

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
 Data File : VY004229.D
 Acq On : 30 Mar 2021 12:55
 Operator : SY/MD
 Sample : M1836-11
 Misc : 12.76g/5mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B5-8-10

Quant Time: Mar 31 01:44:37 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	7.801	168	287147	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	516342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	460725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	221274	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	168280	60.96	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.92%	
35) Dibromofluoromethane	7.728	113	46586	16.19	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 32.38%#	
50) Toluene-d8	10.185	98	768986	71.07	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 142.14%#	
62) 4-Bromofluorobenzene	12.483	95	246033	66.34	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 132.68%	

Target Compounds						Qvalue
3) Chloromethane	2.083	50	33412	9.95	ug/l	# 69
4) Vinyl Chloride	2.265	62	13818	3.69	ug/l	# 47
8) Diethyl Ether	3.534	74	1820	1.17	ug/l	89
11) Tert butyl alcohol	4.972	59	2191775	9757.60	ug/l	97
13) Acrolein	3.698	56	1220634	7428.69	ug/l	# 1
14) Allyl chloride	4.594	41	1074810	259.73	ug/l	# 55
15) Acrylonitrile	5.253	53	625697	842.62	ug/l	# 40
16) Acetone	3.948	43	2190590	3809.09	ug/l	# 55
17) Carbon Disulfide	4.204	76	17265	2.53	ug/l	96
18) Methyl Acetate	4.576	43	458452	249.06	ug/l	# 52
19) Methyl tert-butyl Ether	5.234	73	6856396	893.62	ug/l	# 1
20) Methylene Chloride	4.594	84	266363	96.88	ug/l	# 16
22) Diisopropyl ether	6.137	45	65179	7.17	ug/l	# 80
23) Vinyl Acetate	6.051	43	329967	53.97	ug/l	# 74
24) 1,1-Dichloroethane	6.051	63	33858	6.84	ug/l	# 82
25) 2-Butanone	6.996	43	391205	407.20	ug/l	# 53
26) 2,2-Dichloropropane	6.880	77	7778	1.68	ug/l	# 53
28) Bromochloromethane	7.539	49	58900	29.26	ug/l	# 13
29) Tetrahydrofuran	7.368	42	25033	36.98	ug/l	# 33
30) Chloroform	7.539	83	212751	40.38	ug/l	# 77
31) Cyclohexane	7.795	56	8339465	1709.46	ug/l	89
36) 1,1-Dichloropropene	8.179	75	1085001	230.19	ug/l	# 1
37) Ethyl Acetate	6.996	43	391205	141.48	ug/l	# 73
38) Carbon Tetrachloride	7.801	117	29638	7.23	ug/l	# 16
39) Methylcyclohexane	9.191	83	7044428	1207.06	ug/l	93
41) Methacrylonitrile	7.368	41	162690	106.19	ug/l	# 42
42) 1,2-Dichloroethane	8.179	62	558130	132.92	ug/l	83
43) Isopropyl Acetate	8.283	43	1181381	225.66	ug/l	# 54
45) 1,2-Dichloropropane	9.252	63	18865	5.71	ug/l	# 1
47) Bromodichloromethane	9.490	83	321447	69.39	ug/l	# 26
48) Methyl methacrylate	9.331	41	1419148	596.82	ug/l	# 29
49) 1,4-Dioxane	9.307	88	4787	Below	Cal	# 29
51) 4-Methyl-2-Pentanone	10.124	43	1728040	647.83	ug/l	# 83
52) Toluene	10.252	92	11123451	1294.92	ug/l	84
53) t-1,3-Dichloropropene	10.252	75	146963	29.75	ug/l	# 1
55) 1,1,2-Trichloroethane	10.624	97	909538	341.97	ug/l	# 25

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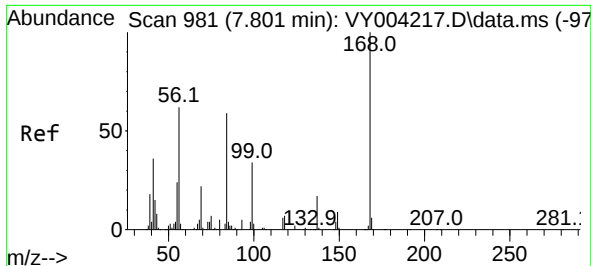
Quant Time: Mar 31 01:44:37 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	10.526	69	131200	35.95	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.770	63	94700	60.65	ug/l #	45
59) 2-Hexanone	10.807	43	629077	343.04	ug/l #	31
61) 1,2-Dibromoethane	11.075	107	3205	1.22	ug/l #	1
65) Chlorobenzene	11.642	112	9415	1.02	ug/l #	42
68) m/p-Xylenes	11.709	106	19067564	2976.16	ug/l #	1
69) o-Xylene	12.038	106	8432282	1406.64	ug/l	82
70) Styrene	12.038	104	440439	44.16	ug/l #	1
73) Isopropylbenzene	12.337	105	4675516	289.23	ug/l	100
74) N-amyl acetate	12.123	43	283220	59.95	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.575	83	12927	4.32	ug/l #	1
76) 1,2,3-Trichloropropane	12.672	75	89017	44.30	ug/l #	100
77) Bromobenzene	12.471	156	28719	7.59	ug/l #	1
78) n-propylbenzene	12.678	91	12122817	648.16	ug/l	94
79) 2-Chlorotoluene	12.770	91	656307	63.87	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.818	105	4819137	365.43	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.331	75	55558	50.96	ug/l #	68
82) 4-Chlorotoluene	12.818	91	541499	50.07	ug/l #	41
83) tert-Butylbenzene	13.123	119	1839747	161.45	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.123	105	12896248	974.95	ug/l	91
85) sec-Butylbenzene	13.257	105	836159	53.30	ug/l #	52
86) p-Isopropyltoluene	13.318	119	342127	23.44	ug/l	97
89) n-Butylbenzene	13.696	91	1668866	124.36	ug/l #	73
90) Hexachloroethane	13.977	117	508580	342.70	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.379	75	4248	7.61	ug/l #	4
95) Naphthalene	15.239	128	3706464	387.87	ug/l	99

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

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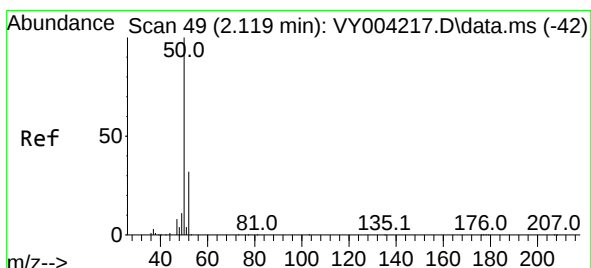
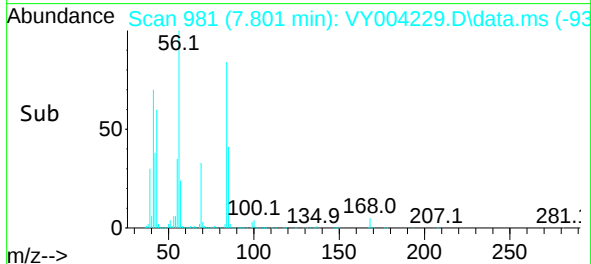
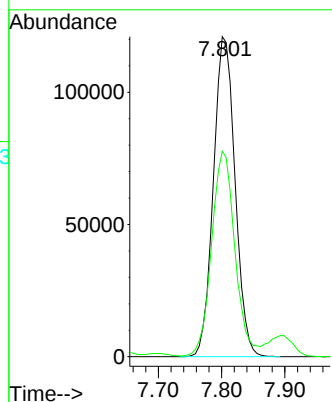
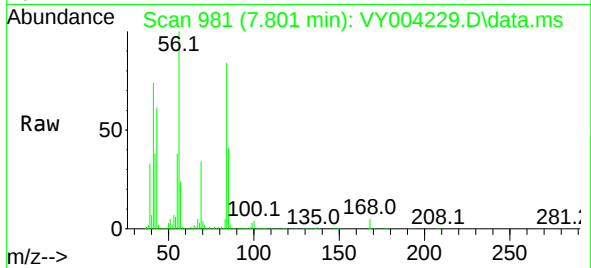




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004229.D
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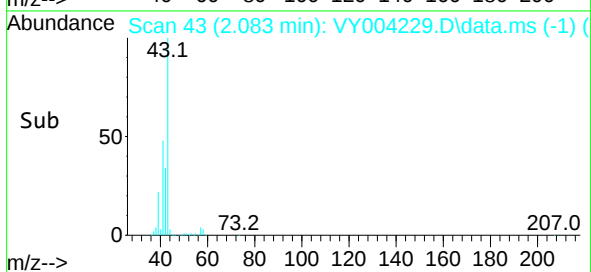
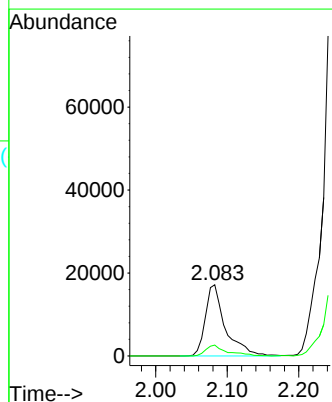
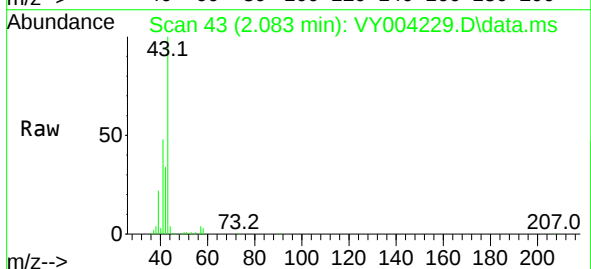
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

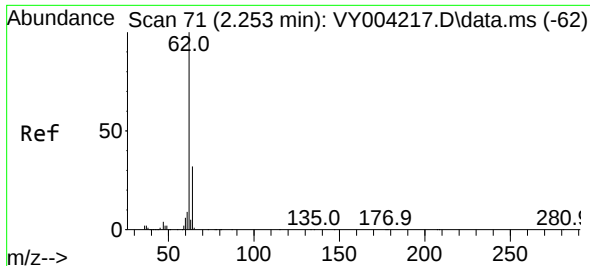
Tgt Ion:168 Resp: 287147
Ion Ratio Lower Upper
168 100
99 64.0 42.6 64.0#



#3
Chloromethane
Concen: 9.95 ug/l
RT: 2.083 min Scan# 43
Delta R.T. -0.037 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 50 Resp: 33412
Ion Ratio Lower Upper
50 100
52 15.2 25.9 38.9#

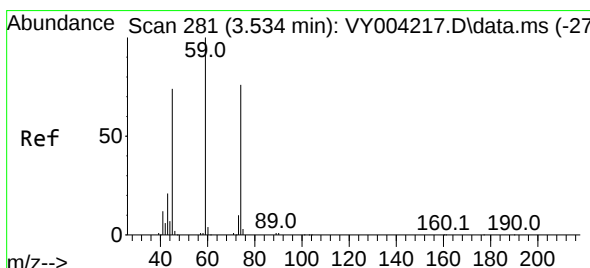
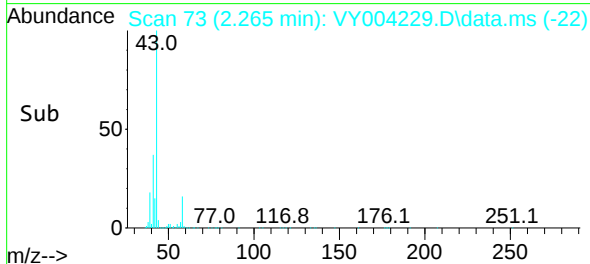
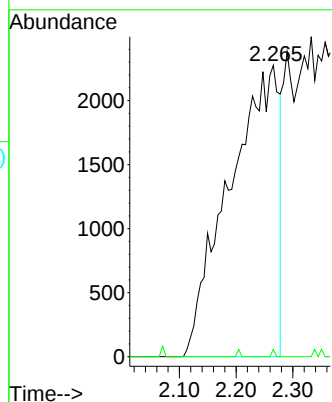
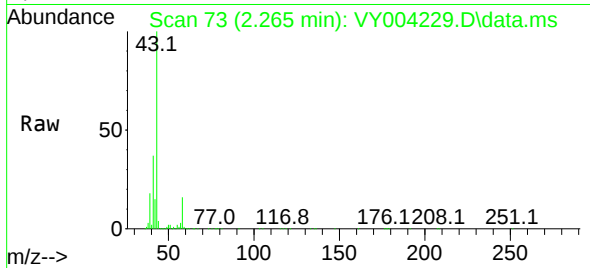




#4
 Vinyl Chloride
 Concen: 3.69 ug/l
 RT: 2.265 min Scan# 73
 Delta R.T. 0.012 min
 Lab File: VY004229.D
 Acq: 30 Mar 2021 12:55

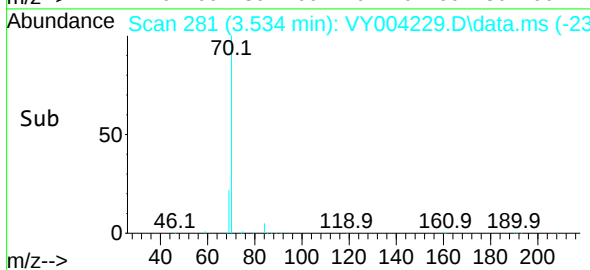
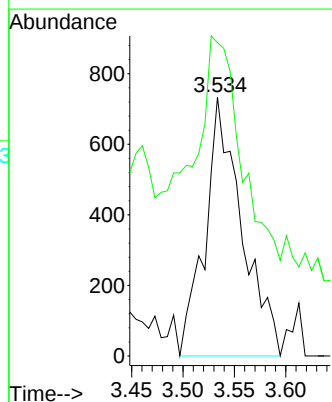
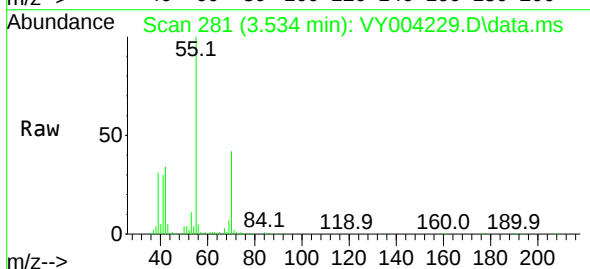
Instrument :
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 ClientSampled :
 B5-8-10

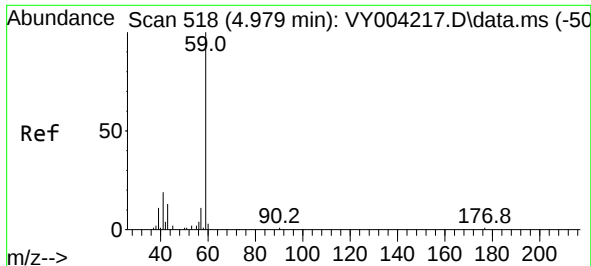
Tgt Ion: 62 Resp: 13818
 Ion Ratio Lower Upper
 62 100
 64 2.5 26.0 39.0#



#8
 Diethyl Ether
 Concen: 1.17 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.000 min
 Lab File: VY004229.D
 Acq: 30 Mar 2021 12:55

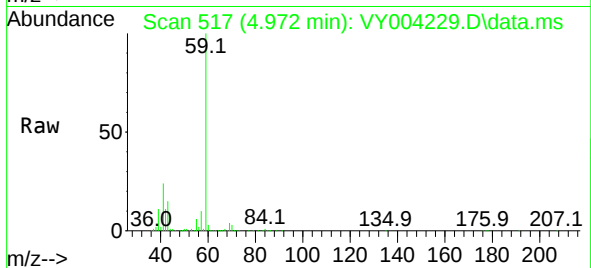
Tgt Ion: 74 Resp: 1820
 Ion Ratio Lower Upper
 74 100
 45 85.7 48.1 144.3



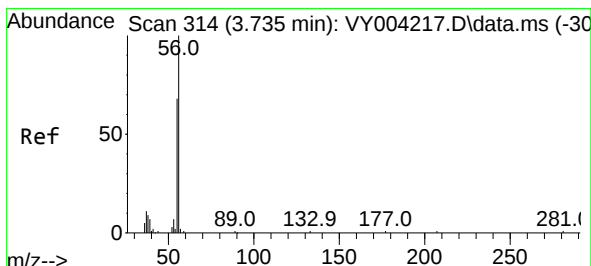
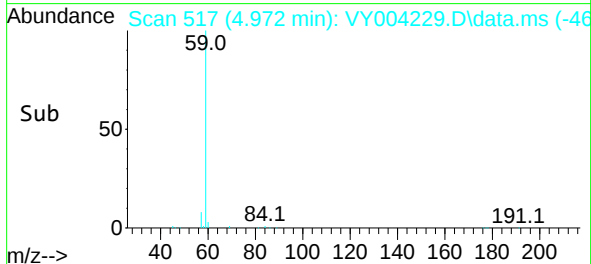
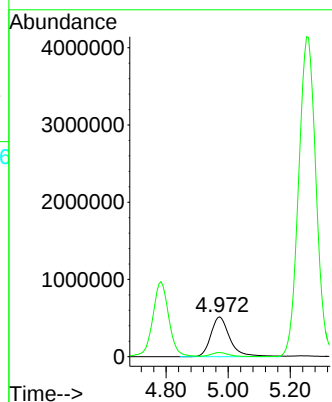


#11
Tert butyl alcohol
Concen: 9757.60 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Instrument :
MSVOA_Y
ClientSampled :
B5-8-10

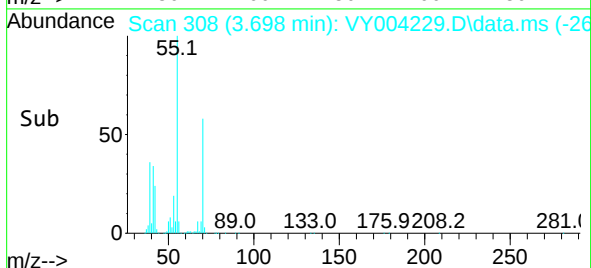
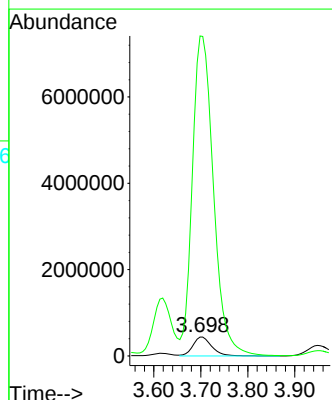
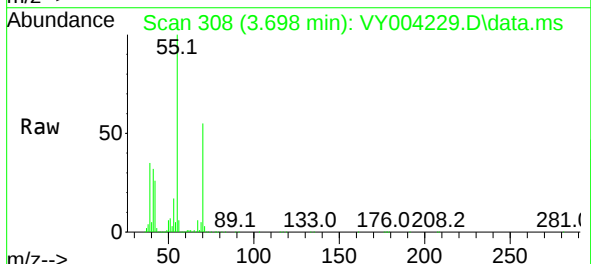


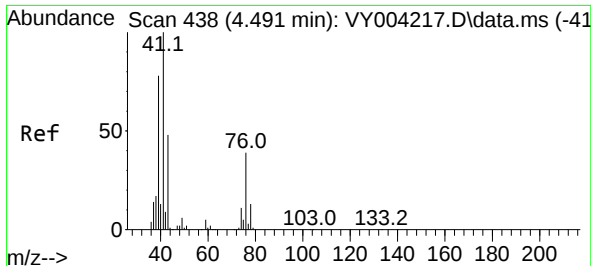
Tgt Ion: 59 Resp: 2191775
Ion Ratio Lower Upper
59 100
57 9.8 8.9 13.3



#13
Acrolein
Concen: 7428.69 ug/l
RT: 3.698 min Scan# 308
Delta R.T. -0.037 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

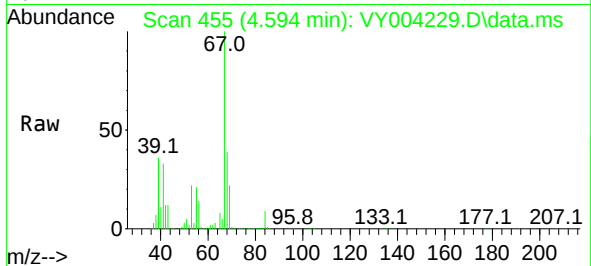
Tgt Ion: 56 Resp: 1220634
Ion Ratio Lower Upper
56 100
55 1896.0 55.0 82.4#



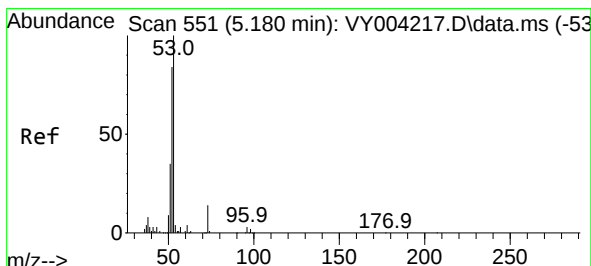
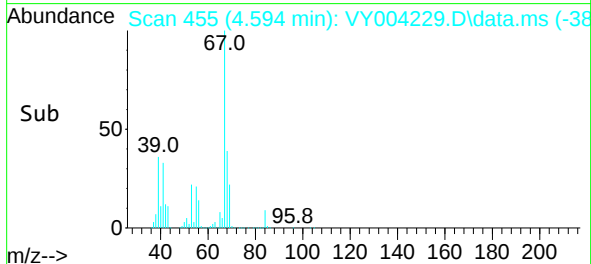
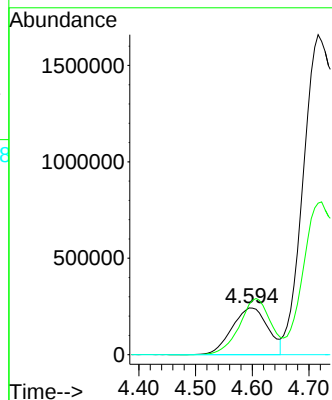


#14
 Allyl chloride
 Concen: 259.73 ug/l
 RT: 4.594 min Scan# 455
 Delta R.T. 0.103 min
 Lab File: VY004229.D
 Acq: 30 Mar 2021 12:55

Instrument :
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 ClientSampleId :
 B5-8-10

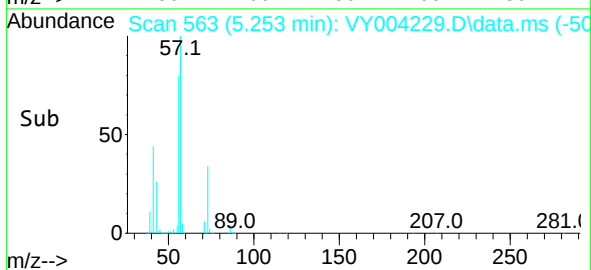
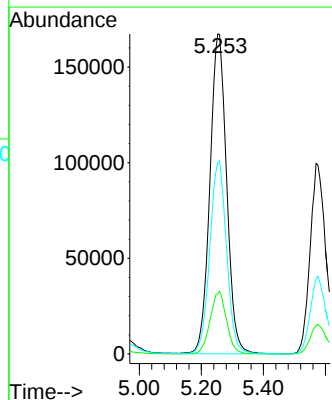
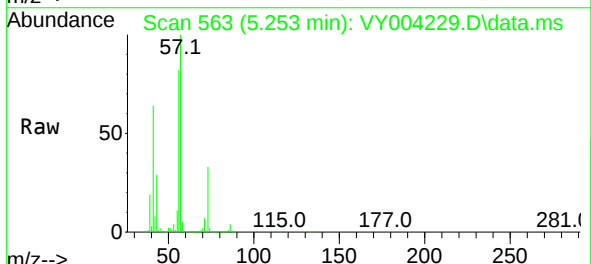


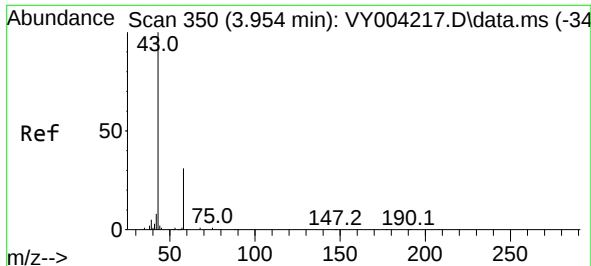
Tgt Ion: 41 Resp: 1074810
 Ion Ratio Lower Upper
 41 100
 39 105.4 60.2 90.4#
 76 0.0 30.3 45.5#



#15
 Acrylonitrile
 Concen: 842.62 ug/l
 RT: 5.253 min Scan# 563
 Delta R.T. 0.073 min
 Lab File: VY004229.D
 Acq: 30 Mar 2021 12:55

Tgt Ion: 53 Resp: 625697
 Ion Ratio Lower Upper
 53 100
 52 19.3 65.3 97.9#
 51 60.4 29.8 44.8#

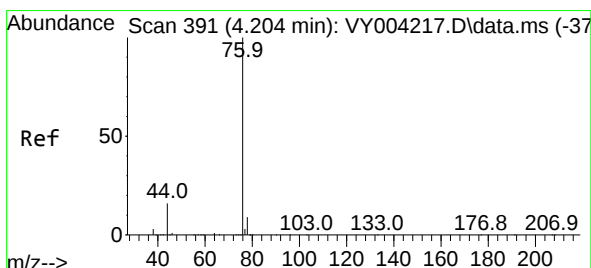
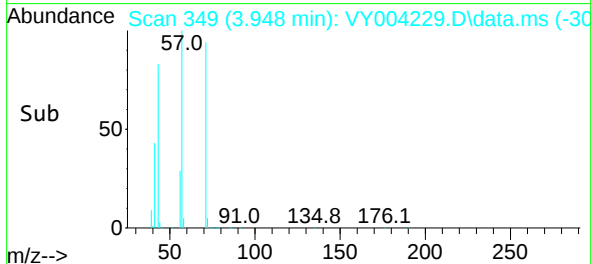
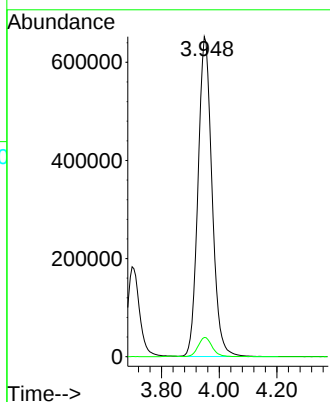
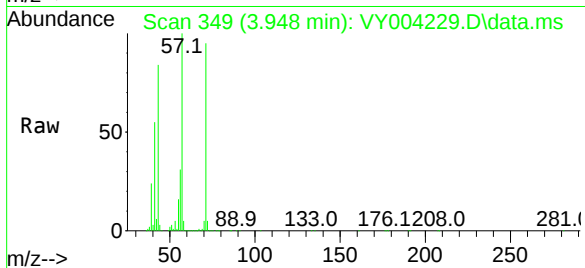




#16
Acetone
Concen: 3809.09 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

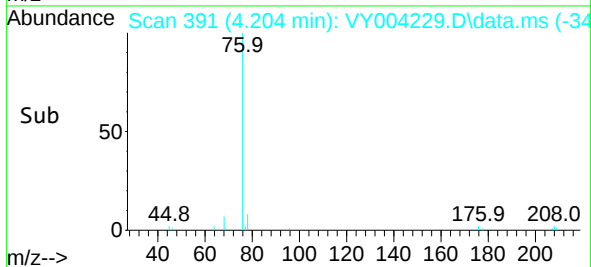
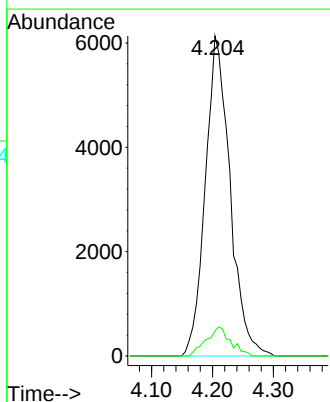
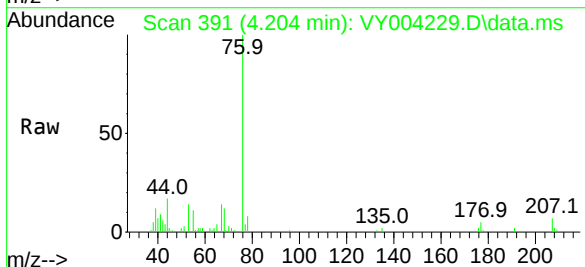
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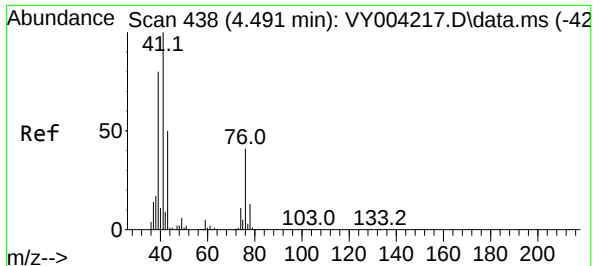
Tgt Ion: 43 Resp: 2190590
Ion Ratio Lower Upper
43 100
58 6.0 24.5 36.7#



#17
Carbon Disulfide
Concen: 2.53 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 76 Resp: 17265
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2

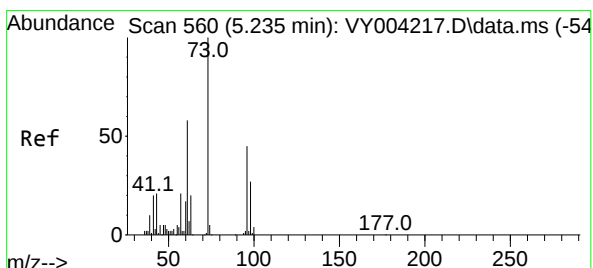
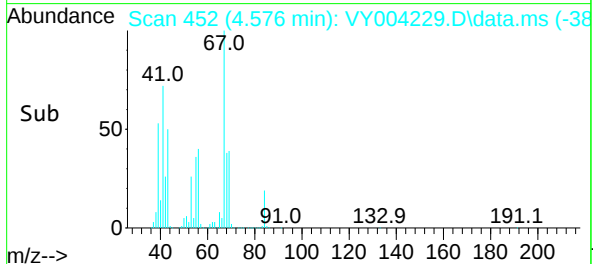
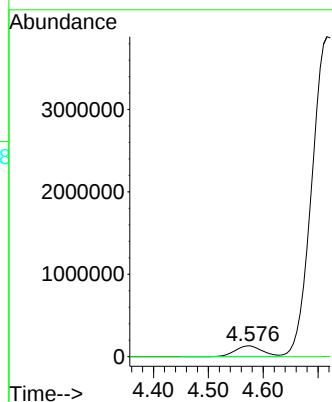
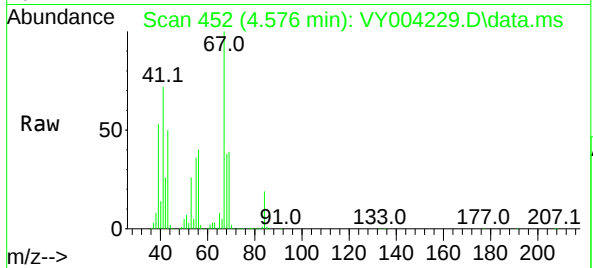




#18
Methyl Acetate
Concen: 249.06 ug/l
RT: 4.576 min Scan# 452
Delta R.T. 0.085 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

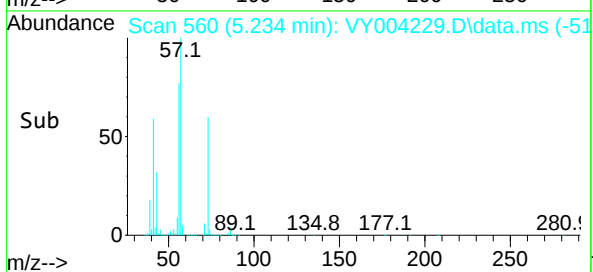
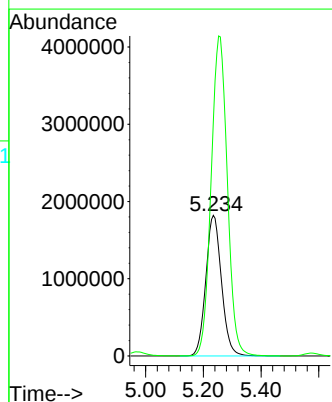
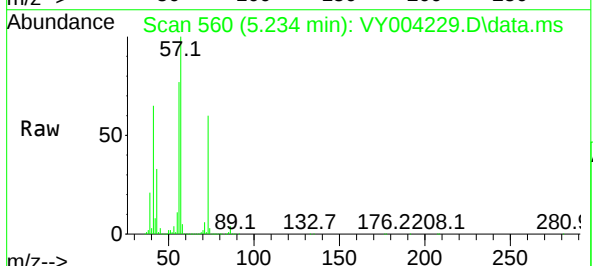
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ClientSampleId :
B5-8-10

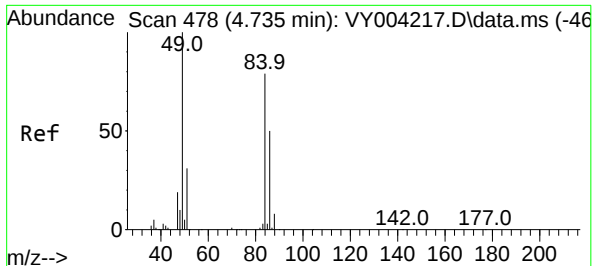
Tgt Ion: 43 Resp: 458452
Ion Ratio Lower Upper
43 100
74 0.3 19.1 28.7#



#19
Methyl tert-butyl Ether
Concen: 893.62 ug/l
RT: 5.234 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

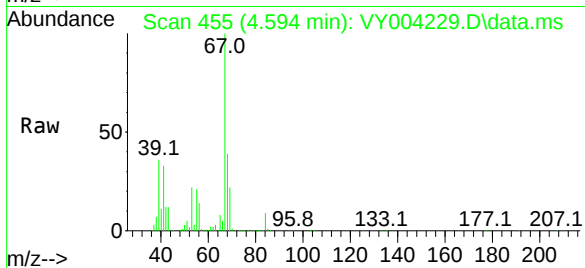
Tgt Ion: 73 Resp: 6856396
Ion Ratio Lower Upper
73 100
57 166.4 17.0 25.4#



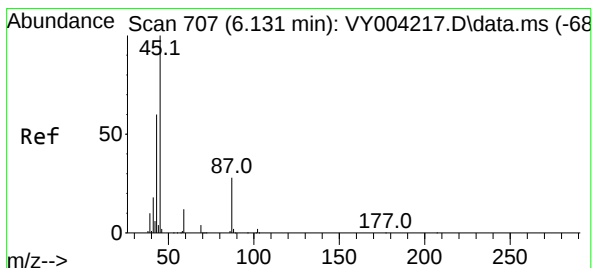
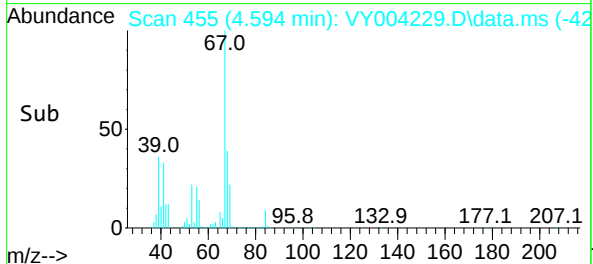
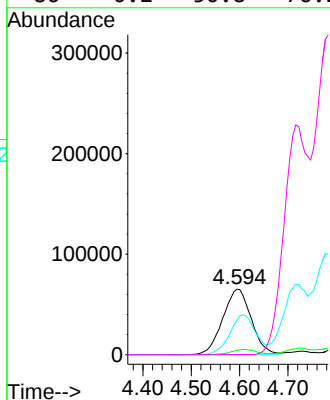


#20
Methylene Chloride
Concen: 96.88 ug/l
RT: 4.594 min Scan# 455
Delta R.T. -0.141 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

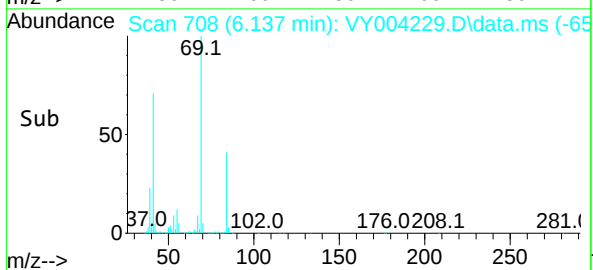
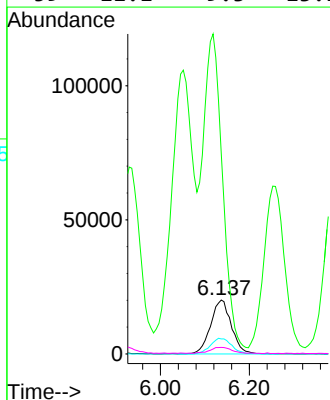
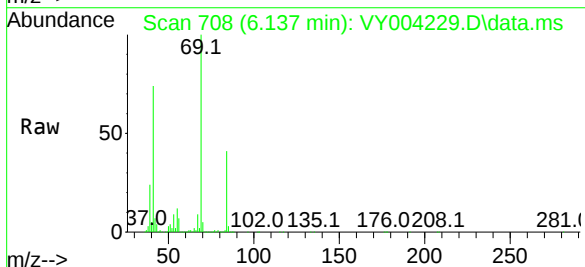


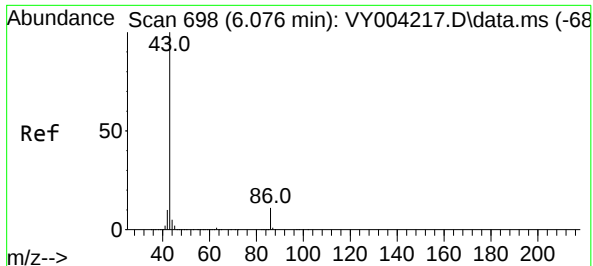
Tgt Ion: 84 Resp: 266363
Ion Ratio Lower Upper
84 100
49 6.7 101.5 152.3#
51 52.2 31.5 47.3#
86 0.2 50.8 76.2#



#22
Diisopropyl ether
Concen: 7.17 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 45 Resp: 65179
Ion Ratio Lower Upper
45 100
43 83.9 47.7 71.5#
87 27.9 22.7 34.1
59 11.1 9.3 13.9

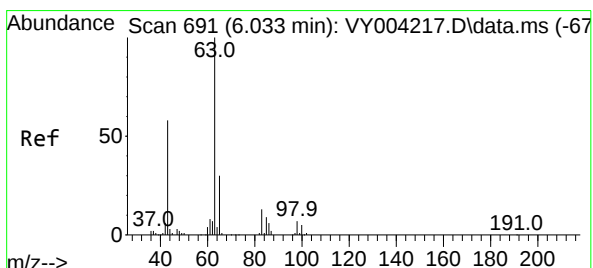
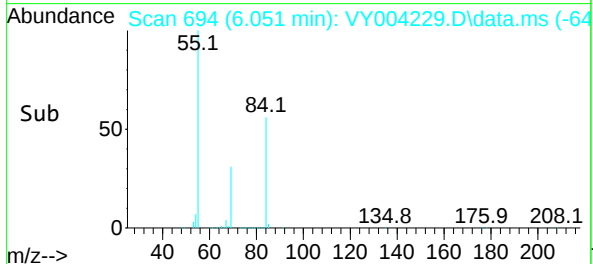
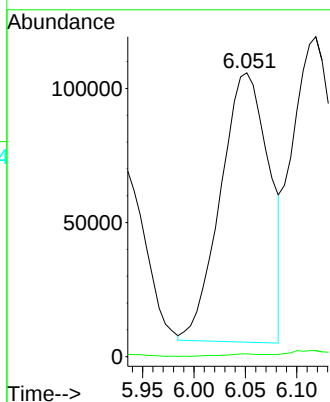
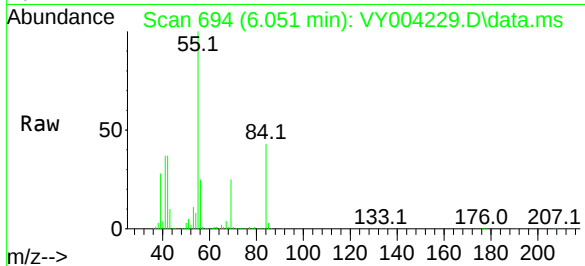




#23
 Vinyl Acetate
 Concen: 53.97 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.025 min
 Lab File: VY004229.D
 Acq: 30 Mar 2021 12:55

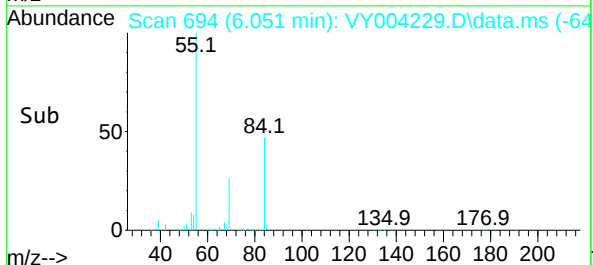
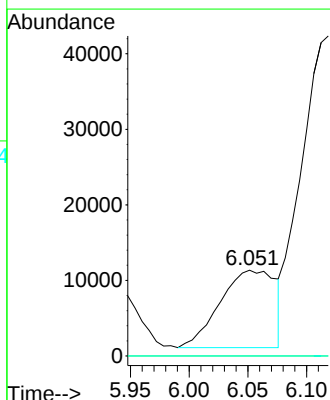
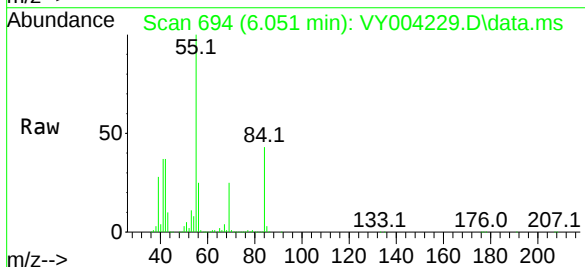
Instrument :
 MSVOA_Y
 ClientSampled :
 B5-8-10

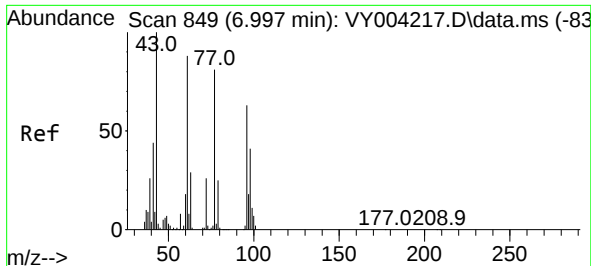
Tgt Ion: 43 Resp: 329967
 Ion Ratio Lower Upper
 43 100
 86 1.0 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 6.84 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY004229.D
 Acq: 30 Mar 2021 12:55

Tgt Ion: 63 Resp: 33858
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.9#





#25

2-Butanone

Concen: 407.20 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY004229.D

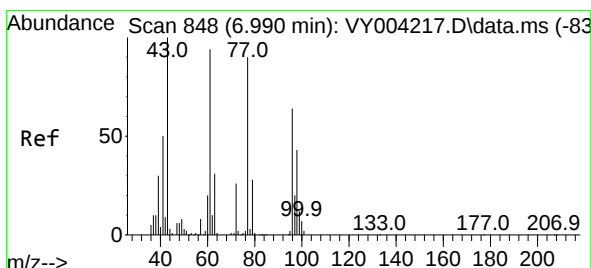
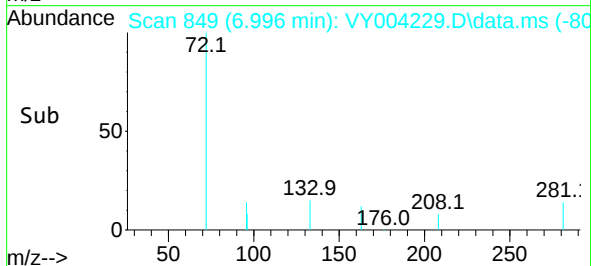
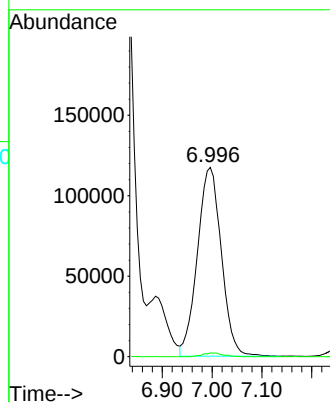
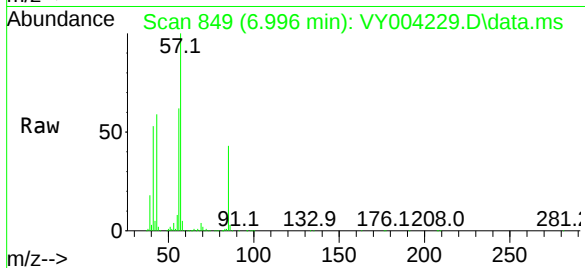
Acq: 30 Mar 2021 12:55

Tgt Ion: 43 Resp: 391205

Ion Ratio Lower Upper

43 100

72 2.0 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 1.68 ug/l

RT: 6.880 min Scan# 830

Delta R.T. -0.110 min

Lab File: VY004229.D

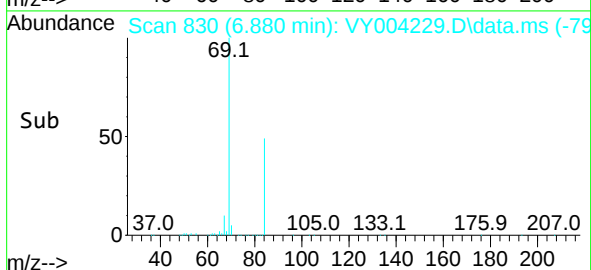
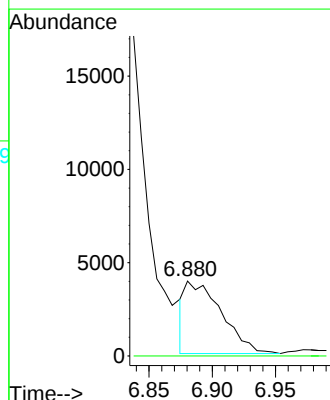
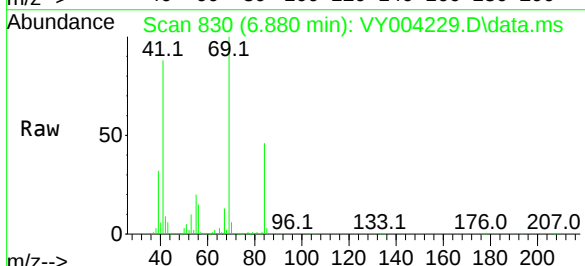
Acq: 30 Mar 2021 12:55

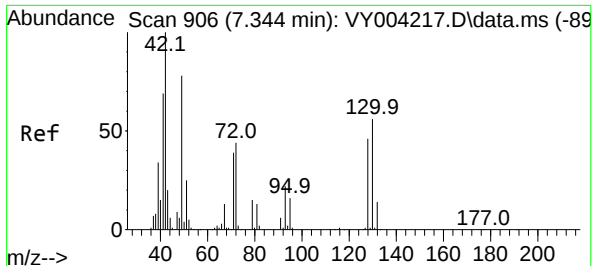
Tgt Ion: 77 Resp: 7778

Ion Ratio Lower Upper

77 100

97 0.0 11.3 33.8#

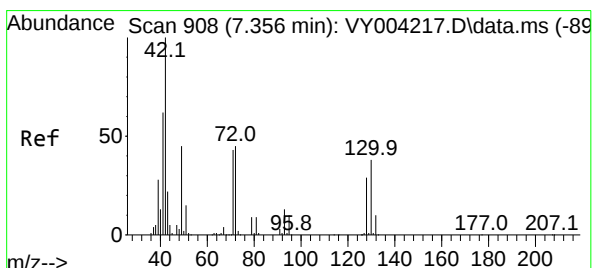
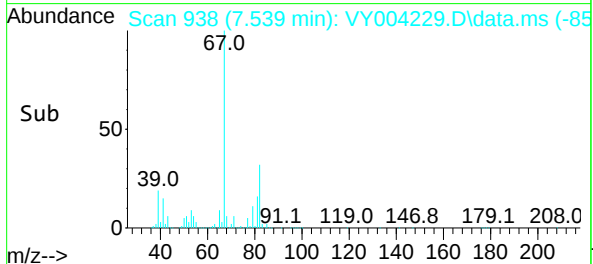
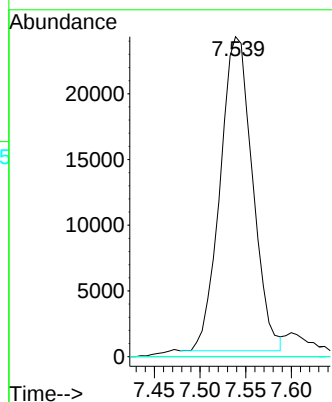
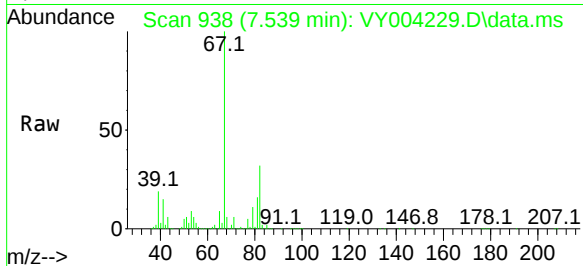




#28
Bromochloromethane
Concen: 29.26 ug/l
RT: 7.539 min Scan# 938
Delta R.T. 0.195 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

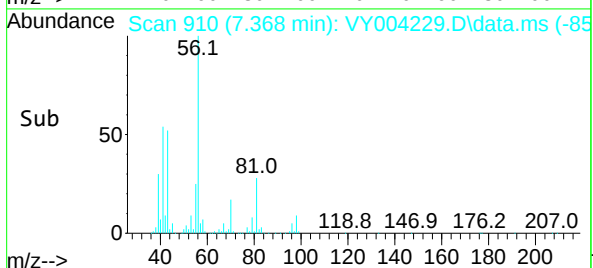
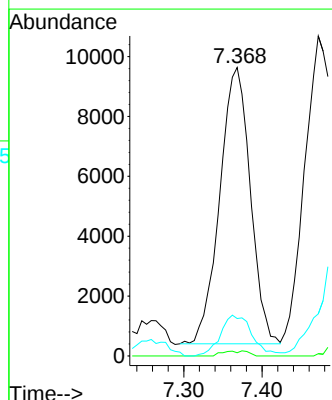
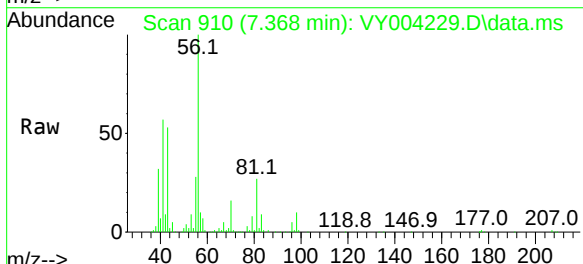
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

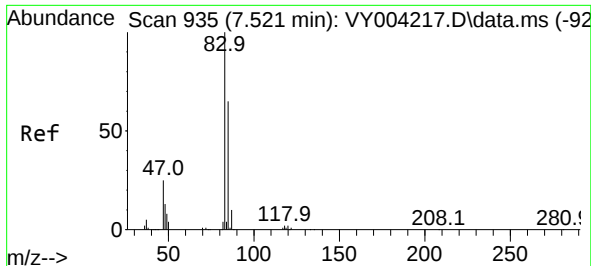
Tgt Ion: 49 Resp: 58900
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.5 93.7#



#29
Tetrahydrofuran
Concen: 36.98 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 42 Resp: 25033
Ion Ratio Lower Upper
42 100
72 0.0 35.1 52.7#
71 0.0 32.9 49.3#

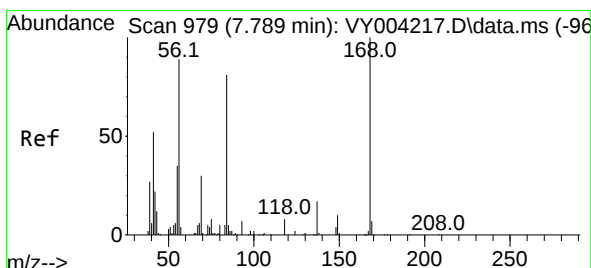
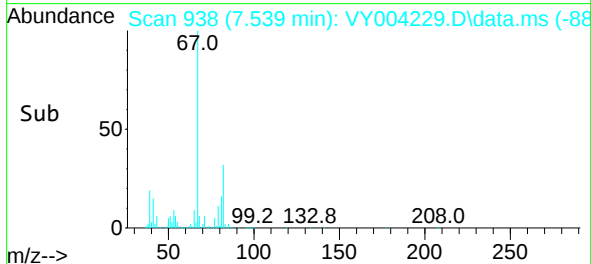
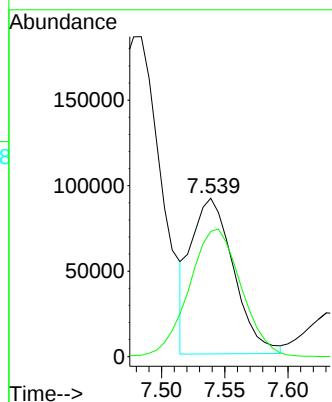
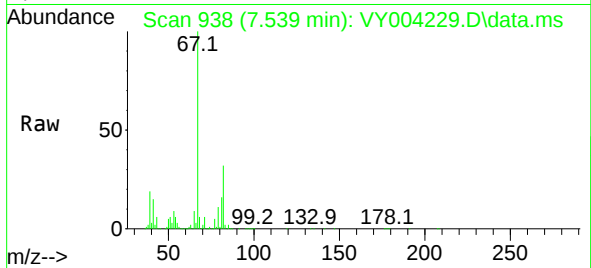




#30
Chloroform
Concen: 40.38 ug/l
RT: 7.539 min Scan# 938
Delta R.T. 0.018 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

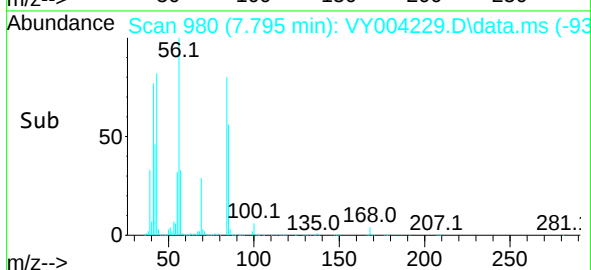
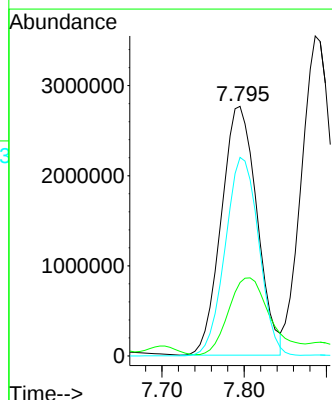
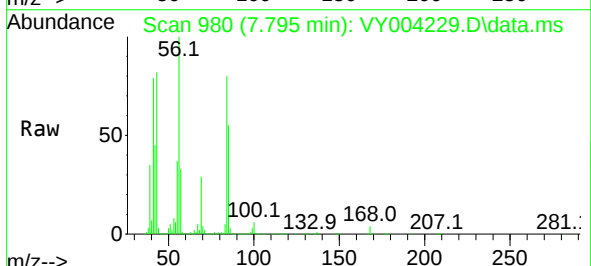
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

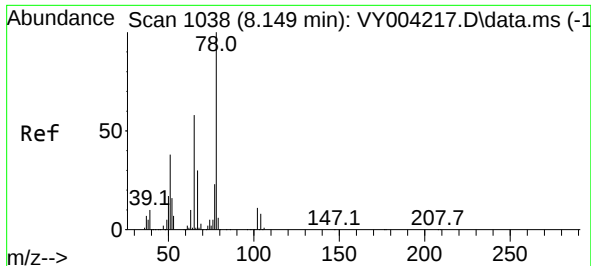
Tgt Ion: 83 Resp: 212751
Ion Ratio Lower Upper
83 100
85 82.3 51.7 77.5#



#31
Cyclohexane
Concen: 1709.46 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 56 Resp: 8339465
Ion Ratio Lower Upper
56 100
69 27.6 26.6 40.0
84 79.8 72.3 108.5

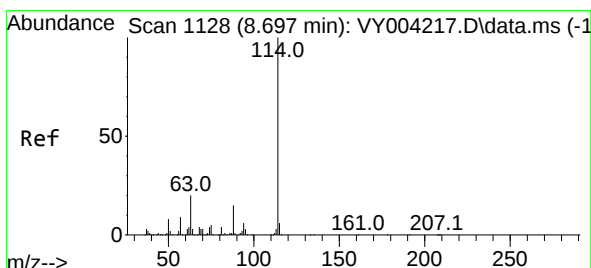
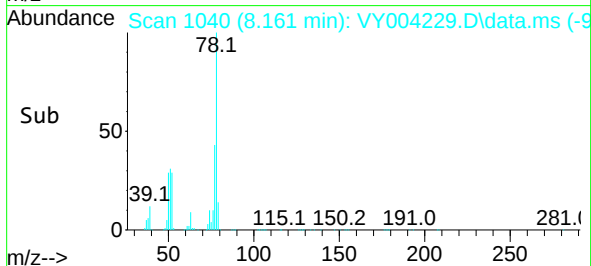
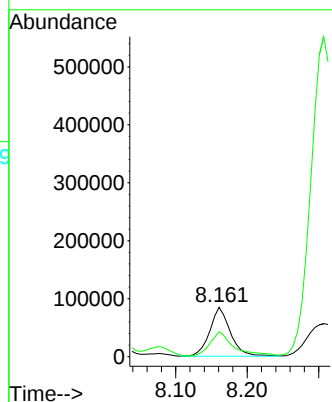
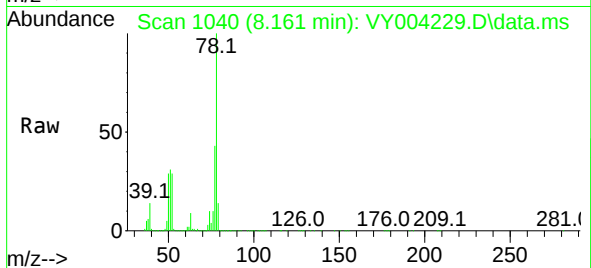




#33
1,2-Dichloroethane-d4
Concen: 60.96 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

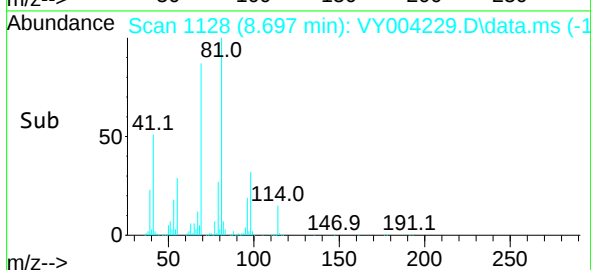
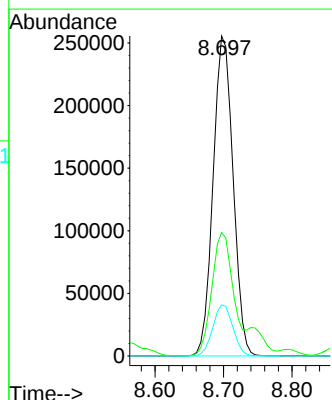
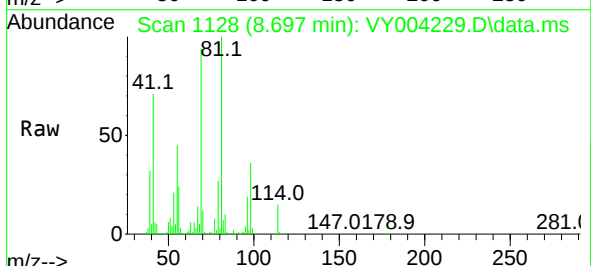
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

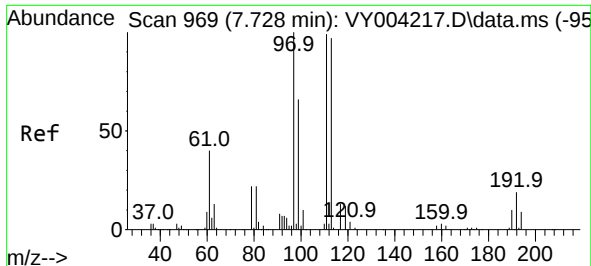
Tgt Ion: 65 Resp: 168280
Ion Ratio Lower Upper
65 100
67 55.9 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion:114 Resp: 516342
Ion Ratio Lower Upper
114 100
63 38.5 0.0 40.4
88 16.0 0.0 30.8

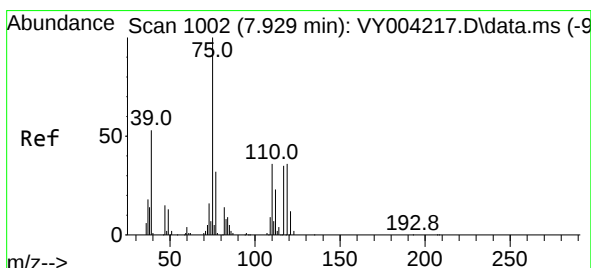
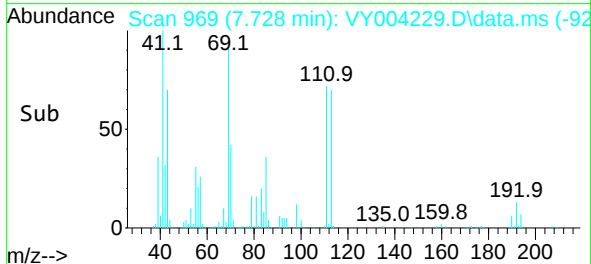
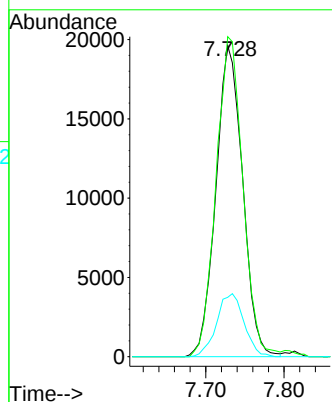
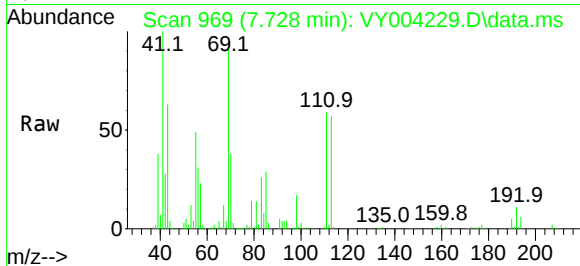




#35
Dibromofluoromethane
Concen: 16.19 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

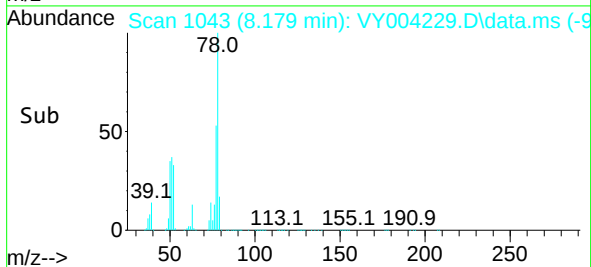
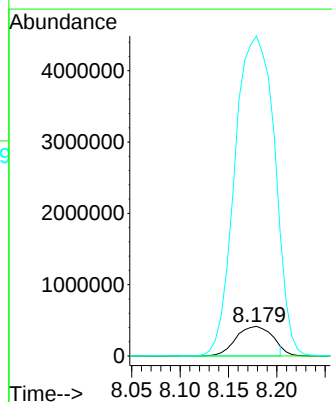
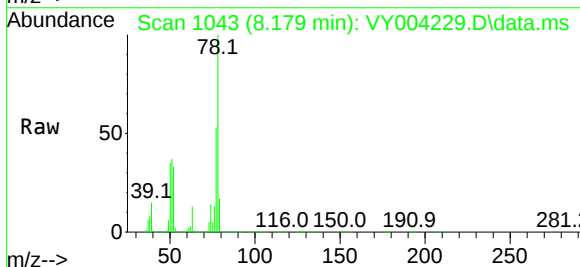
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

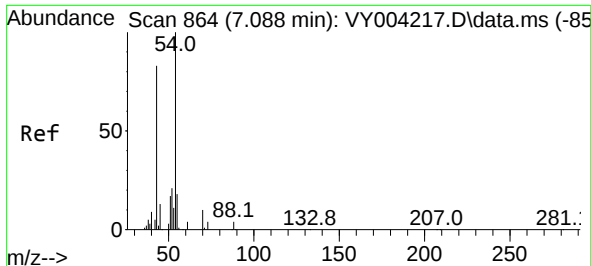
Tgt Ion:113 Resp: 46586
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.7 16.4 24.6



#36
1,1-Dichloropropene
Concen: 230.19 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.250 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 75 Resp: 1085001
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.3#
77 1145.4 25.1 37.7#





#37

Ethyl Acetate

Concen: 141.48 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.092 min

Lab File: VY004229.D

Acq: 30 Mar 2021 12:55

Tgt Ion: 43 Resp: 391205

Ion Ratio Lower Upper

43 100

61 0.1 10.2 15.2#

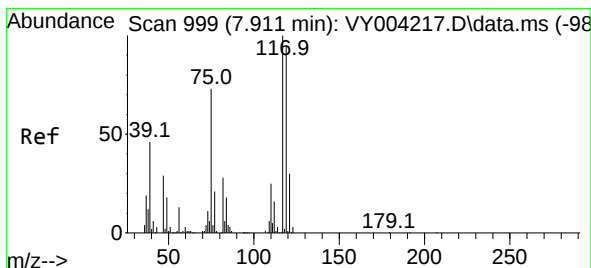
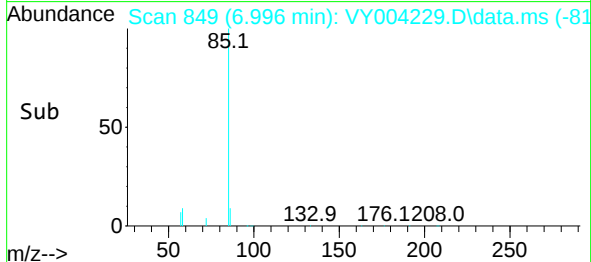
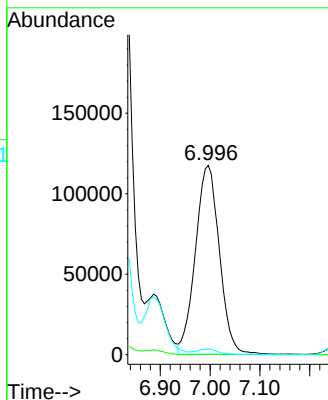
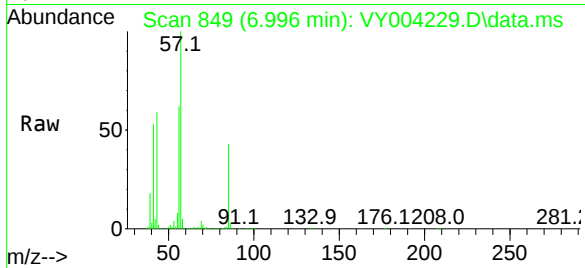
70 2.6 8.0 12.0#

Instrument :

MSVOA_Y

ClientSampled :

B5-8-10



#38

Carbon Tetrachloride

Concen: 7.23 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.110 min

Lab File: VY004229.D

Acq: 30 Mar 2021 12:55

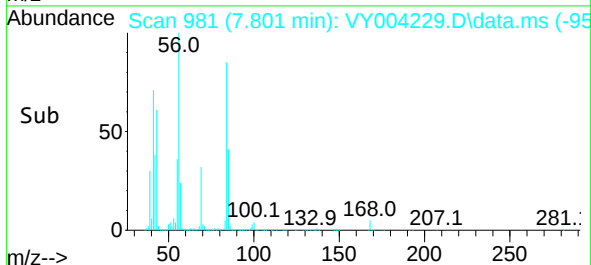
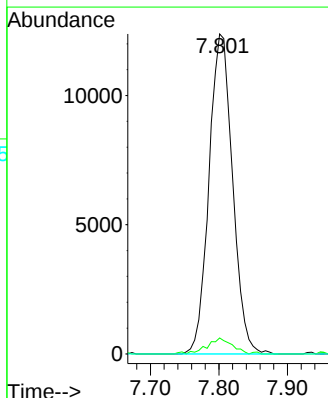
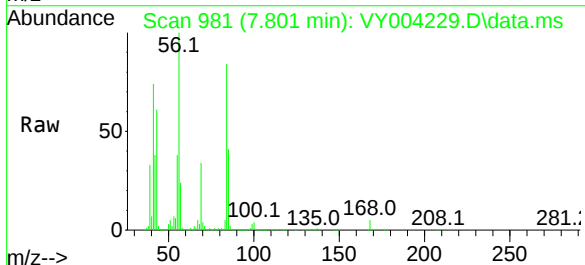
Tgt Ion: 117 Resp: 29638

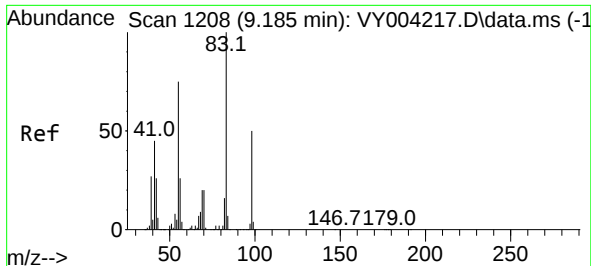
Ion Ratio Lower Upper

117 100

119 5.0 75.6 113.4#

121 0.0 24.3 36.5#





#39

Methylcyclohexane

Concen: 1207.06 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.006 min

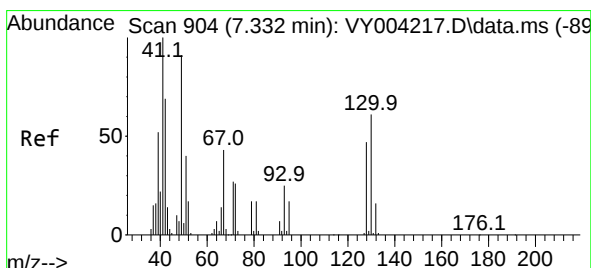
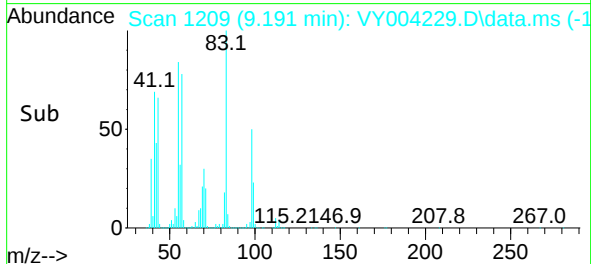
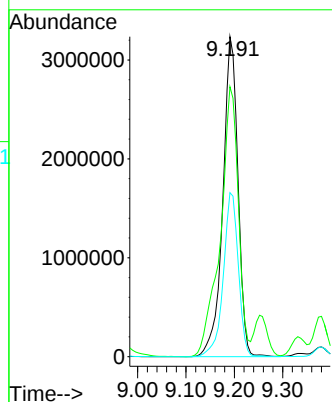
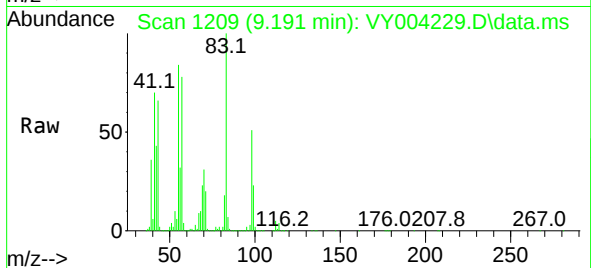
Lab File: VY004229.D

Acq: 30 Mar 2021 12:55

Tgt Ion: 83 Resp: 7044428

Ion	Ratio	Lower	Upper
83	100		
55	84.3	60.0	90.0
98	51.2	40.2	60.2

Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10



#41

Methacrylonitrile

Concen: 106.19 ug/l

RT: 7.368 min Scan# 910

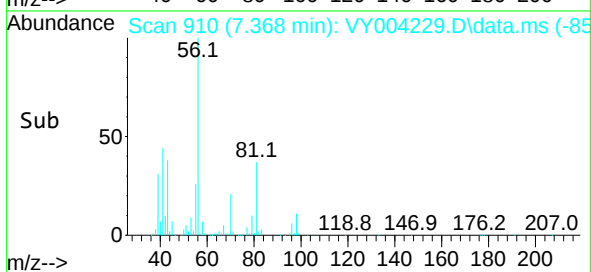
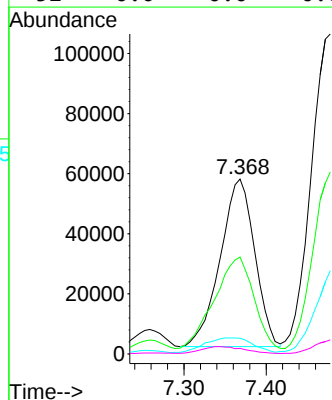
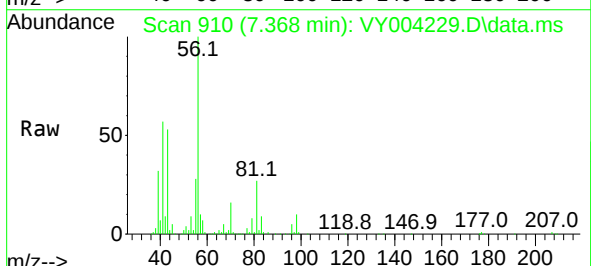
Delta R.T. 0.036 min

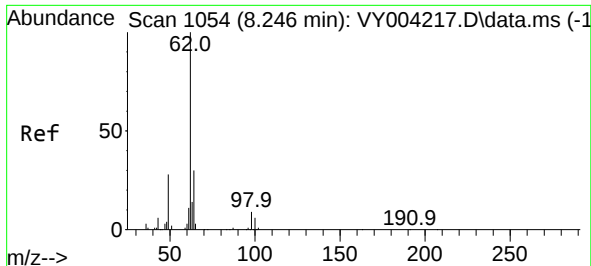
Lab File: VY004229.D

Acq: 30 Mar 2021 12:55

Tgt Ion: 41 Resp: 162690

Ion	Ratio	Lower	Upper
41	100		
39	61.6	103.4	155.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0





#42

1,2-Dichloroethane

Concen: 132.92 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. -0.067 min

Lab File: VY004229.D

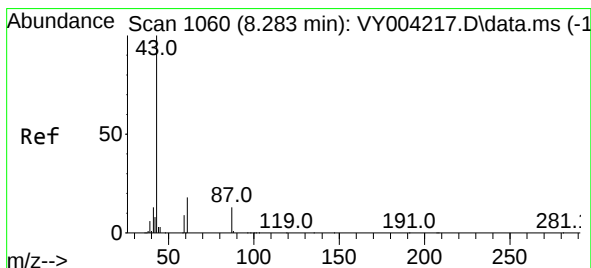
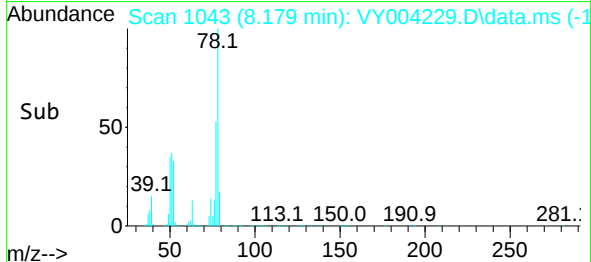
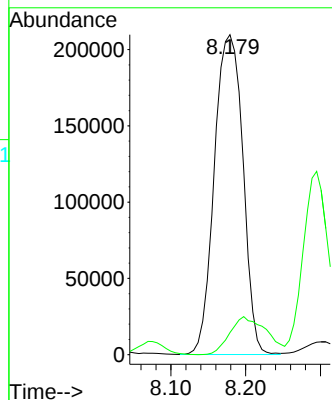
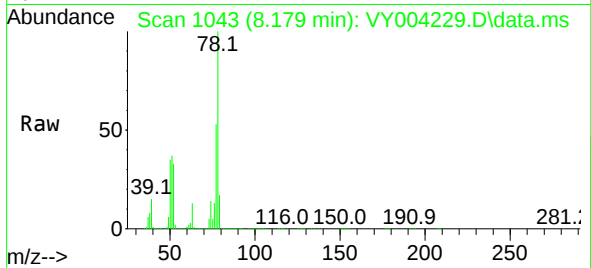
Acq: 30 Mar 2021 12:55

Tgt Ion: 62 Resp: 558130

Ion Ratio Lower Upper

62 100

98 15.3 0.0 18.6



#43

Isopropyl Acetate

Concen: 225.66 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VY004229.D

Acq: 30 Mar 2021 12:55

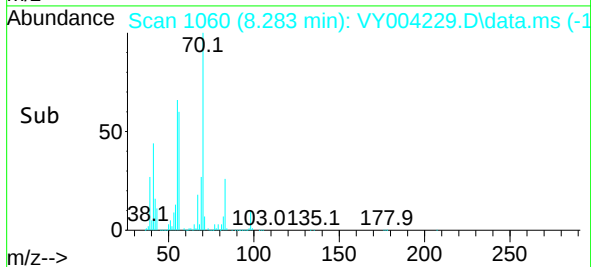
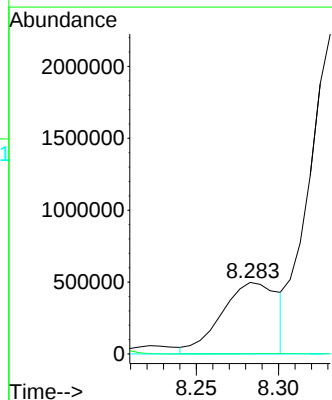
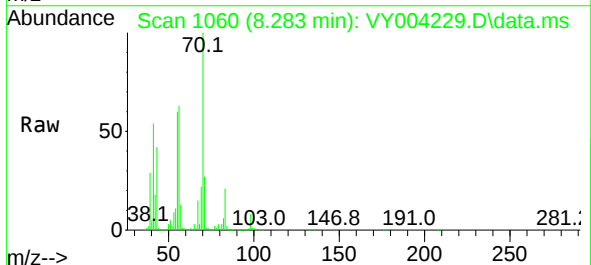
Tgt Ion: 43 Resp: 1181381

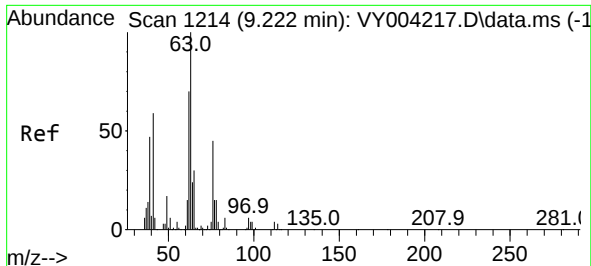
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 10.6 15.8#



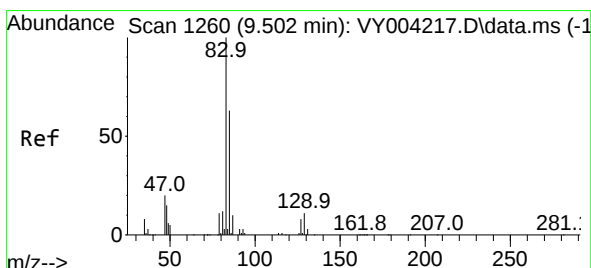
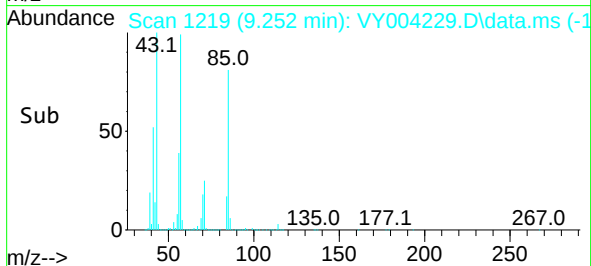
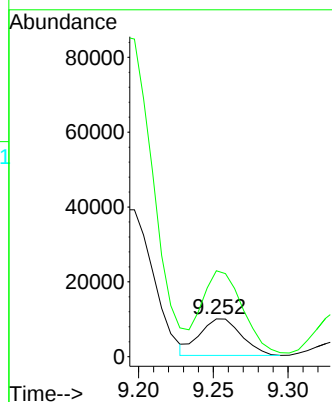
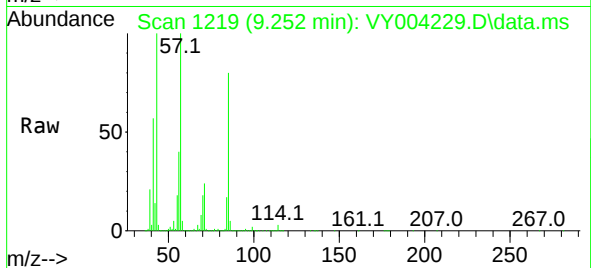


#45

1,2-Dichloropropane
Concen: 5.71 ug/l
RT: 9.252 min Scan# 1219
Delta R.T. 0.030 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Instrument :
MSVOA_Y
ClientSampled :
B5-8-10

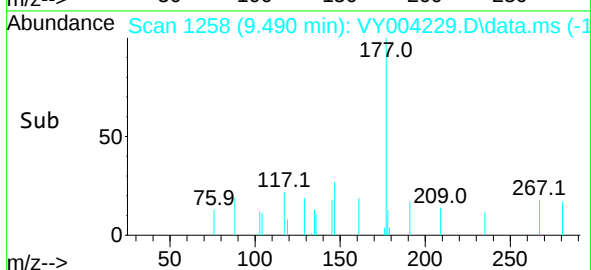
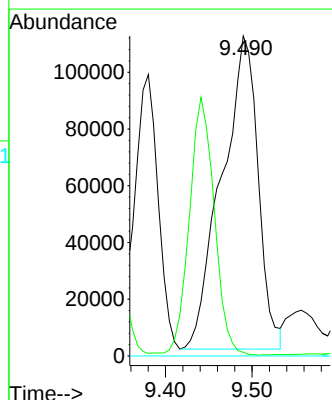
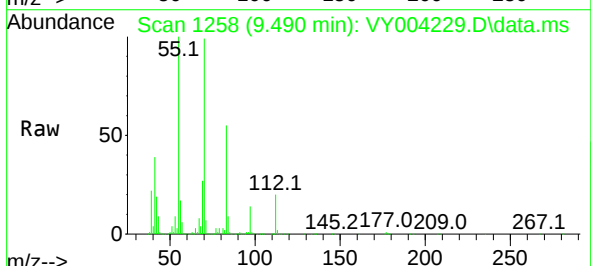
Tgt Ion: 63 Resp: 18865
Ion Ratio Lower Upper
63 100
65 225.2 23.7 35.5#

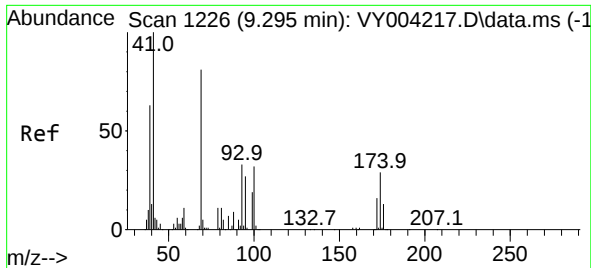


#47

Bromodichloromethane
Concen: 69.39 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.012 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 83 Resp: 321447
Ion Ratio Lower Upper
83 100
85 0.7 50.3 75.5#
127 0.0 6.7 10.1#

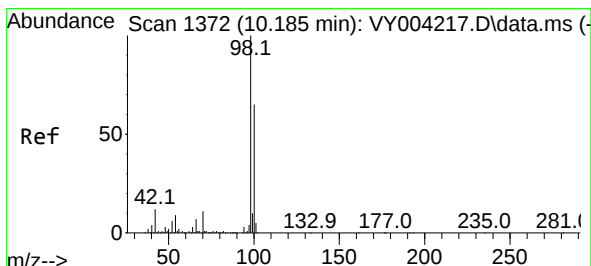
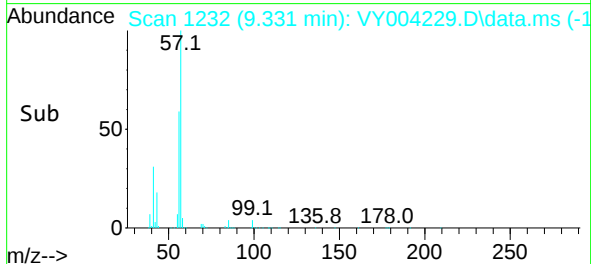
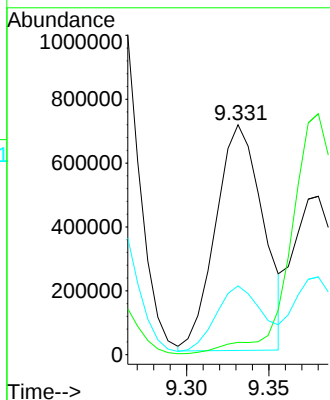
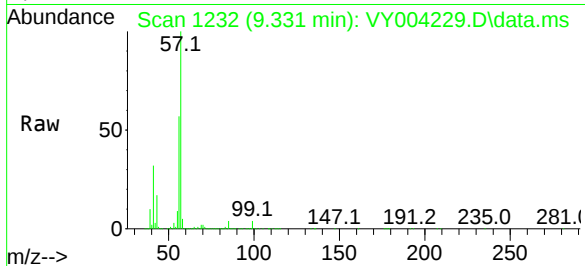




#48
Methyl methacrylate
Concen: 596.82 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.036 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

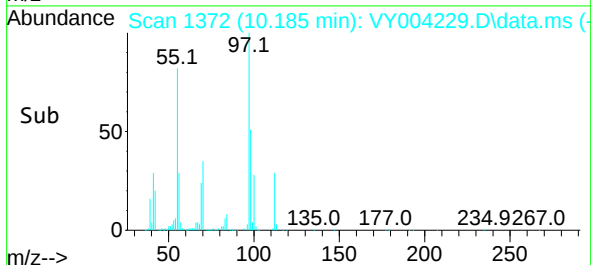
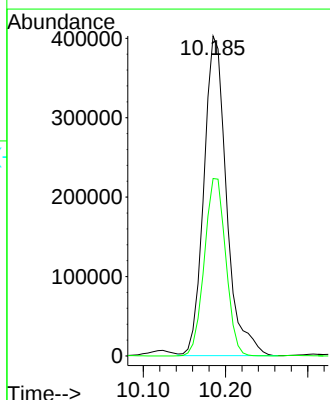
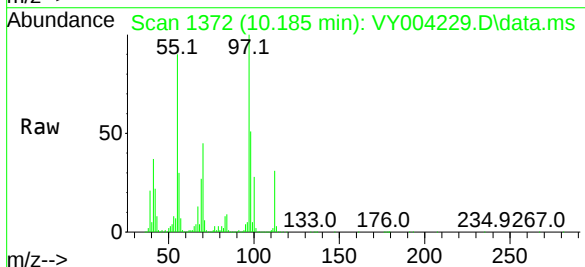
Instrument :
MSVOA_Y
ClientSampled :
B5-8-10

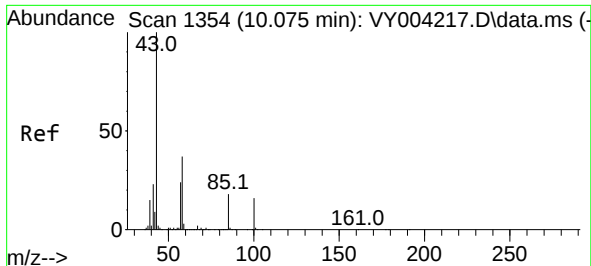
Tgt Ion: 41 Resp: 1419148
Ion Ratio Lower Upper
41 100
69 0.0 67.0 100.4#
39 29.3 49.0 73.6#



#50
Toluene-d8
Concen: 71.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 98 Resp: 768986
Ion Ratio Lower Upper
98 100
100 52.6 52.5 78.7

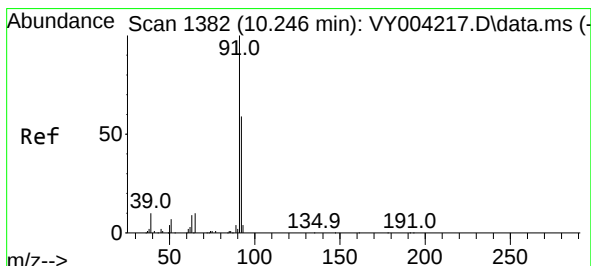
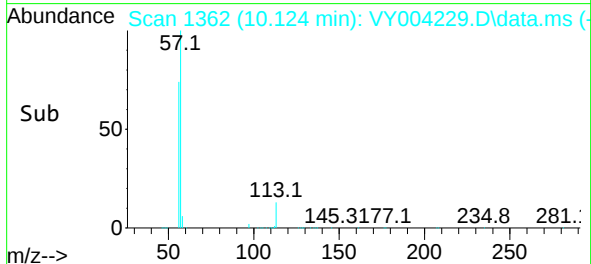
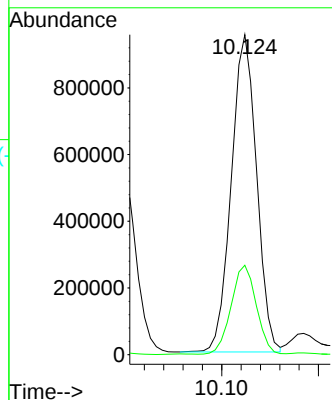
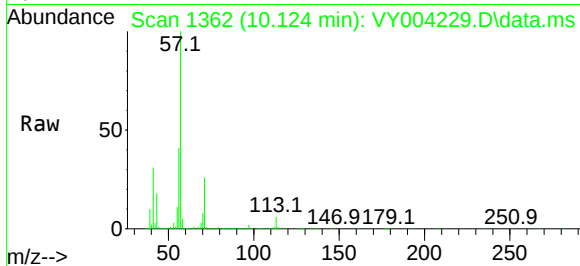




#51
4-Methyl-2-Pentanone
Concen: 647.83 ug/l
RT: 10.124 min Scan# 1362
Delta R.T. 0.049 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

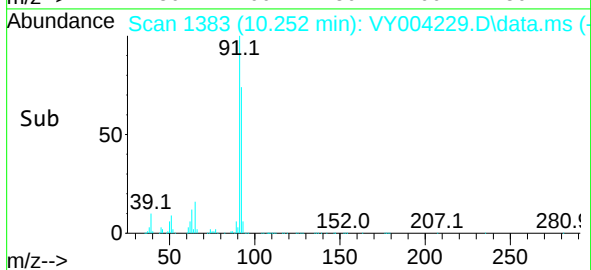
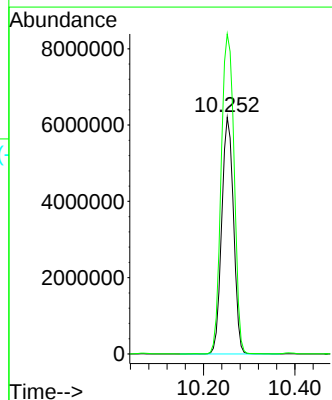
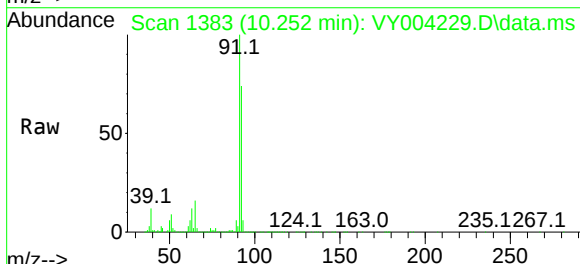
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

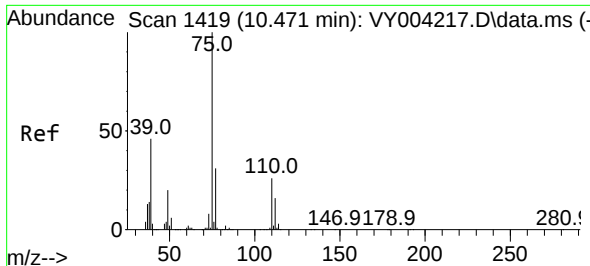
Tgt Ion: 43 Resp: 1728040
Ion Ratio Lower Upper
43 100
58 27.8 30.6 45.8#



#52
Toluene
Concen: 1294.92 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 92 Resp: 11123451
Ion Ratio Lower Upper
92 100
91 147.8 136.0 204.0

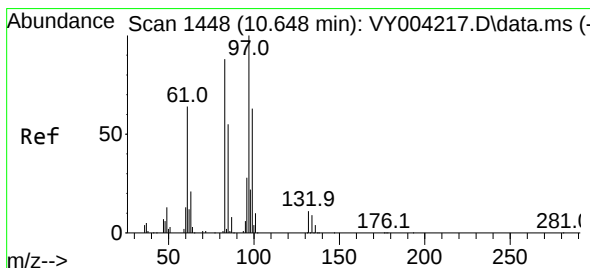
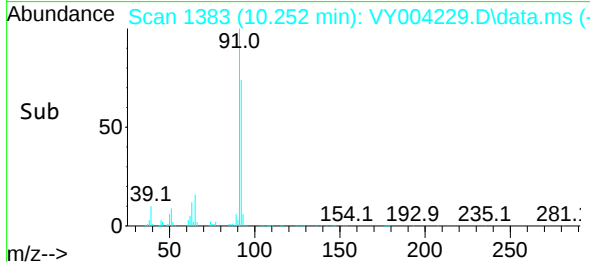
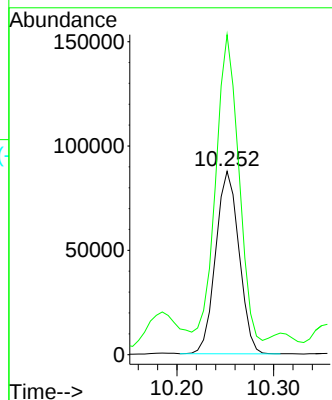
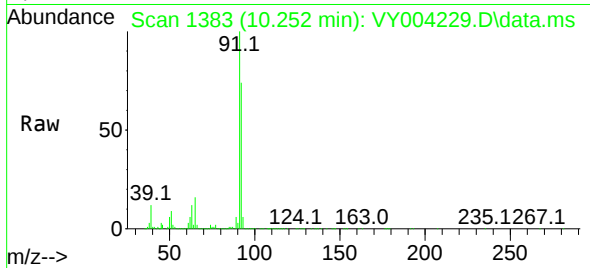




#53
t-1,3-Dichloropropene
Concen: 29.75 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.220 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

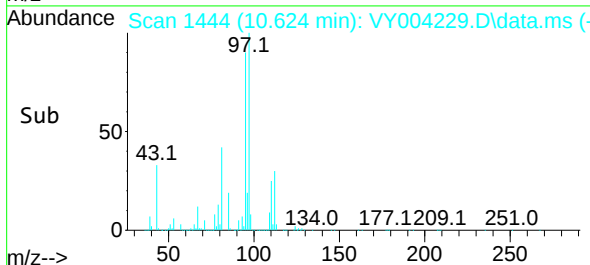
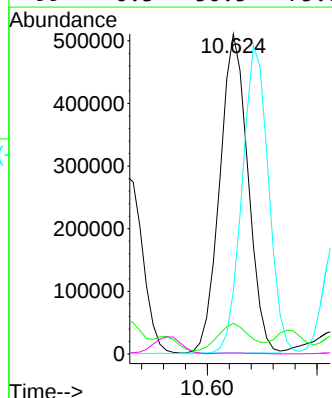
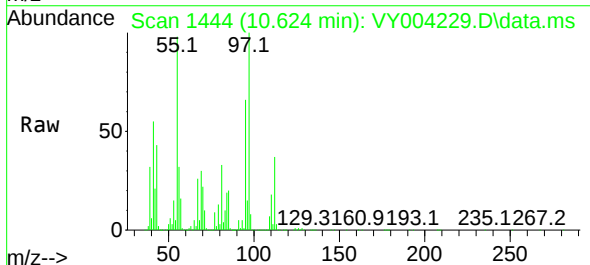
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

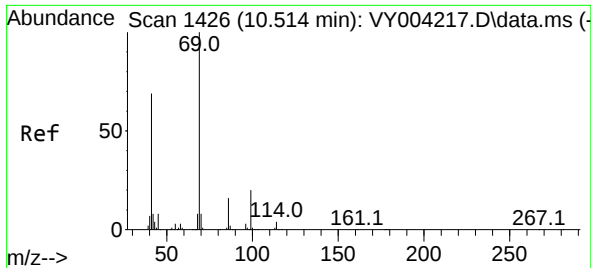
Tgt Ion: 75 Resp: 146963
Ion Ratio Lower Upper
75 100
77 163.5 24.4 36.6#



#55
1,1,2-Trichloroethane
Concen: 341.97 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.025 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 97 Resp: 909538
Ion Ratio Lower Upper
97 100
83 6.9 70.6 105.8#
85 19.4 44.2 66.4#
99 0.3 50.5 75.7#

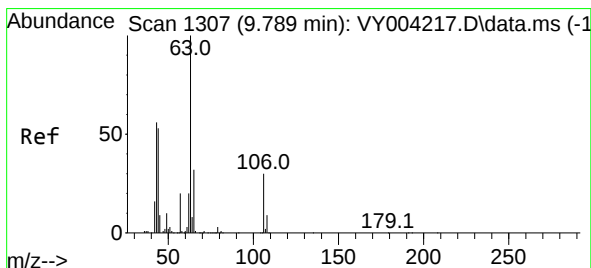
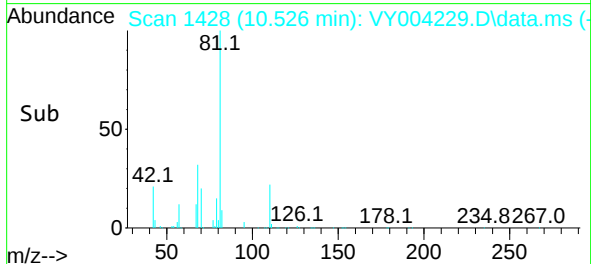
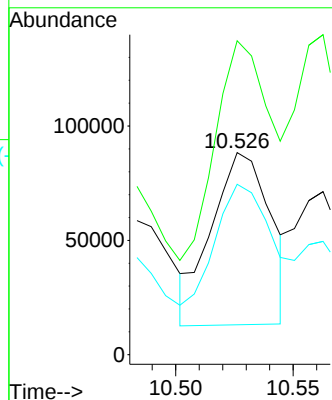
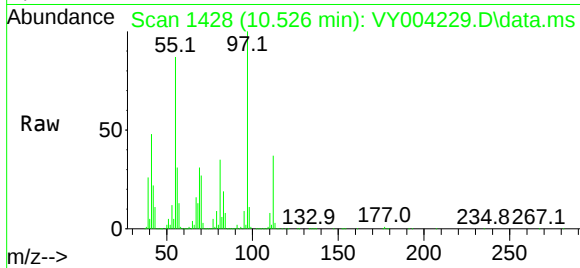




#56
Ethyl methacrylate
Concen: 35.95 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.012 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

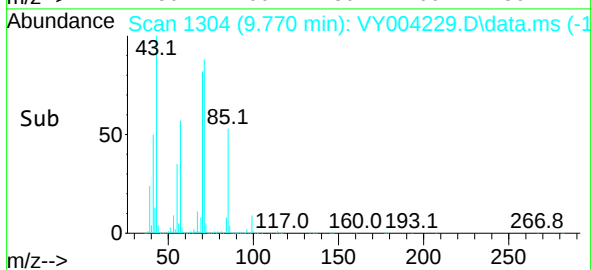
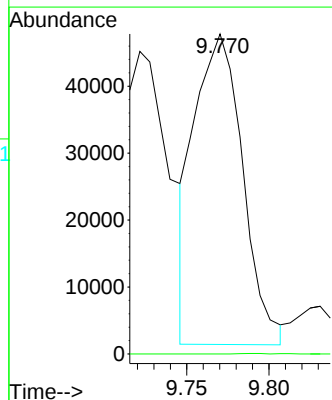
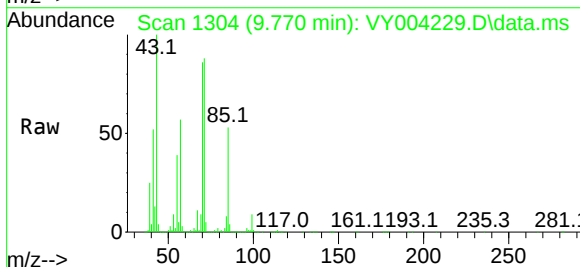
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

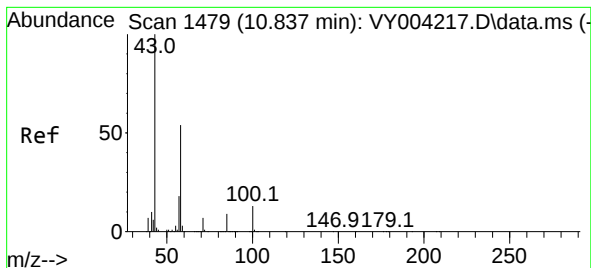
Tgt Ion: 69 Resp: 131200
Ion Ratio Lower Upper
69 100
41 123.5 54.8 82.2#
39 67.8 33.4 50.0#



#58
2-Chloroethyl Vinyl ether
Concen: 60.65 ug/l
RT: 9.770 min Scan# 1304
Delta R.T. -0.018 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 63 Resp: 94700
Ion Ratio Lower Upper
63 100
106 0.0 23.8 35.8#

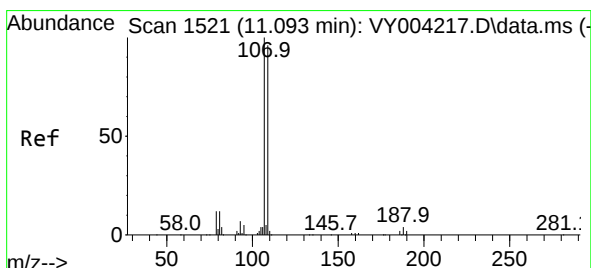
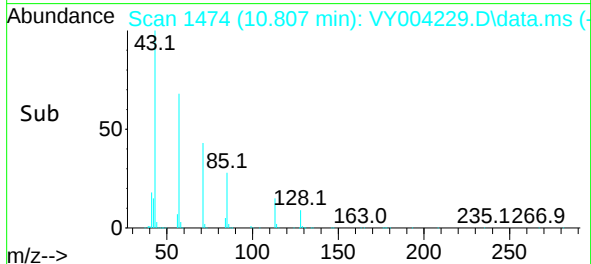
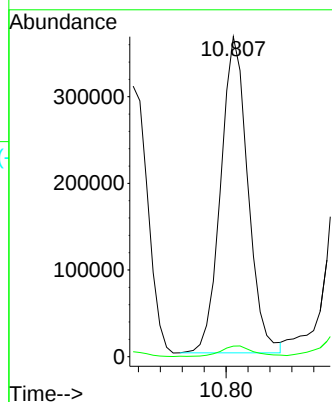
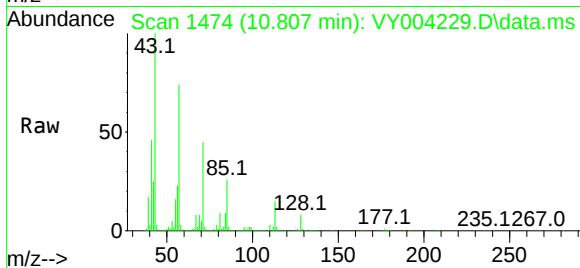




#59
2-Hexanone
Concen: 343.04 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.031 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

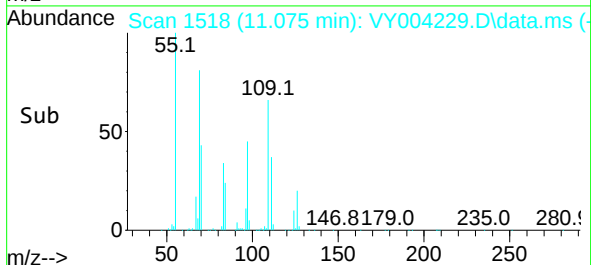
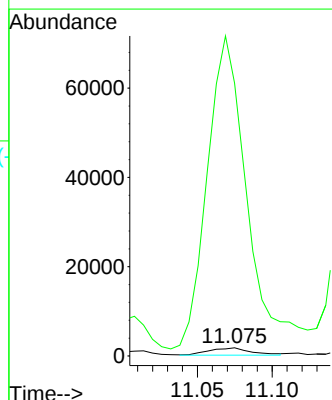
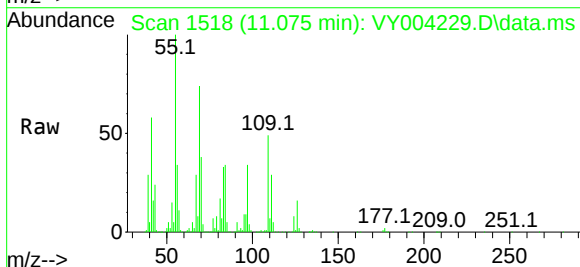
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

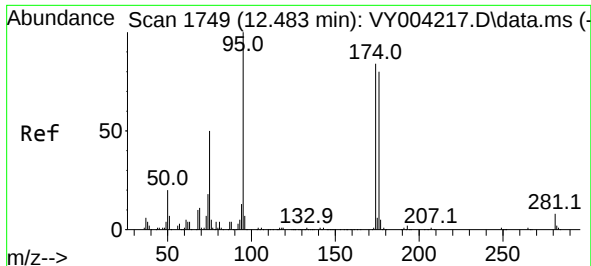
Tgt Ion: 43 Resp: 629077
Ion Ratio Lower Upper
43 100
58 4.2 26.7 80.1#



#61
1,2-Dibromoethane
Concen: 1.22 ug/l
RT: 11.075 min Scan# 1518
Delta R.T. -0.018 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 107 Resp: 3205
Ion Ratio Lower Upper
107 100
109 4065.2 75.6 113.4#

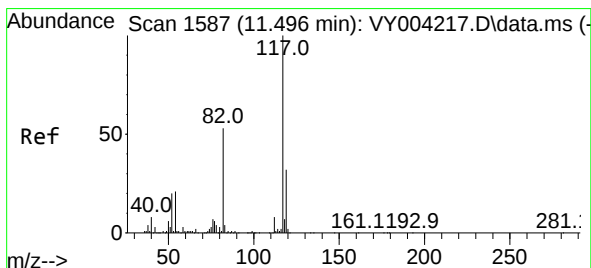
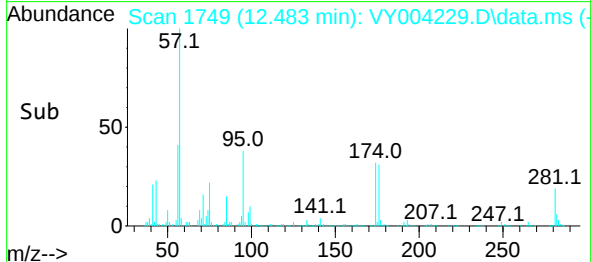
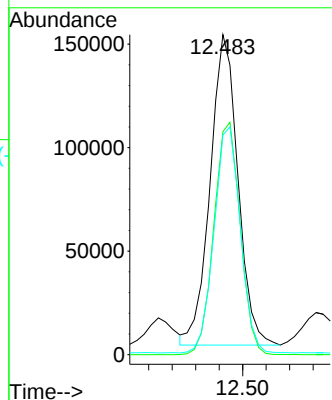
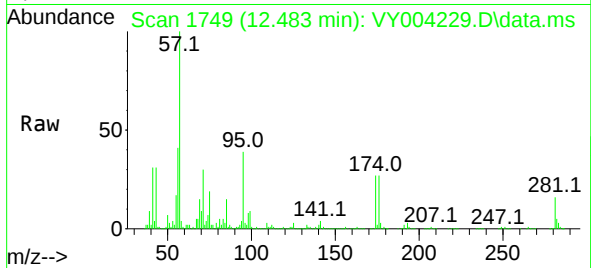




#62
4-Bromofluorobenzene
Concen: 66.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

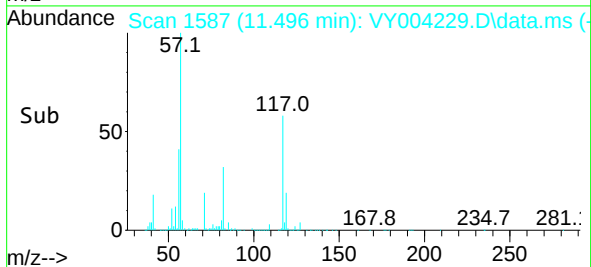
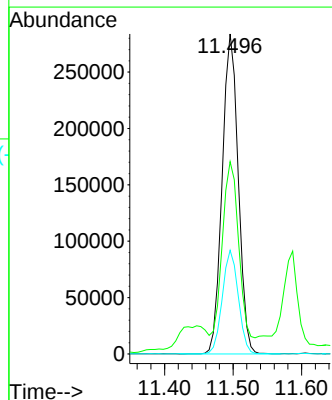
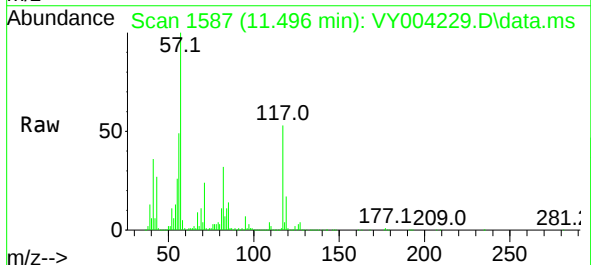
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

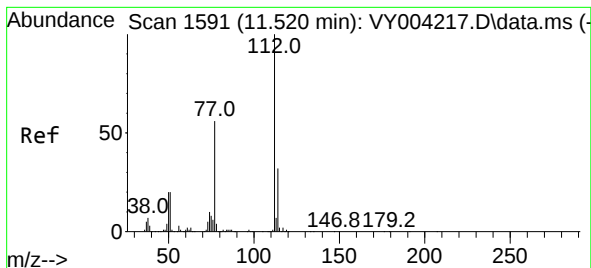
Tgt Ion: 95 Resp: 246033
Ion Ratio Lower Upper
95 100
174 70.9 0.0 171.4
176 68.9 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 117 Resp: 460725
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 32.4 25.7 38.5

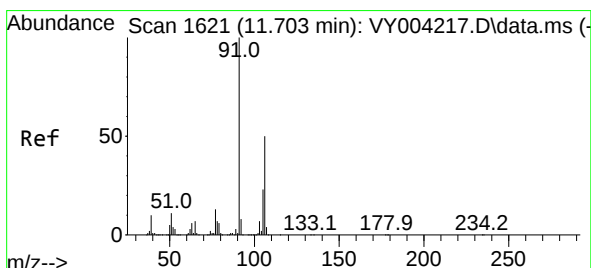
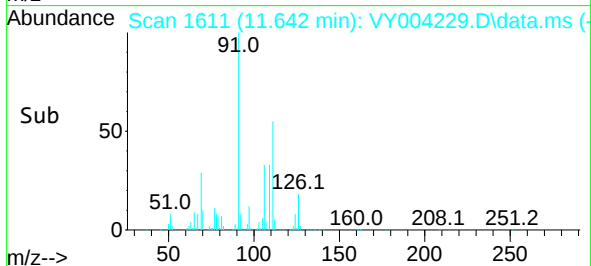
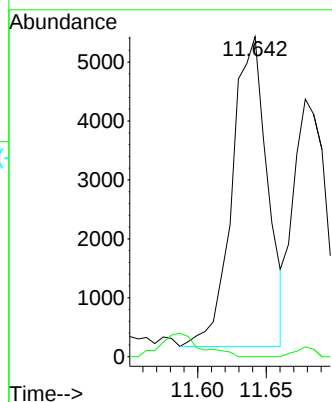
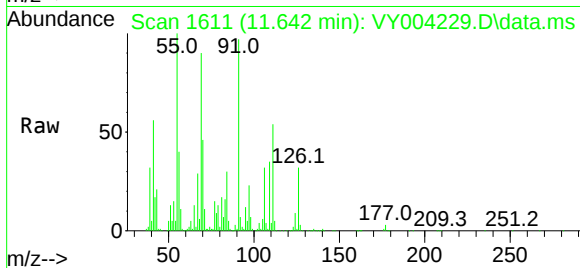




#65
Chlorobenzene
Concen: 1.02 ug/l
RT: 11.642 min Scan# 1611
Delta R.T. 0.122 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

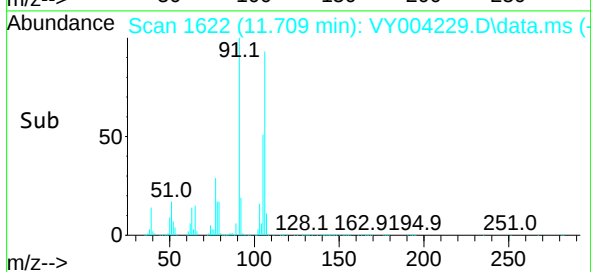
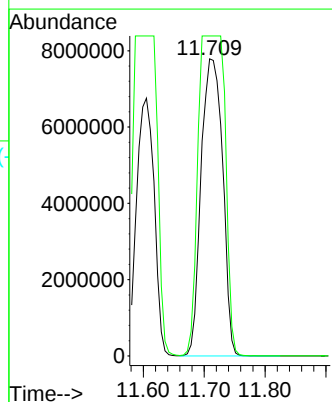
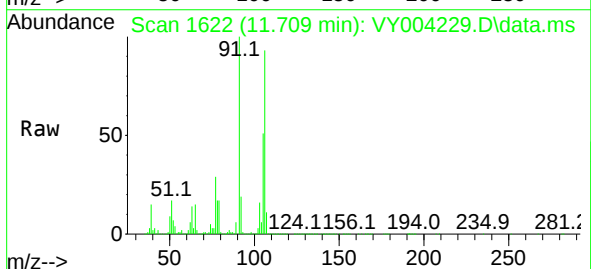
Instrument :
MSVOA_Y
ClientSampled :
B5-8-10

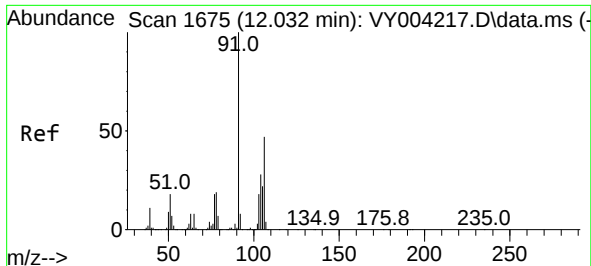
Tgt Ion:112 Resp: 9415
Ion Ratio Lower Upper
112 100
114 0.0 25.9 38.9#



#68
m/p-Xylenes
Concen: 2976.16 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion:106 Resp:19067564
Ion Ratio Lower Upper
106 100
91 0.0 159.8 239.6#

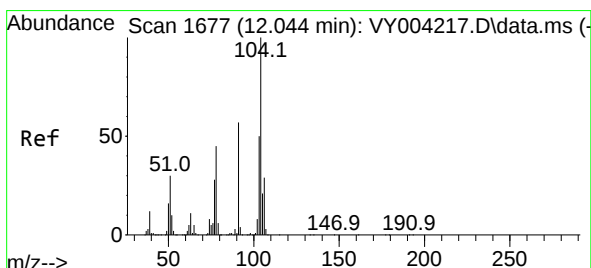
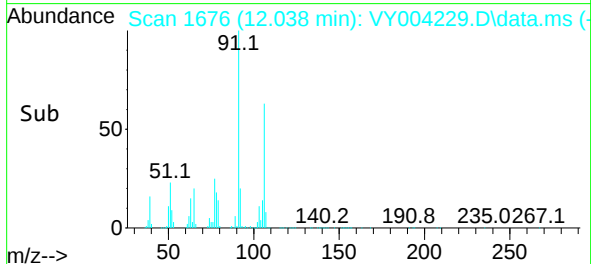
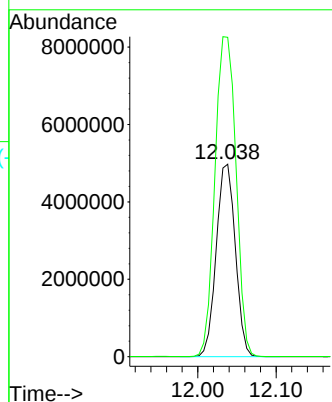
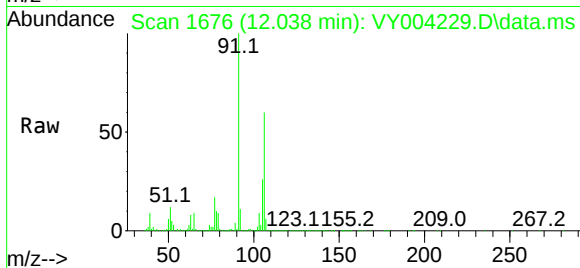




#69
o-Xylene
Concen: 1406.64 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

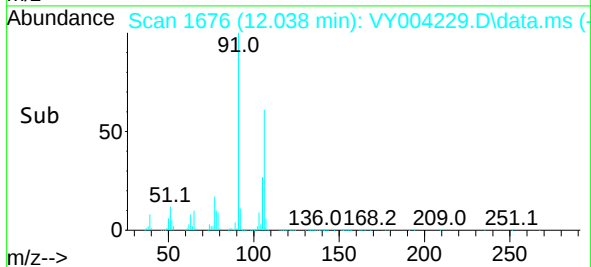
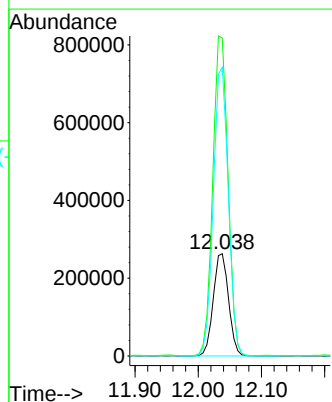
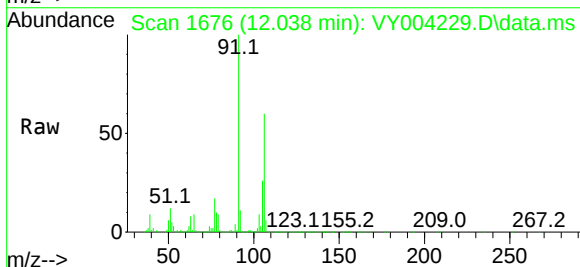
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

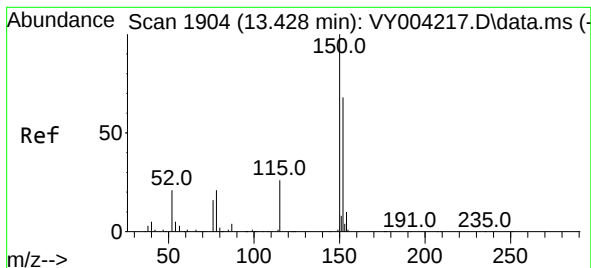
Tgt Ion:106 Resp: 8432282
Ion Ratio Lower Upper
106 100
91 183.2 105.6 316.8



#70
Styrene
Concen: 44.16 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion:104 Resp: 440439
Ion Ratio Lower Upper
104 100
78 311.1 39.8 59.8#
103 277.6 43.3 64.9#

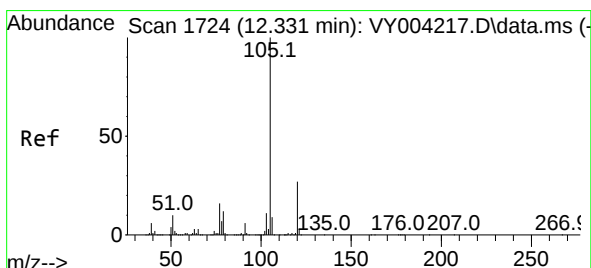
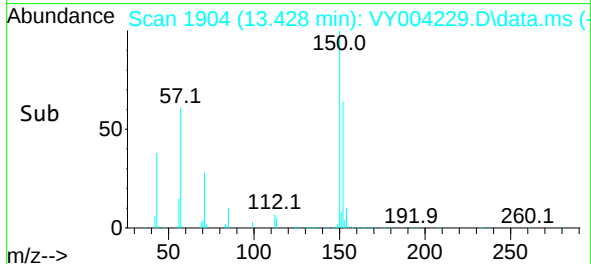
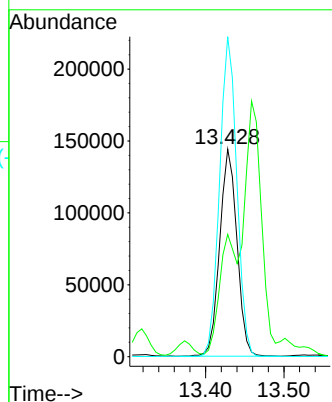
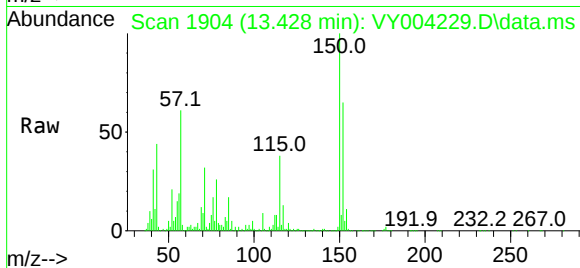




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

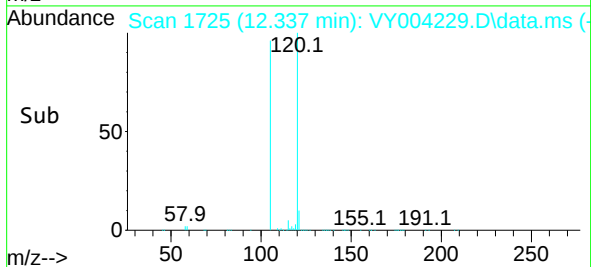
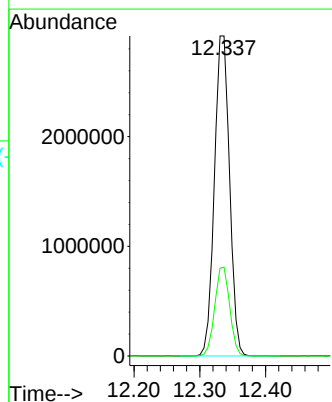
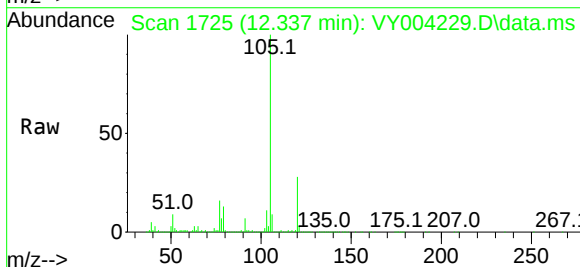
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

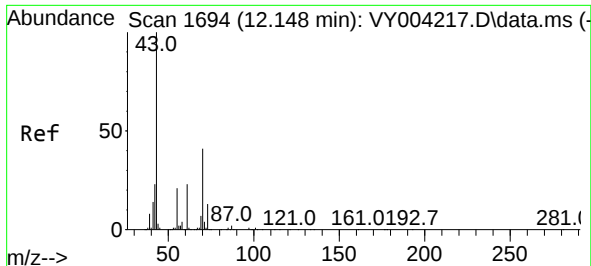
Tgt Ion:152 Resp: 221274
Ion Ratio Lower Upper
152 100
115 57.0 29.0 87.1
150 153.9 0.0 347.4



#73
Isopropylbenzene
Concen: 289.23 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion:105 Resp: 4675516
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.0

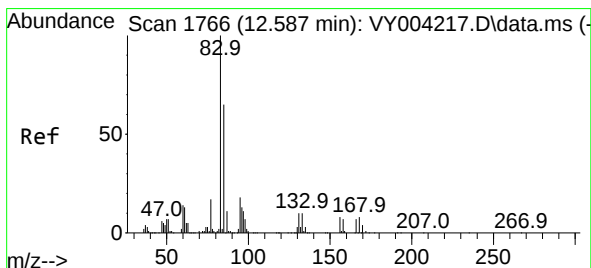
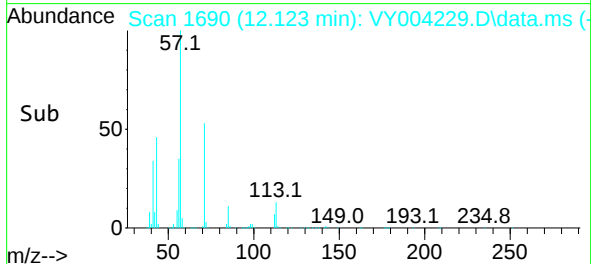
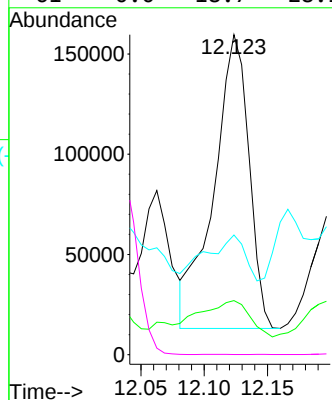
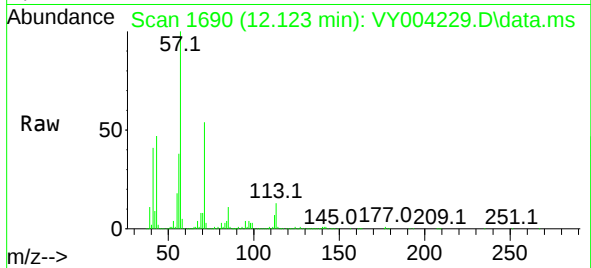




#74
N-amy1 acetate
Concen: 59.95 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.025 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

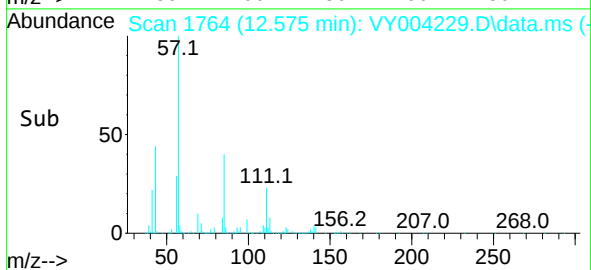
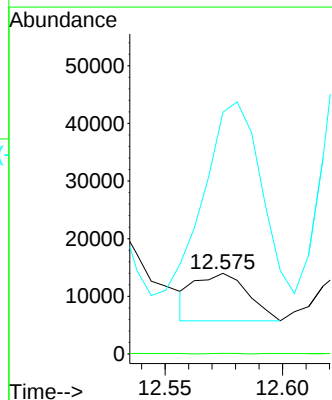
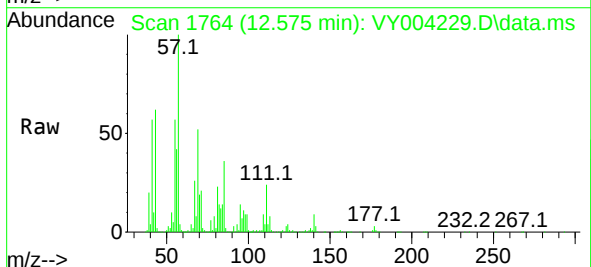
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

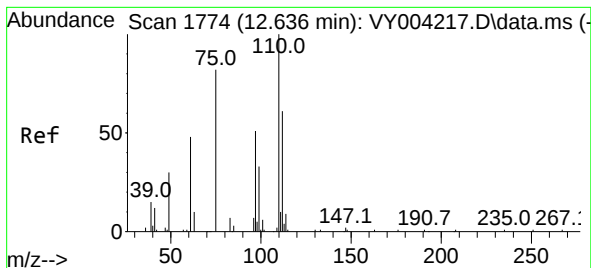
Tgt Ion: 43	Resp: 283220
Ion Ratio	Lower Upper
43 100	
70 20.6	32.6 49.0#
55 16.7	18.0 27.0#
61 0.0	18.7 28.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 4.32 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.012 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 83	Resp: 12927
Ion Ratio	Lower Upper
83 100	
131 0.7	5.6 16.8#
85 482.7	31.8 95.4#





#76

1,2,3-Trichloropropane

Concen: 44.30 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.036 min

Lab File: VY004229.D

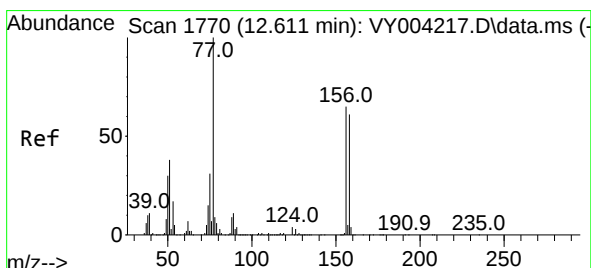
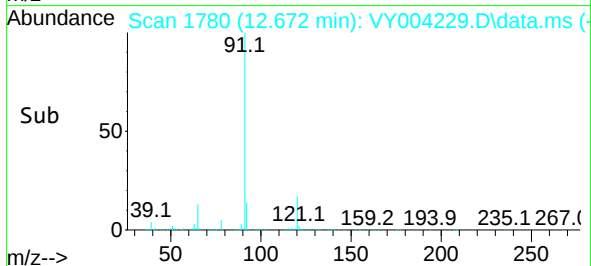
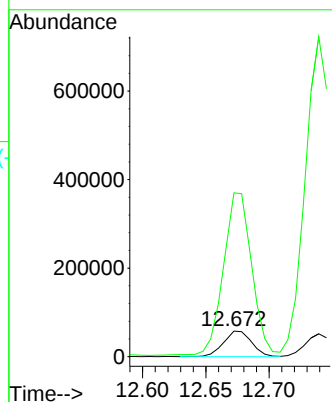
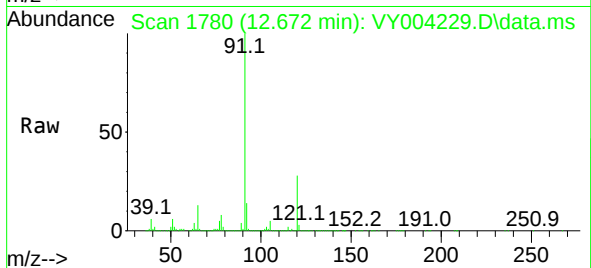
Acq: 30 Mar 2021 12:55

Tgt Ion: 75 Resp: 89017

Ion Ratio Lower Upper

75 100

77 643.3 0.0 0.0#



#77

Bromobenzene

Concen: 7.59 ug/l

RT: 12.471 min Scan# 1747

Delta R.T. -0.140 min

Lab File: VY004229.D

Acq: 30 Mar 2021 12:55

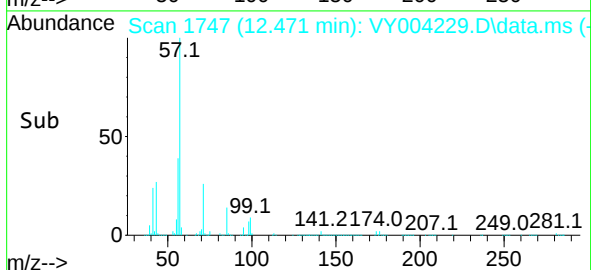
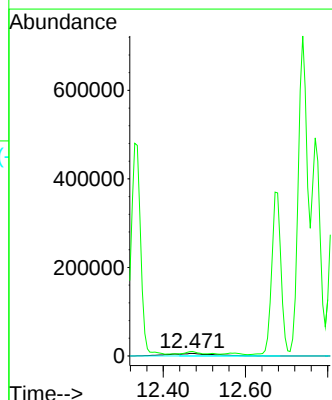
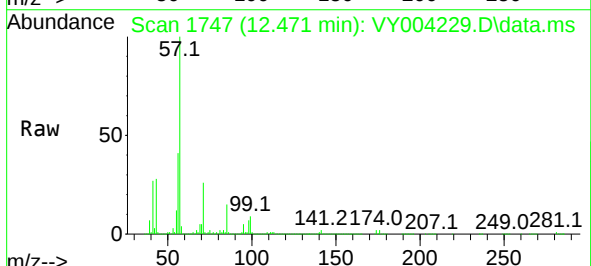
Tgt Ion: 156 Resp: 28719

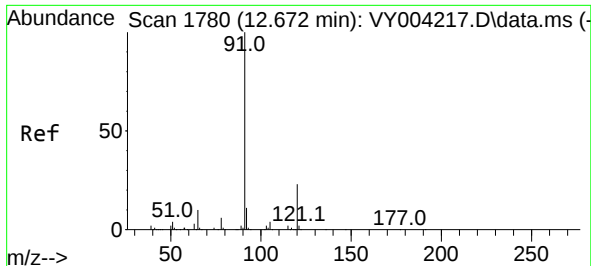
Ion Ratio Lower Upper

156 100

77 0.0 88.6 265.9#

158 0.2 48.3 144.9#

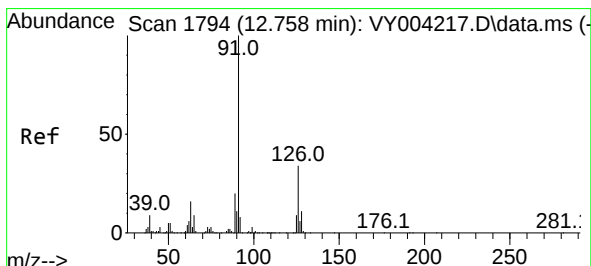
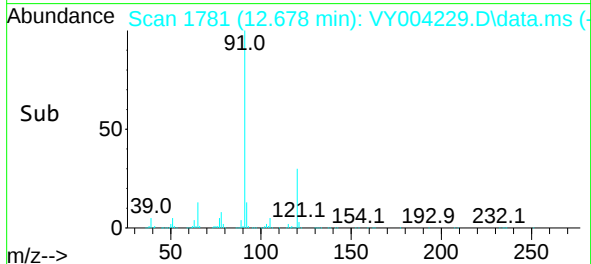
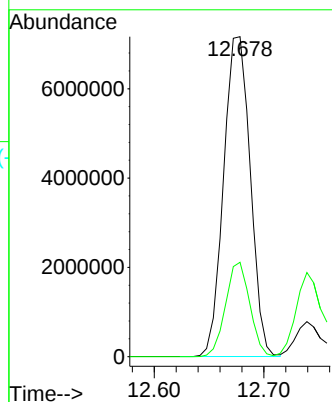
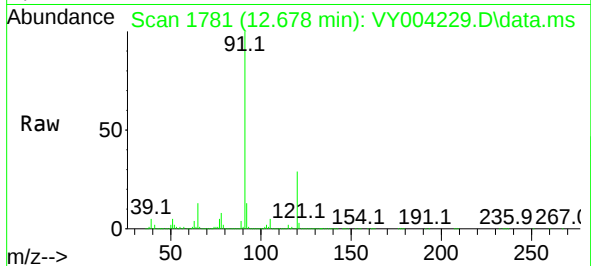




#78
n-propylbenzene
Concen: 648.16 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

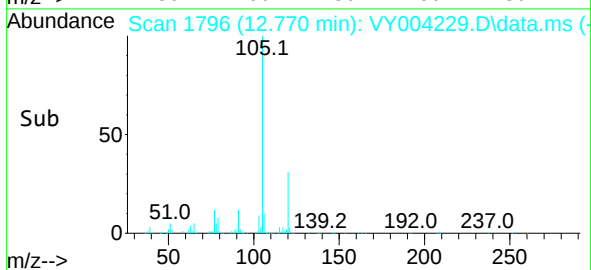
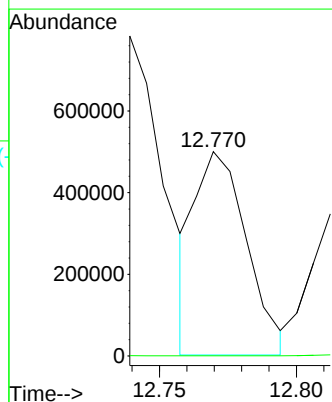
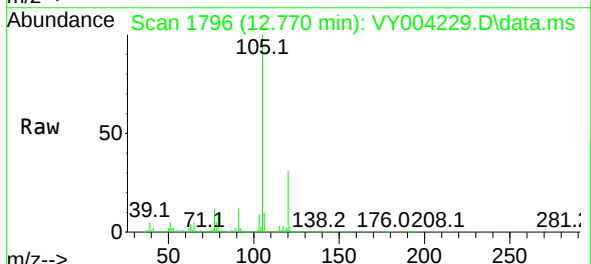
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

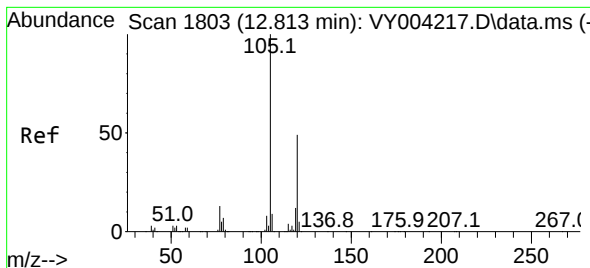
Tgt Ion: 91 Resp:12122817
Ion Ratio Lower Upper
91 100
120 26.8 11.9 35.5



#79
2-Chlorotoluene
Concen: 63.87 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 91 Resp: 656307
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.6#





#80

1,3,5-Trimethylbenzene

Concen: 365.43 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY004229.D

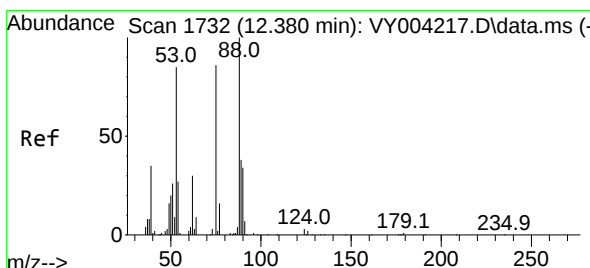
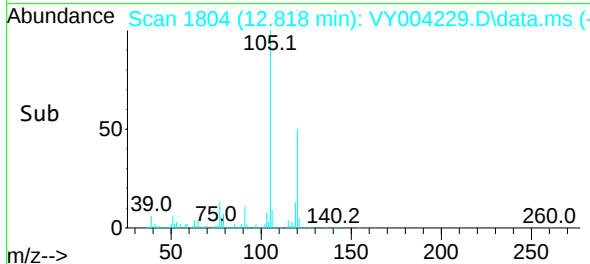
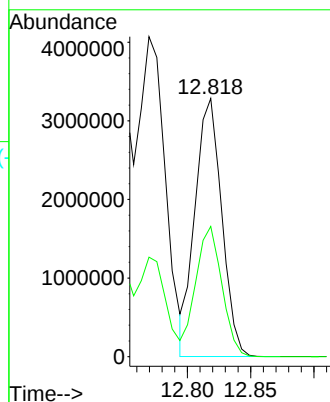
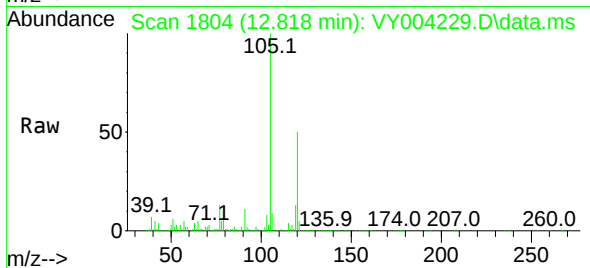
Acq: 30 Mar 2021 12:55

Tgt Ion:105 Resp: 4819137

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 50.96 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.049 min

Lab File: VY004229.D

Acq: 30 Mar 2021 12:55

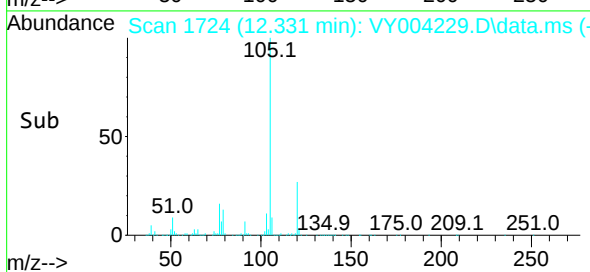
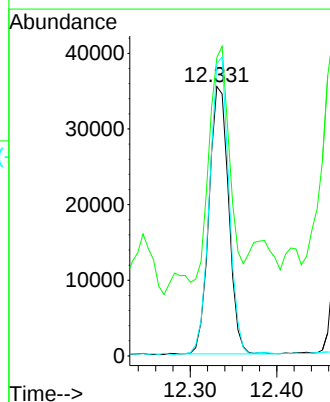
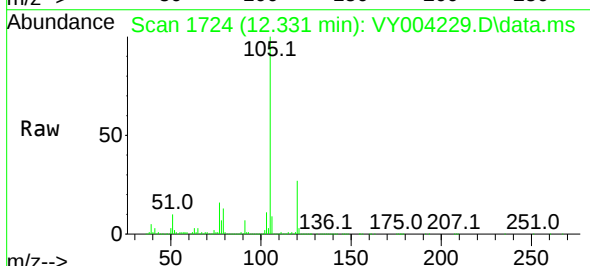
Tgt Ion: 75 Resp: 55558

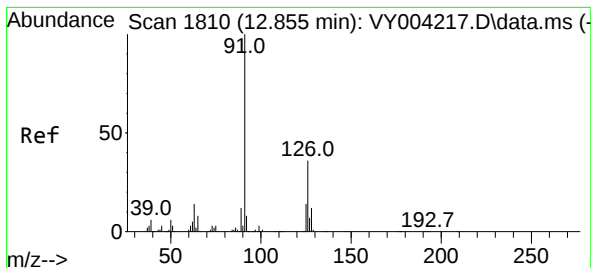
Ion Ratio Lower Upper

75 100

53 95.0 79.3 118.9

89 110.1 39.4 59.2#

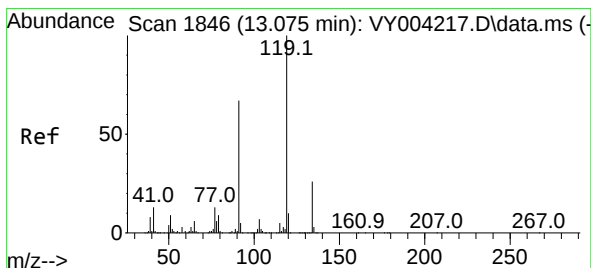
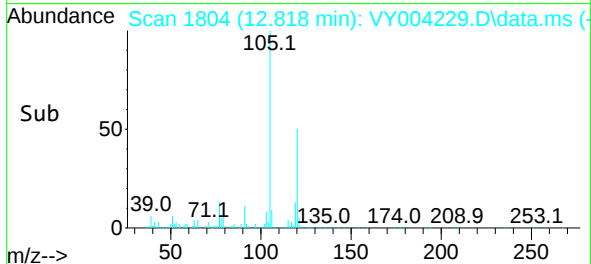
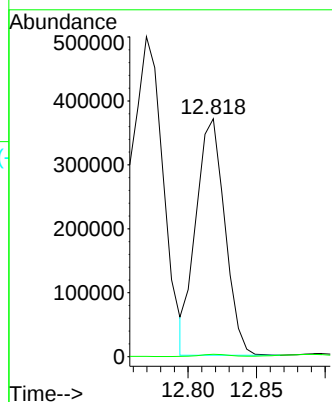
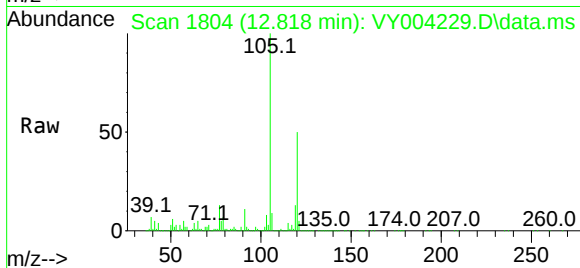




#82
4-Chlorotoluene
Concen: 50.07 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.037 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

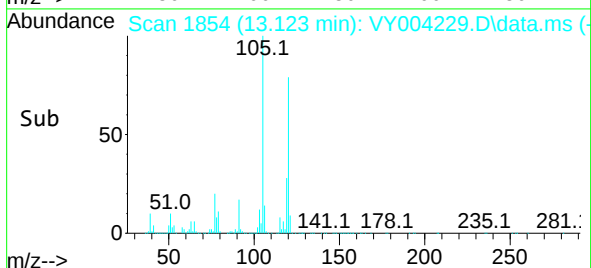
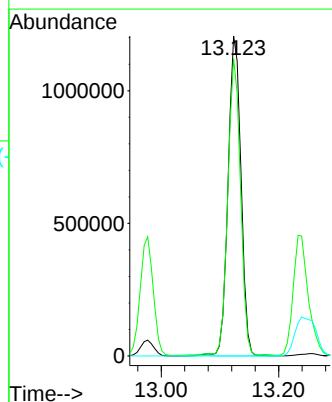
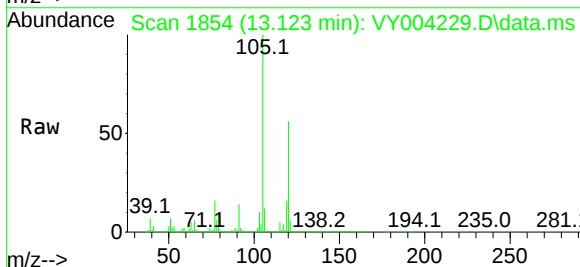
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

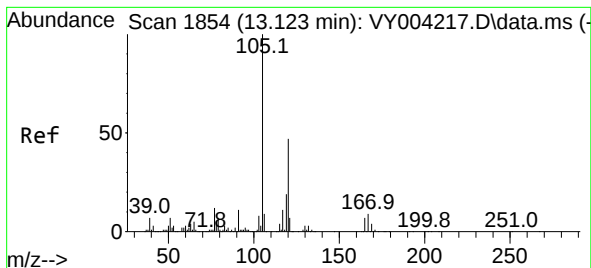
Tgt Ion: 91 Resp: 541499
Ion Ratio Lower Upper
91 100
126 1.0 17.8 53.4#



#83
tert-Butylbenzene
Concen: 161.45 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.049 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 119 Resp: 1839747
Ion Ratio Lower Upper
119 100
91 91.3 33.1 99.2
134 0.0 13.6 40.8#

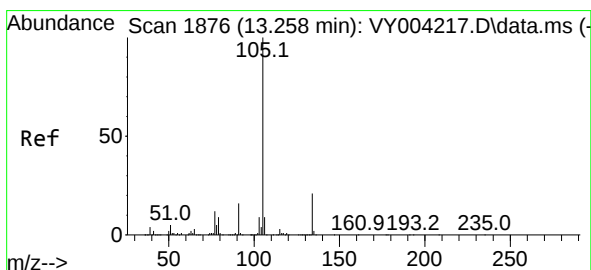
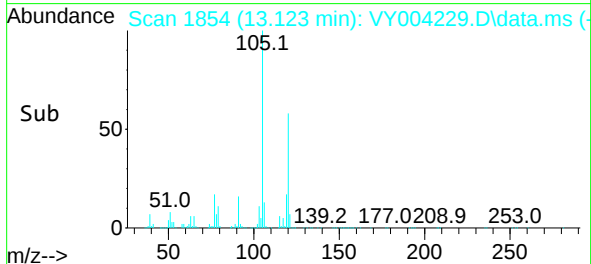
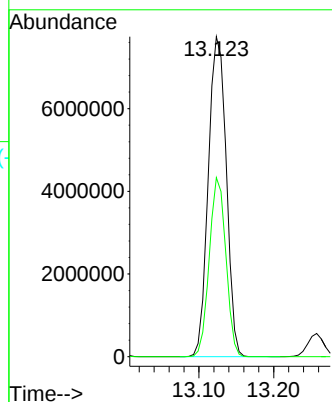
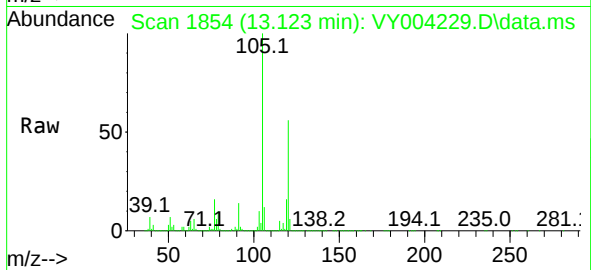




#84
1,2,4-Trimethylbenzene
Concen: 974.95 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

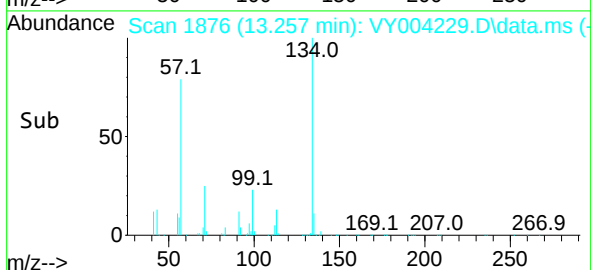
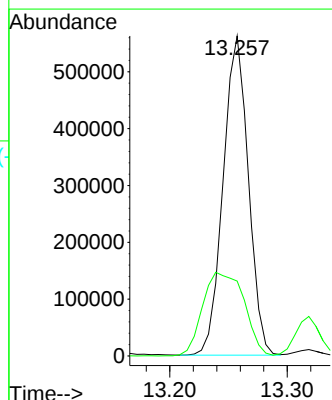
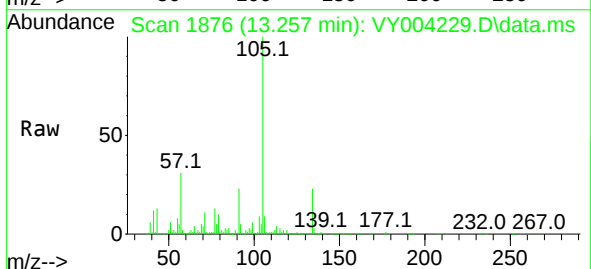
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

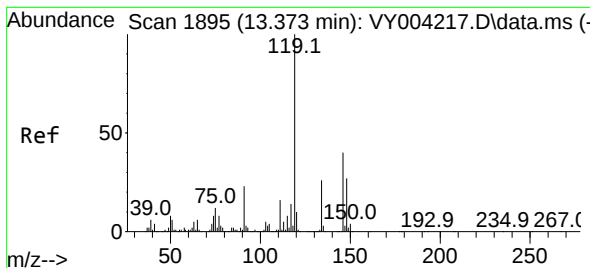
Tgt Ion:105 Resp:12896248
Ion Ratio Lower Upper
105 100
120 51.7 22.9 68.7



#85
sec-Butylbenzene
Concen: 53.30 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion:105 Resp: 836159
Ion Ratio Lower Upper
105 100
134 43.1 10.4 31.4#

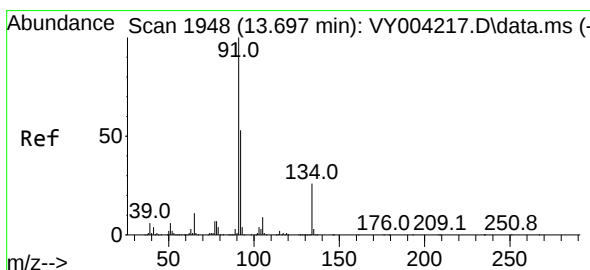
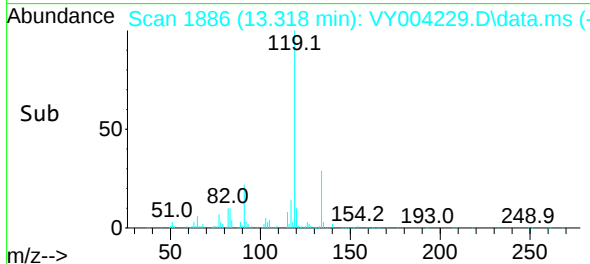
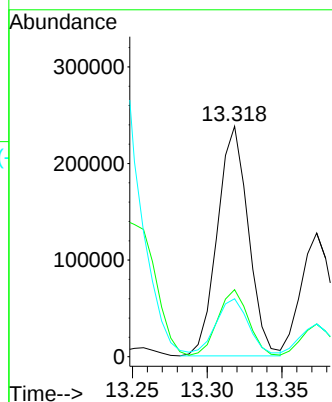
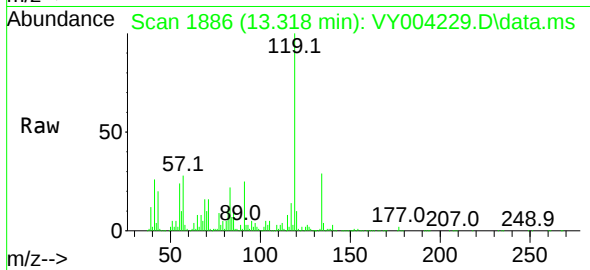




#86
p-Isopropyltoluene
Concen: 23.44 ug/l
RT: 13.318 min Scan# 1886
Delta R.T. -0.055 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

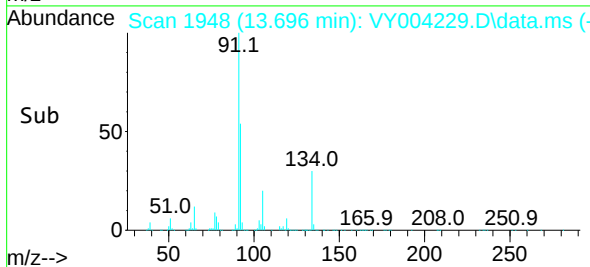
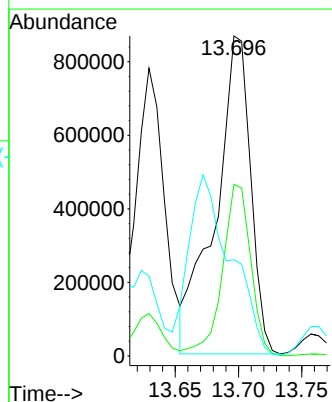
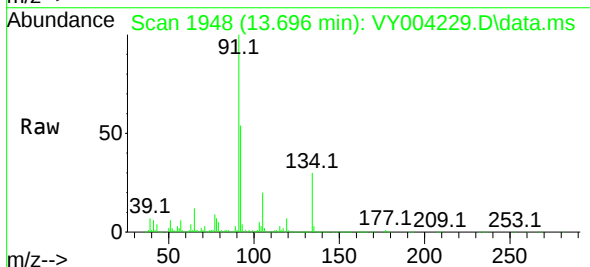
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

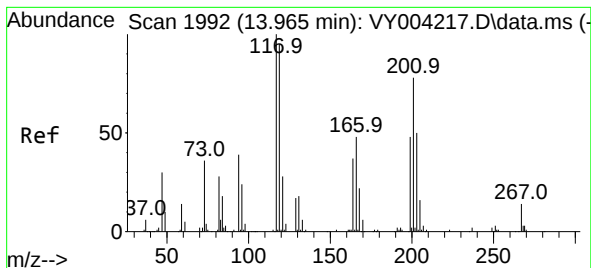
Tgt Ion:119 Resp: 342127
Ion Ratio Lower Upper
119 100
134 29.2 13.3 39.9
91 23.5 12.0 36.0



#89
n-Butylbenzene
Concen: 124.36 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 91 Resp: 1668866
Ion Ratio Lower Upper
91 100
92 43.5 26.5 79.4
134 0.0 13.6 40.7#

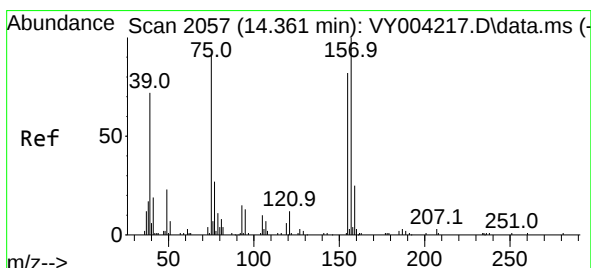
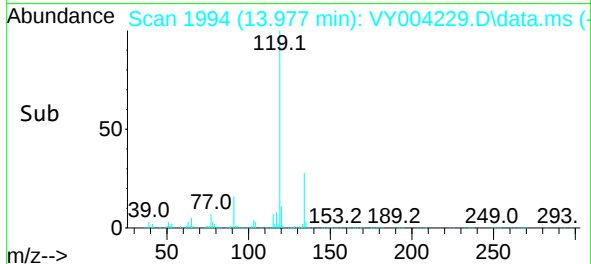
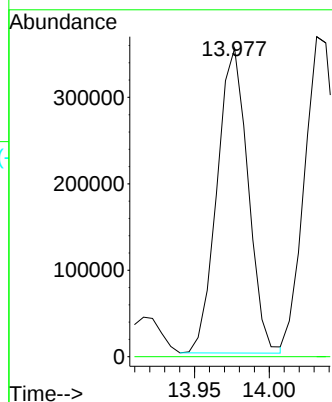
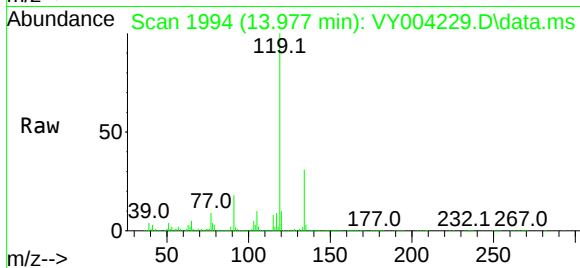




#90
Hexachloroethane
Concen: 342.70 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

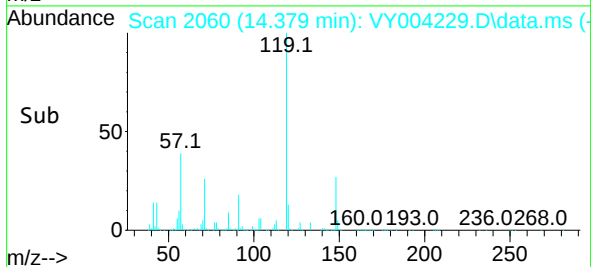
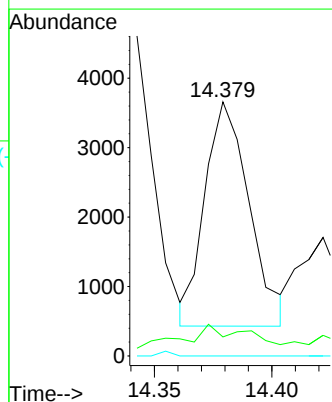
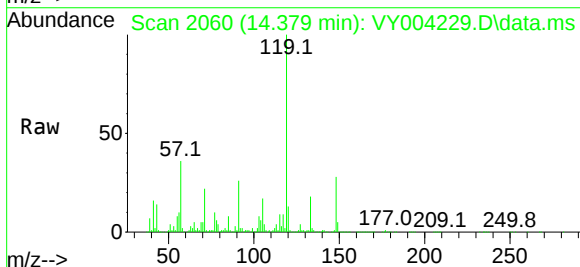
Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

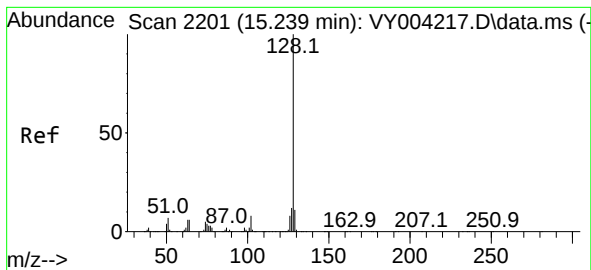
Tgt Ion:117 Resp: 508580
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.61 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.018 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Tgt Ion: 75 Resp: 4248
Ion Ratio Lower Upper
75 100
155 14.1 46.3 138.8#
157 0.0 58.3 174.9#





#95
Naphthalene
Concen: 387.87 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004229.D
Acq: 30 Mar 2021 12:55

Instrument :
MSVOA_Y
ClientSampleId :
B5-8-10

Tgt Ion:128 Resp: 3706464
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 11.0 8.9 13.3

