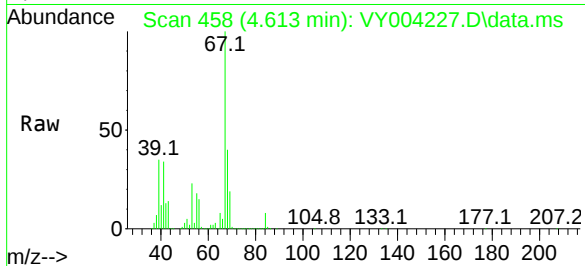
Tgt Ion: 43 Resp: 2295160
Ion Ratio Lower Upper
43 100
74 0.2 19.1 28.7#



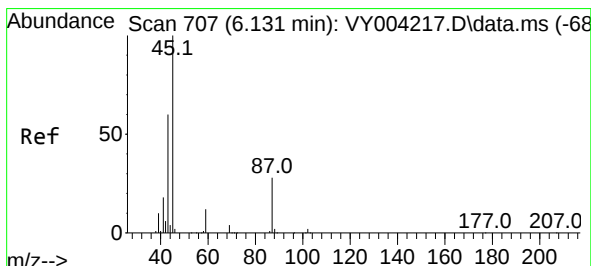
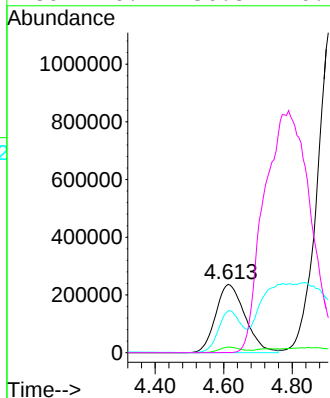
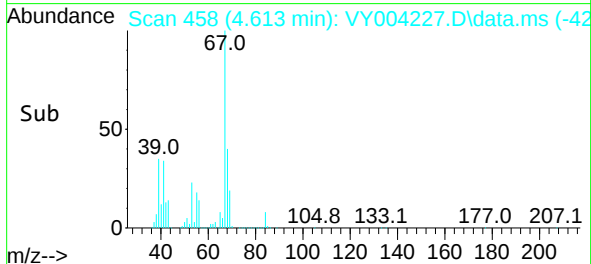


#20
Methylene Chloride
Concen: 866.09 ug/l
RT: 4.613 min Scan# 458
Delta R.T. -0.122 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

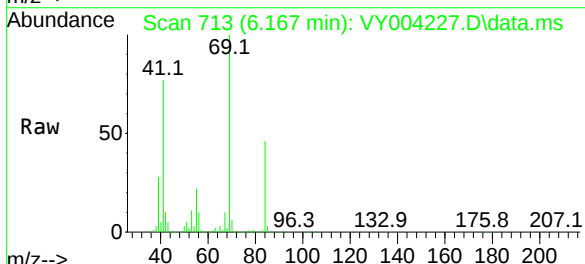
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10



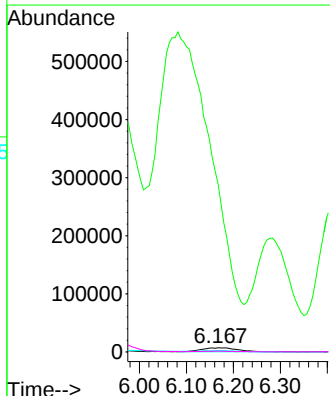
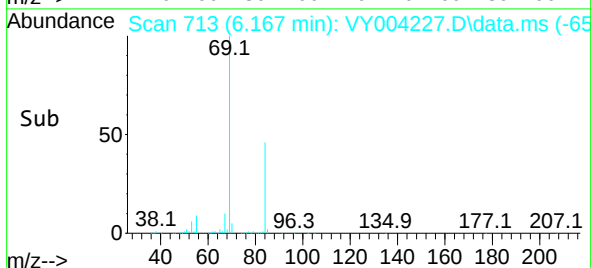
Tgt Ion: 84 Resp: 1409521
Ion Ratio Lower Upper
84 100
49 8.2 101.5 152.3#
51 61.0 31.5 47.3#
86 0.2 50.8 76.2#

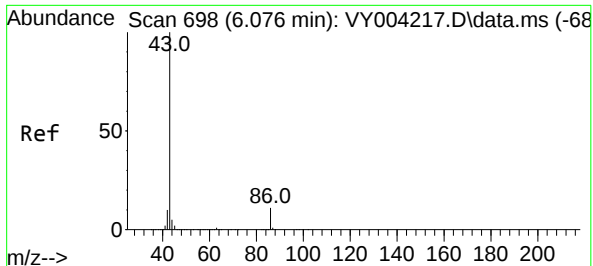


#22
Diisopropyl ether
Concen: 6.55 ug/l
RT: 6.167 min Scan# 713
Delta R.T. 0.036 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09



Tgt Ion: 45 Resp: 36090
Ion Ratio Lower Upper
45 100
43 1598.1 47.7 71.5#
87 35.9 22.7 34.1#
59 17.3 9.3 13.9#

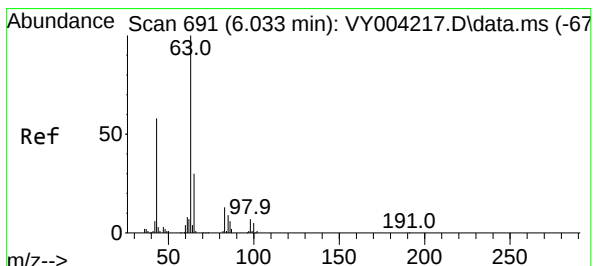
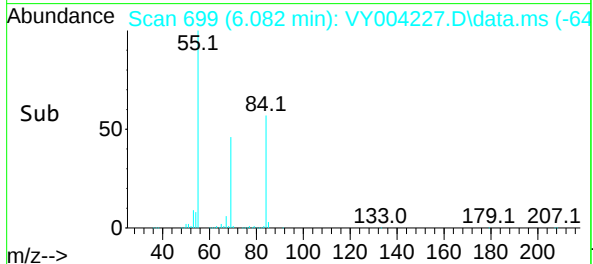
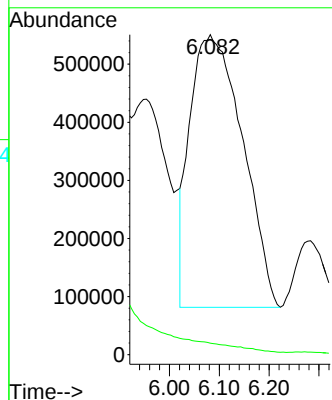
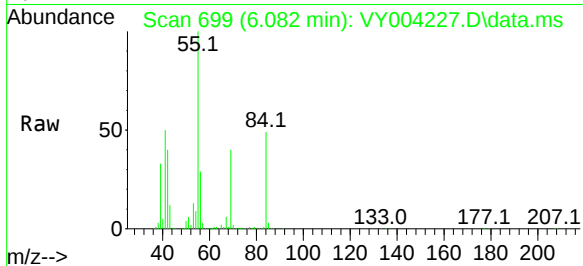




#23
 Vinyl Acetate
 Concen: 927.07 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY004227.D
 Acq: 30 Mar 2021 12:09

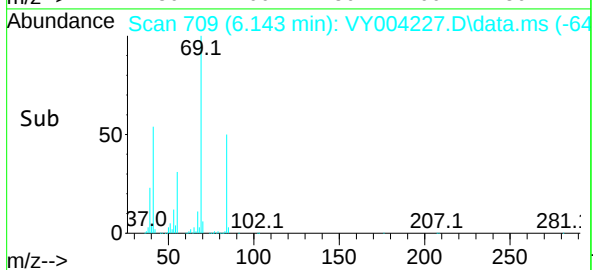
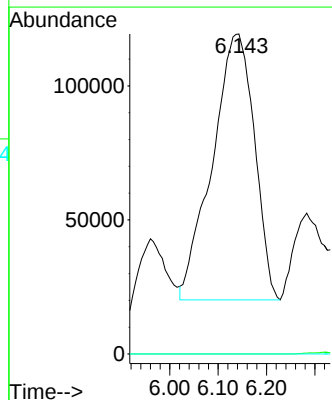
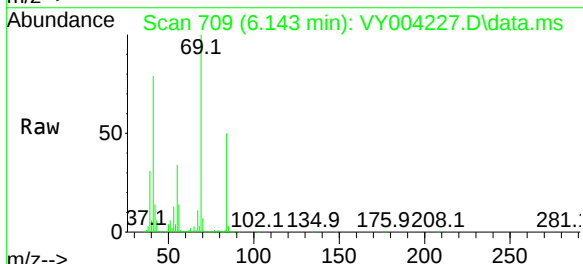
Instrument :
 MSVOA_Y
 ClientSampleId :
 B4-8-10

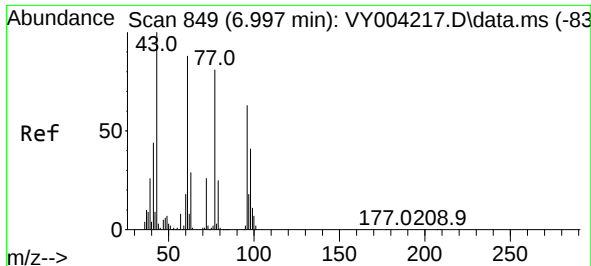
Tgt Ion: 43 Resp: 3436179
 Ion Ratio Lower Upper
 43 100
 86 3.3 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 200.29 ug/l
 RT: 6.143 min Scan# 709
 Delta R.T. 0.110 min
 Lab File: VY004227.D
 Acq: 30 Mar 2021 12:09

Tgt Ion: 63 Resp: 601281
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.9#





#25

2-Butanone

Concen: 5564.47 ug/l

RT: 7.027 min Scan# 854

Delta R.T. 0.030 min

Lab File: VY004227.D

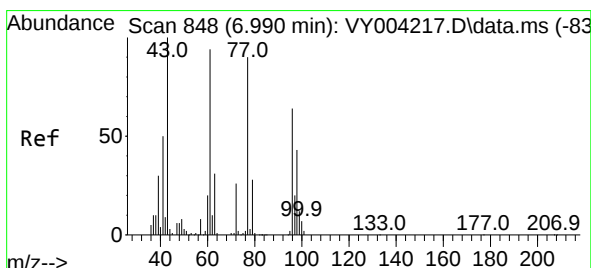
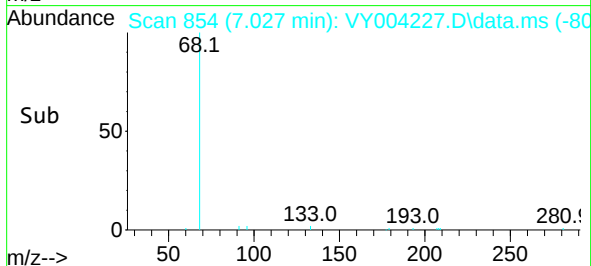
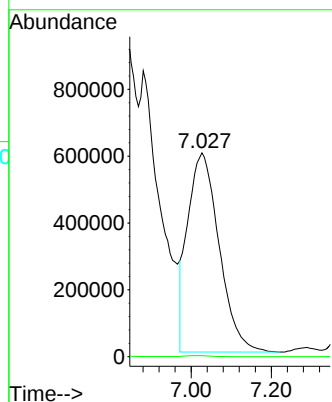
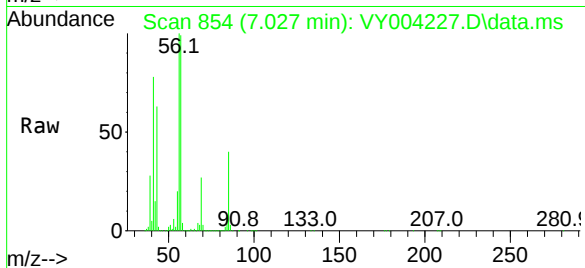
Acq: 30 Mar 2021 12:09

Tgt Ion: 43 Resp: 3241002

Ion Ratio Lower Upper

43 100

72 0.5 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 206.20 ug/l

RT: 6.856 min Scan# 826

Delta R.T. -0.134 min

Lab File: VY004227.D

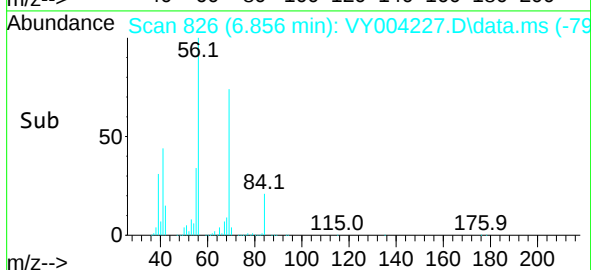
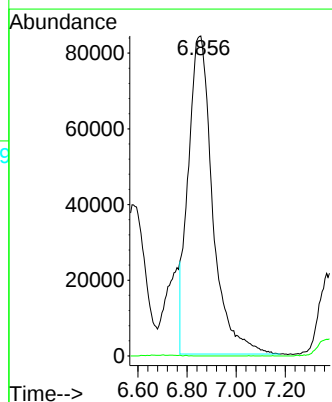
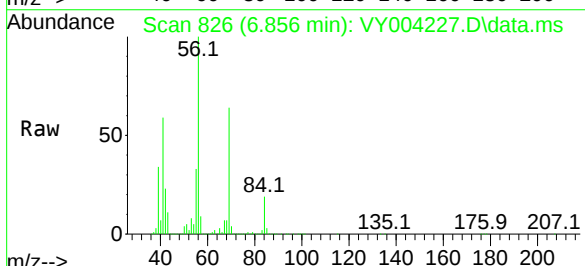
Acq: 30 Mar 2021 12:09

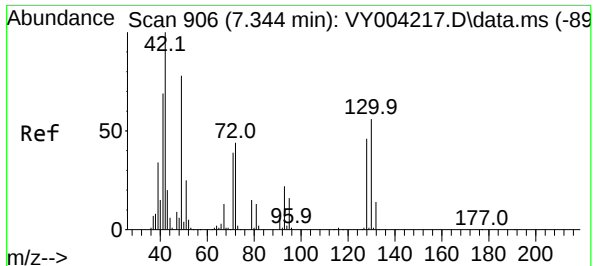
Tgt Ion: 77 Resp: 579303

Ion Ratio Lower Upper

77 100

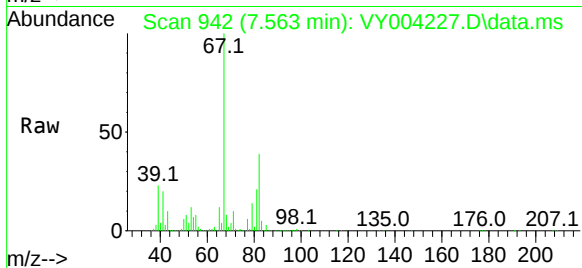
97 0.0 11.3 33.8#



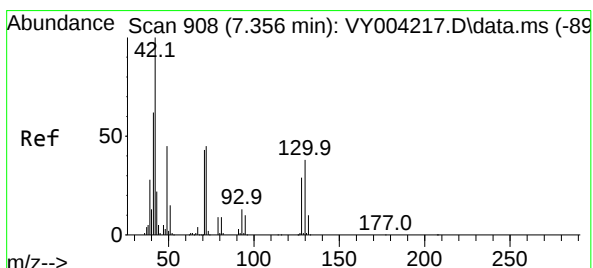
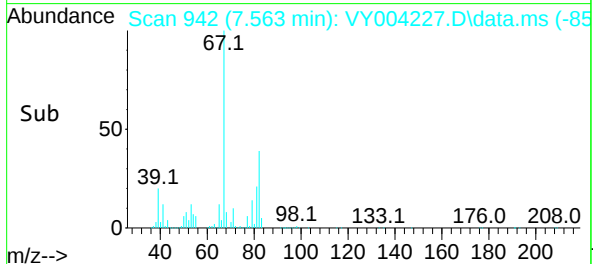
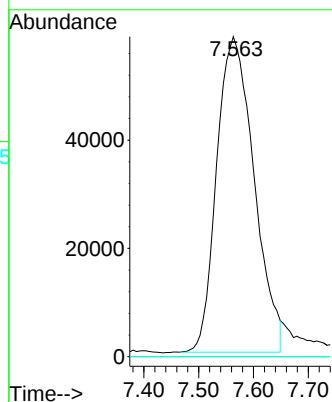


#28
Bromochloromethane
Concen: 226.03 ug/l
RT: 7.563 min Scan# 942
Delta R.T. 0.219 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

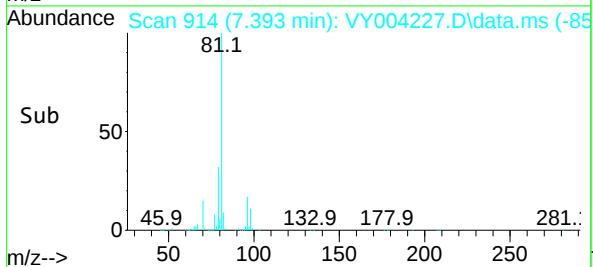
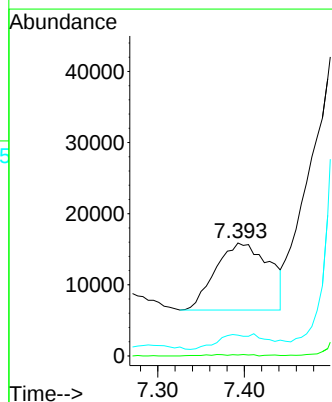
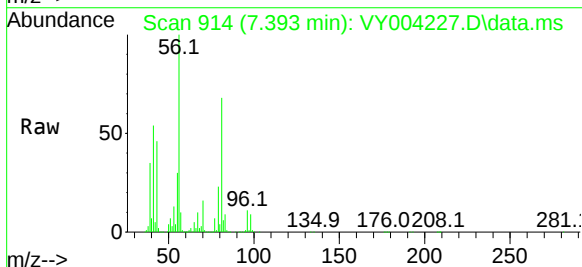


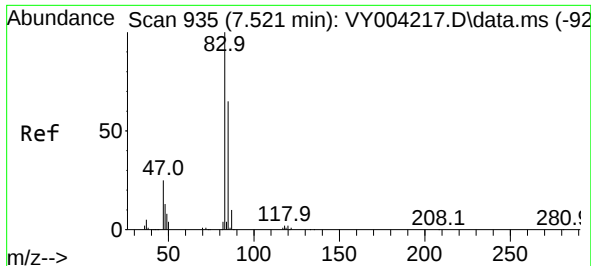
Tgt Ion: 49 Resp: 275846
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.5 93.7#



#29
Tetrahydrofuran
Concen: 99.20 ug/l
RT: 7.393 min Scan# 914
Delta R.T. 0.036 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 42 Resp: 40708
Ion Ratio Lower Upper
42 100
72 0.0 35.1 52.7#
71 0.0 32.9 49.3#

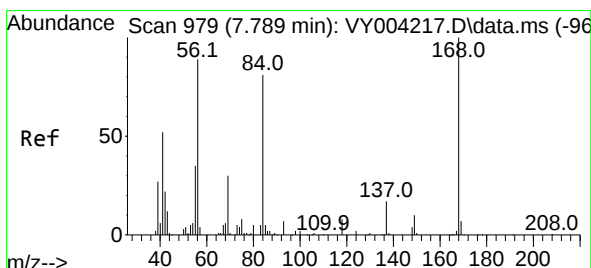
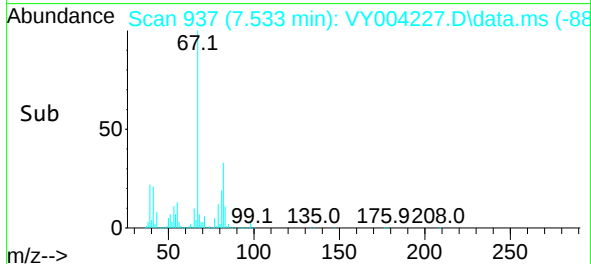
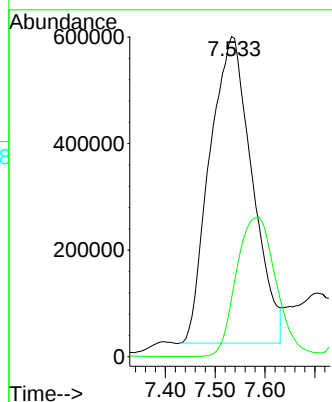
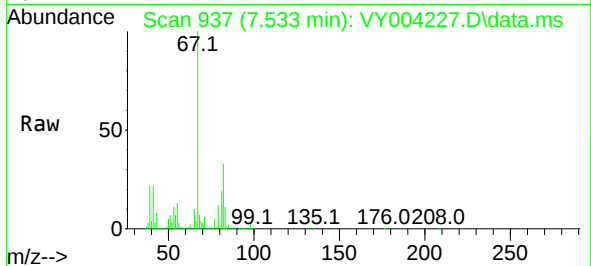




#30
Chloroform
Concen: 1063.90 ug/l
RT: 7.533 min Scan# 937
Delta R.T. 0.012 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

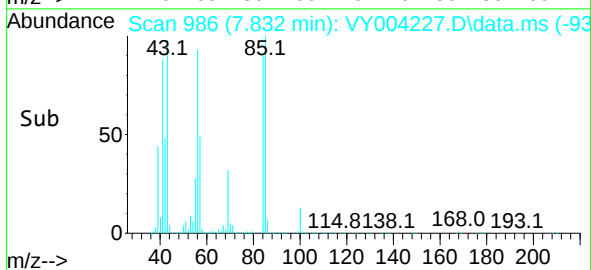
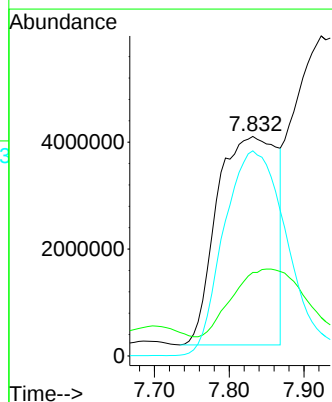
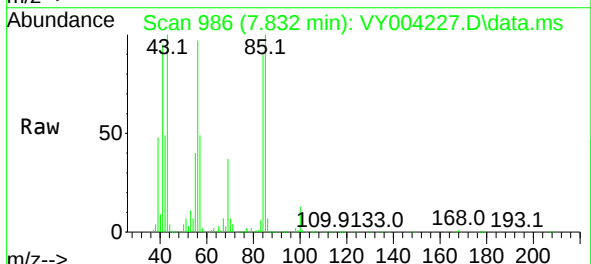
Instrument :
MSVOA_Y
ClientSampled :
B4-8-10

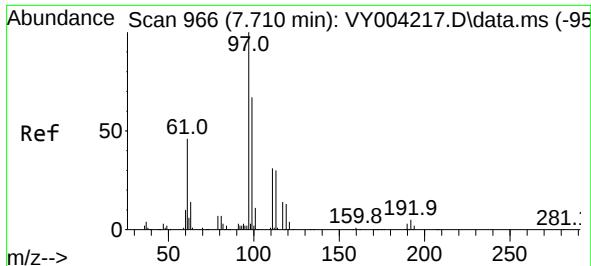
Tgt Ion: 83 Resp: 3398427
Ion Ratio Lower Upper
83 100
85 19.0 51.7 77.5#



#31
Cyclohexane
Concen: 7339.14 ug/l
RT: 7.832 min Scan# 986
Delta R.T. 0.042 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 56 Resp: 21706066
Ion Ratio Lower Upper
56 100
69 28.7 26.6 40.0
84 98.0 72.3 108.5

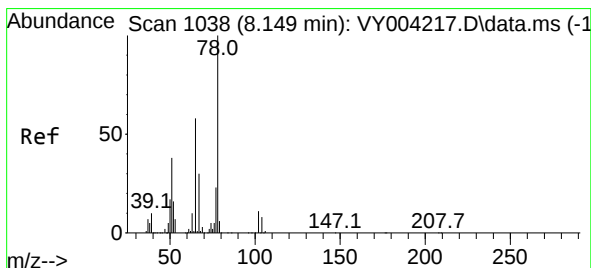
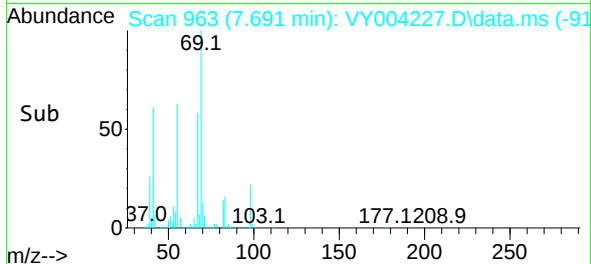
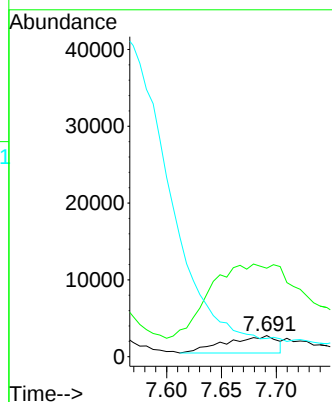
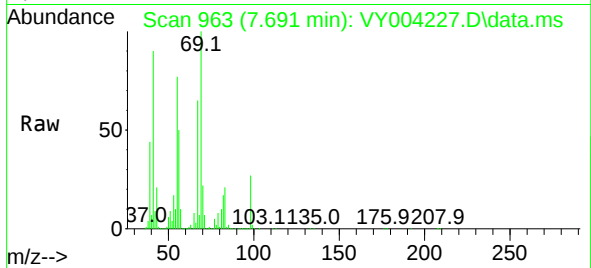




#32
1,1,1-Trichloroethane
Concen: 2.49 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.018 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

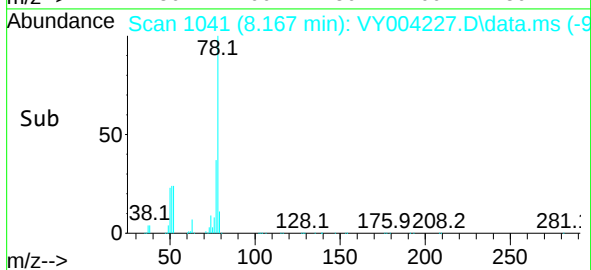
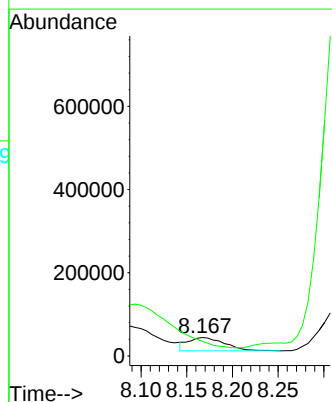
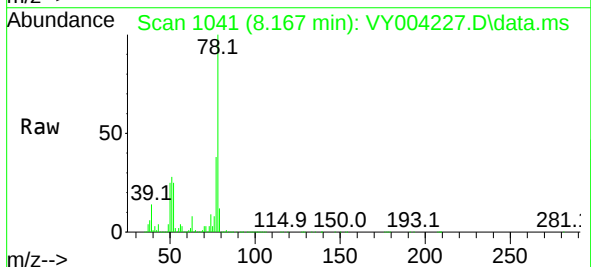
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

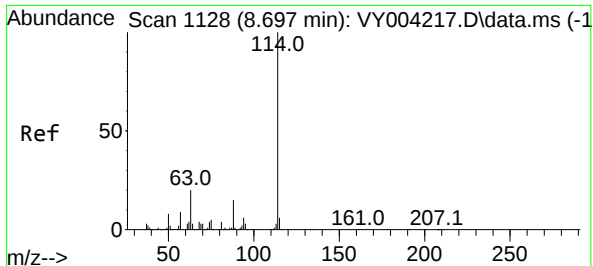
Tgt Ion: 97 Resp: 7272
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 0.0 34.6 51.8#



#33
1,2-Dichloroethane-d4
Concen: 52.40 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.018 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 65 Resp: 87686
Ion Ratio Lower Upper
65 100
67 0.0 0.0 103.2

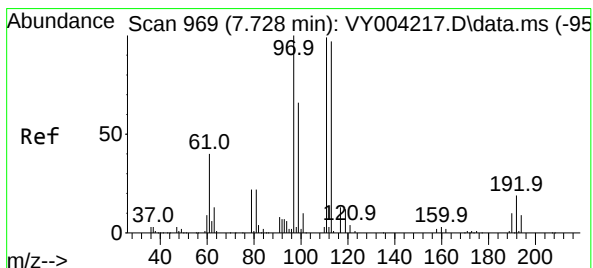
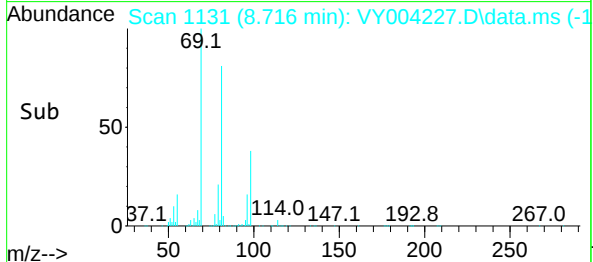
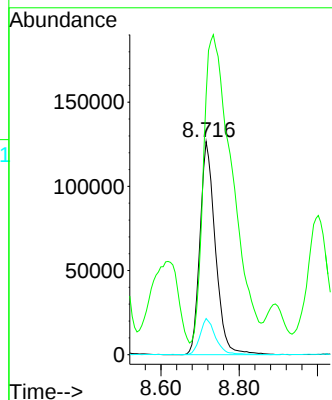
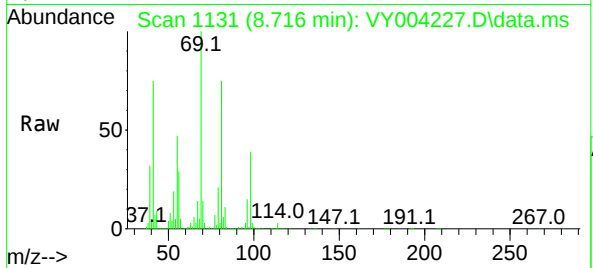




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.716 min Scan# 1131
Delta R.T. 0.019 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

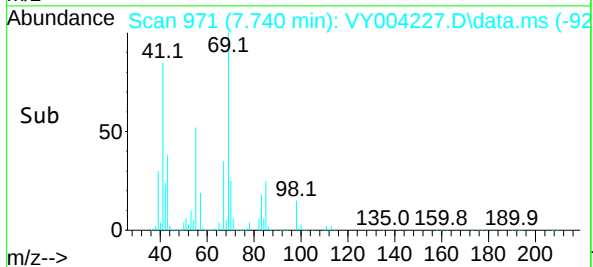
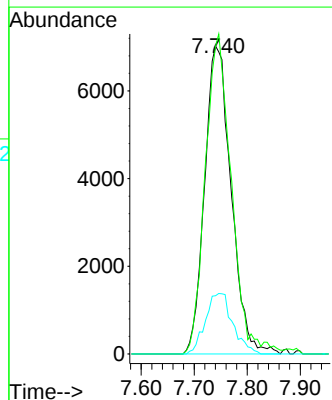
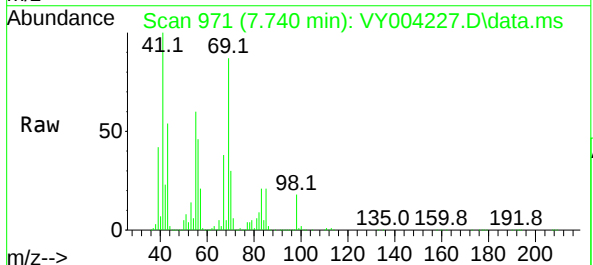
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

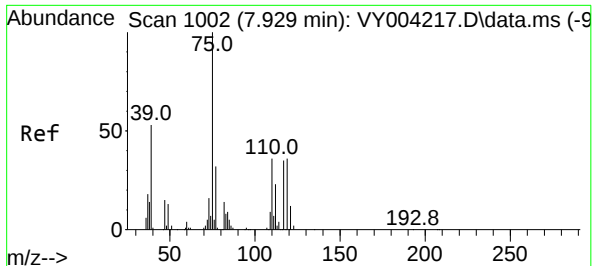
Tgt Ion:114 Resp: 346391
Ion Ratio Lower Upper
114 100
63 101.2 0.0 40.4#
88 16.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 12.64 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion:113 Resp: 24399
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.2 16.4 24.6

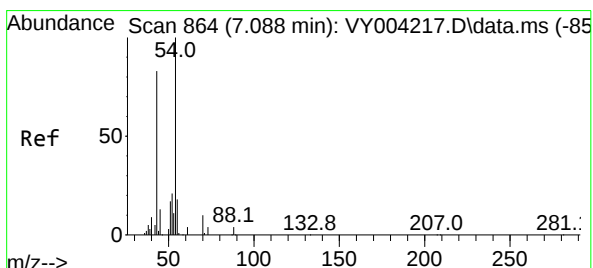
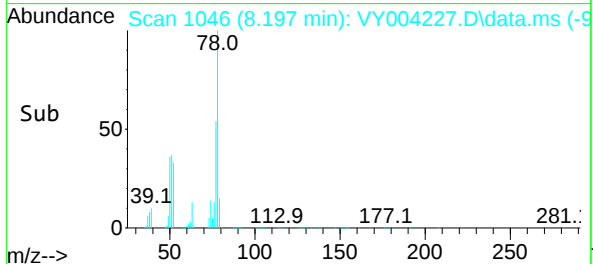
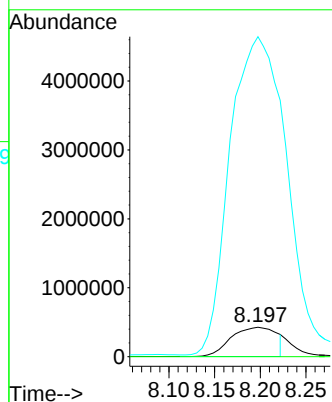
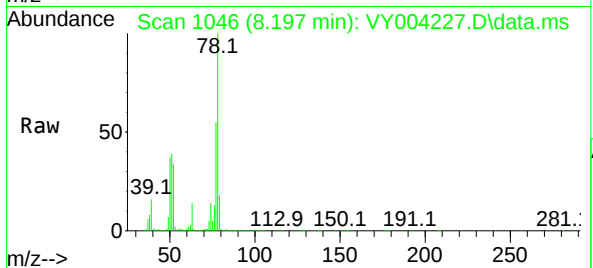




#36
1,1-Dichloropropene
Concen: 468.13 ug/l
RT: 8.197 min Scan# 1046
Delta R.T. 0.268 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

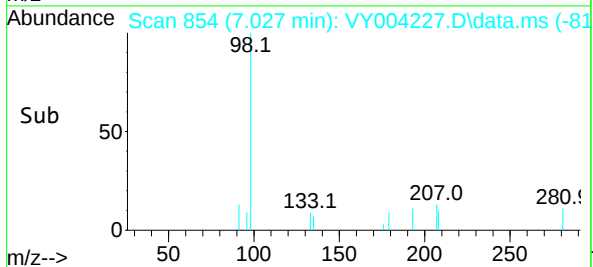
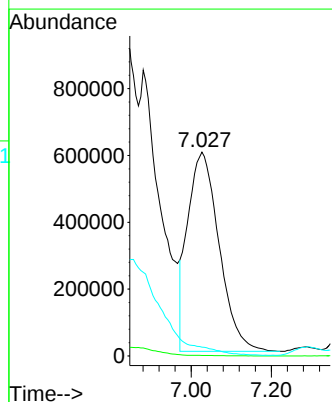
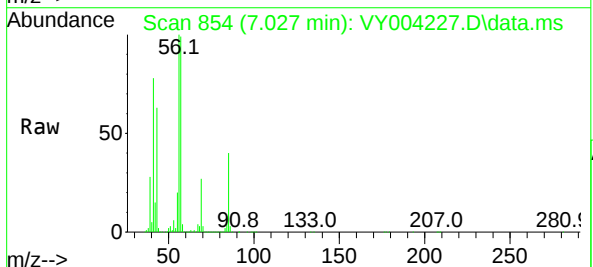
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

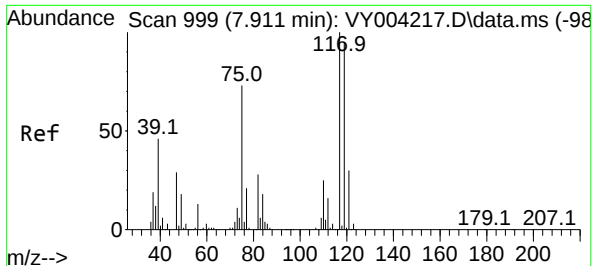
Tgt Ion: 75 Resp: 1480268
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.3#
77 1115.6 25.1 37.7#



#37
Ethyl Acetate
Concen: 1747.14 ug/l
RT: 7.027 min Scan# 854
Delta R.T. -0.061 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 43 Resp: 3241002
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 8.0 12.0#

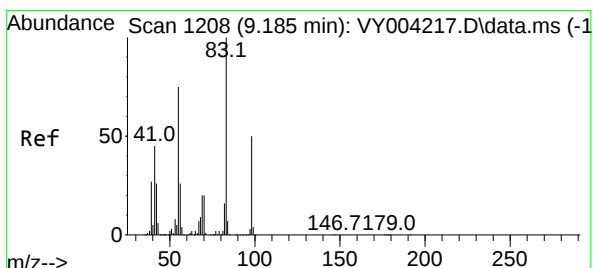
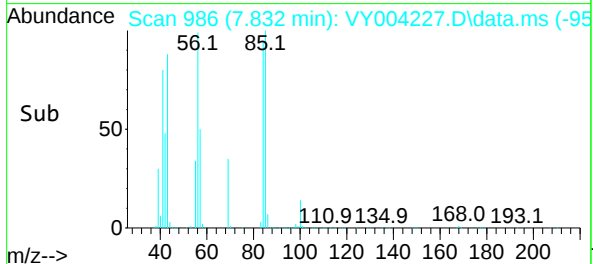
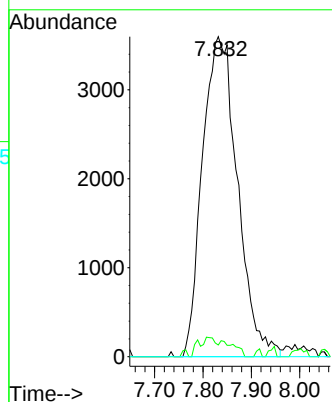
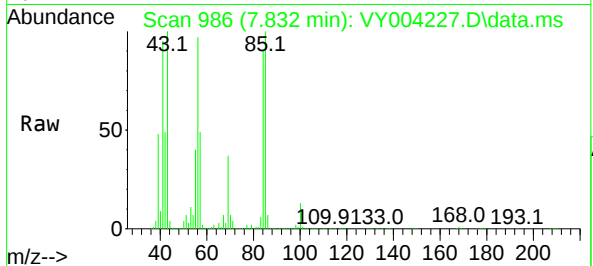




#38
Carbon Tetrachloride
Concen: 6.58 ug/l
RT: 7.832 min Scan# 986
Delta R.T. -0.079 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

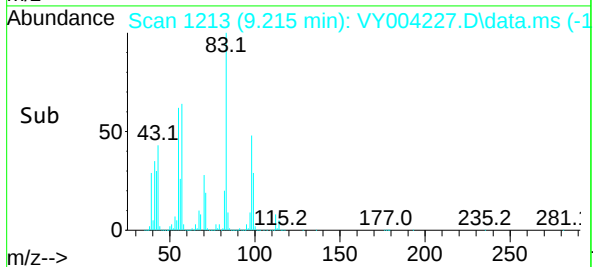
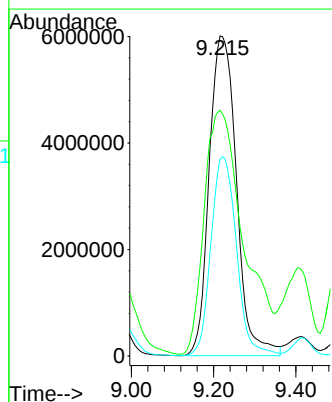
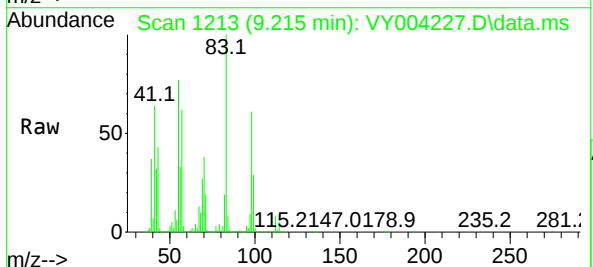
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

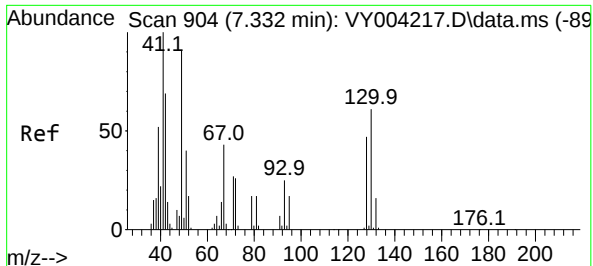
Tgt Ion:117 Resp: 18095
Ion Ratio Lower Upper
117 100
119 3.7 75.6 113.4#
121 0.0 24.3 36.5#



#39
Methylcyclohexane
Concen: 7067.75 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.030 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

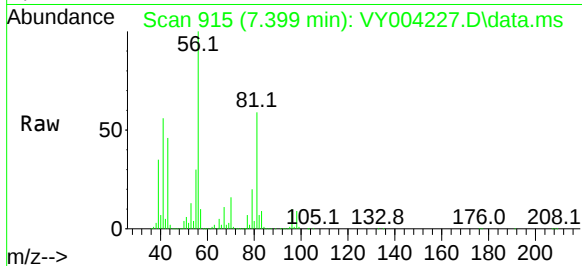
Tgt Ion: 83 Resp:27671063
Ion Ratio Lower Upper
83 100
55 76.3 60.0 90.0
98 61.4 40.2 60.2#



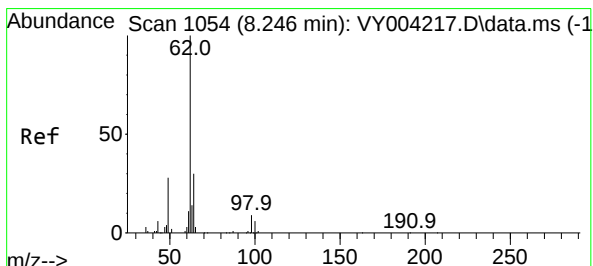
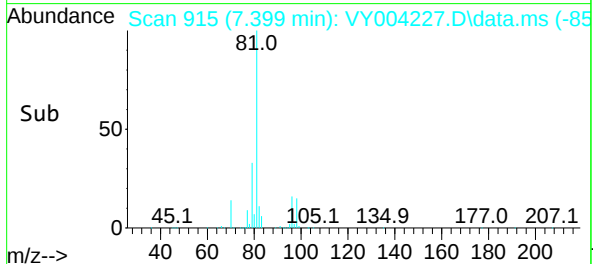
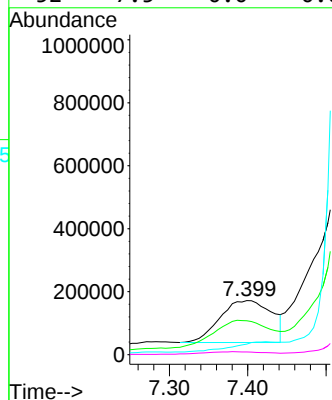


#41
Methacrylonitrile
Concen: 597.27 ug/l
RT: 7.399 min Scan# 915
Delta R.T. 0.067 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Instrument :
MSVOA_Y
ClientSampled :
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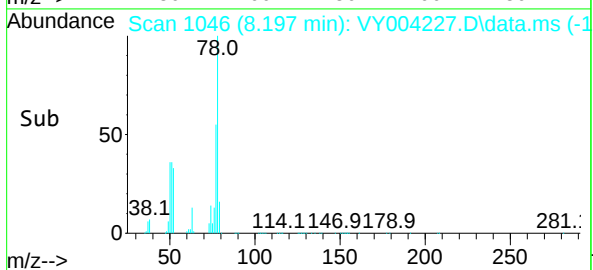
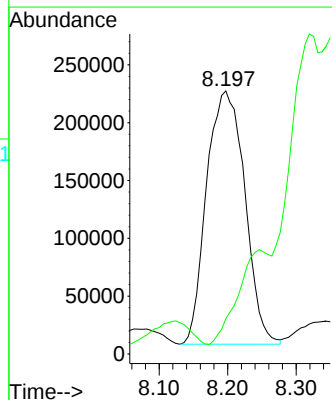
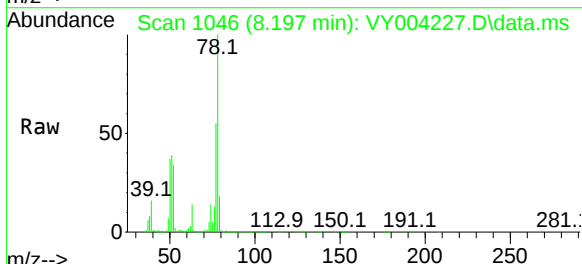


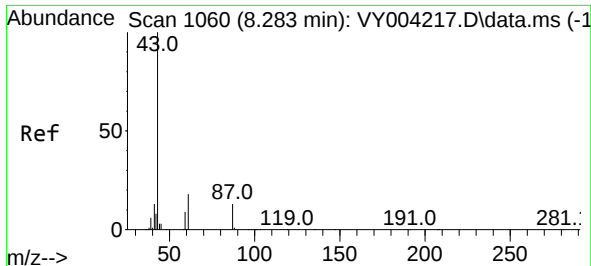
Tgt Ion: 41 Resp: 613869
Ion Ratio Lower Upper
41 100
39 86.0 103.4 155.2#
67 0.0 0.0 0.0
52 7.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 301.27 ug/l
RT: 8.197 min Scan# 1046
Delta R.T. -0.049 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 62 Resp: 848680
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.6





#43

Isopropyl Acetate

Concen: 4883.24 ug/l

RT: 8.392 min Scan# 1078

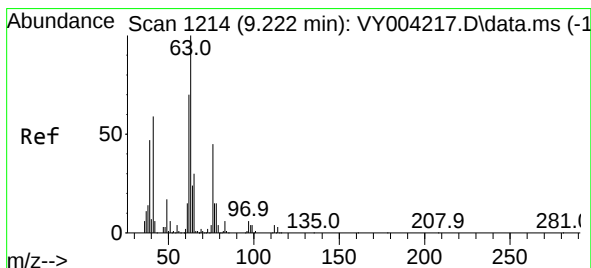
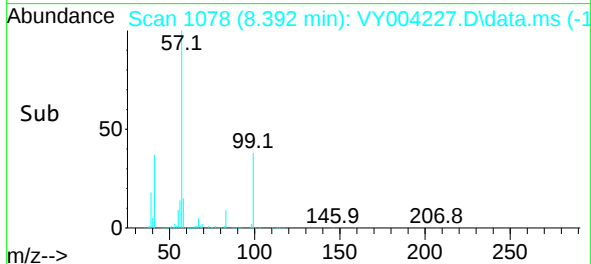
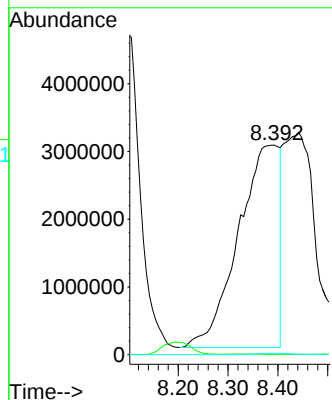
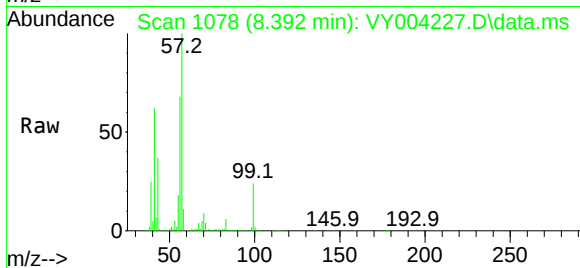
Delta R.T. 0.110 min

Lab File: VY004227.D

Acq: 30 Mar 2021 12:09

Tgt Ion: 43 Resp:17150696

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.9	32.9#
87	0.6	10.6	15.8#



#45

1,2-Dichloropropane

Concen: 302.02 ug/l

RT: 9.209 min Scan# 1212

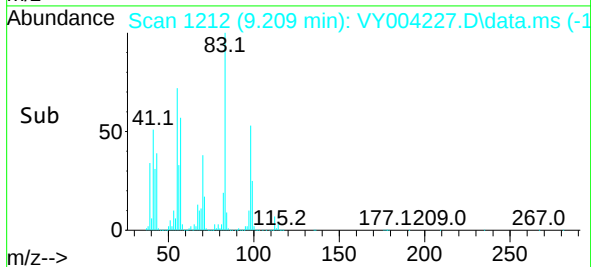
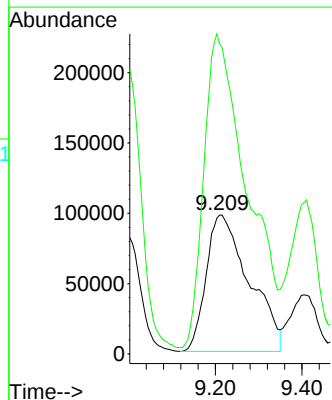
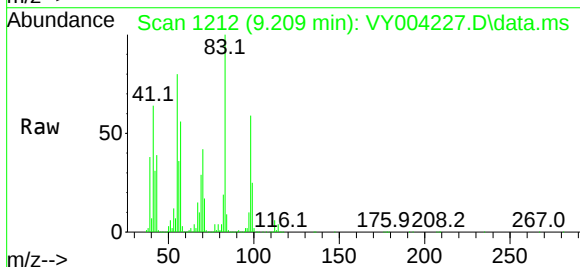
Delta R.T. -0.012 min

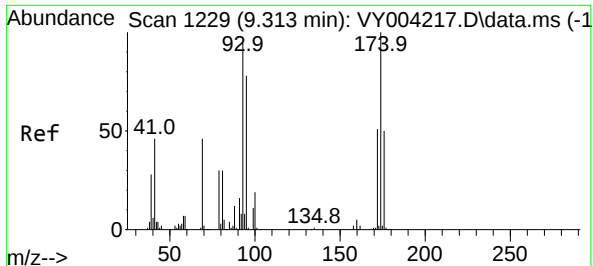
Lab File: VY004227.D

Acq: 30 Mar 2021 12:09

Tgt Ion: 63 Resp: 669077

Ion	Ratio	Lower	Upper
63	100		
65	222.7	23.7	35.5#





#46

Dibromomethane

Concen: 79.92 ug/l

RT: 9.246 min Scan# 1218

Delta R.T. -0.067 min

Lab File: VY004227.D

Acq: 30 Mar 2021 12:09

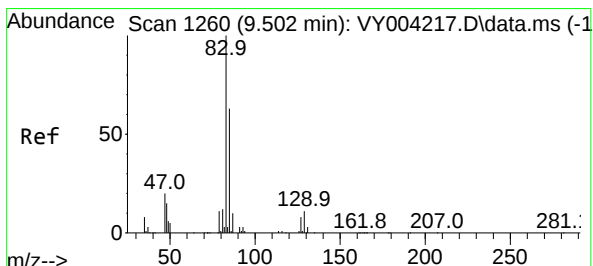
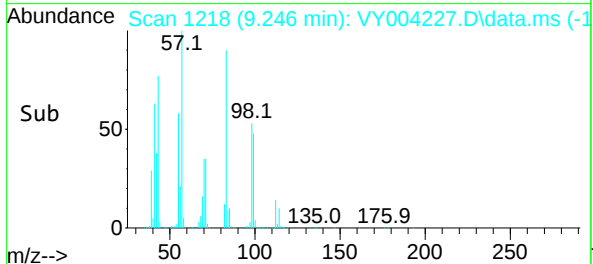
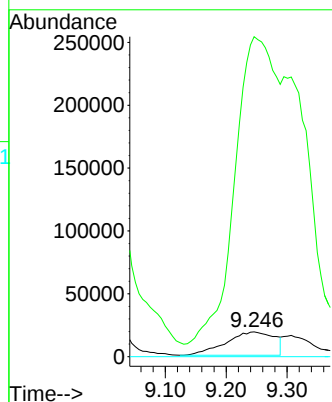
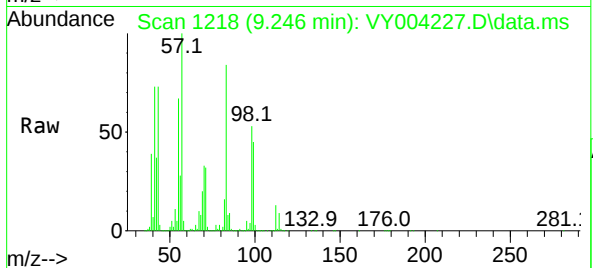
Tgt Ion: 93 Resp: 104100

Ion Ratio Lower Upper

93 100

95 1122.3 64.6 97.0#

174 0.0 82.7 124.1#



#47

Bromodichloromethane

Concen: 446.00 ug/l

RT: 9.520 min Scan# 1263

Delta R.T. 0.018 min

Lab File: VY004227.D

Acq: 30 Mar 2021 12:09

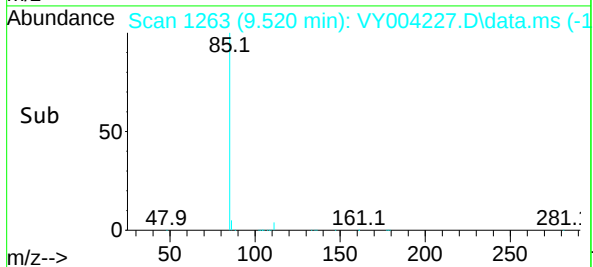
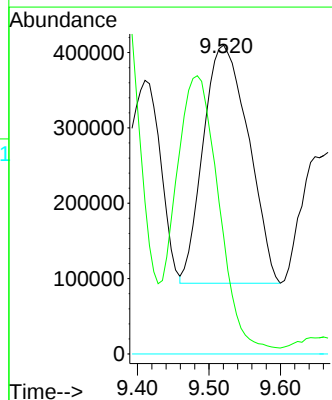
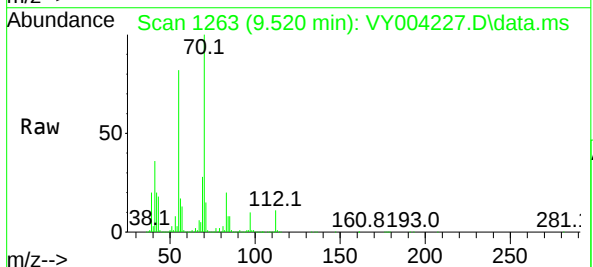
Tgt Ion: 83 Resp: 1385965

Ion Ratio Lower Upper

83 100

85 47.3 50.3 75.5#

127 0.0 6.7 10.1#

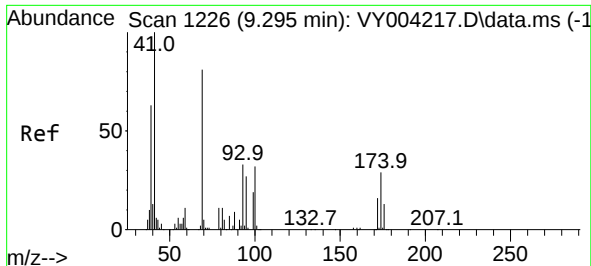


Instrument :

MSVOA_Y

ClientSampleId :

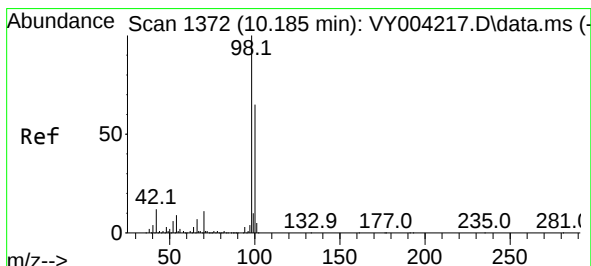
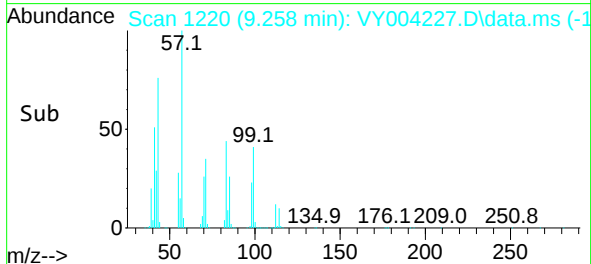
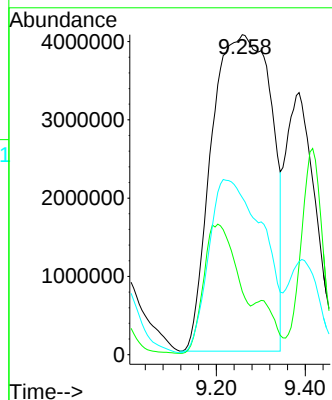
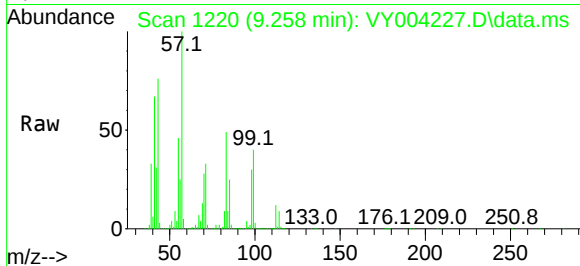
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#48
Methyl methacrylate
Concen: 23527.21 ug/l
RT: 9.258 min Scan# 1220
Delta R.T. -0.037 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

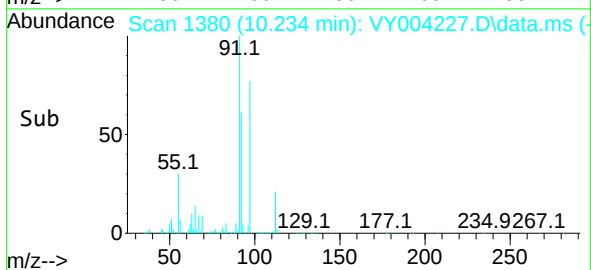
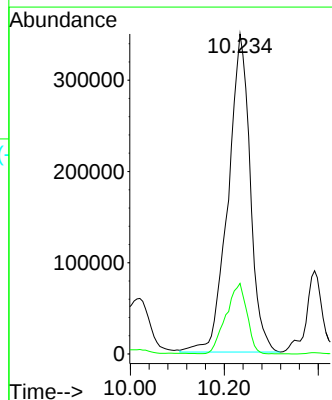
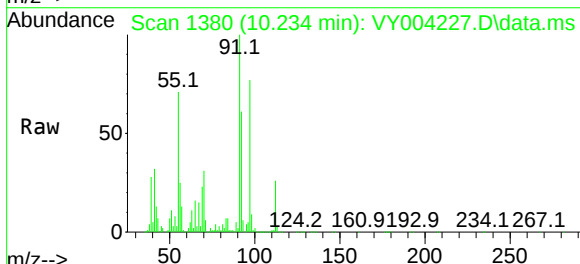
Instrument :
MSVOA_Y
ClientSampled :
B4-8-10

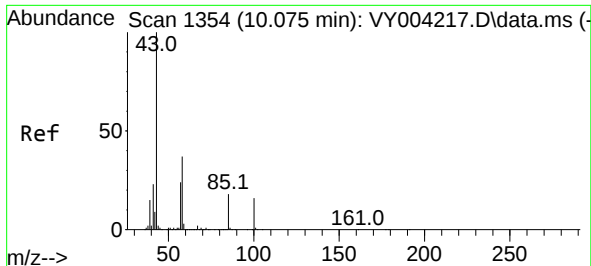
Tgt Ion: 41 Resp: 37530481
Ion Ratio Lower Upper
41 100
69 0.0 67.0 100.4#
39 0.0 49.0 73.6#



#50
Toluene-d8
Concen: 156.83 ug/l
RT: 10.234 min Scan# 1380
Delta R.T. 0.049 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 98 Resp: 1138480
Ion Ratio Lower Upper
98 100
100 20.9 52.5 78.7#

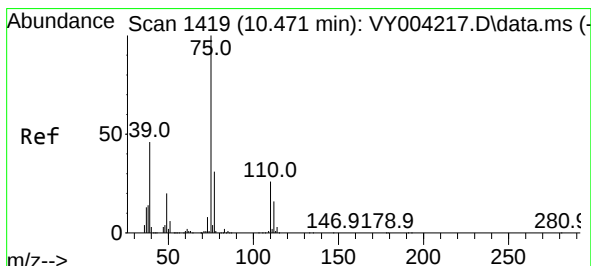
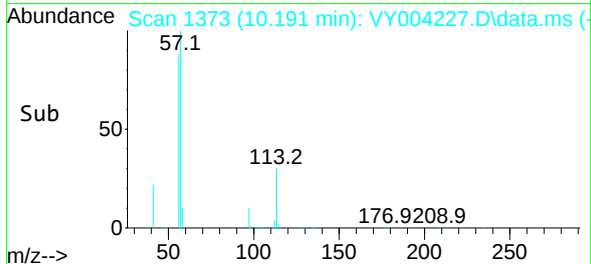
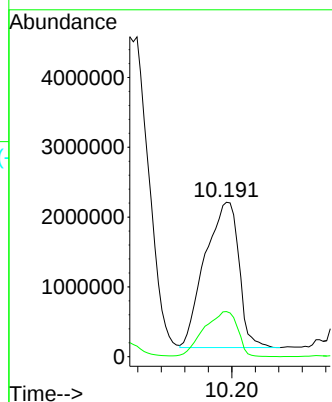
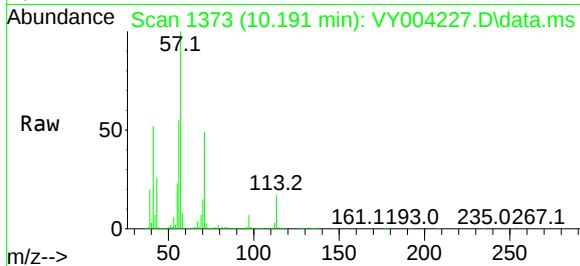




#51
4-Methyl-2-Pentanone
Concen: 4673.49 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.116 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

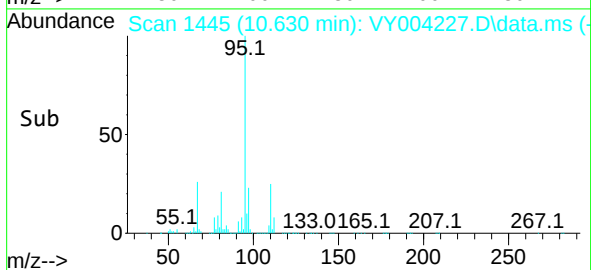
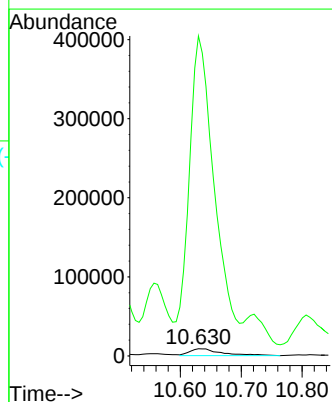
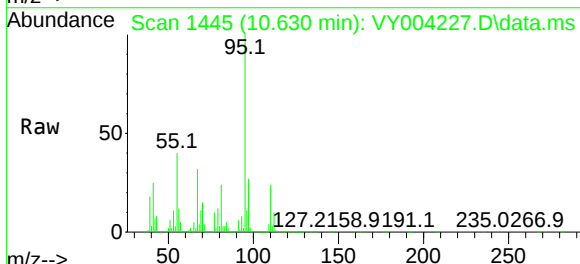
Instrument :
MSVOA_Y
ClientSampled :
B4-8-10

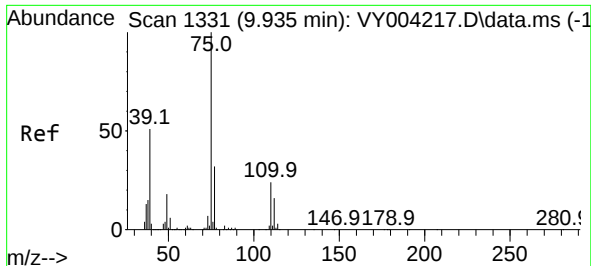
Tgt Ion: 43 Resp: 8363052
Ion Ratio Lower Upper
43 100
58 30.9 30.6 45.8



#53
t-1,3-Dichloropropene
Concen: 9.33 ug/l
RT: 10.630 min Scan# 1445
Delta R.T. 0.158 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 75 Resp: 30904
Ion Ratio Lower Upper
75 100
77 4526.8 24.4 36.6#

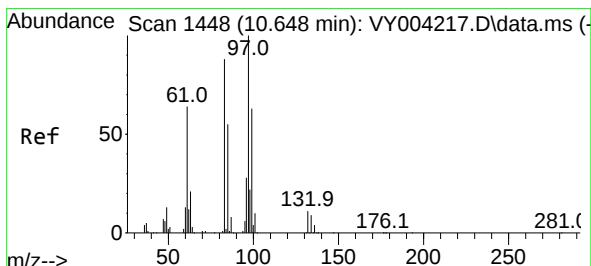
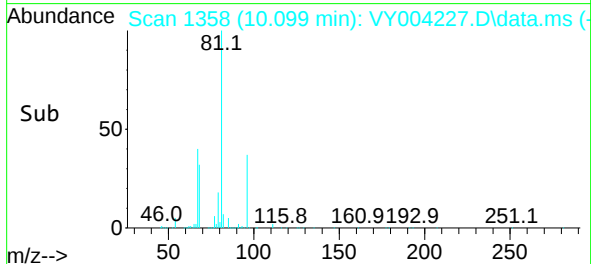
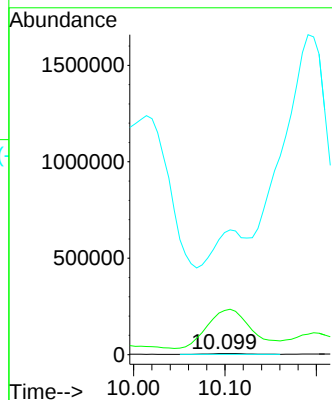
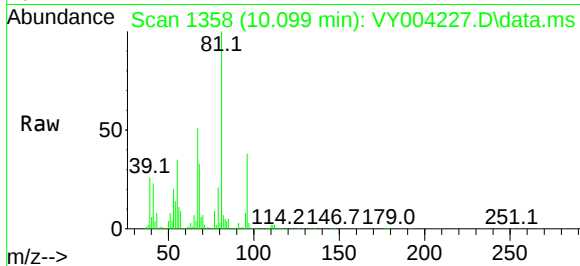




#54
 cis-1,3-Dichloropropene
 Concen: 3.49 ug/l
 RT: 10.099 min Scan# 1358
 Delta R.T. 0.164 min
 Lab File: VY004227.D
 Acq: 30 Mar 2021 12:09

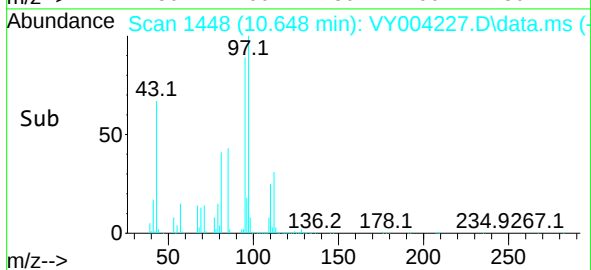
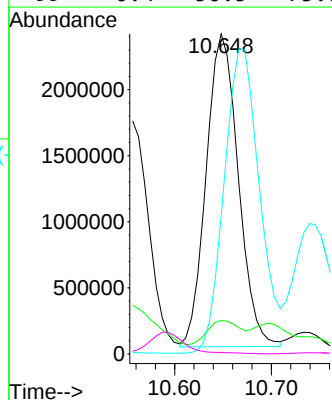
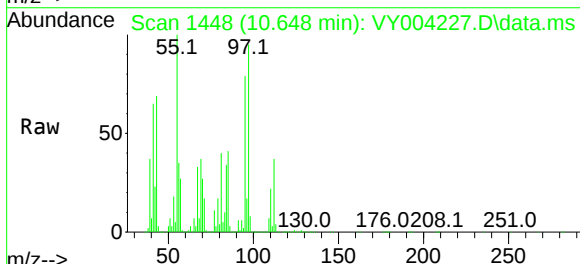
Instrument :
 MSVOA_Y
 ClientSampled :
 B4-8-10

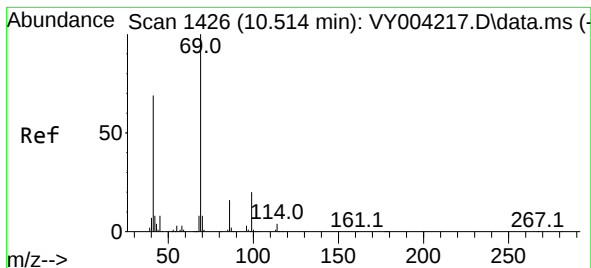
Tgt Ion: 75 Resp: 12922
 Ion Ratio Lower Upper
 75 100
 77 4602.0 25.5 38.3#
 39 834.3 40.6 61.0#



#55
 1,1,2-Trichloroethane
 Concen: 3059.96 ug/l
 RT: 10.648 min Scan# 1448
 Delta R.T. -0.000 min
 Lab File: VY004227.D
 Acq: 30 Mar 2021 12:09

Tgt Ion: 97 Resp: 5459892
 Ion Ratio Lower Upper
 97 100
 83 7.1 70.6 105.8#
 85 44.2 44.2 66.4#
 99 0.4 50.5 75.7#

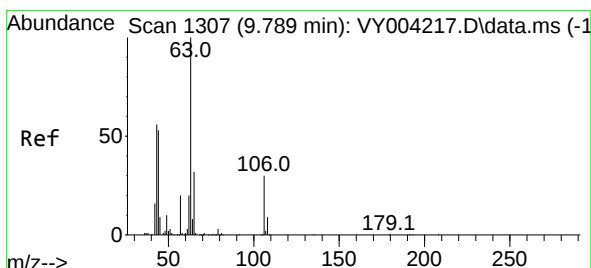
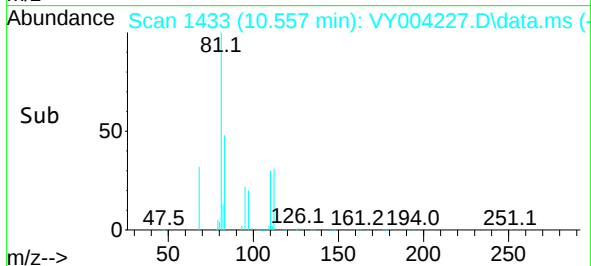
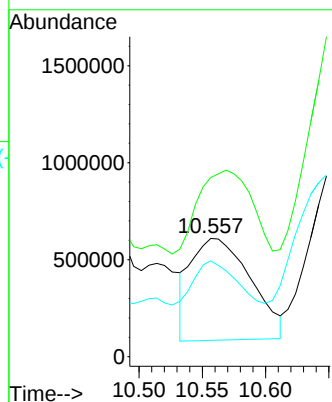
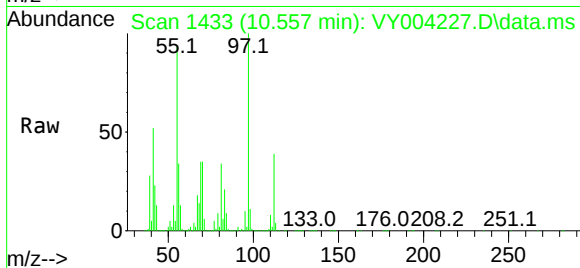




#56
Ethyl methacrylate
Concen: 704.10 ug/l
RT: 10.557 min Scan# 1433
Delta R.T. 0.042 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

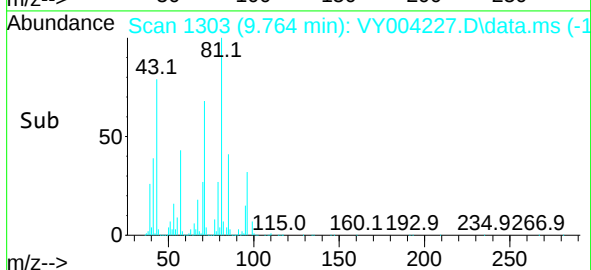
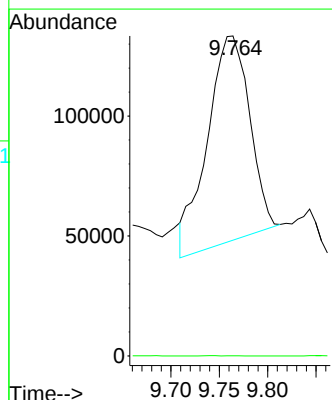
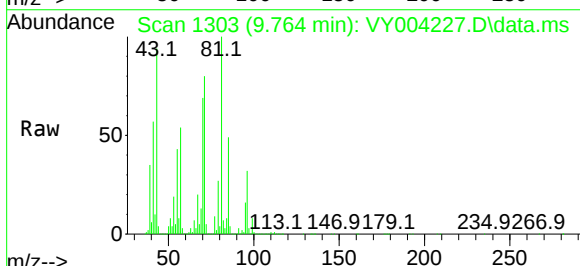
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

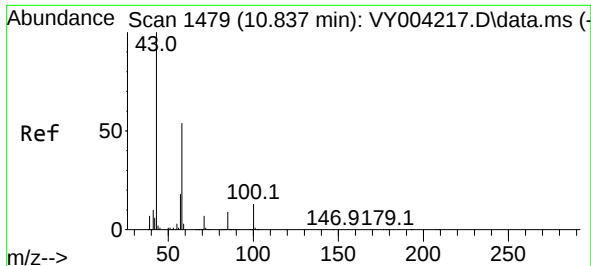
Tgt Ion: 69 Resp: 1723832
Ion Ratio Lower Upper
69 100
41 160.3 54.8 82.2#
39 35.5 33.4 50.0



#58
2-Chloroethyl Vinyl ether
Concen: 250.60 ug/l
RT: 9.764 min Scan# 1303
Delta R.T. -0.025 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 63 Resp: 262501
Ion Ratio Lower Upper
63 100
106 0.0 23.8 35.8#

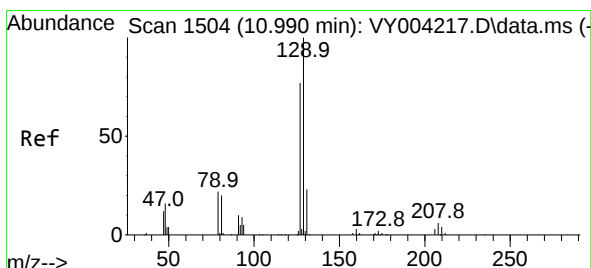
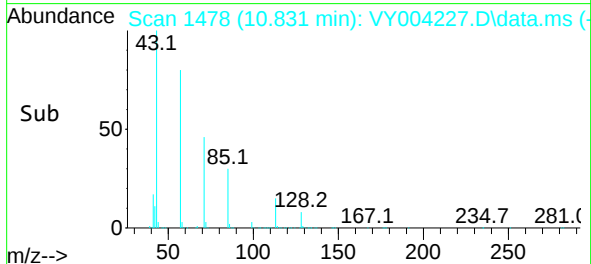
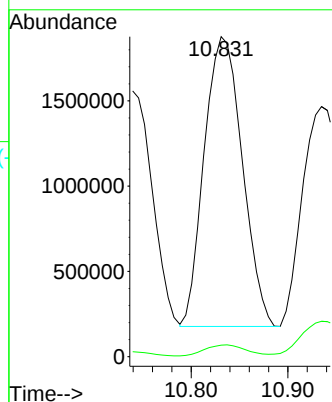
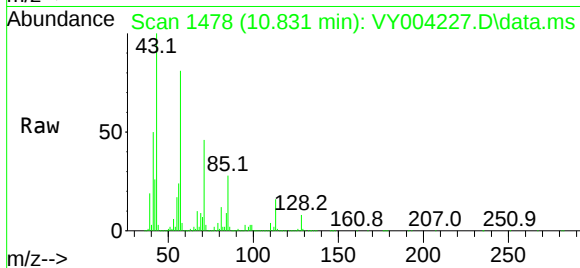




#59
2-Hexanone
Concen: 3782.05 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

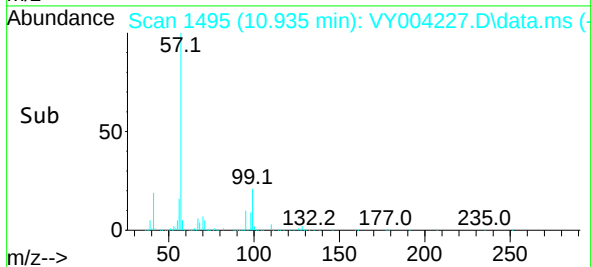
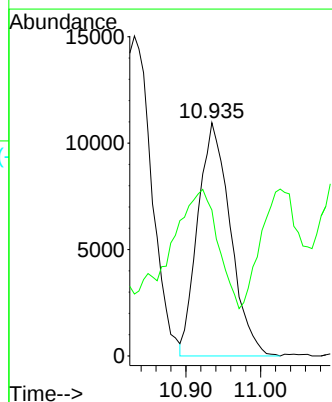
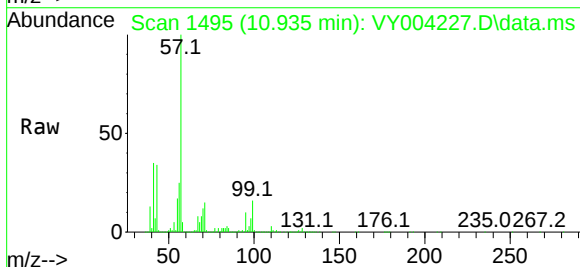
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

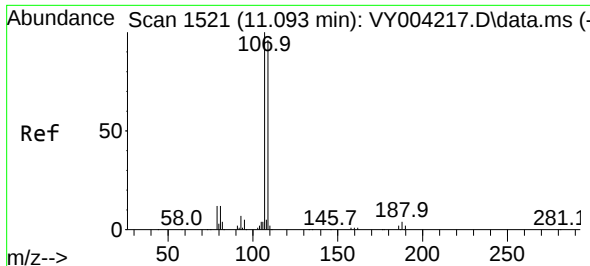
Tgt Ion: 43 Resp: 4652761
Ion Ratio Lower Upper
43 100
58 4.0 26.7 80.1#



#60
Dibromochloromethane
Concen: 15.49 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. -0.055 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 129 Resp: 33138
Ion Ratio Lower Upper
129 100
127 106.7 38.9 116.7

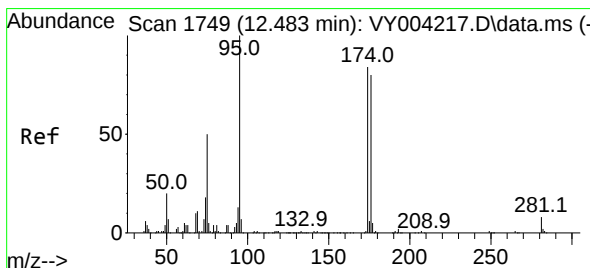
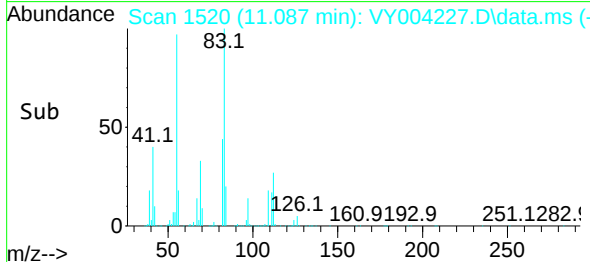
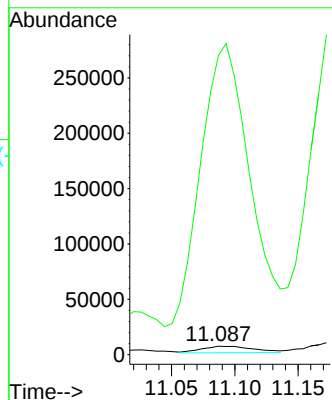
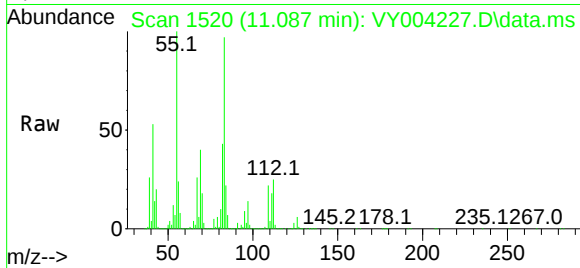




#61
1,2-Dibromoethane
Concen: 9.87 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

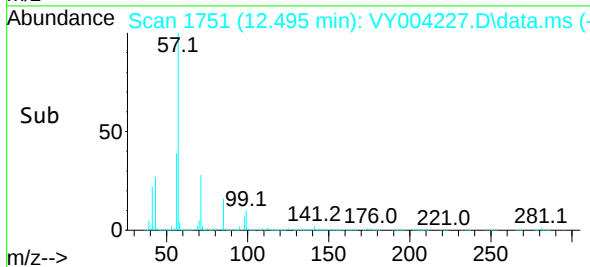
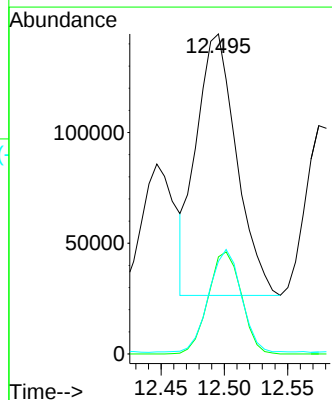
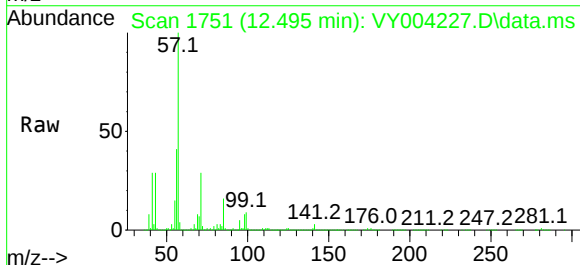
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

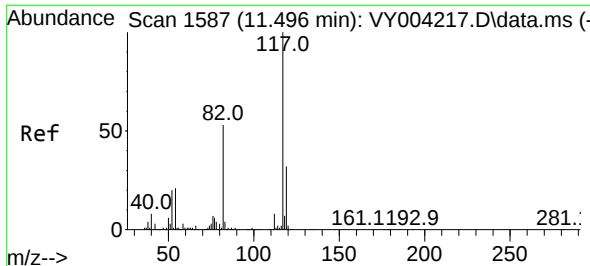
Tgt Ion:107 Resp: 17379
Ion Ratio Lower Upper
107 100
109 3997.6 75.6 113.4#



#62
4-Bromofluorobenzene
Concen: 104.76 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 95 Resp: 260641
Ion Ratio Lower Upper
95 100
174 32.3 0.0 171.4
176 32.0 0.0 165.6

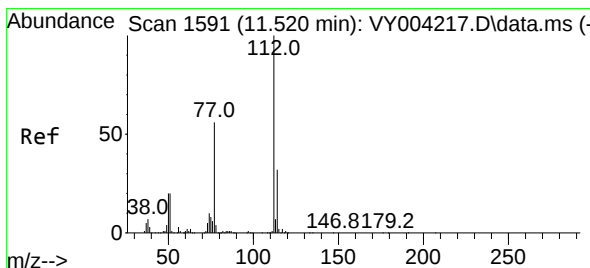
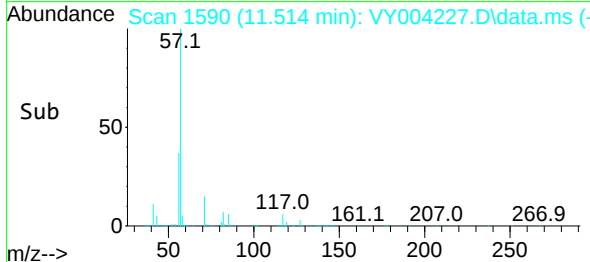
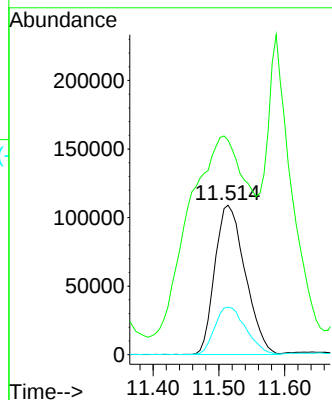
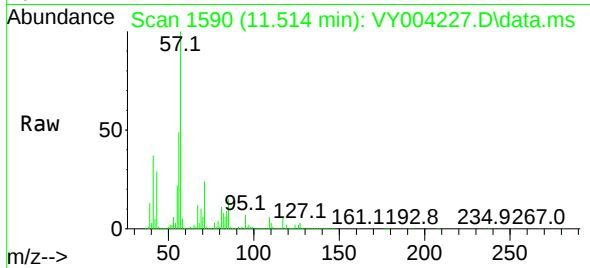




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.018 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

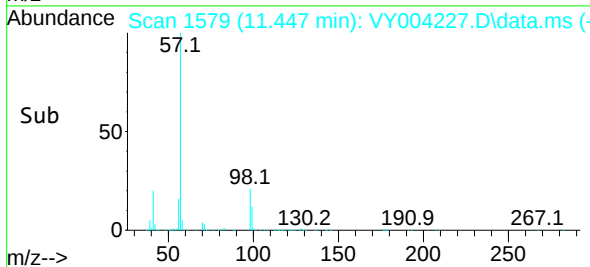
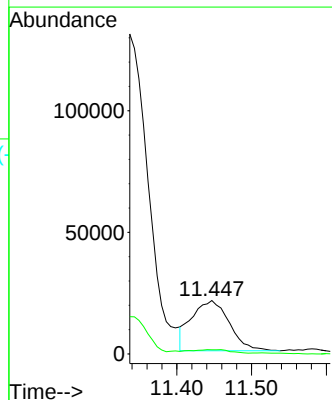
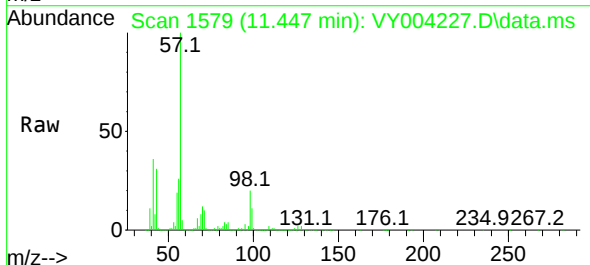
Instrument :
MSVOA_Y
ClientSampled :
B4-8-10

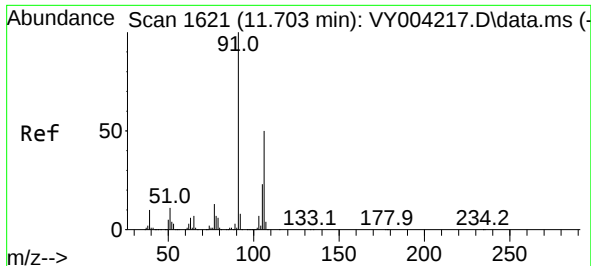
Tgt Ion:117 Resp: 350401
Ion Ratio Lower Upper
117 100
82 73.1 42.7 64.1#
119 31.7 25.7 38.5



#65
Chlorobenzene
Concen: 10.30 ug/l
RT: 11.447 min Scan# 1579
Delta R.T. -0.073 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion:112 Resp: 71997
Ion Ratio Lower Upper
112 100
114 6.8 25.9 38.9#

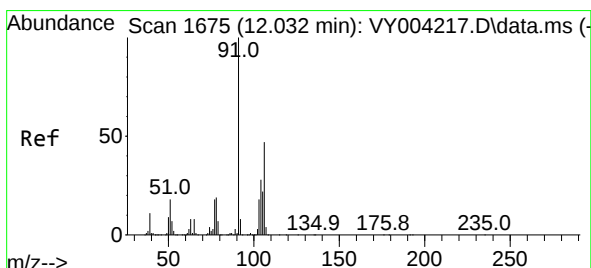
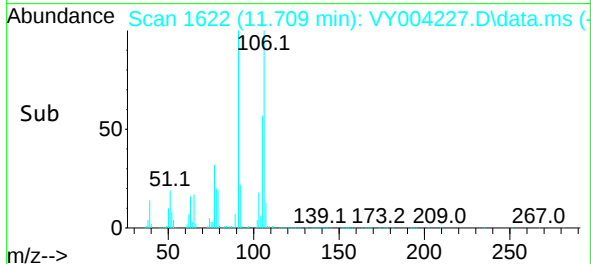
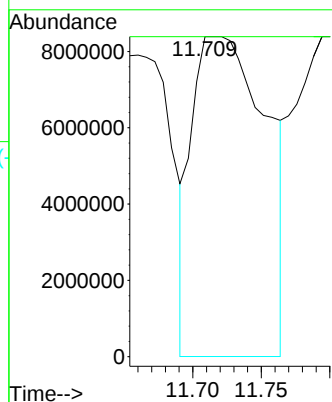
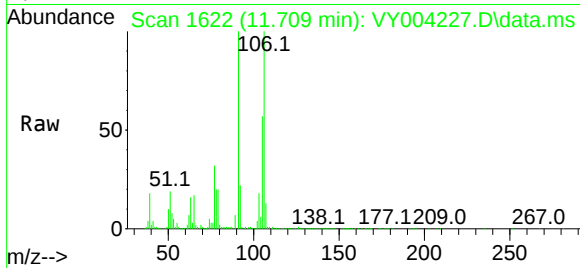




#68
m/p-Xylenes
Concen: 6466.24 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

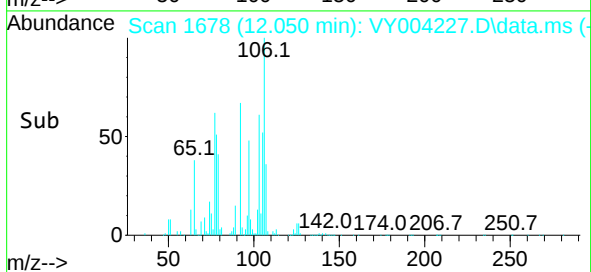
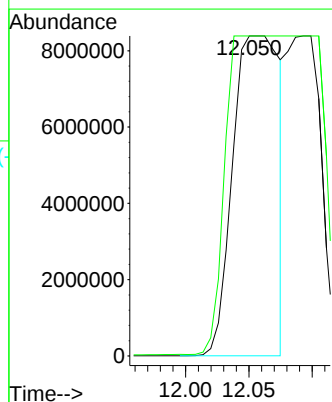
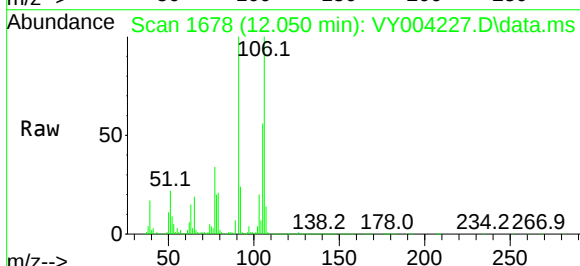
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

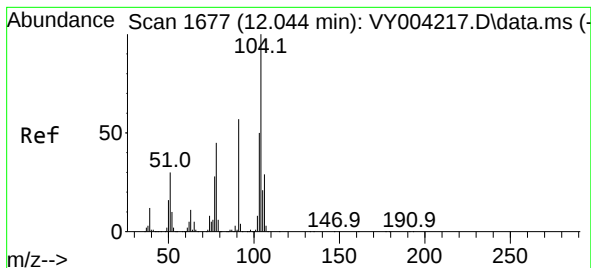
Tgt Ion:106 Resp:31507533
Ion Ratio Lower Upper
106 100
91 0.0 159.8 239.6#



#69
o-Xylene
Concen: 4684.31 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.018 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion:106 Resp:21356556
Ion Ratio Lower Upper
106 100
91 0.0 105.6 316.8#





#70

Styrene

Concen: 202.69 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.012 min

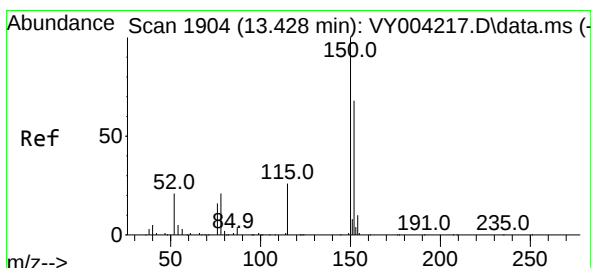
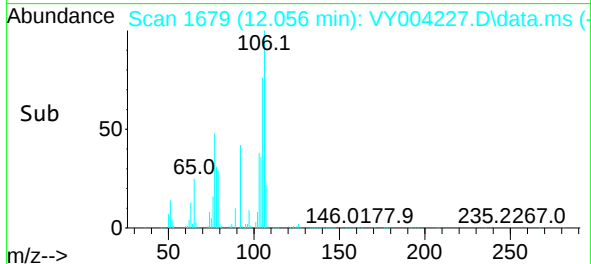
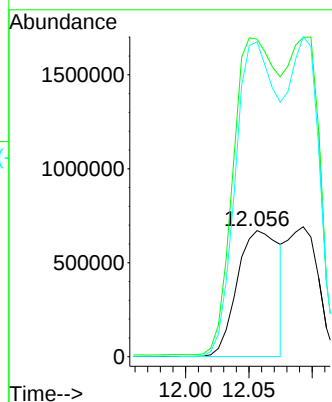
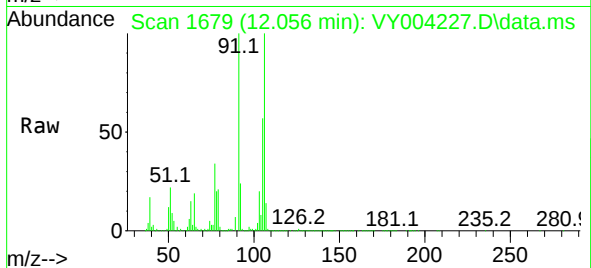
Lab File: VY004227.D

Acq: 30 Mar 2021 12:09

Tgt Ion:104 Resp: 1537462

Ion	Ratio	Lower	Upper
104	100		
78	271.3	39.8	59.8#
103	249.8	43.3	64.9#

Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.434 min Scan# 1905

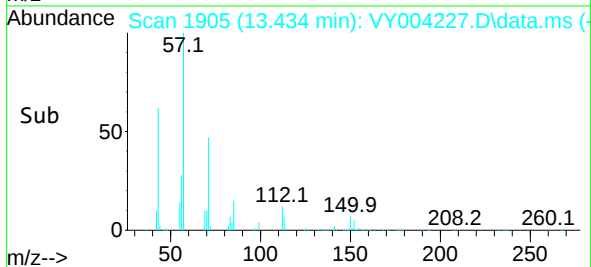
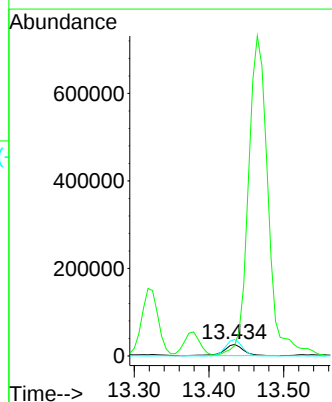
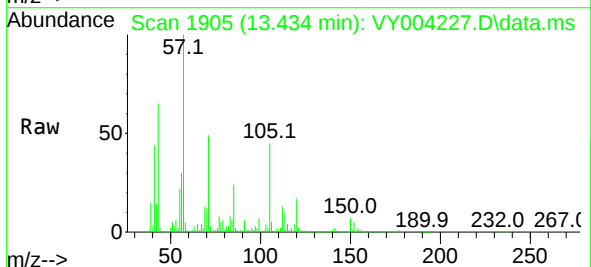
Delta R.T. 0.006 min

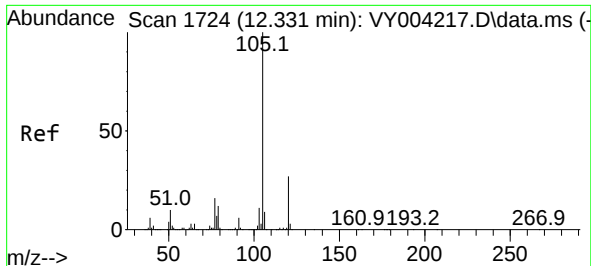
Lab File: VY004227.D

Acq: 30 Mar 2021 12:09

Tgt Ion:152 Resp: 45382

Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.0	87.1#
150	128.3	0.0	347.4

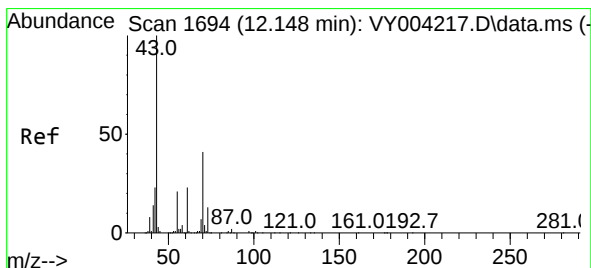
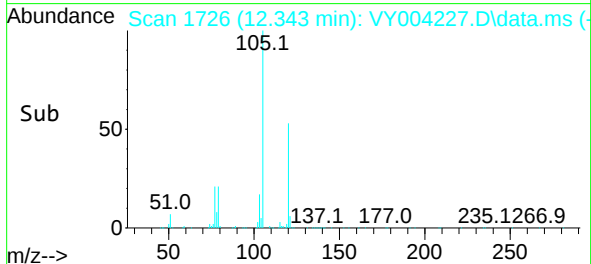
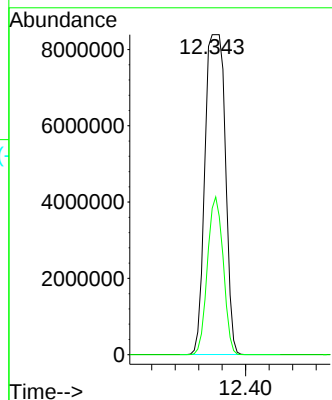
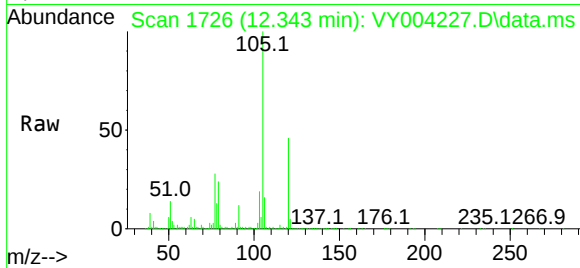




#73
Isopropylbenzene
Concen: 6075.49 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.012 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

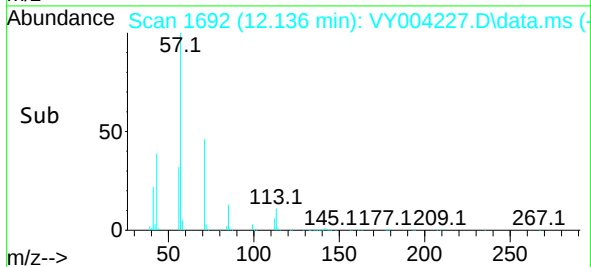
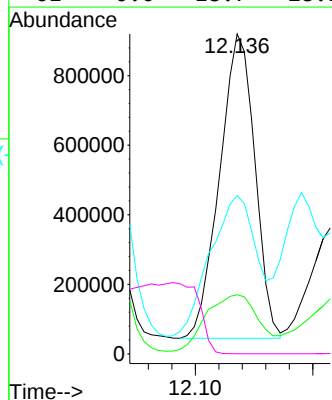
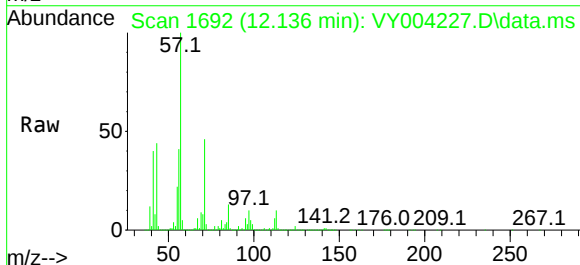
Instrument :
MSVOA_Y
ClientSampled :
B4-8-10

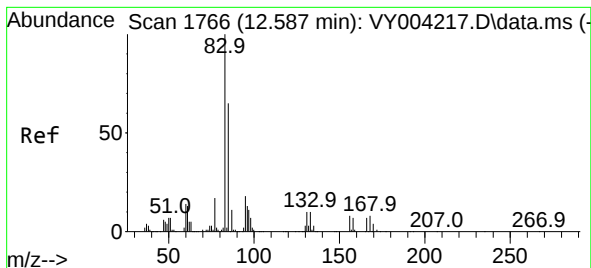
Tgt Ion:105 Resp:20143128
Ion Ratio Lower Upper
105 100
120 38.3 13.7 41.0



#74
N-ethyl acetate
Concen: 1878.63 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.012 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 43 Resp: 1820372
Ion Ratio Lower Upper
43 100
70 27.9 32.6 49.0#
55 60.1 18.0 27.0#
61 0.0 18.7 28.1#

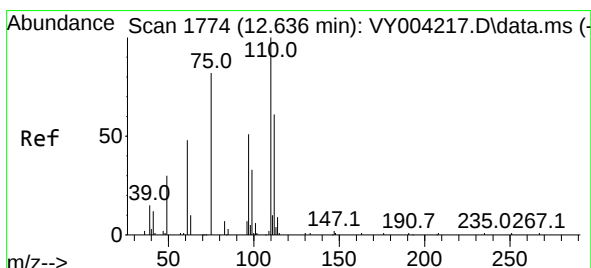
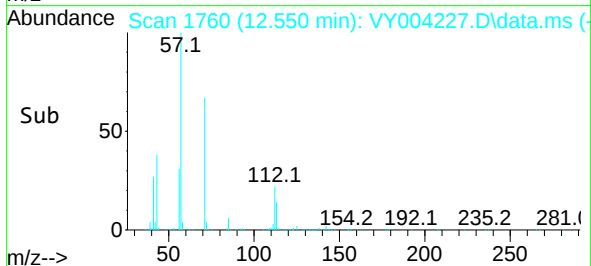
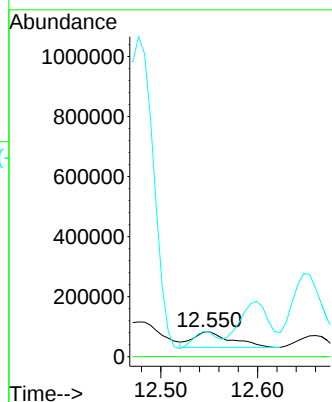
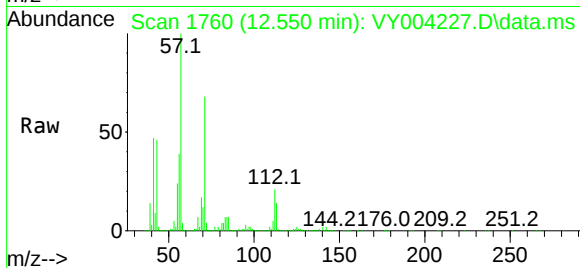




#75
1,1,2,2-Tetrachloroethane
Concen: 231.99 ug/l
RT: 12.550 min Scan# 1760
Delta R.T. -0.037 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

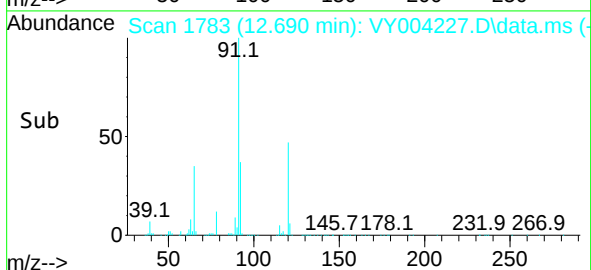
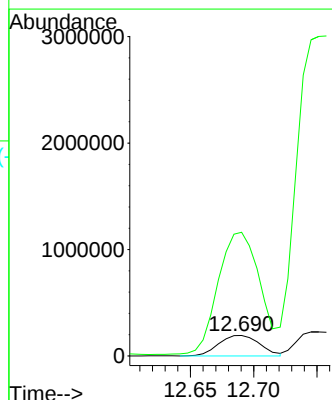
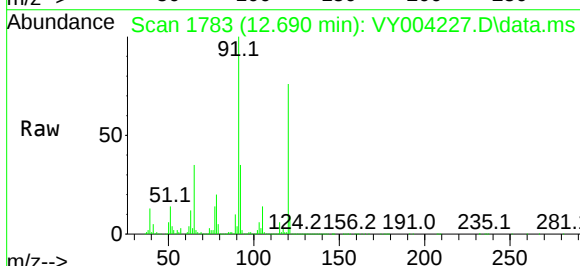
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

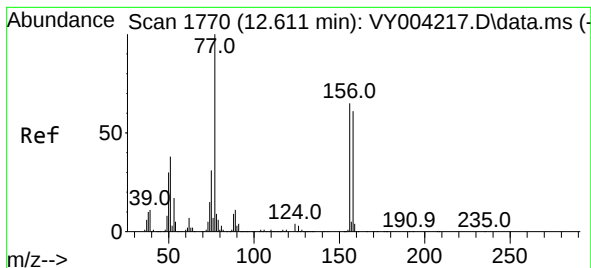
Tgt Ion: 83 Resp: 142370
Ion Ratio Lower Upper
83 100
131 0.1 5.6 16.8#
85 69.5 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 1050.16 ug/l
RT: 12.690 min Scan# 1783
Delta R.T. 0.055 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 75 Resp: 432764
Ion Ratio Lower Upper
75 100
77 599.0 0.0 0.0#

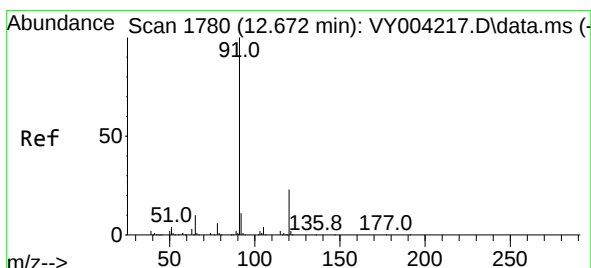
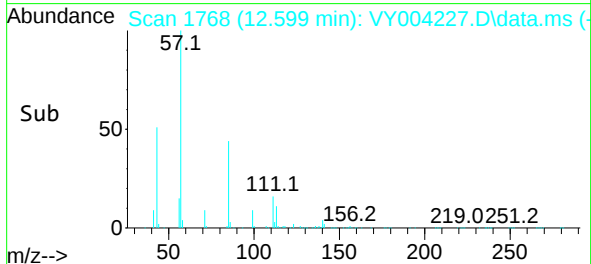
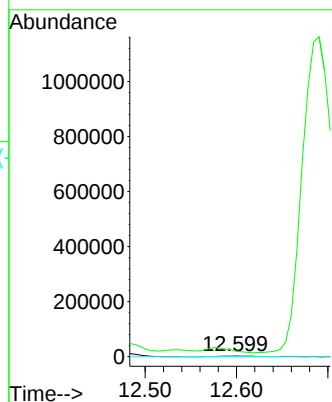
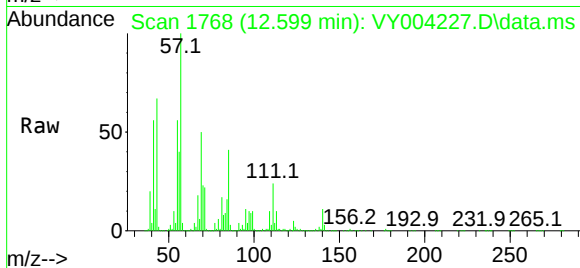




#77
Bromobenzene
Concen: 7.51 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. -0.012 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

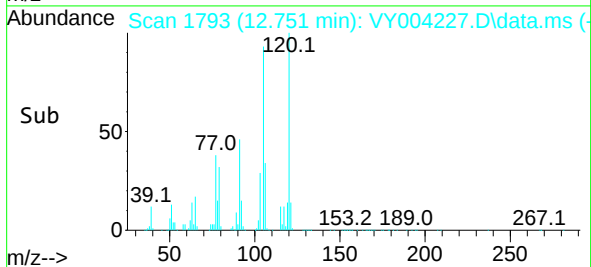
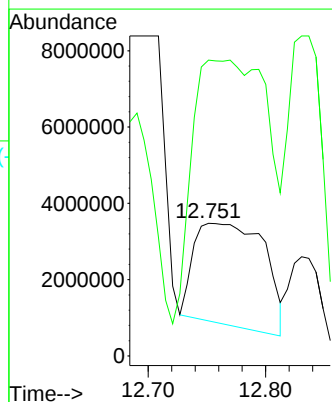
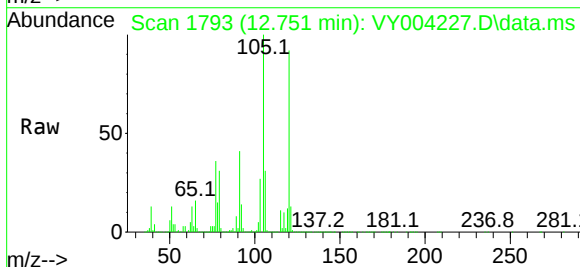
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

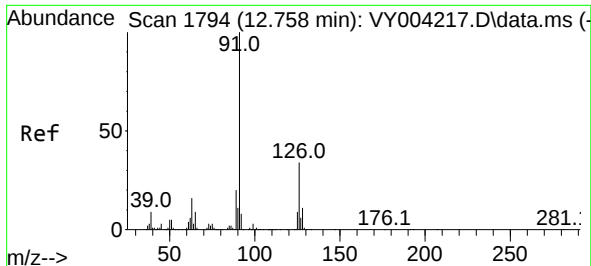
Tgt Ion:156 Resp: 5829
Ion Ratio Lower Upper
156 100
77 0.0 88.6 265.9#
158 0.0 48.3 144.9#



#78
n-propylbenzene
Concen: 2884.14 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.079 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 91 Resp:11063393
Ion Ratio Lower Upper
91 100
120 320.6 11.9 35.5#

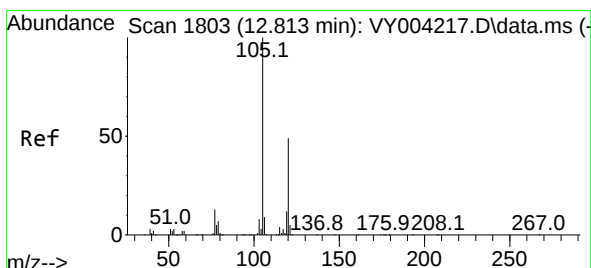
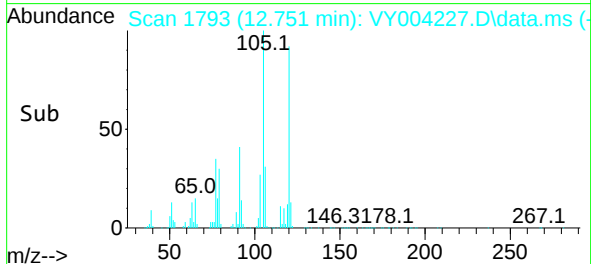
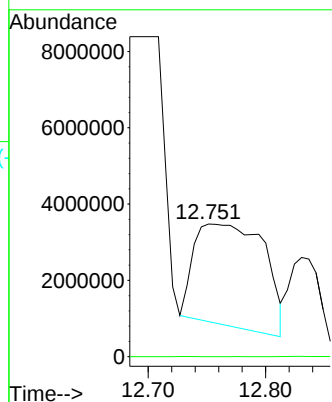
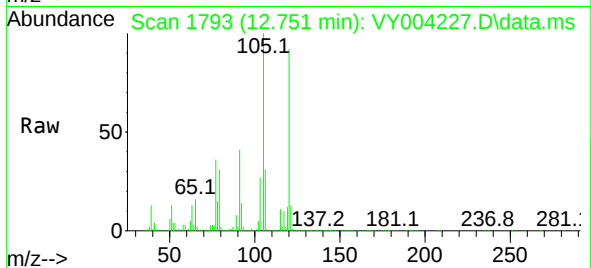




#79
2-Chlorotoluene
Concen: 5249.65 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

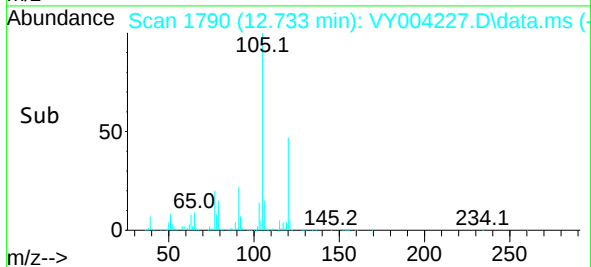
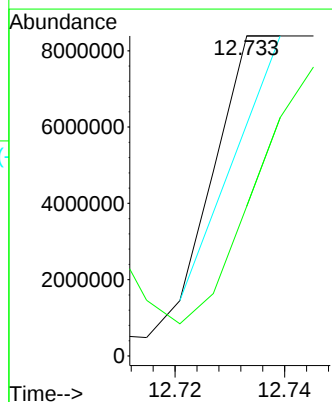
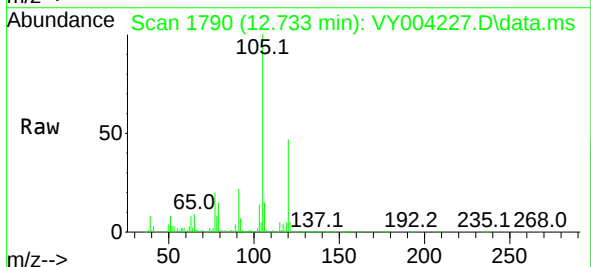
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

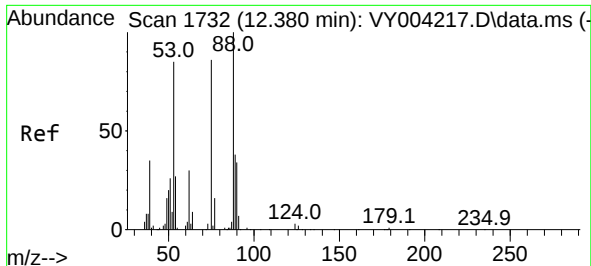
Tgt Ion: 91 Resp:11063393
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.6#



#80
1,3,5-Trimethylbenzene
Concen: 1058.15 ug/l
RT: 12.733 min Scan# 1790
Delta R.T. -0.079 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion:105 Resp: 2861944
Ion Ratio Lower Upper
105 100
120 0.0 24.9 74.7#

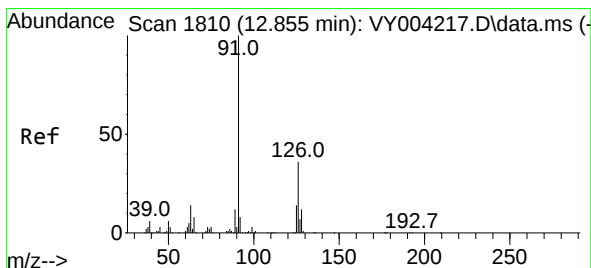
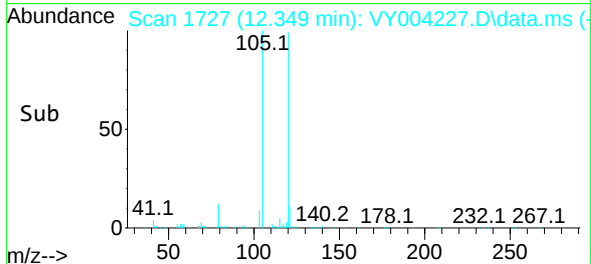
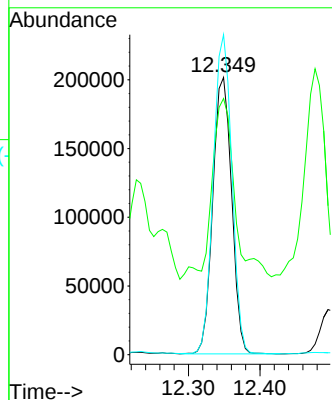
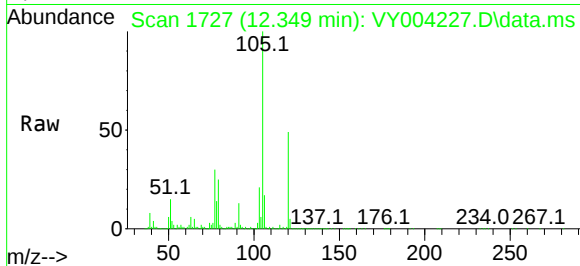




#81
trans-1,4-Dichloro-2-butene
Concen: 1646.08 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. -0.031 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

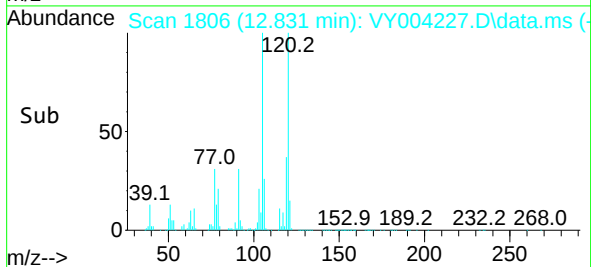
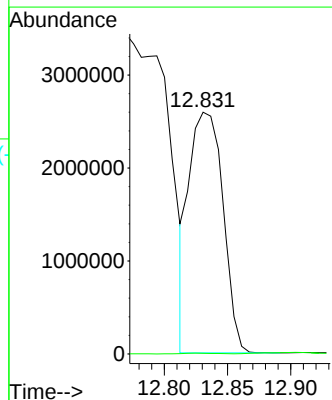
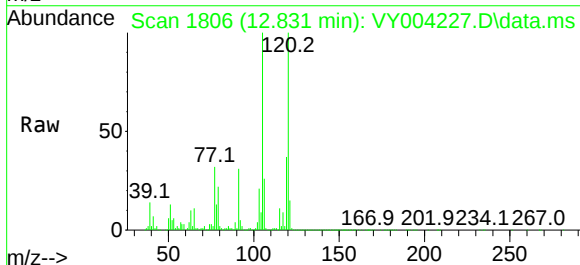
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

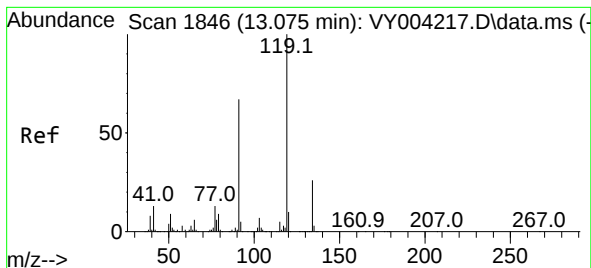
Tgt Ion: 75 Resp: 368057
Ion Ratio Lower Upper
75 100
53 84.2 79.3 118.9
89 113.8 39.4 59.2#



#82
4-Chlorotoluene
Concen: 2171.89 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. -0.025 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 91 Resp: 4817605
Ion Ratio Lower Upper
91 100
126 0.3 17.8 53.4#

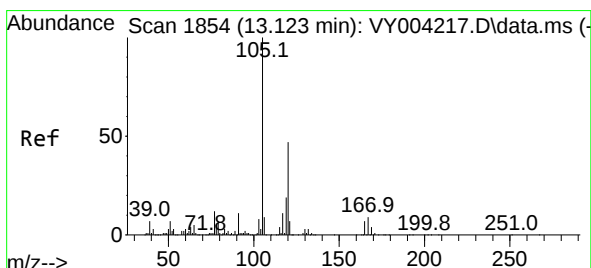
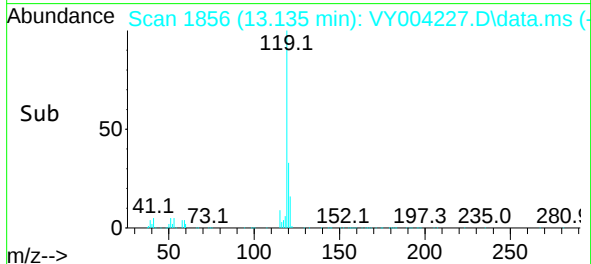
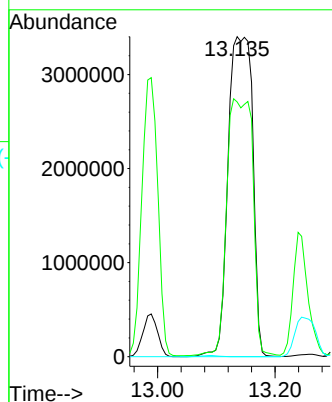
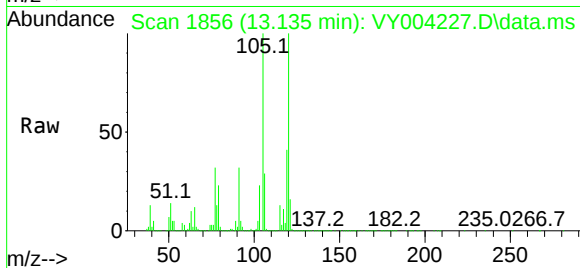




#83
tert-Butylbenzene
Concen: 4215.52 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.061 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

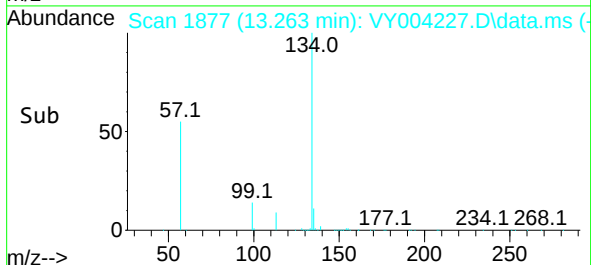
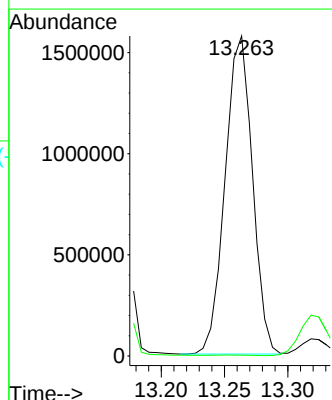
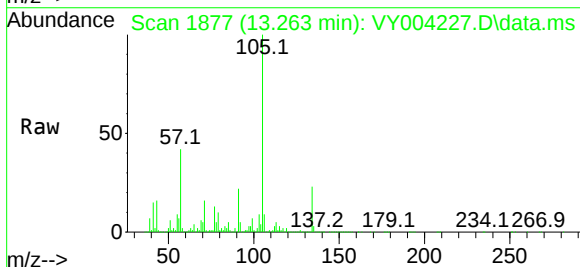
Instrument :
MSVOA_Y
ClientSampleId :
B4-8-10

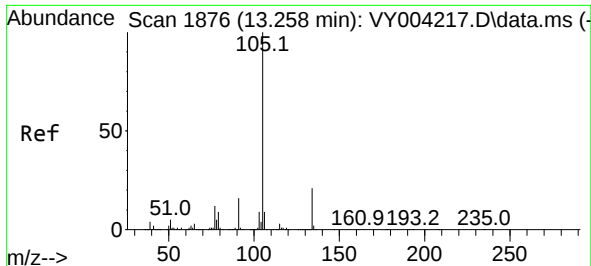
Tgt Ion:119 Resp: 9852005
Ion Ratio Lower Upper
119 100
91 84.7 33.1 99.2
134 0.0 13.6 40.8#



#84
1,2,4-Trimethylbenzene
Concen: 870.57 ug/l
RT: 13.263 min Scan# 1877
Delta R.T. 0.140 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion:105 Resp: 2361751
Ion Ratio Lower Upper
105 100
120 0.0 22.9 68.7#

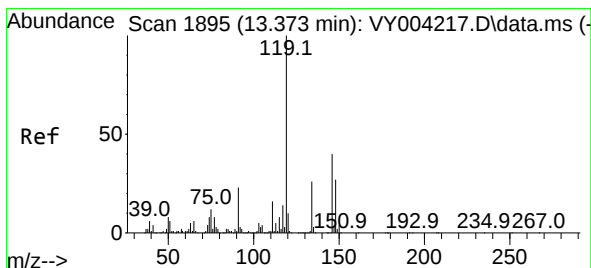
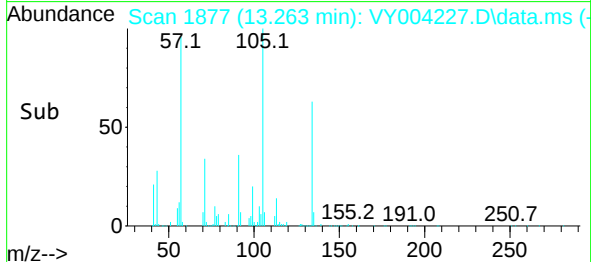
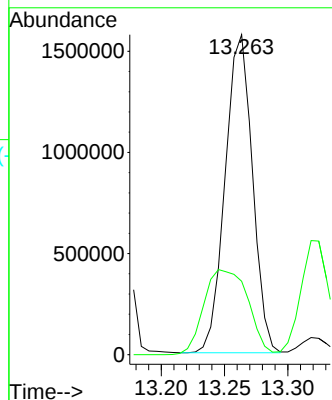
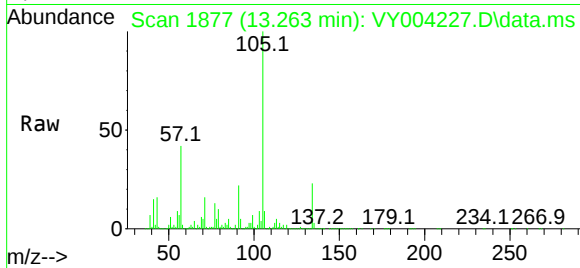




#85
 sec-Butylbenzene
 Concen: 734.08 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY004227.D
 Acq: 30 Mar 2021 12:09

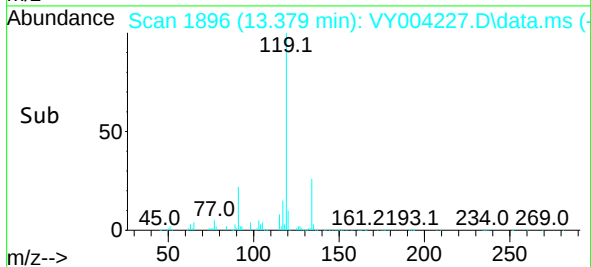
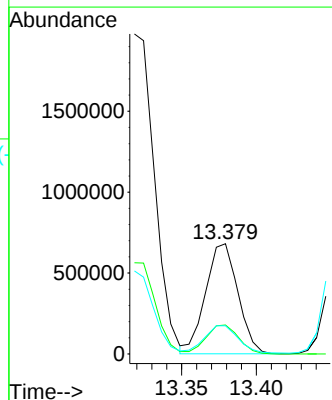
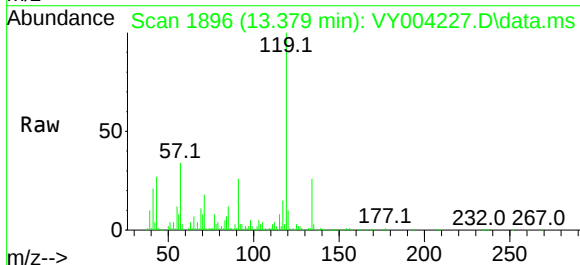
Instrument :
 MSVOA_Y
 ClientSampleId :
 B4-8-10

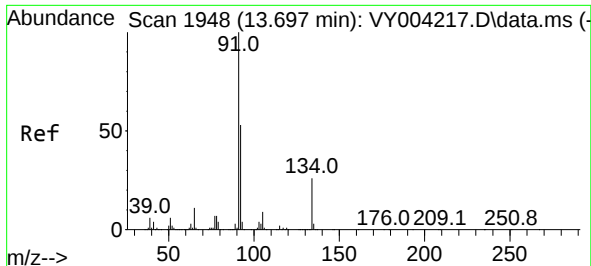
Tgt Ion:105 Resp: 2361751
 Ion Ratio Lower Upper
 105 100
 134 43.0 10.4 31.4#



#86
 p-Isopropyltoluene
 Concen: 342.09 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY004227.D
 Acq: 30 Mar 2021 12:09

Tgt Ion:119 Resp: 1023863
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.9
 91 25.9 12.0 36.0

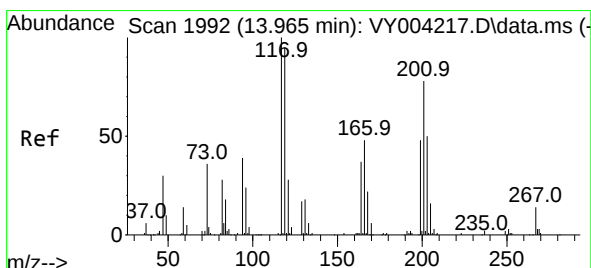
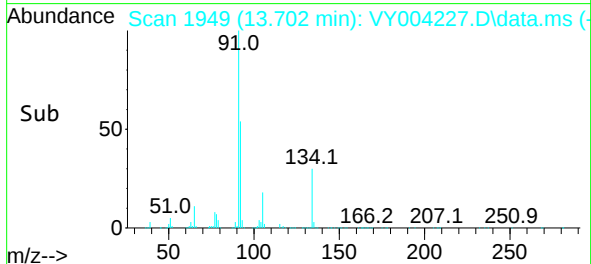
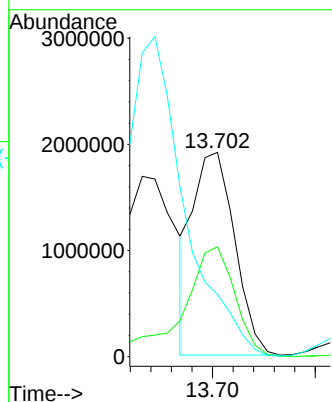
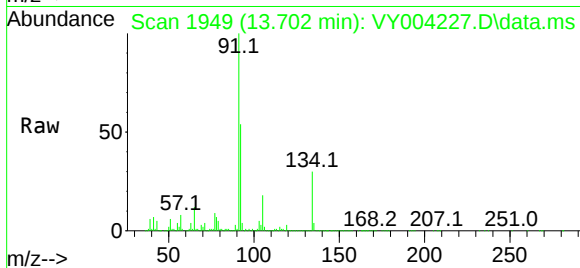




#89
n-Butylbenzene
Concen: 980.80 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

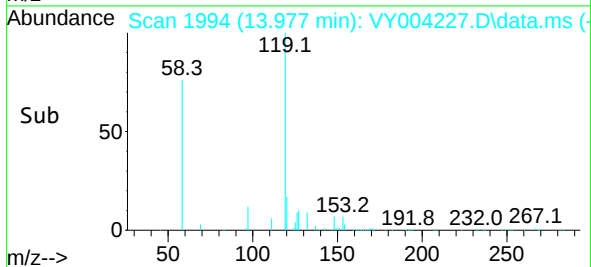
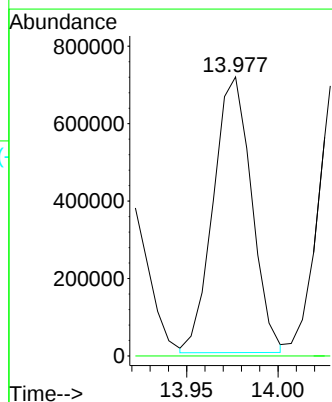
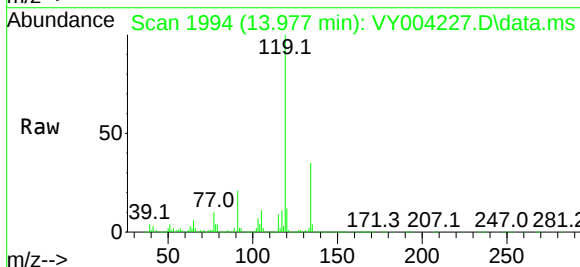
Instrument :
MSVOA_Y
ClientSampled :
B4-8-10

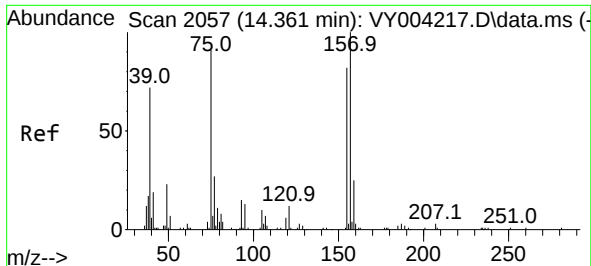
Tgt Ion: 91 Resp: 2699425
Ion Ratio Lower Upper
91 100
92 67.0 26.5 79.4
134 0.0 13.6 40.7#



#90
Hexachloroethane
Concen: 3347.52 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 117 Resp: 1038735
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

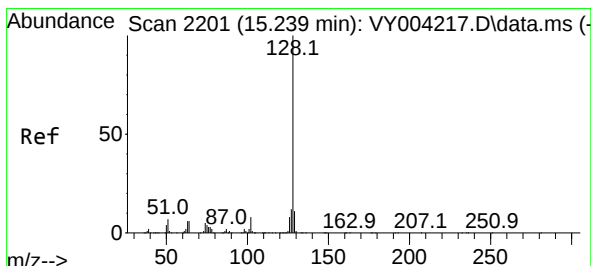
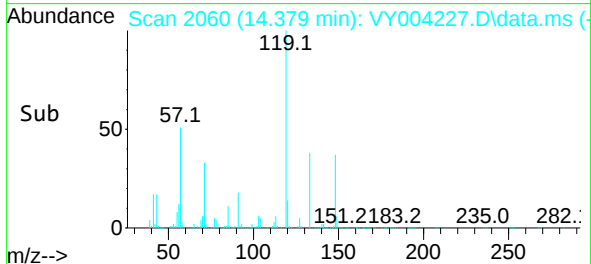
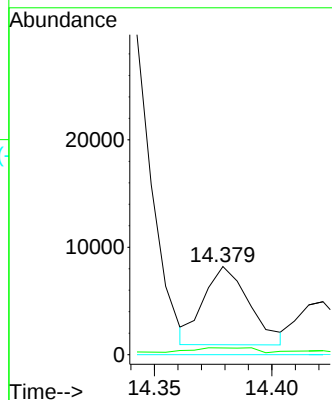
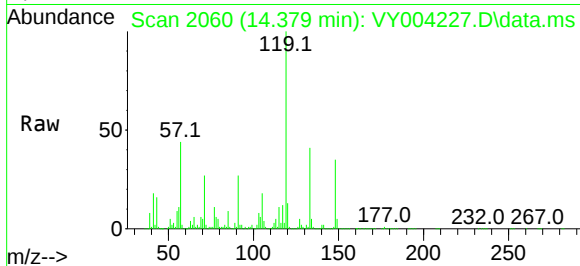




#92
1,2-Dibromo-3-Chloropropane
Concen: 86.04 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.018 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Instrument :
MSVOA_Y
ClientSampled :
B4-8-10

Tgt Ion: 75 Resp: 9852
Ion Ratio Lower Upper
75 100
155 7.6 46.3 138.8#
157 0.0 58.3 174.9#



#95
Naphthalene
Concen: 2817.82 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004227.D
Acq: 30 Mar 2021 12:09

Tgt Ion: 128 Resp: 5522527
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 11.3 8.9 13.3

