

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004014.D
 Acq On : 11 Feb 2021 20:16
 Operator : SY/MD
 Sample : M1398-02
 Misc : 6.58g/5mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 00:13:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	191596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	305221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	171148	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.404	152	201574	50.00	ug/l	#-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.149	65	115224	54.69	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.38%	
35) Dibromofluoromethane	7.728	113	99948	56.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.02%	
50) Toluene-d8	10.185	98	1748308	249.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 499.28%#	
62) 4-Bromofluorobenzene	12.483	95	931479	364.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 729.76%#	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.960	59	211	Below Cal	#	77
15) Acrylonitrile	5.259	53	1435	2.61	ug/l #	27
16) Acetone	3.960	43	53770	103.97	ug/l	97
17) Carbon Disulfide	4.204	76	31892	5.61	ug/l	96
20) Methylene Chloride	4.723	84	10779	4.91	ug/l	90
25) 2-Butanone	6.997	43	14352	19.48	ug/l #	85
29) Tetrahydrofuran	7.356	42	9285	19.77	ug/l	95
31) Cyclohexane	7.789	56	571433	161.53	ug/l	92
36) 1,1-Dichloropropene	7.795	75	14409	4.67	ug/l #	63
37) Ethyl Acetate	6.997	43	14352	8.22	ug/l #	71
38) Carbon Tetrachloride	7.795	117	18390	5.51	ug/l #	14
39) Methylcyclohexane	9.191	83	8708456	2366.74	ug/l	97
40) Benzene	8.167	78	75913	8.90	ug/l	94
41) Methacrylonitrile	7.362	41	6196	5.38	ug/l #	44
43) Isopropyl Acetate	8.277	43	233402	68.72	ug/l #	56
45) 1,2-Dichloropropane	9.191	63	90370	42.78	ug/l #	1
47) Bromodichloromethane	9.472	83	154345	49.44	ug/l #	52
48) Methyl methacrylate	9.246	41	562772	339.14	ug/l #	33
49) 1,4-Dioxane	9.210	88	38	2.96	ug/l #	20
51) 4-Methyl-2-Pentanone	9.972	43	6018011	3469.01	ug/l #	44
52) Toluene	10.246	92	32018	5.94	ug/l #	73
53) t-1,3-Dichloropropene	10.526	75	4725	1.44	ug/l #	1
55) 1,1,2-Trichloroethane	10.624	97	7452686	4454.37	ug/l #	19
56) Ethyl methacrylate	10.496	69	1174158	491.58	ug/l #	20
58) 2-Chloroethyl Vinyl ether	9.764	63	6327	5.84	ug/l #	47
59) 2-Hexanone	10.819	43	9914846	8153.72	ug/l #	33
60) Dibromochloromethane	10.923	129	34700	15.91	ug/l	60
61) 1,2-Dibromoethane	11.106	107	15816	9.45	ug/l #	3
65) Chlorobenzene	11.416	112	249349	71.87	ug/l #	46
67) Ethyl Benzene	11.599	91	7765108	1193.81	ug/l	94
68) m/p-Xylenes	11.709	106	4509784	1870.88	ug/l	93
69) o-Xylene	12.032	106	241931	107.88	ug/l	37
70) Styrene	12.032	104	17330	4.48	ug/l #	1
73) Isopropylbenzene	12.337	105	10713519	742.57	ug/l	93
74) N-amyl acetate	12.142	43	7740010	1824.99	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.569	83	669270	255.79	ug/l #	26

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

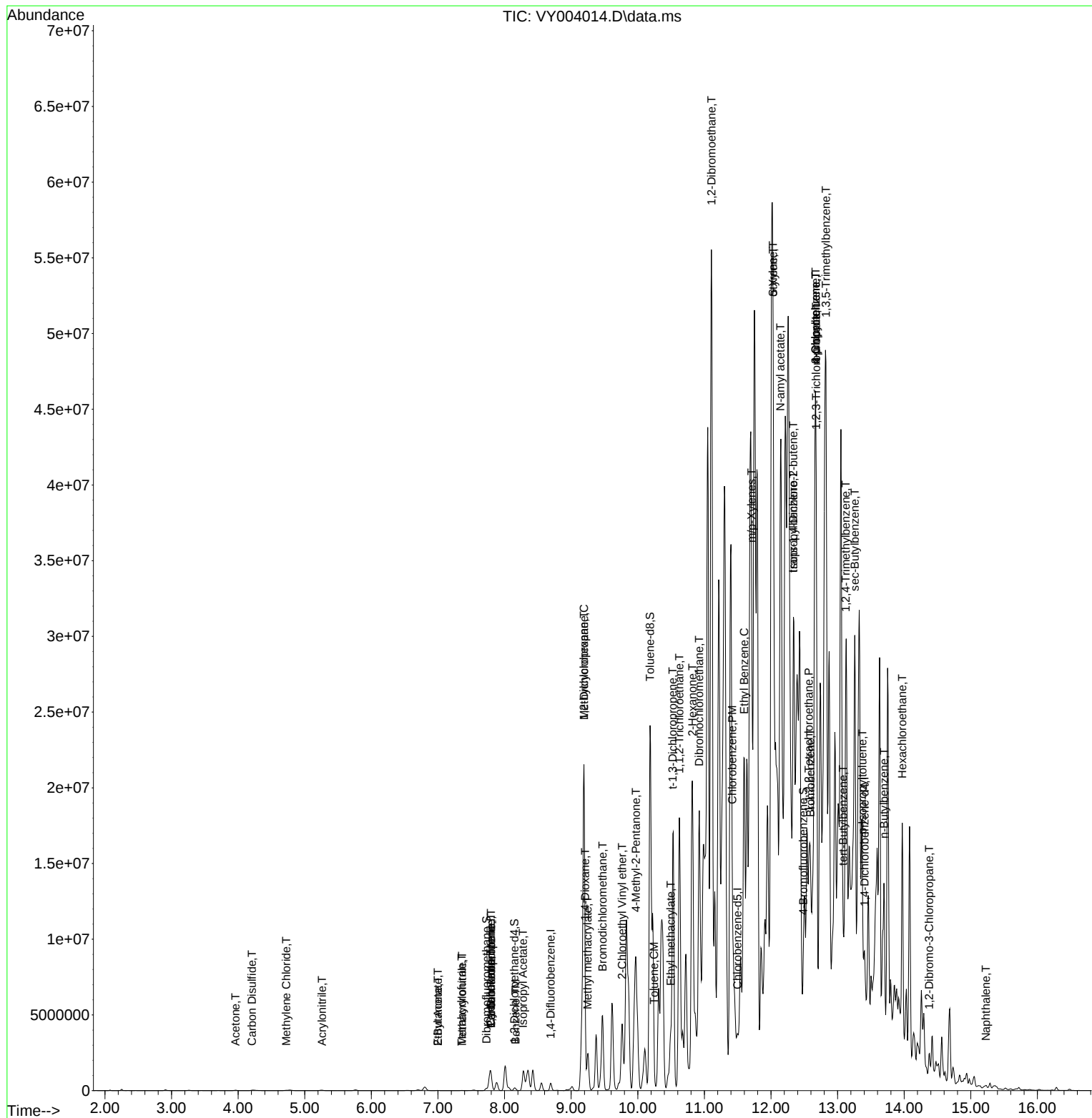
76) 1,2,3-Trichloropropane	12.678	75	137970	67.94	ug/l #	100
77) Bromobenzene	12.593	156	18973	5.31	ug/l #	1
78) n-propylbenzene	12.672	91	17811926	1037.58	ug/l #	70
79) 2-Chlorotoluene	12.672	91	17811926	1811.81	ug/l #	49
80) 1,3,5-Trimethylbenzene	12.825	105	2888205	233.27	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.337	75	115926	109.11	ug/l #	18
82) 4-Chlorotoluene	12.672	91	17811926	1712.99	ug/l #	48
83) tert-Butylbenzene	13.081	119	292466	28.41	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.123	105	9989214	804.89	ug/l	89
85) sec-Butylbenzene	13.258	105	10472013	734.11	ug/l	80
86) p-Isopropyltoluene	13.373	119	601204	45.18	ug/l	95
89) n-Butylbenzene	13.697	91	4466456	361.52	ug/l #	84
90) Hexachloroethane	13.971	117	631596	259.26	ug/l #	4
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3776	7.00	ug/l #	5
95) Naphthalene	15.227	128	153725	19.71	ug/l	98

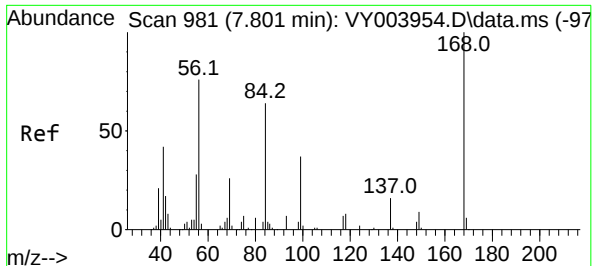
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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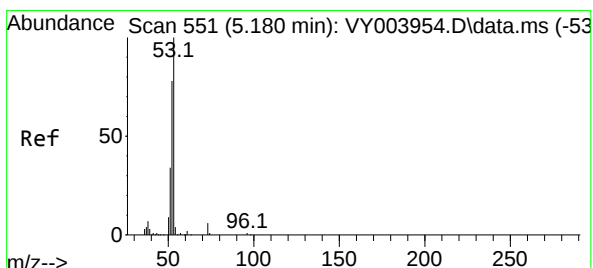
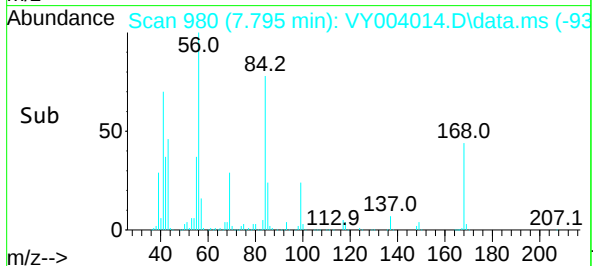
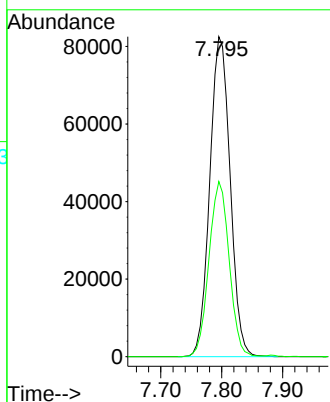
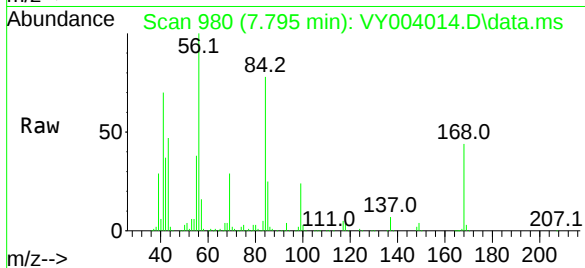




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

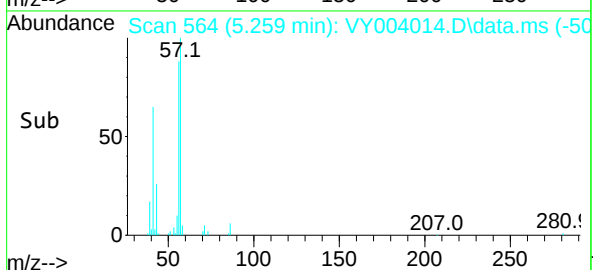
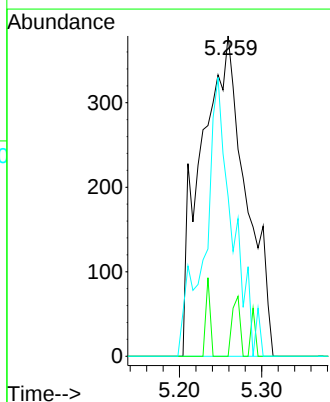
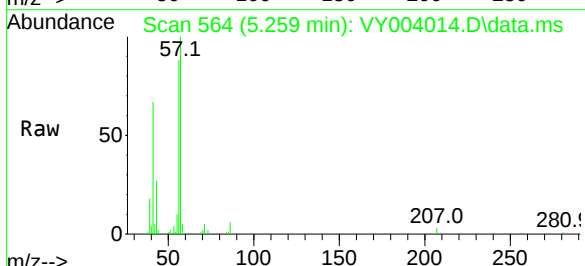
Instrument :
MSVOA_Y
ClientSampleId :

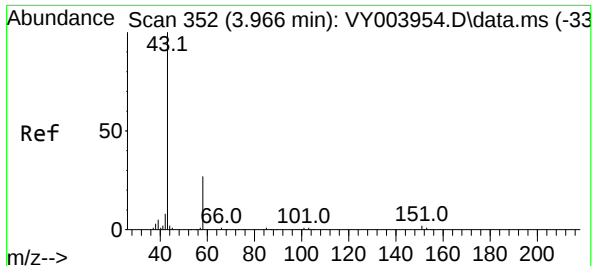
Tgt Ion:168 Resp: 191596
Ion Ratio Lower Upper
168 100
99 54.7 46.1 69.1



#15
Acrylonitrile
Concen: 2.61 ug/l
RT: 5.259 min Scan# 564
Delta R.T. 0.079 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 53 Resp: 1435
Ion Ratio Lower Upper
53 100
52 0.0 67.1 100.7#
51 53.9 29.3 43.9#

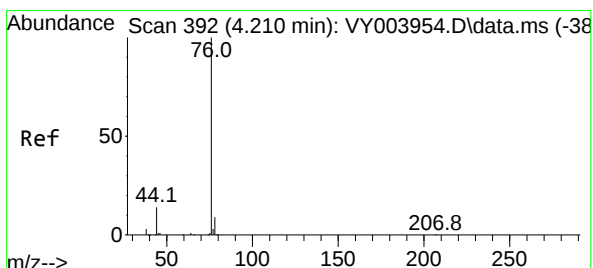
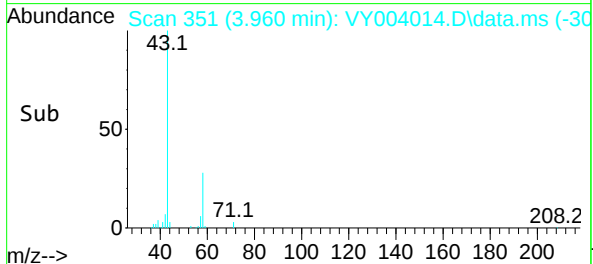
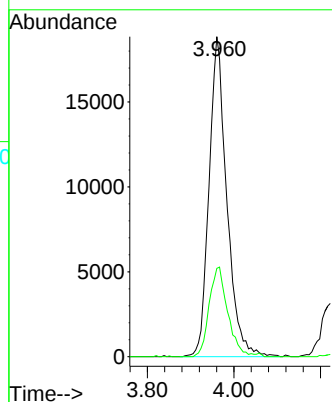
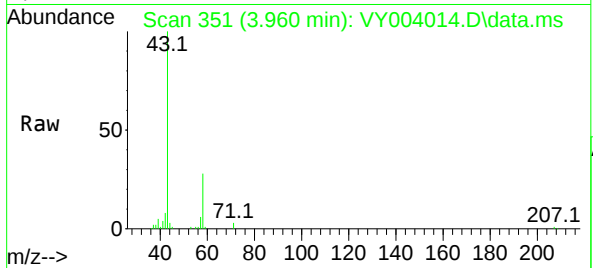




#16
Acetone
Concen: 103.97 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

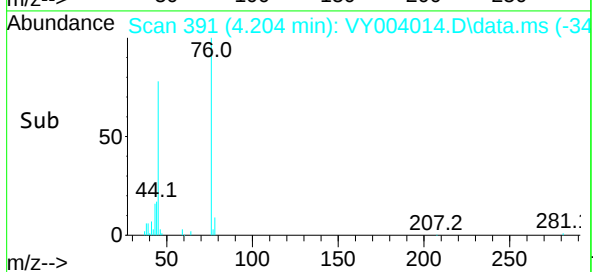
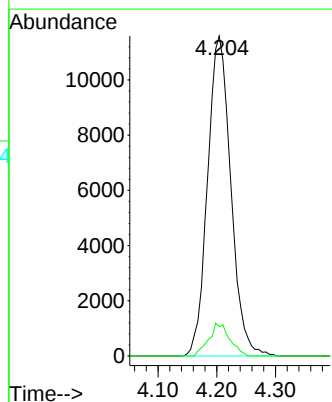
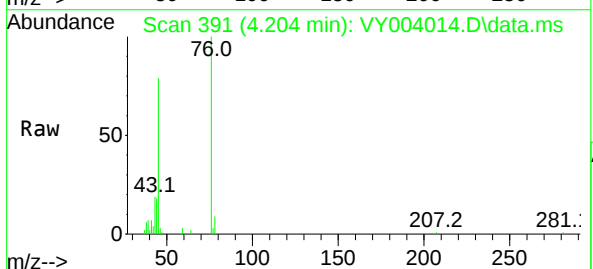
Instrument :
MSVOA_Y
ClientSampleId :

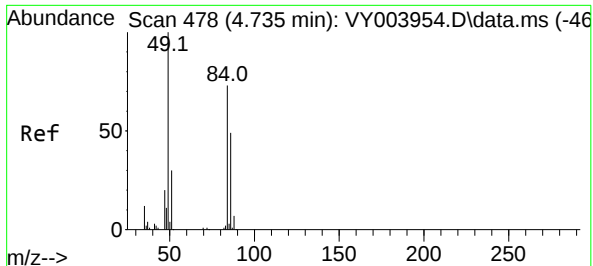
Tgt Ion: 43 Resp: 53770
Ion Ratio Lower Upper
43 100
58 27.6 23.4 35.0



#17
Carbon Disulfide
Concen: 5.61 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 76 Resp: 31892
Ion Ratio Lower Upper
76 100
78 9.2 6.3 9.5





#20

Methylene Chloride

Concen: 4.91 ug/l

RT: 4.723 min Scan# 476

Delta R.T. -0.012 min

Lab File: VY004014.D

Acq: 11 Feb 2021 20:16

Tgt Ion: 84 Resp: 10779

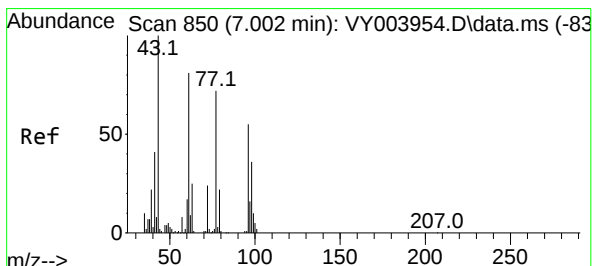
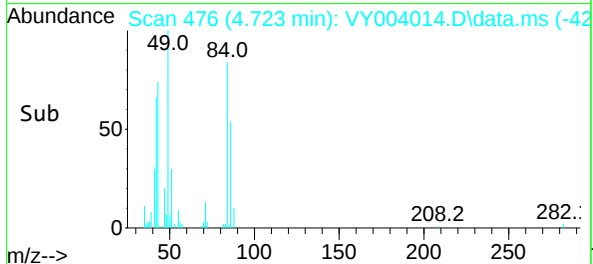
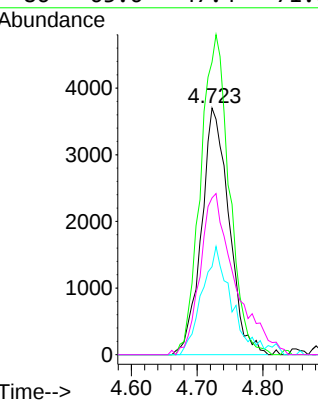
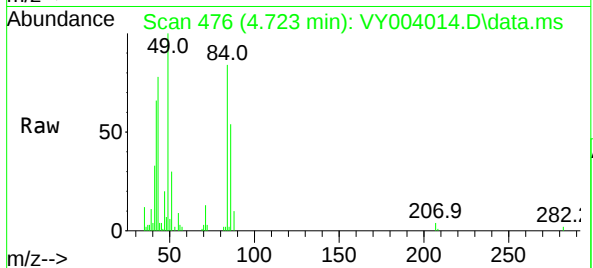
Ion Ratio Lower Upper

84 100

49 118.7 107.0 160.4

51 35.7 31.9 47.9

86 63.6 47.4 71.0



#25

2-Butanone

Concen: 19.48 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY004014.D

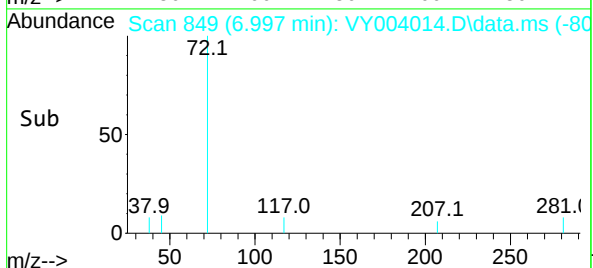
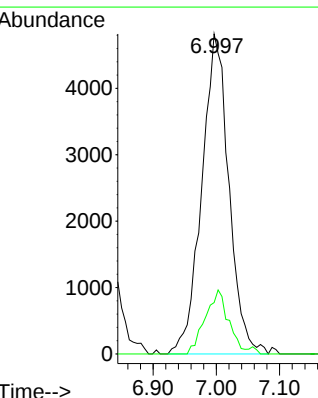
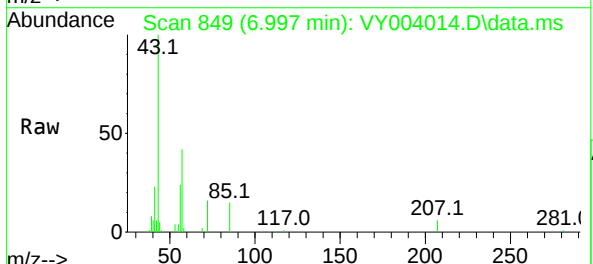
Acq: 11 Feb 2021 20:16

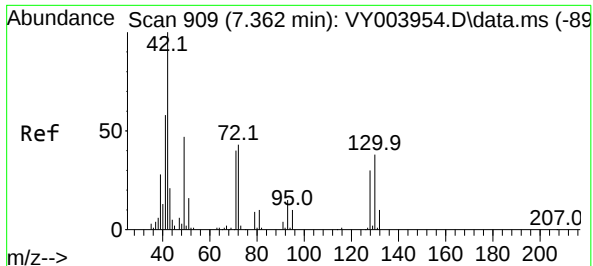
Tgt Ion: 43 Resp: 14352

Ion Ratio Lower Upper

43 100

72 16.0 18.5 27.7#





#29

Tetrahydrofuran

Concen: 19.77 ug/l

RT: 7.356 min Scan# 908

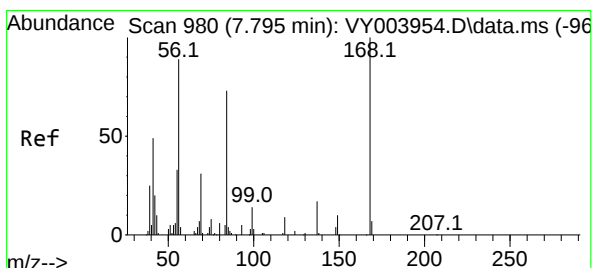
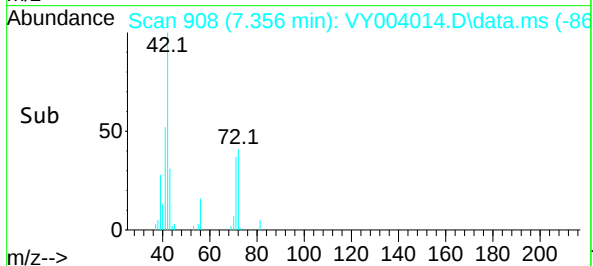
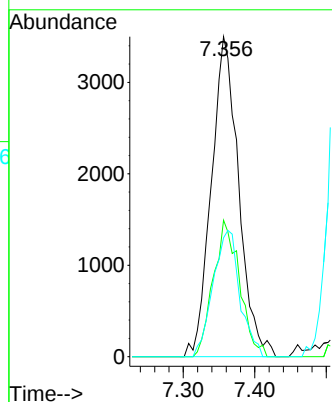
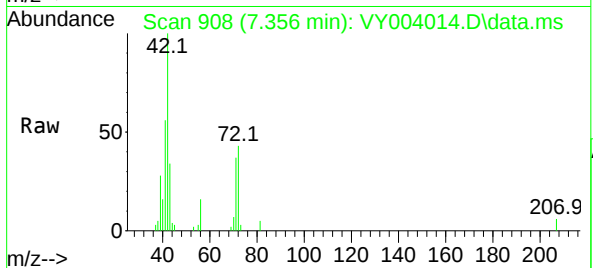
Delta R.T. -0.006 min

Lab File: VY004014.D

Acq: 11 Feb 2021 20:16

Tgt Ion: 42	Resp: 9285
Ion Ratio	Lower Upper
42	100
72	40.9 30.6 45.8
71	38.7 28.6 43.0

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MSVOA_Y
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#31

Cyclohexane

Concen: 161.53 ug/l

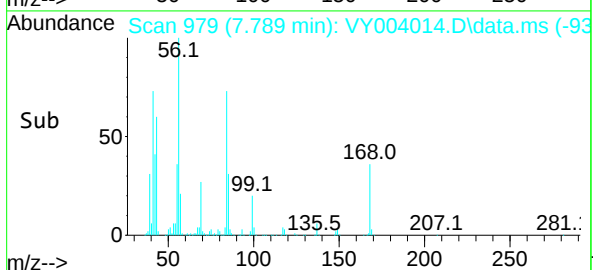
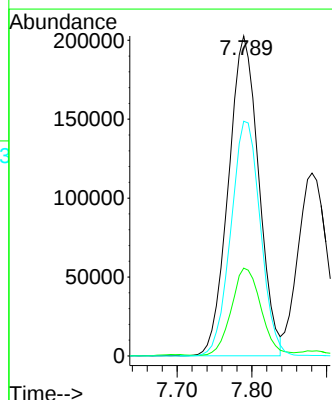
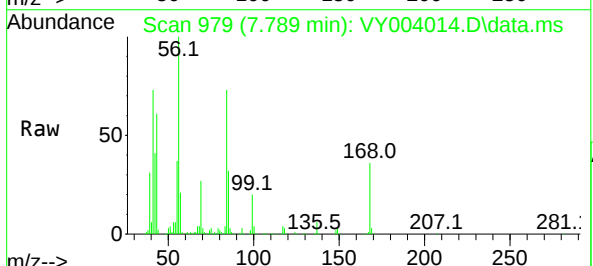
RT: 7.789 min Scan# 979

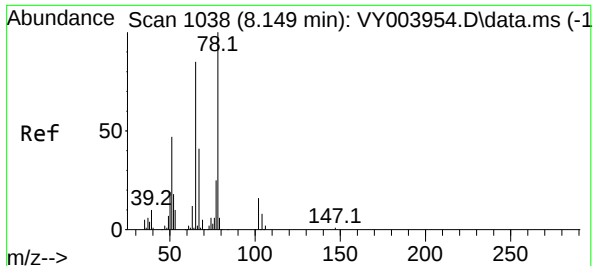
Delta R.T. -0.006 min

Lab File: VY004014.D

Acq: 11 Feb 2021 20:16

Tgt Ion: 56	Resp: 571433
Ion Ratio	Lower Upper
56	100
69	27.0 25.0 37.4
84	73.4 64.5 96.7

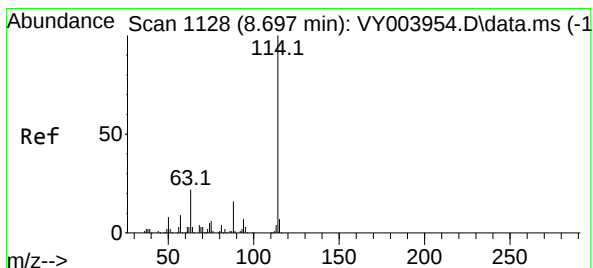
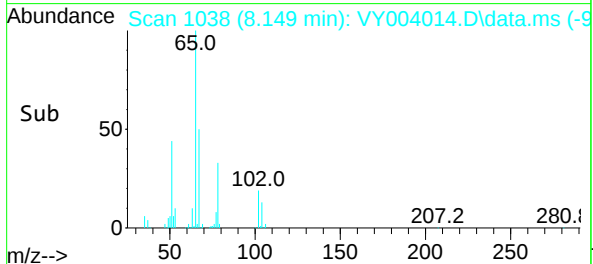
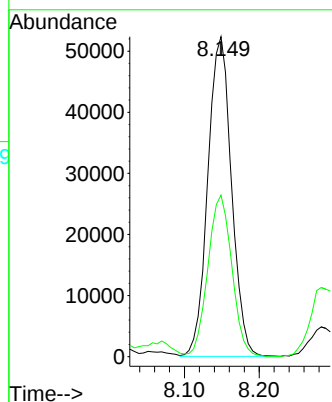
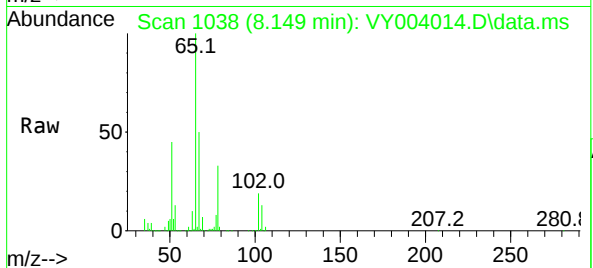




#33
1,2-Dichloroethane-d4
Concen: 54.69 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

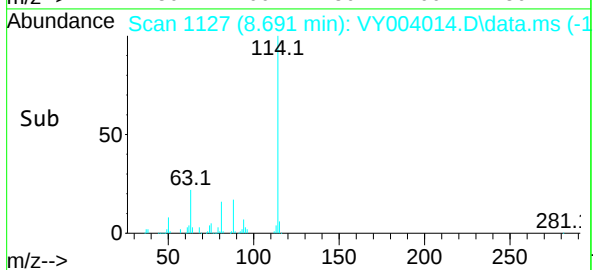
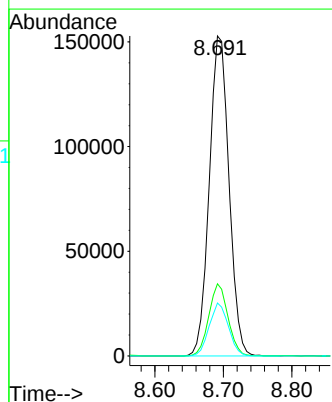
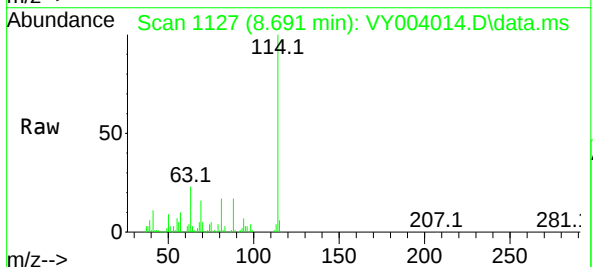
Instrument :
MSVOA_Y
ClientSampled :

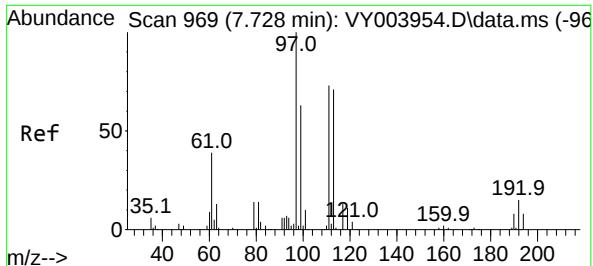
Tgt Ion: 65 Resp: 115224
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 114 Resp: 305221
Ion Ratio Lower Upper
114 100
63 22.5 0.0 47.2
88 16.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 56.01 ug/l

RT: 7.728 min Scan# 969

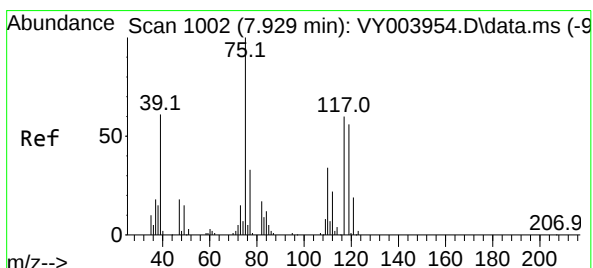
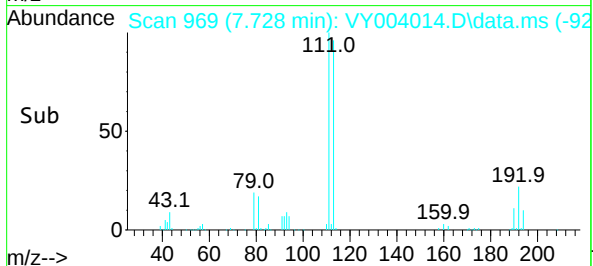
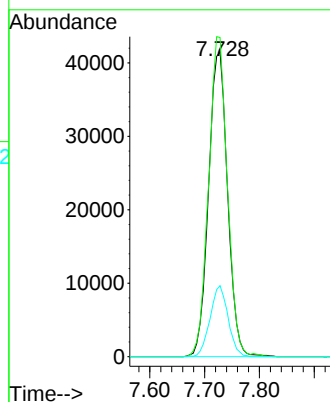
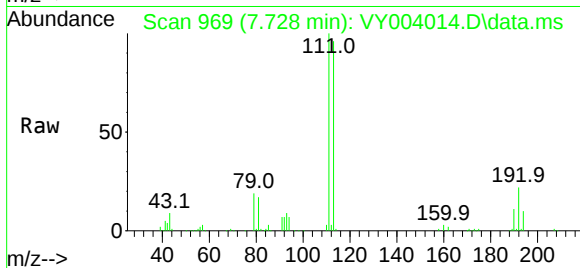
Delta R.T. 0.000 min

Lab File: VY004014.D

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Tgt Ion:	113	Resp:	99948
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	22.0	18.3	27.5

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ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.67 ug/l

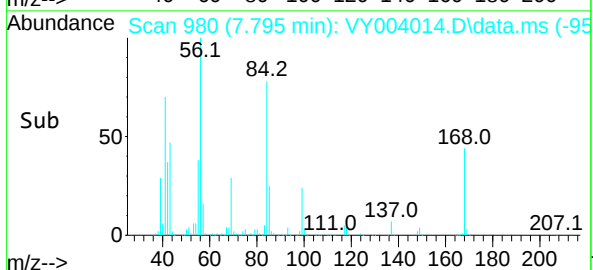
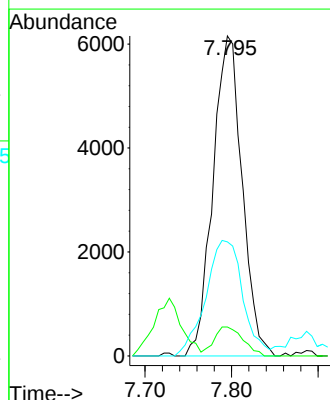
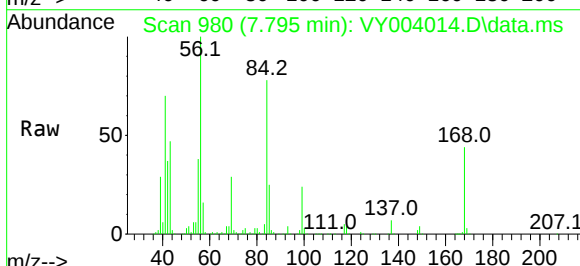
RT: 7.795 min Scan# 980

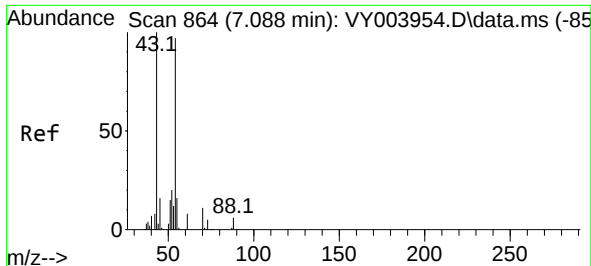
Delta R.T. -0.134 min

Lab File: VY004014.D

Acq: 11 Feb 2021 20:16

Tgt Ion:	75	Resp:	14409
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.9	53.8#
77	45.7	24.8	37.2#





#37

Ethyl Acetate

Concen: 8.22 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.091 min

Lab File: VY004014.D

Acq: 11 Feb 2021 20:16

Tgt Ion: 43 Resp: 14352

Ion Ratio Lower Upper

43 100

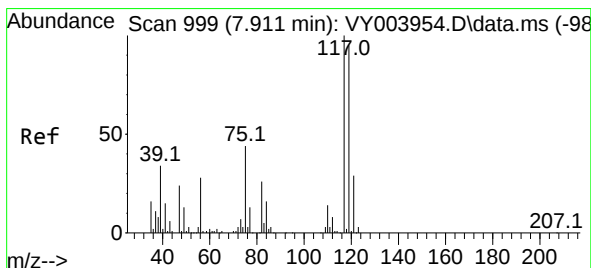
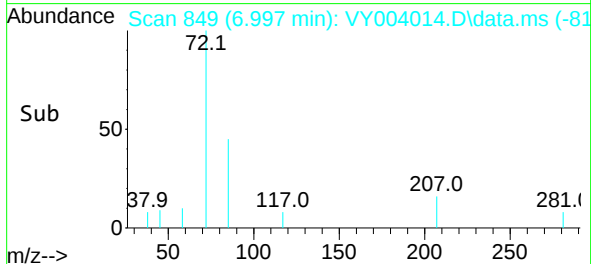
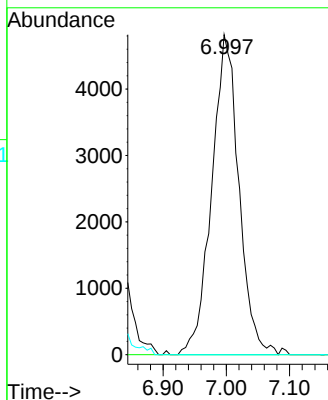
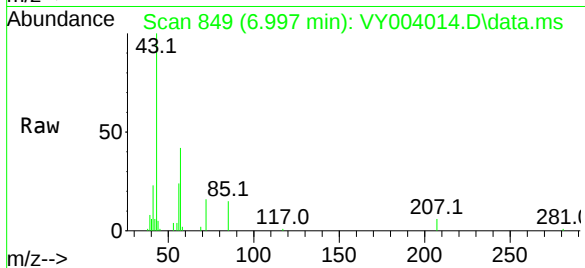
61 0.0 9.5 14.3#

70 0.0 7.7 11.5#

Instrument :

MSVOA_Y

ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.51 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY004014.D

Acq: 11 Feb 2021 20:16

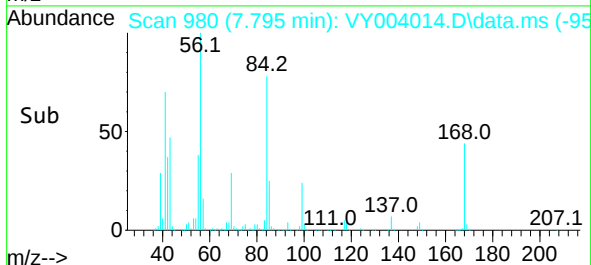
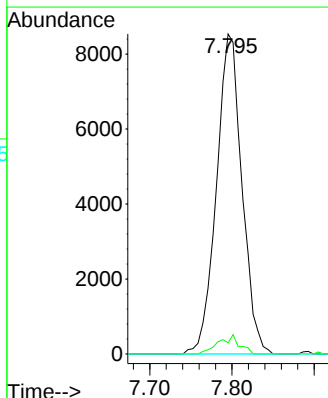
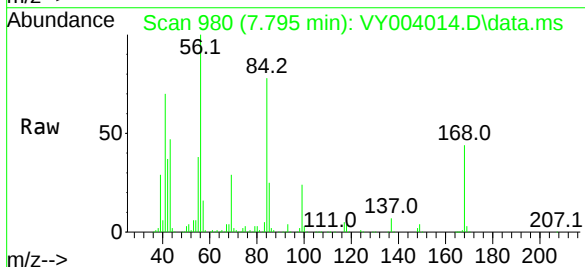
Tgt Ion: 117 Resp: 18390

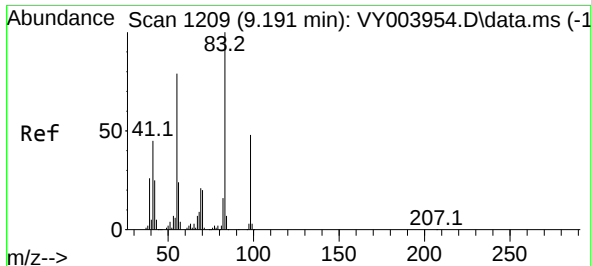
Ion Ratio Lower Upper

117 100

119 3.5 77.4 116.0#

121 0.0 26.1 39.1#

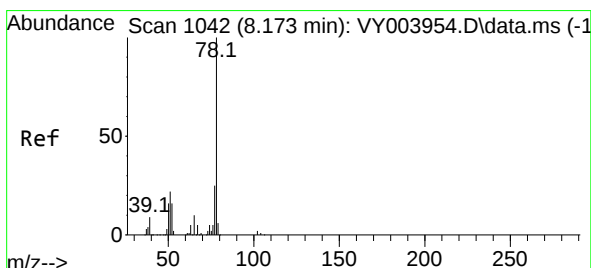
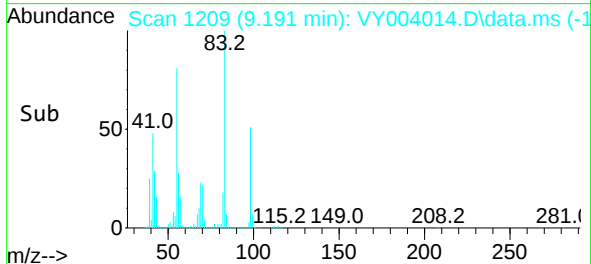
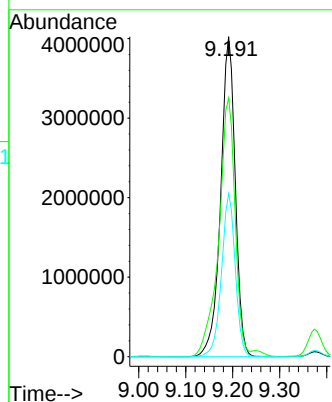
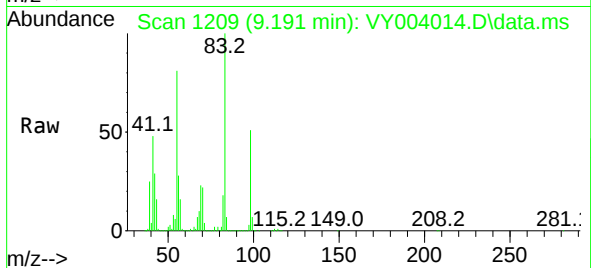




#39
Methylcyclohexane
Concen: 2366.74 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

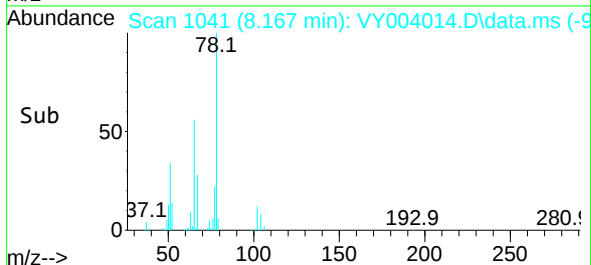
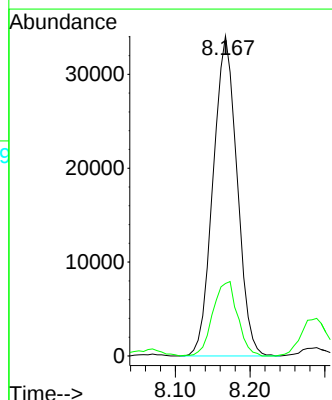
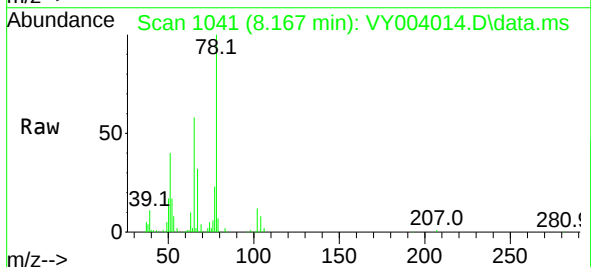
Instrument :
MSVOA_Y
ClientSampled :

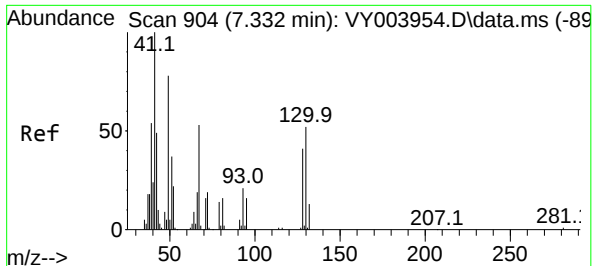
Tgt Ion: 83 Resp: 8708456
Ion Ratio Lower Upper
83 100
55 80.8 65.8 98.6
98 51.0 38.3 57.5



#40
Benzene
Concen: 8.90 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 78 Resp: 75913
Ion Ratio Lower Upper
78 100
77 22.7 20.4 30.6

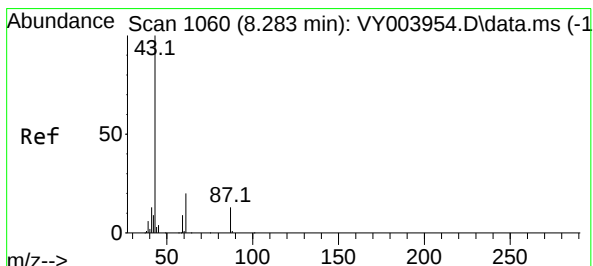
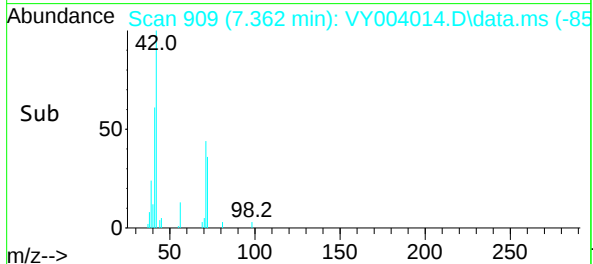
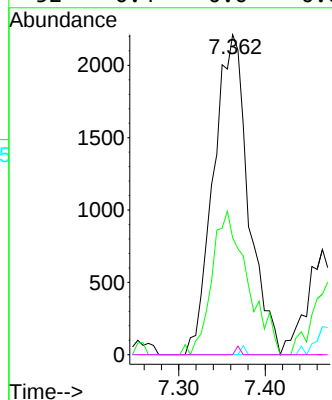
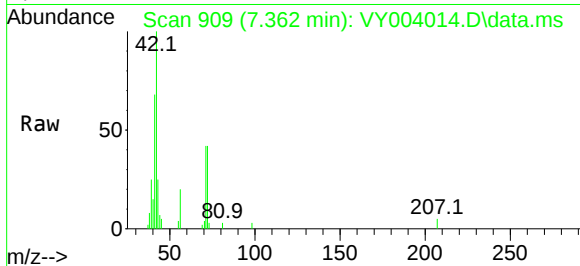




#41
Methacrylonitrile
Concen: 5.38 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.030 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

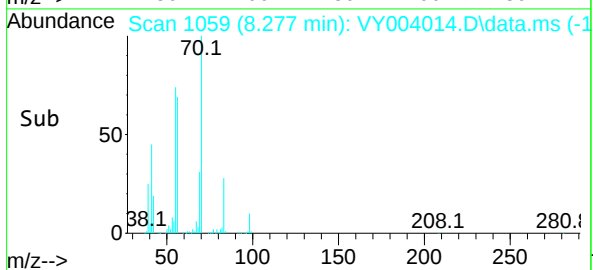
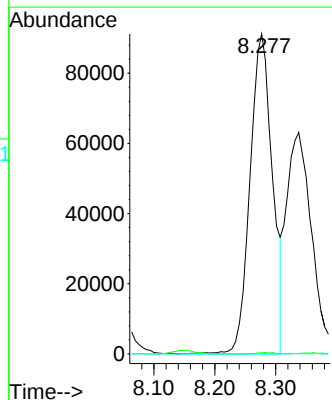
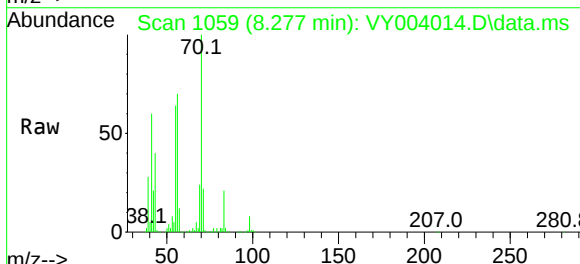
Instrument :
MSVOA_Y
ClientSampleId :

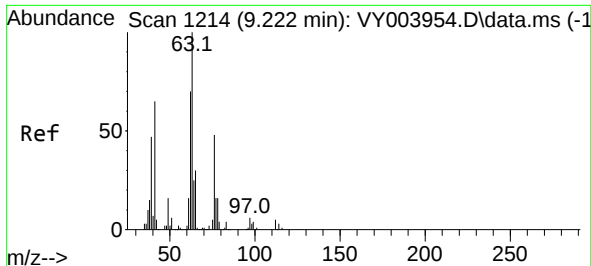
Tgt Ion: 41	Resp: 6196
Ion Ratio	Lower Upper
41 100	
39 46.0	82.6 124.0#
67 0.0	0.0 0.0
52 0.4	0.0 0.0#



#43
Isopropyl Acetate
Concen: 68.72 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 43	Resp: 233402
Ion Ratio	Lower Upper
43 100	
61 0.4	21.1 31.7#
87 0.0	9.1 13.7#

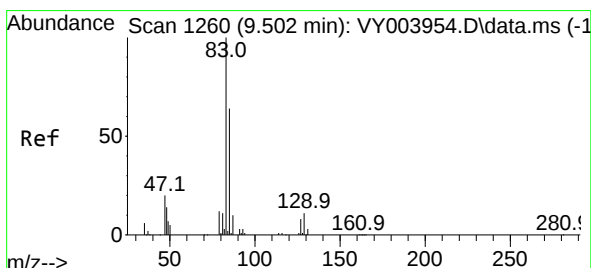
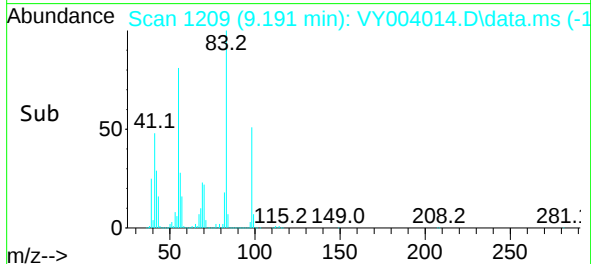
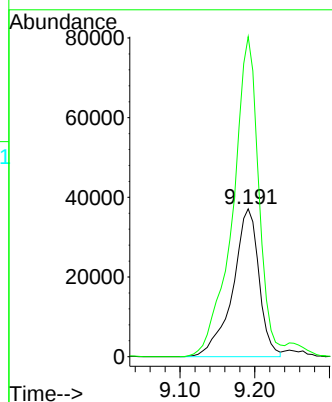
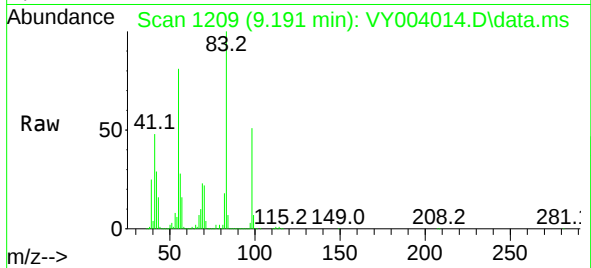




#45
1,2-Dichloropropane
Concen: 42.78 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.030 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

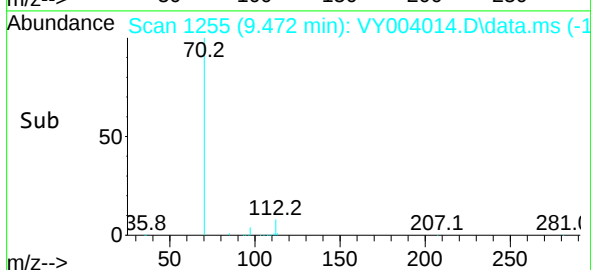
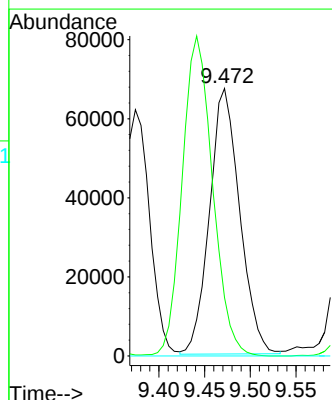
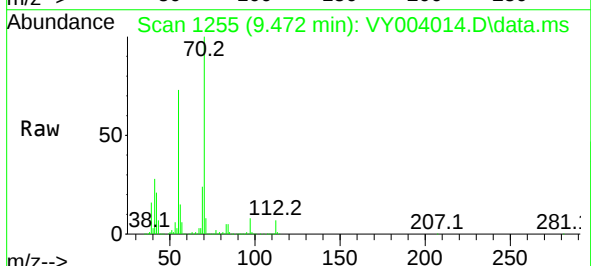
Instrument :
MSVOA_Y
ClientSampled :

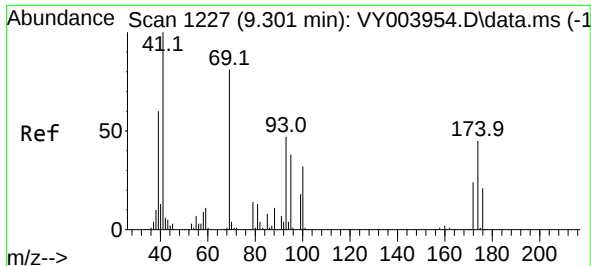
Tgt Ion: 63 Resp: 90370
Ion Ratio Lower Upper
63 100
65 216.4 24.4 36.6#



#47
Bromodichloromethane
Concen: 49.44 ug/l
RT: 9.472 min Scan# 1255
Delta R.T. -0.030 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 83 Resp: 154345
Ion Ratio Lower Upper
83 100
85 22.2 49.2 73.8#
127 0.0 6.7 10.1#

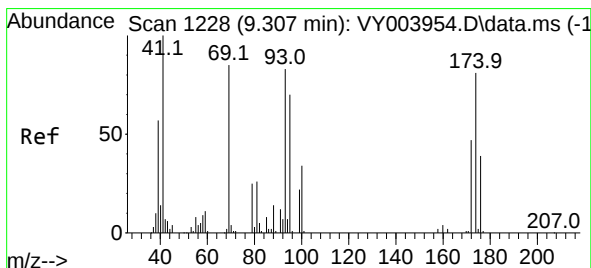
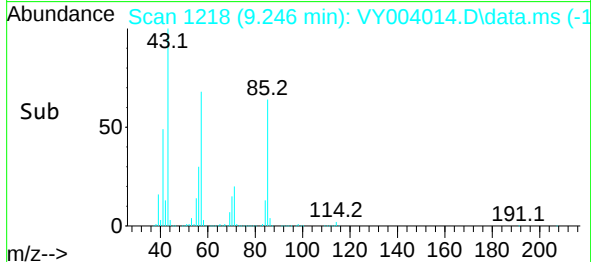
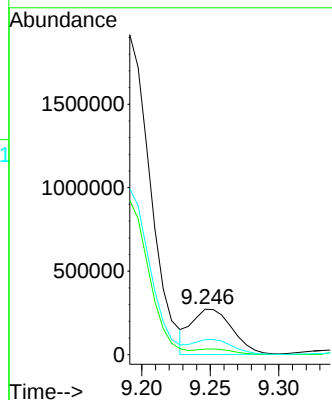
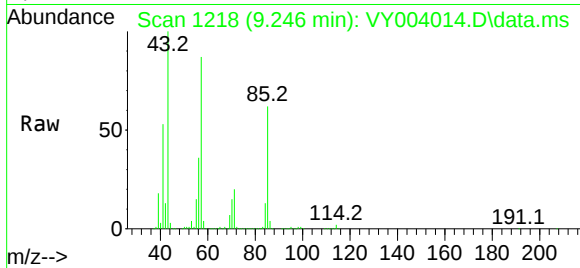




#48
Methyl methacrylate
Concen: 339.14 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.055 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

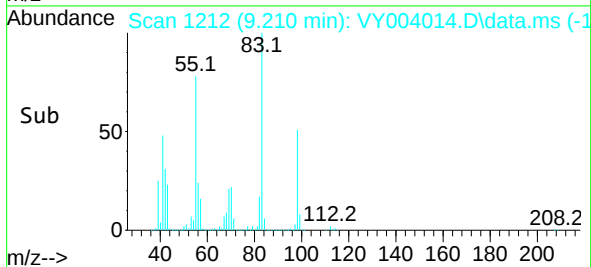
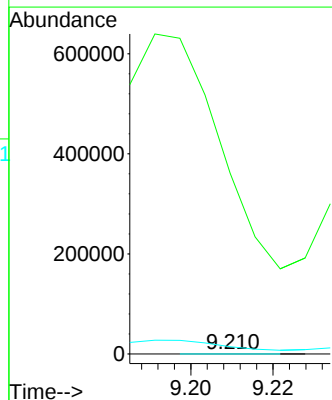
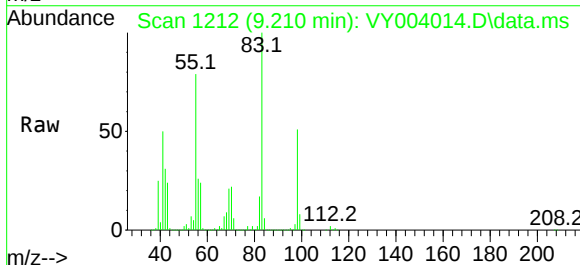
Instrument :
MSVOA_Y
ClientSampleId :

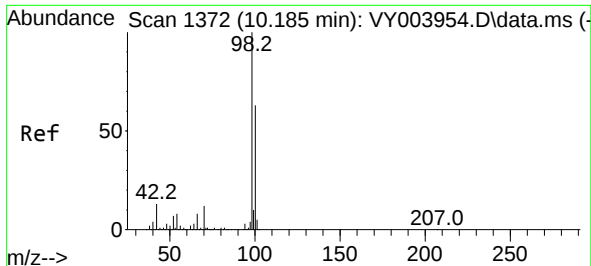
Tgt Ion: 41 Resp: 562772
Ion Ratio Lower Upper
41 100
69 0.0 60.8 91.2#
39 29.5 48.2 72.2#



#49
1,4-Dioxane
Concen: 2.96 ug/l
RT: 9.210 min Scan# 1212
Delta R.T. -0.097 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 88 Resp: 38
Ion Ratio Lower Upper
88 100
43 0.0 32.6 48.8#
58 0.0 60.2 90.4#

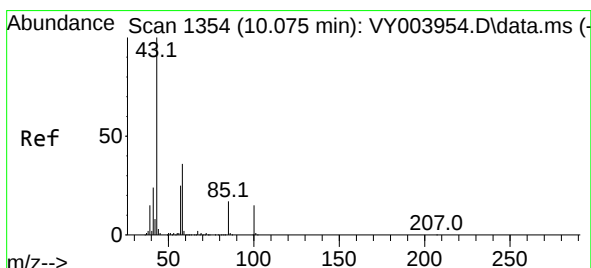
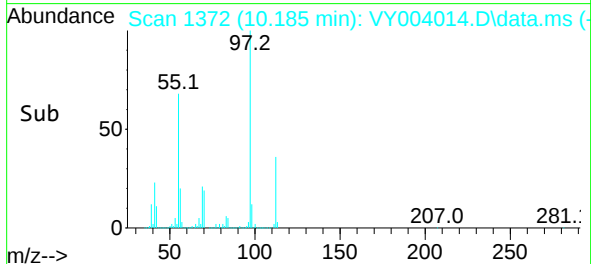
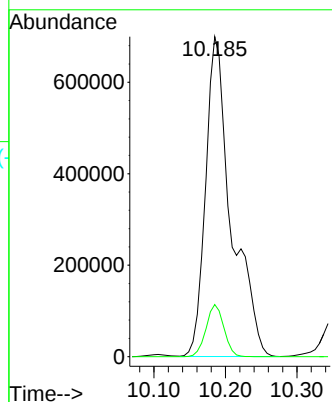
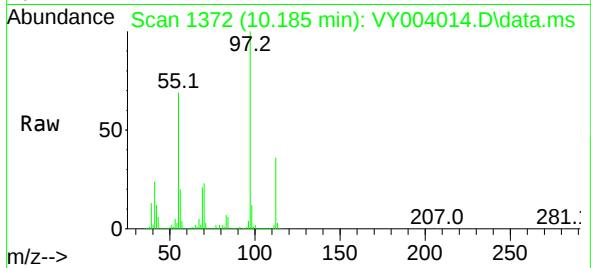




#50
Toluene-d8
Concen: 249.64 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

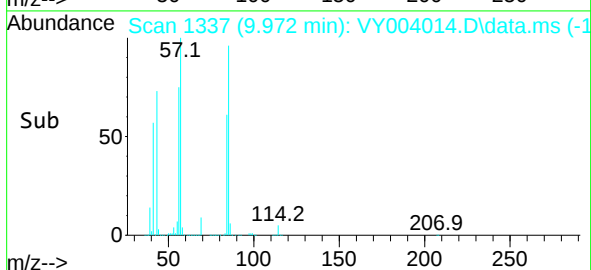
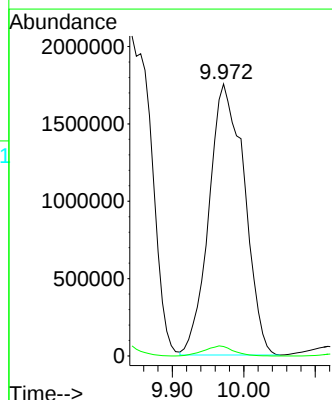
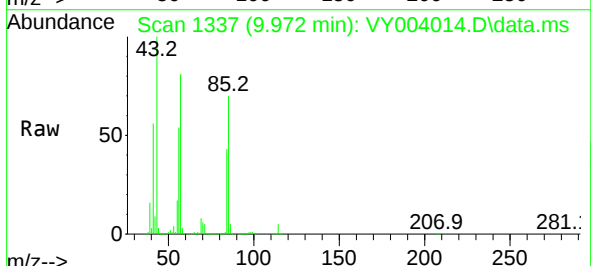
Instrument :
MSVOA_Y
ClientSampleId :

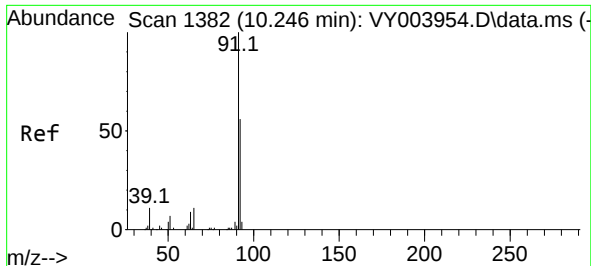
Tgt Ion: 98 Resp: 1748308
Ion Ratio Lower Upper
98 100
100 11.3 50.5 75.7#



#51
4-Methyl-2-Pentanone
Concen: 3469.01 ug/l
RT: 9.972 min Scan# 1337
Delta R.T. -0.103 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 43 Resp: 6018011
Ion Ratio Lower Upper
43 100
58 3.1 28.6 42.8#

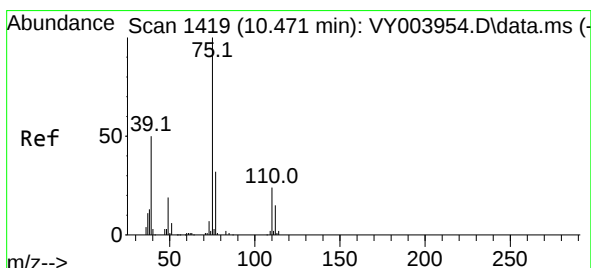
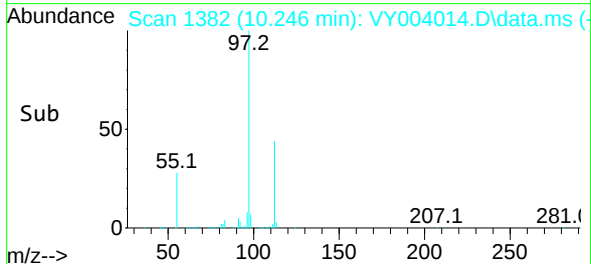
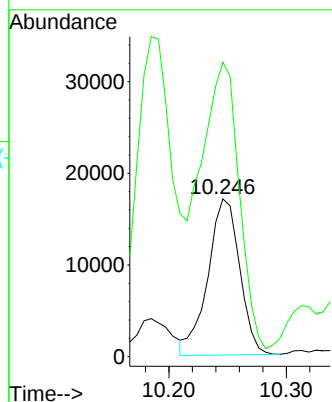
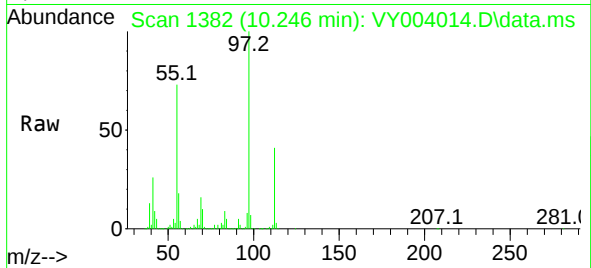




#52
Toluene
Concen: 5.94 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

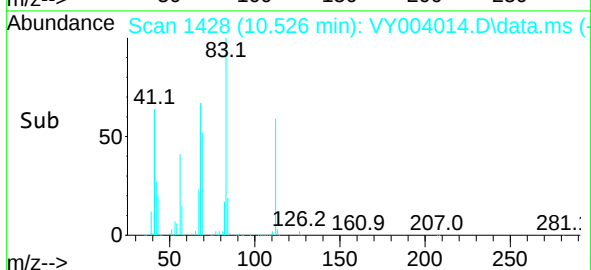
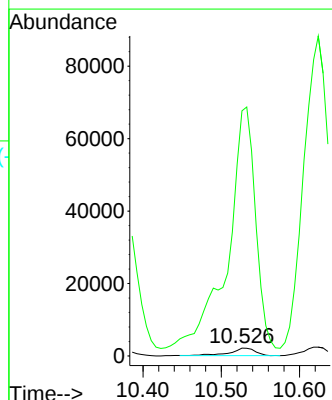
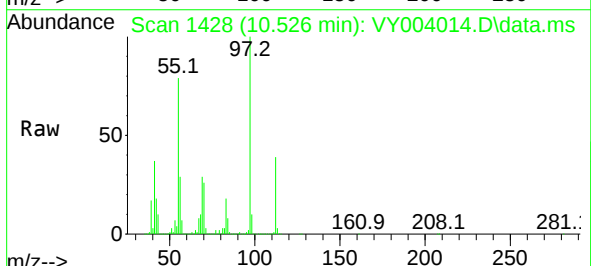
Instrument :
MSVOA_Y
ClientSampled :

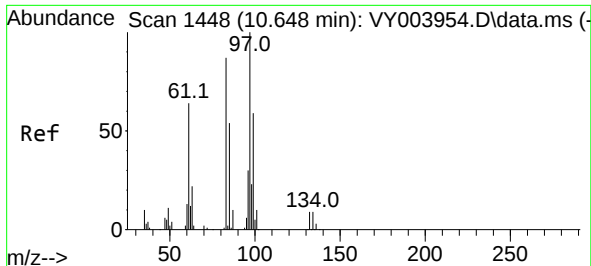
Tgt Ion: 92 Resp: 32018
Ion Ratio Lower Upper
92 100
91 216.4 142.7 214.1#



#53
t-1,3-Dichloropropene
Concen: 1.44 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.055 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

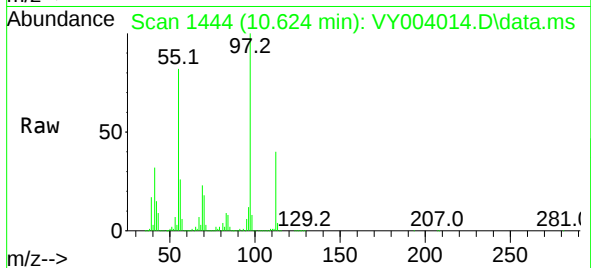
Tgt Ion: 75 Resp: 4725
Ion Ratio Lower Upper
75 100
77 3162.3 25.2 37.8#





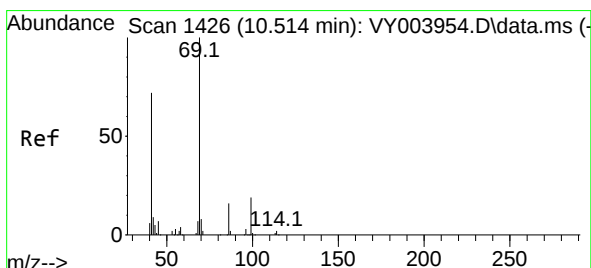
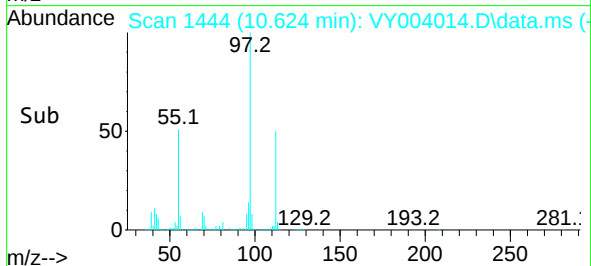
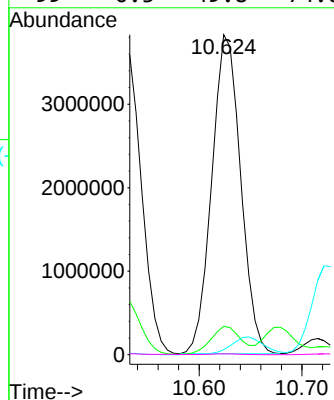
#55
1,1,2-Trichloroethane
Concen: 4454.37 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 97 Resp: 7452686

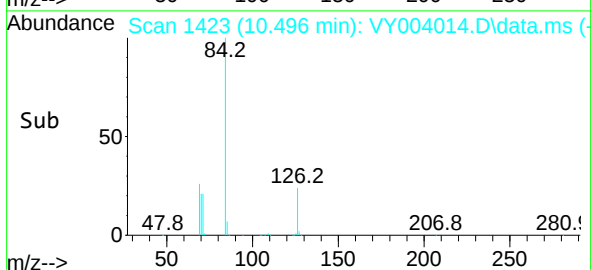
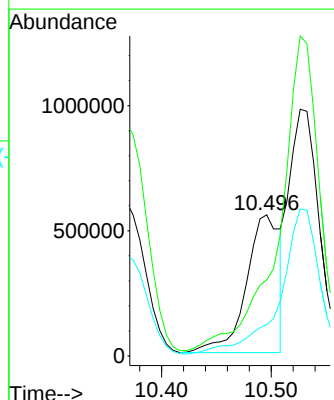
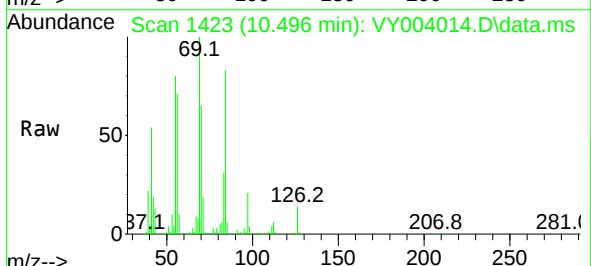
Ion	Ratio	Lower	Upper
97	100		
83	8.8	70.6	106.0#
85	1.6	45.8	68.8#
99	0.3	49.8	74.6#

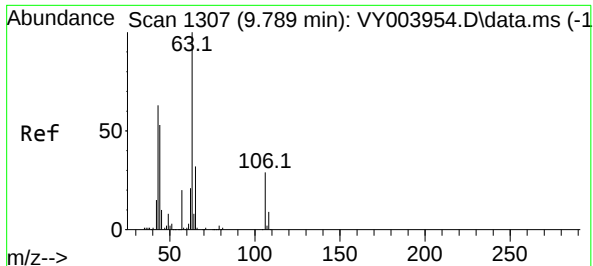


#56
Ethyl methacrylate
Concen: 491.58 ug/l
RT: 10.496 min Scan# 1423
Delta R.T. -0.018 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 69 Resp: 1174158

Ion	Ratio	Lower	Upper
69	100		
41	0.0	59.6	89.4#
39	0.0	31.9	47.9#

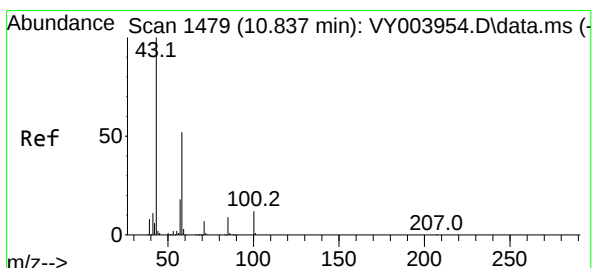
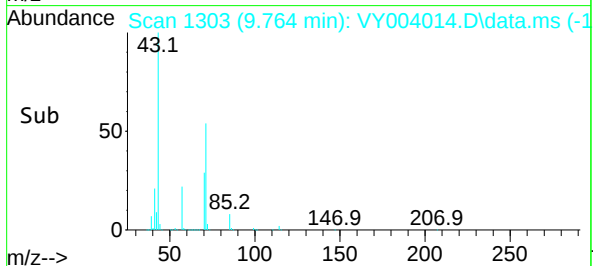
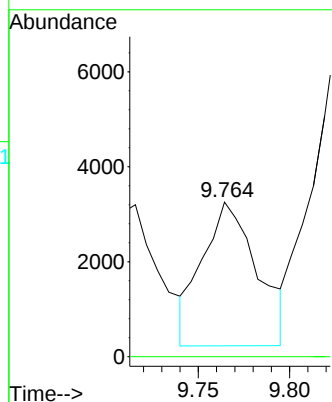
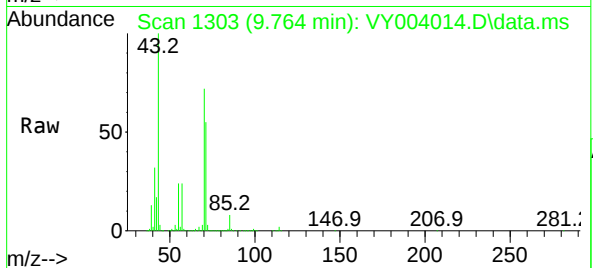




#58
2-Chloroethyl Vinyl ether
Concen: 5.84 ug/l
RT: 9.764 min Scan# 1303
Delta R.T. -0.024 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

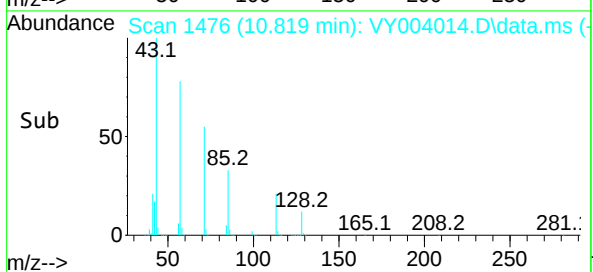
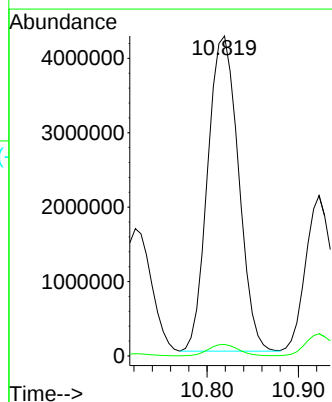
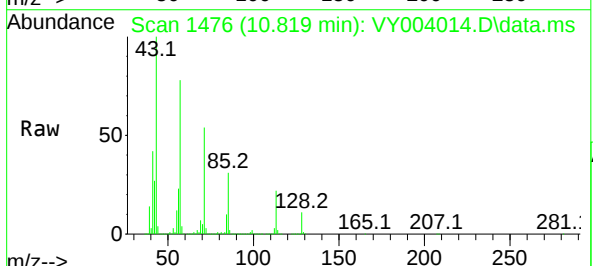
Instrument :
MSVOA_Y
ClientSampleId :

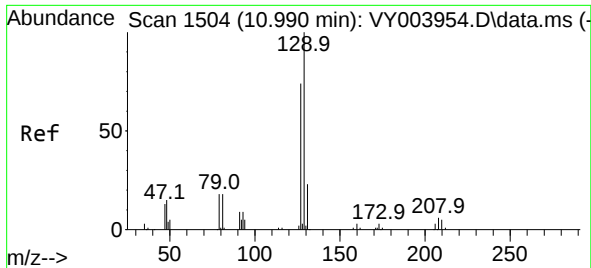
Tgt Ion: 63 Resp: 6327
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#



#59
2-Hexanone
Concen: 8153.72 ug/l
RT: 10.819 min Scan# 1476
Delta R.T. -0.018 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 43 Resp: 9914846
Ion Ratio Lower Upper
43 100
58 3.5 24.8 74.4#

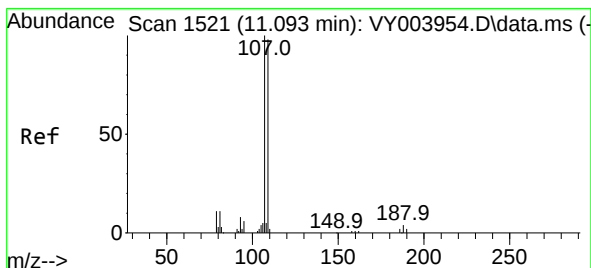
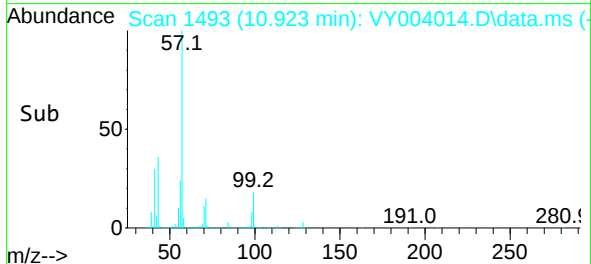
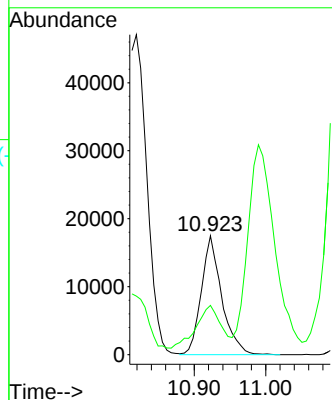
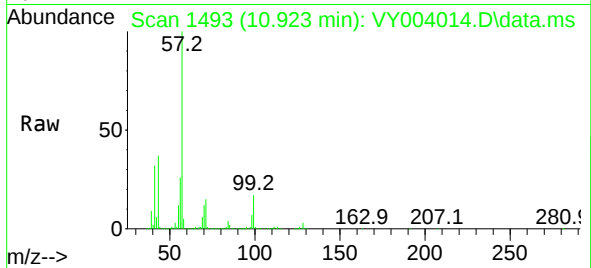




#60
Dibromochloromethane
Concen: 15.91 ug/l
RT: 10.923 min Scan# 1493
Delta R.T. -0.067 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

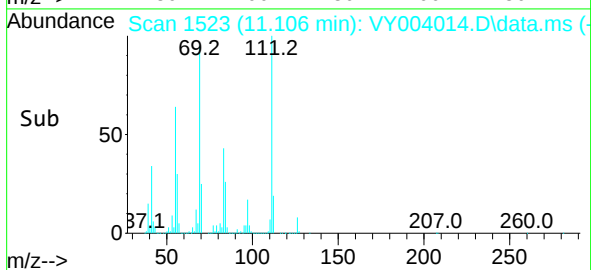
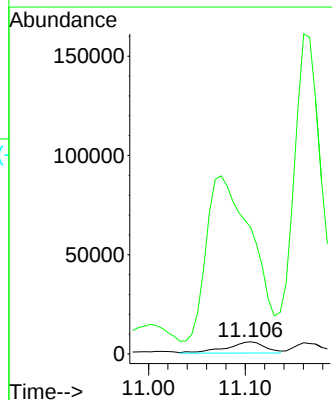
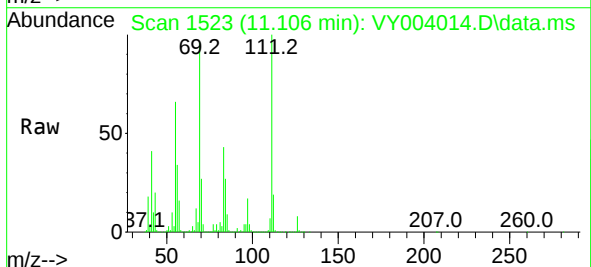
Instrument :
MSVOA_Y
ClientSampleId :

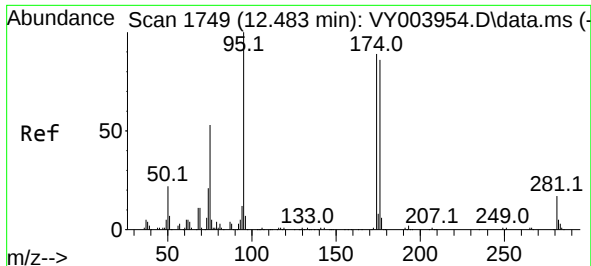
Tgt Ion:129 Resp: 34700
Ion Ratio Lower Upper
129 100
127 43.5 39.1 117.3



#61
1,2-Dibromoethane
Concen: 9.45 ug/l
RT: 11.106 min Scan# 1523
Delta R.T. 0.012 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion:107 Resp: 15816
Ion Ratio Lower Upper
107 100
109 0.0 74.0 111.0#

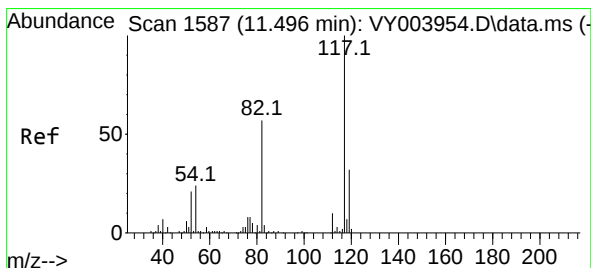
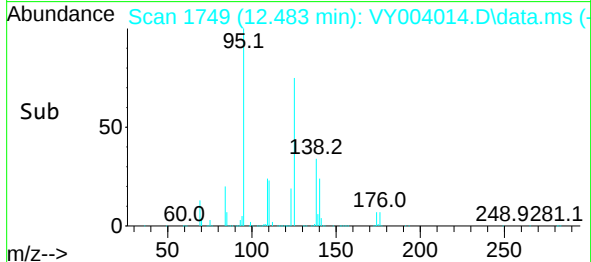
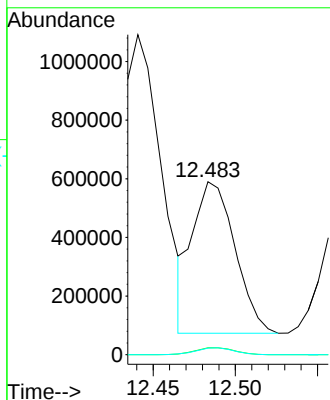
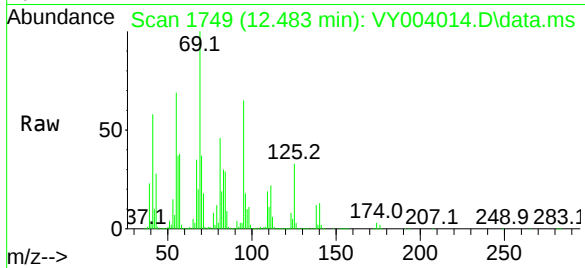




#62
4-Bromofluorobenzene
Concen: 364.88 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

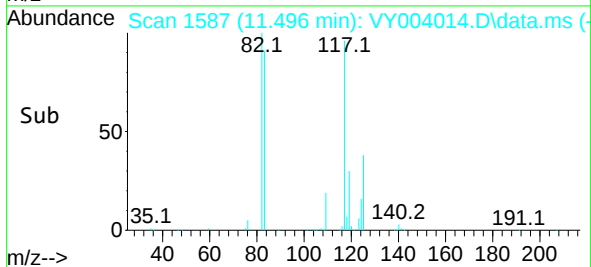
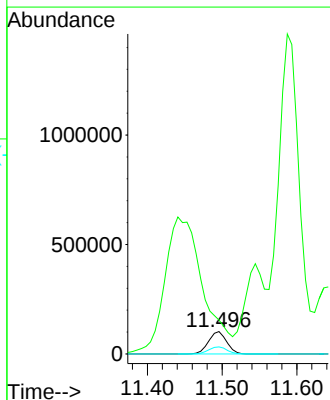
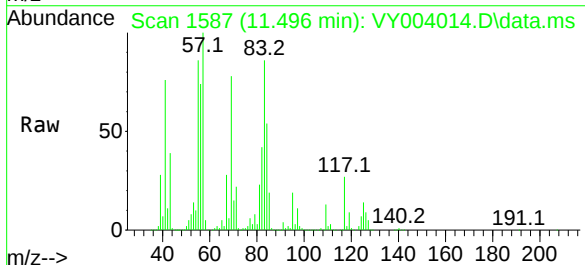
Instrument :
MSVOA_Y
ClientSampleId :

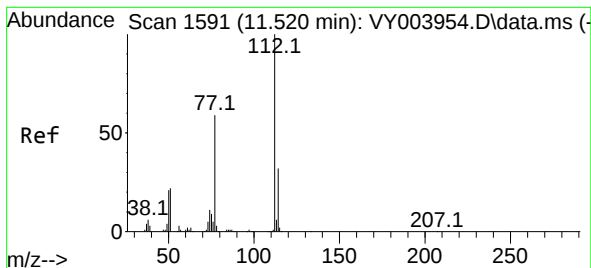
Tgt Ion: 95 Resp: 931479
Ion Ratio Lower Upper
95 100
174 4.3 0.0 184.4
176 4.1 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 117 Resp: 171148
Ion Ratio Lower Upper
117 100
82 0.0 44.3 66.5#
119 31.8 25.0 37.6

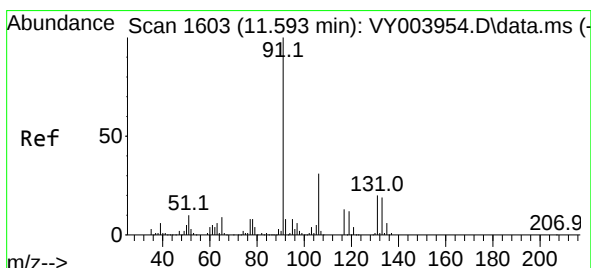
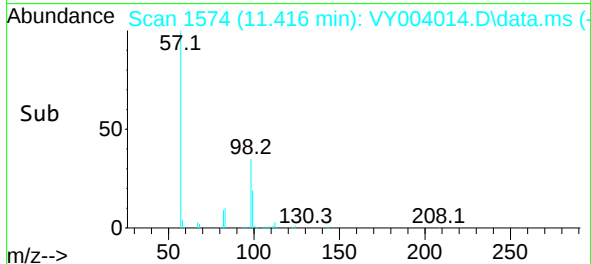
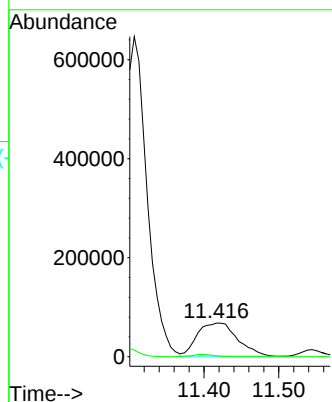
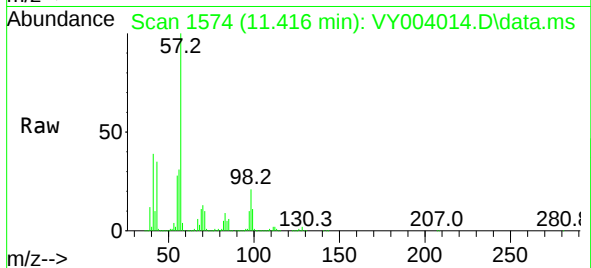




#65
Chlorobenzene
Concen: 71.87 ug/l
RT: 11.416 min Scan# 1574
Delta R.T. -0.103 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

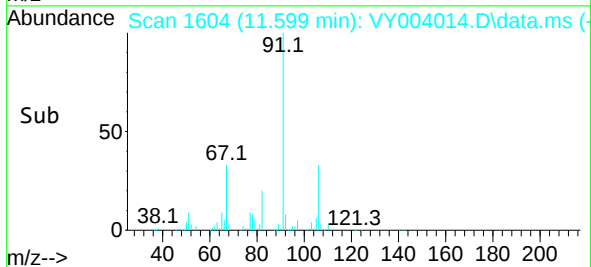
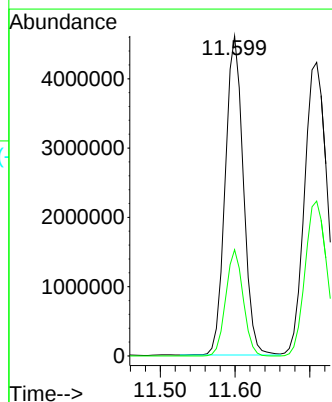
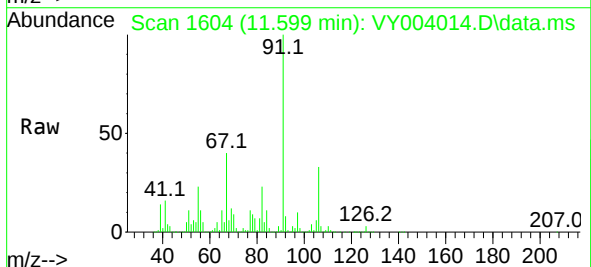
Instrument :
MSVOA_Y
ClientSampleId :

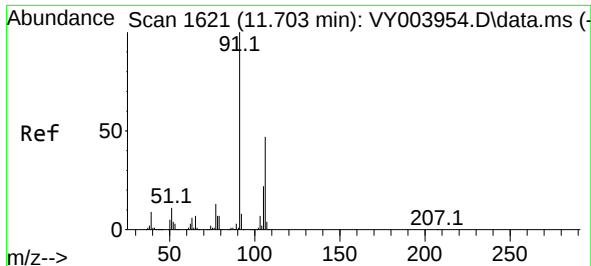
Tgt Ion:112 Resp: 249349
Ion Ratio Lower Upper
112 100
114 2.2 26.1 39.1#



#67
Ethyl Benzene
Concen: 1193.81 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 91 Resp: 7765108
Ion Ratio Lower Upper
91 100
106 33.3 23.9 35.9

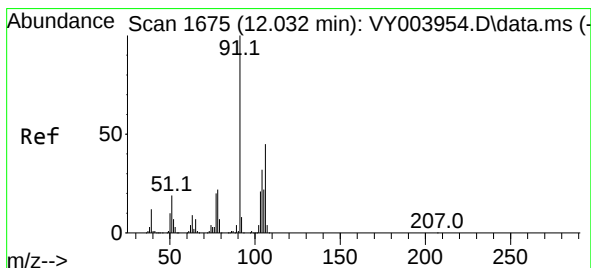
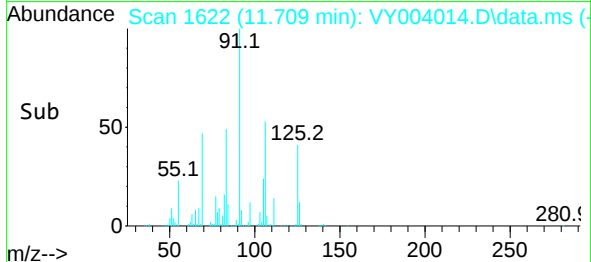
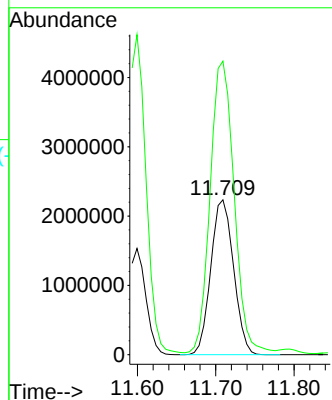
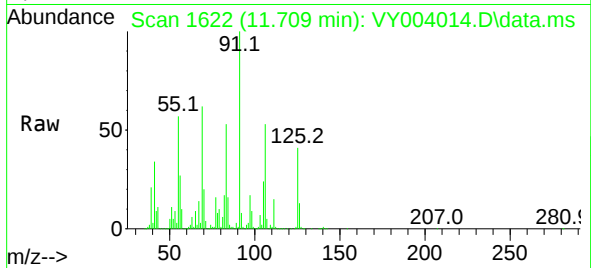




#68
m/p-Xylenes
Concen: 1870.88 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

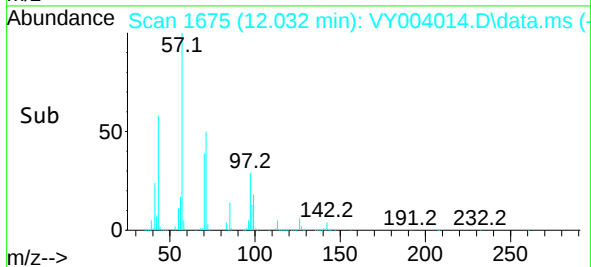
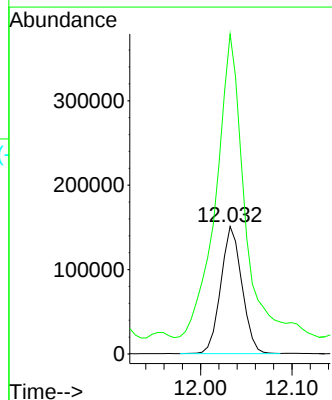
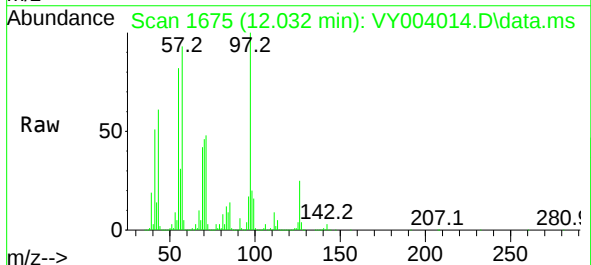
Instrument :
MSVOA_Y
ClientSampleId :

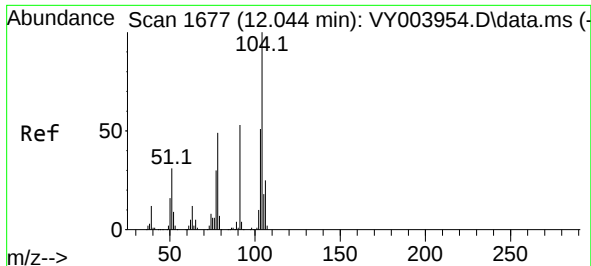
Tgt Ion:106 Resp: 4509784
Ion Ratio Lower Upper
106 100
91 197.3 167.1 250.7



#69
o-Xylene
Concen: 107.88 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion:106 Resp: 241931
Ion Ratio Lower Upper
106 100
91 323.4 110.8 332.4

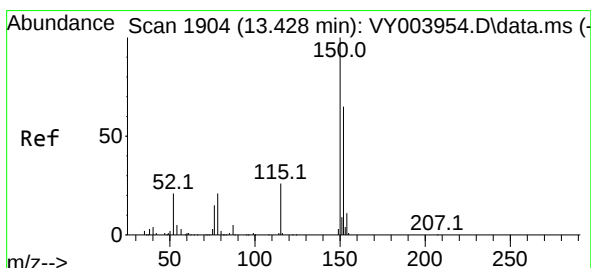
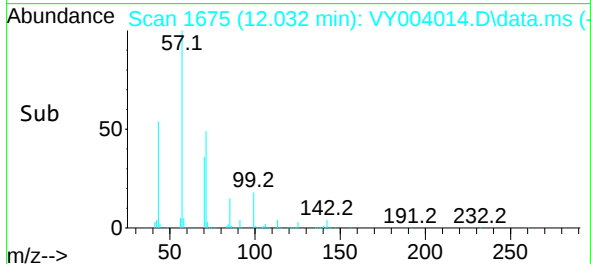
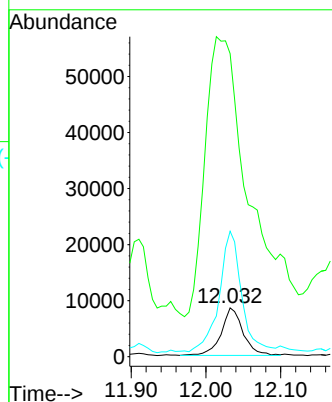
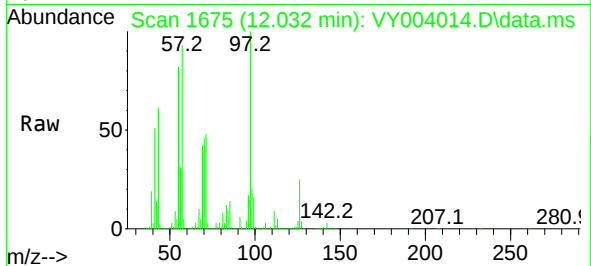




#70
Styrene
Concen: 4.48 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.012 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

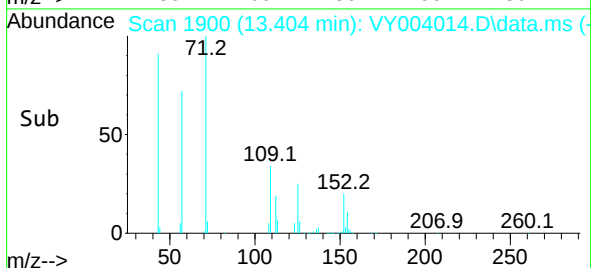
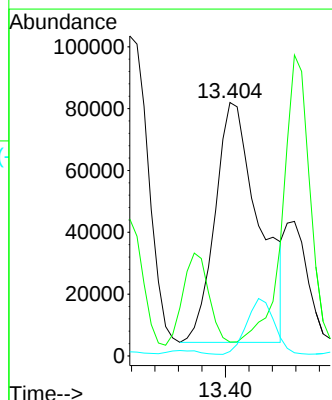
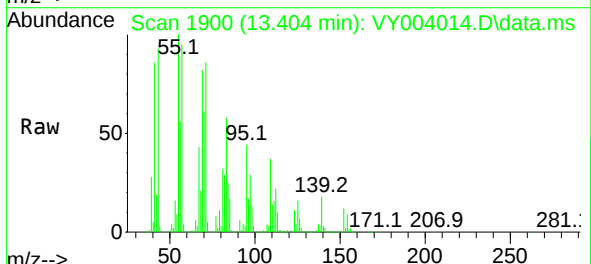
Instrument :
MSVOA_Y
ClientSampleId :

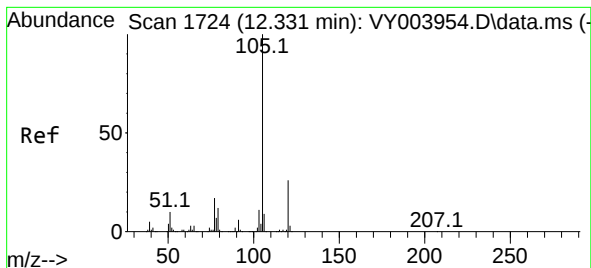
Tgt Ion:104 Resp: 17330
Ion Ratio Lower Upper
104 100
78 1168.9 43.0 64.4#
103 253.0 45.0 67.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.404 min Scan# 1900
Delta R.T. -0.024 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion:152 Resp: 201574
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.6#
150 0.0 0.0 356.2





#73

Isopropylbenzene

Concen: 742.57 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.006 min

Lab File: VY004014.D

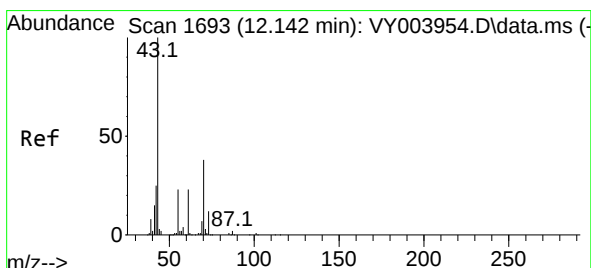
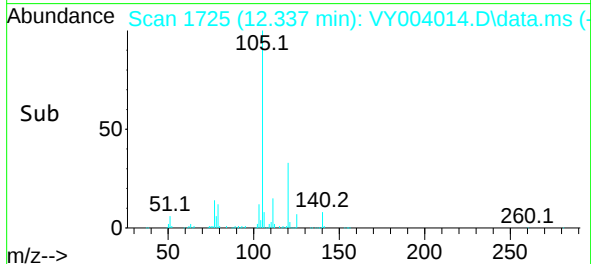
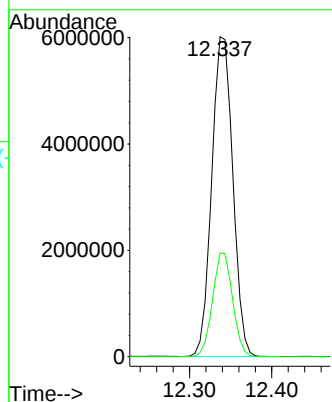
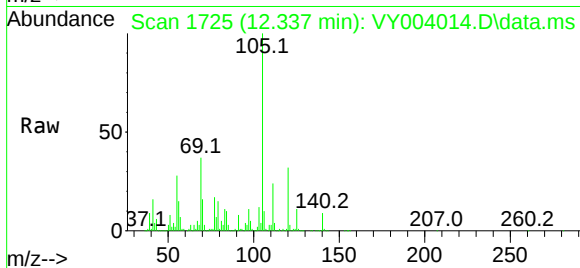
Acq: 11 Feb 2021 20:16

Tgt Ion:105 Resp:10713519

Ion Ratio Lower Upper

105 100

120 30.8 13.6 40.8



#74

N-ethyl acetate

Concen: 1824.99 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY004014.D

Acq: 11 Feb 2021 20:16

Tgt Ion: 43 Resp: 7740010

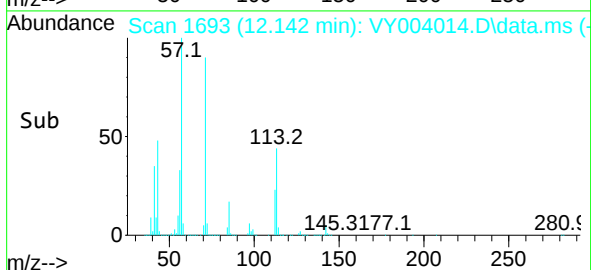
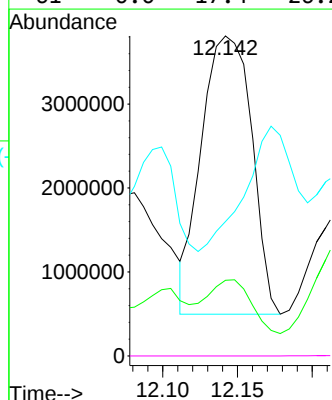
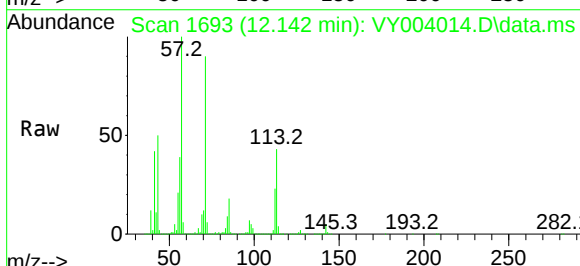
Ion Ratio Lower Upper

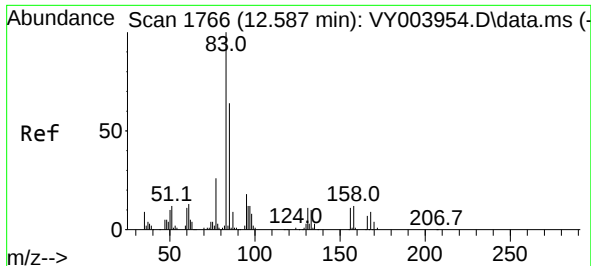
43 100

70 17.4 29.6 44.4#

55 0.0 18.4 27.6#

61 0.0 17.4 26.2#

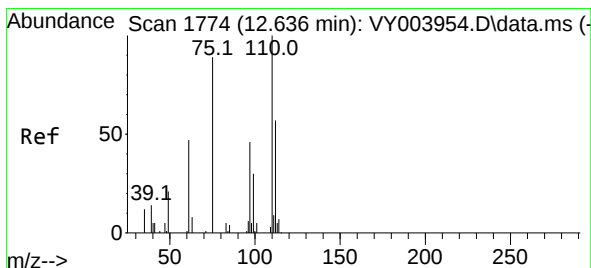
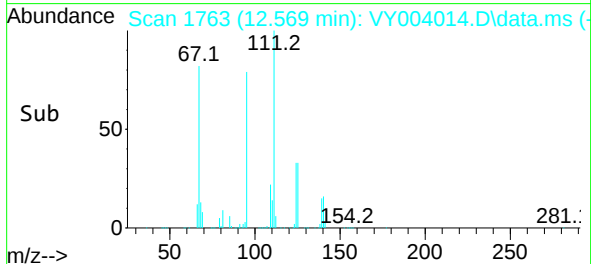
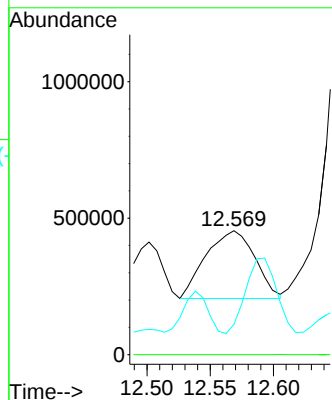
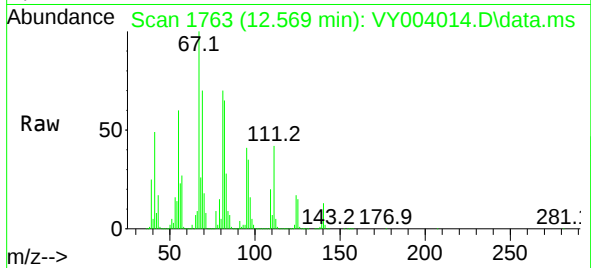




#75
1,1,2,2-Tetrachloroethane
Concen: 255.79 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. -0.018 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

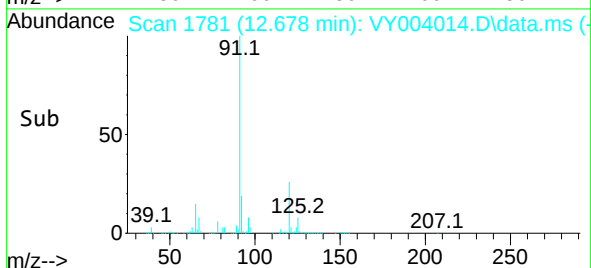
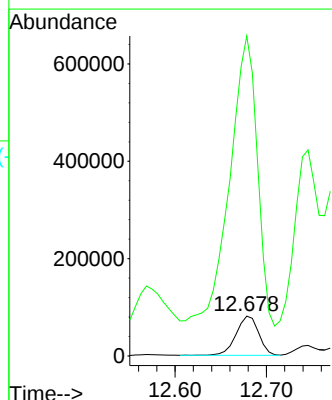
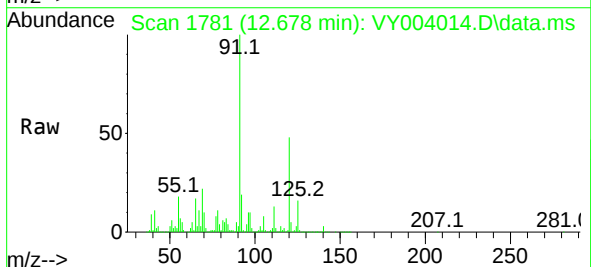
Instrument :
MSVOA_Y
ClientSampleId :

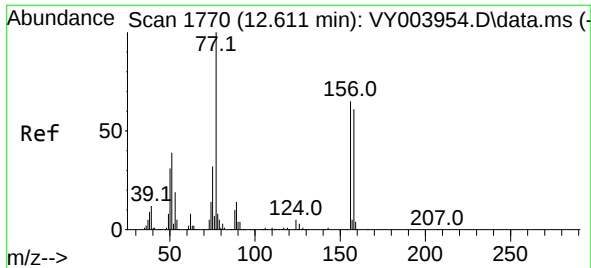
Tgt Ion: 83 Resp: 669270
Ion Ratio Lower Upper
83 100
131 0.0 5.3 16.1#
85 0.0 31.6 94.8#



#76
1,2,3-Trichloropropane
Concen: 67.94 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.043 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 75 Resp: 137970
Ion Ratio Lower Upper
75 100
77 915.4 0.0 0.0#

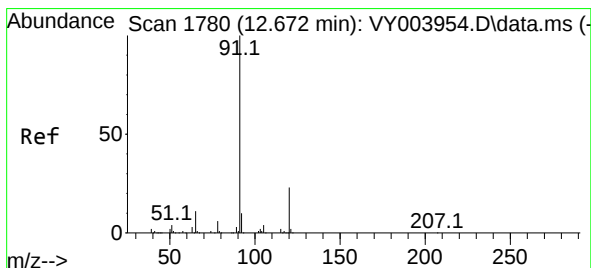
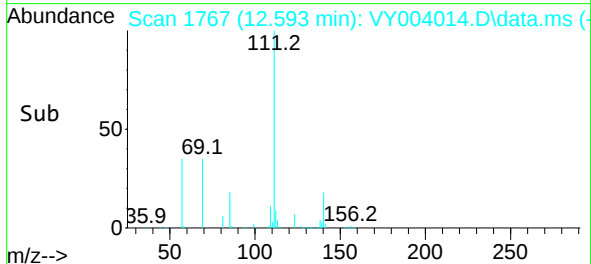
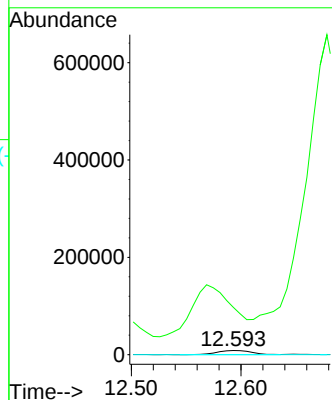
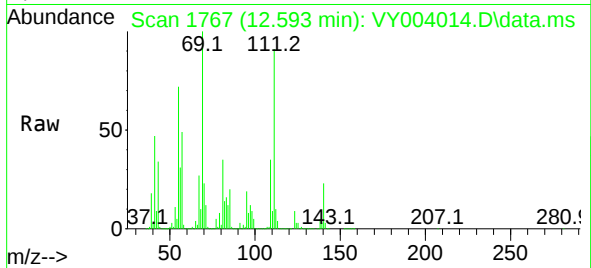




#77
Bromobenzene
Concen: 5.31 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.018 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

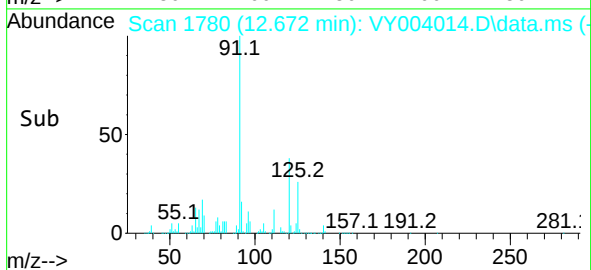
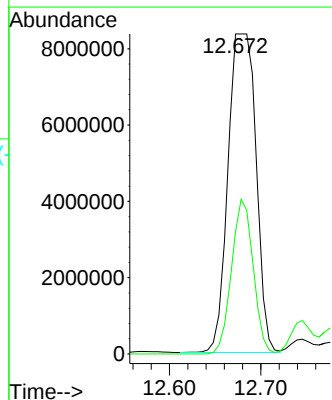
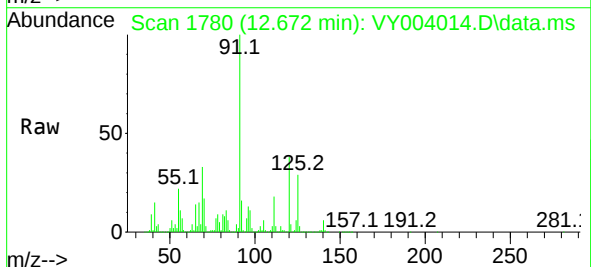
Instrument :
MSVOA_Y
ClientSampleId :

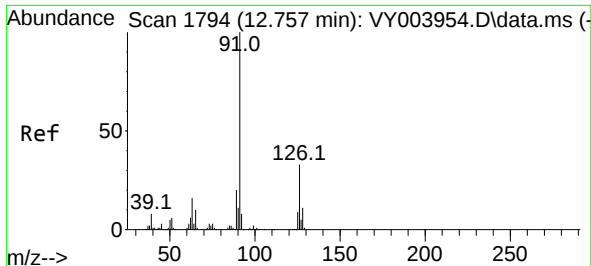
Tgt Ion:156 Resp: 18973
Ion Ratio Lower Upper
156 100
77 0.0 93.8 281.6#
158 0.3 48.8 146.4#



#78
n-propylbenzene
Concen: 1037.58 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 91 Resp:17811926
Ion Ratio Lower Upper
91 100
120 37.4 11.4 34.2#

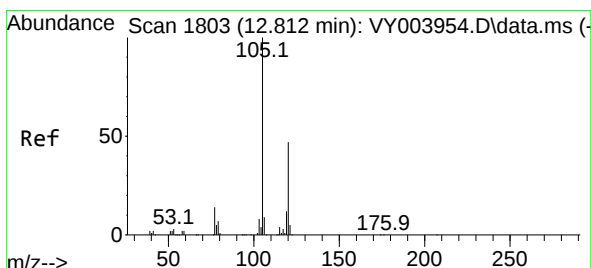
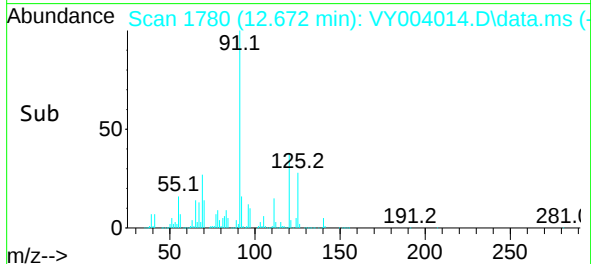
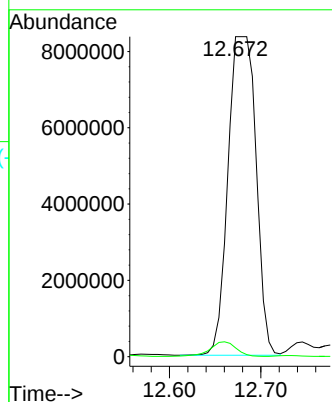
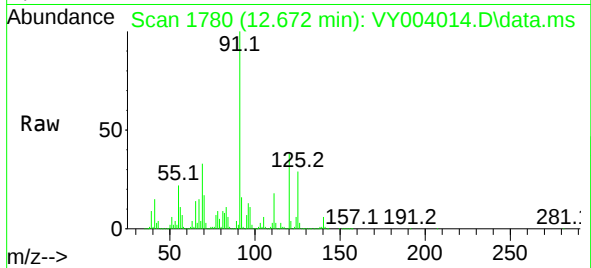




#79
2-Chlorotoluene
Concen: 1811.81 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.085 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

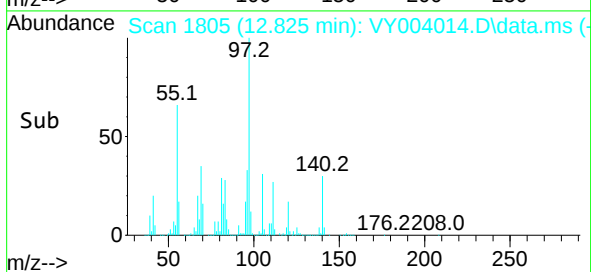
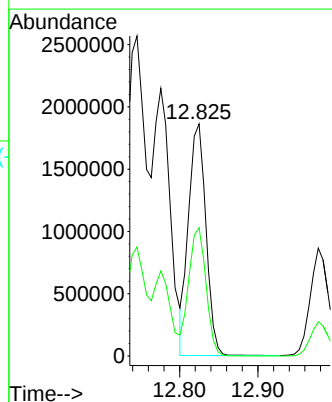
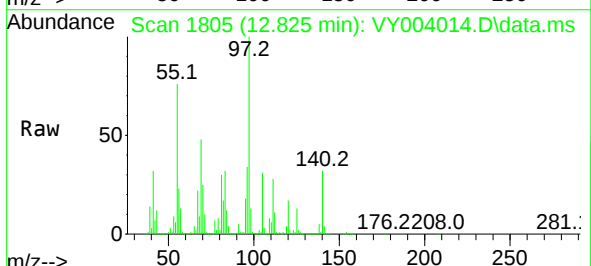
Instrument :
MSVOA_Y
ClientSampleId :

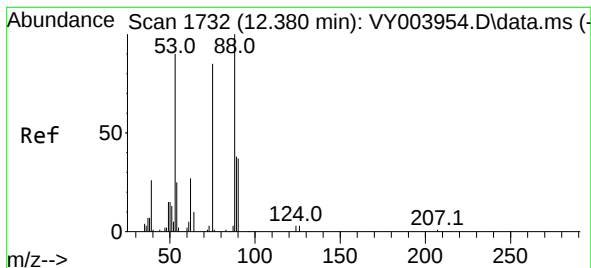
Tgt Ion: 91 Resp:17811926
Ion Ratio Lower Upper
91 100
126 4.3 16.7 50.1#



#80
1,3,5-Trimethylbenzene
Concen: 233.27 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.012 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion:105 Resp: 2888205
Ion Ratio Lower Upper
105 100
120 54.8 23.9 71.7

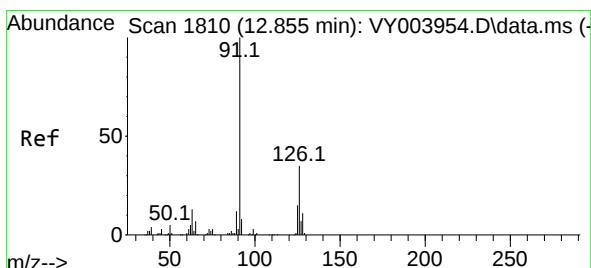
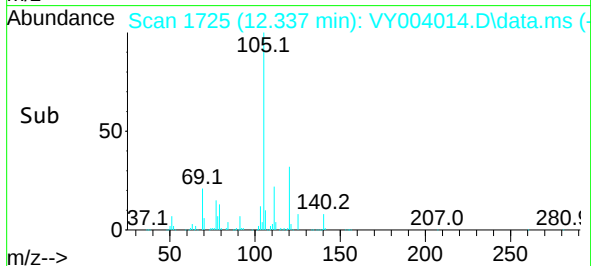
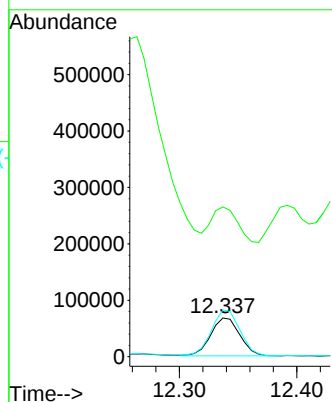
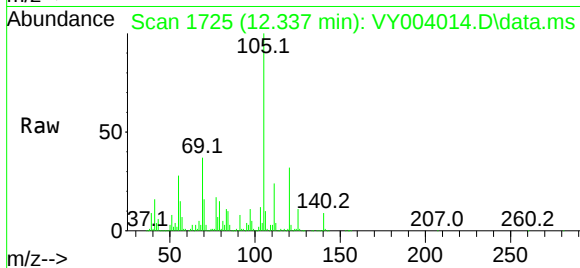




#81
trans-1,4-Dichloro-2-butene
Concen: 109.11 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.042 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

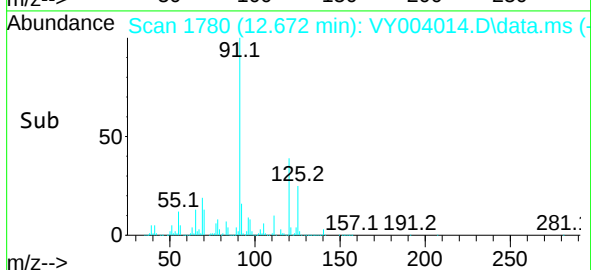
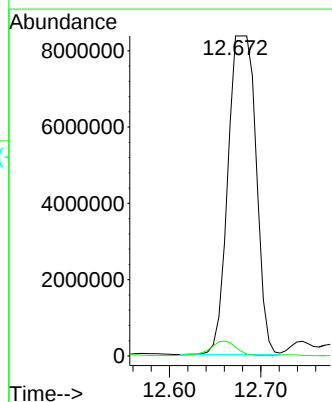
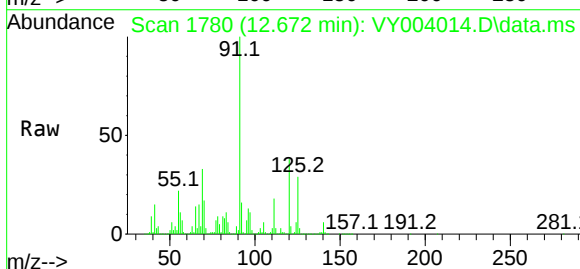
Instrument :
MSVOA_Y
ClientSampleId :

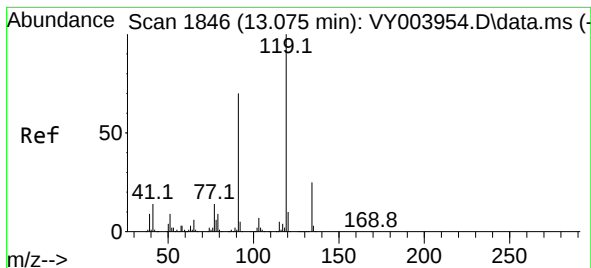
Tgt Ion: 75 Resp: 115926
Ion Ratio Lower Upper
75 100
53 163.2 78.2 117.2#
89 119.1 34.8 52.2#



#82
4-Chlorotoluene
Concen: 1712.99 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.183 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 91 Resp:17811926
Ion Ratio Lower Upper
91 100
126 4.3 16.9 50.6#

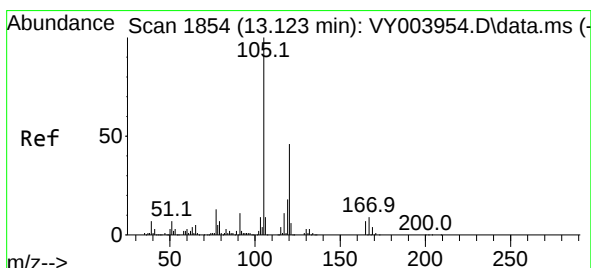
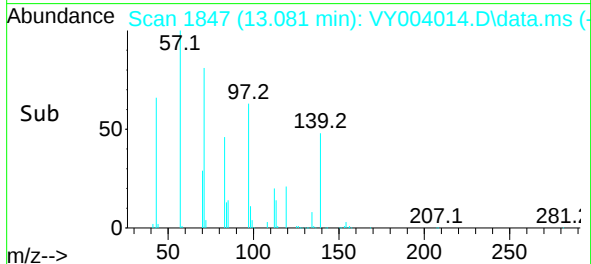
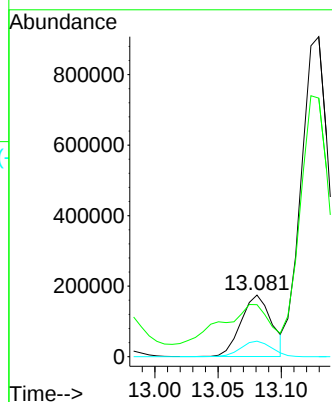
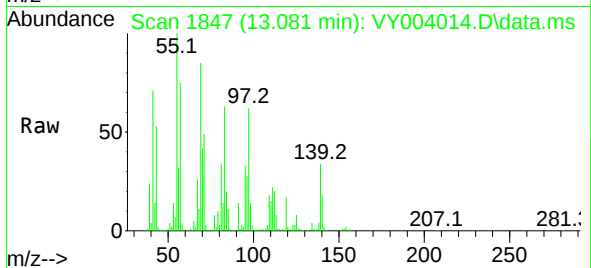




#83
tert-Butylbenzene
Concen: 28.41 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

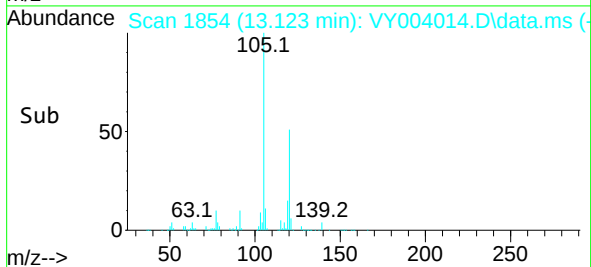
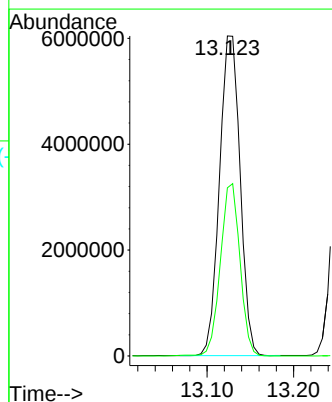
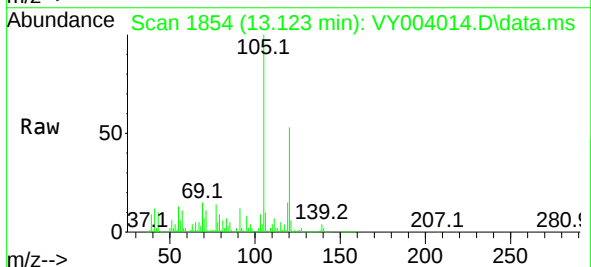
Instrument :
MSVOA_Y
ClientSampleId :

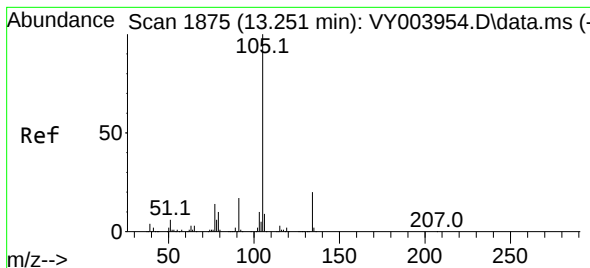
Tgt Ion:119 Resp: 292466
Ion Ratio Lower Upper
119 100
91 98.9 35.1 105.3
134 0.0 13.2 39.5#



#84
1,2,4-Trimethylbenzene
Concen: 804.89 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion:105 Resp: 9989214
Ion Ratio Lower Upper
105 100
120 51.3 22.2 66.6

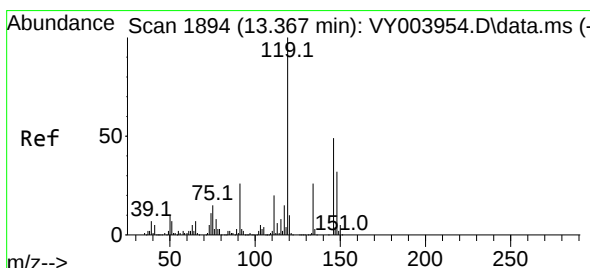
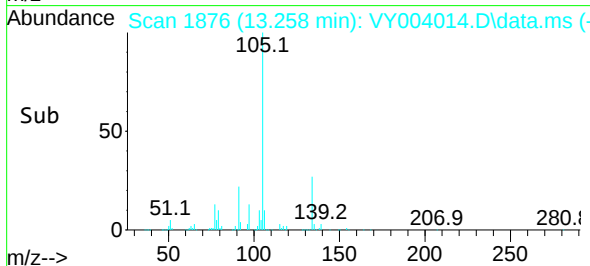
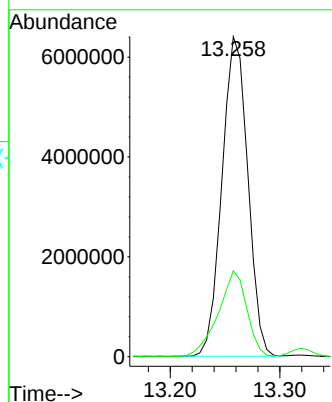
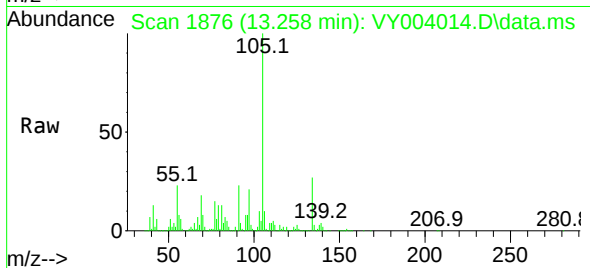




#85
 sec-Butylbenzene
 Concen: 734.11 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY004014.D
 Acq: 11 Feb 2021 20:16

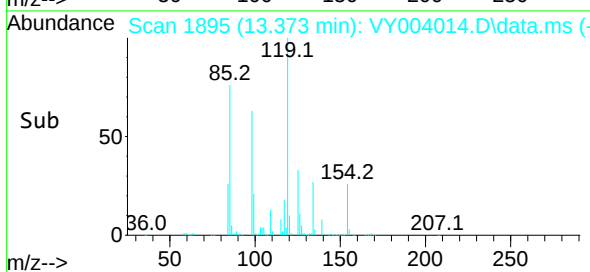
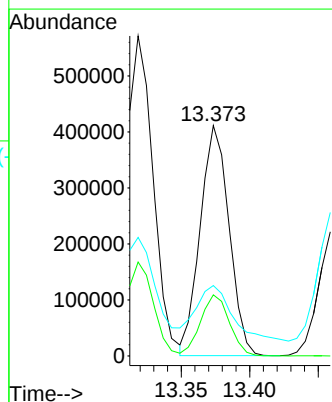
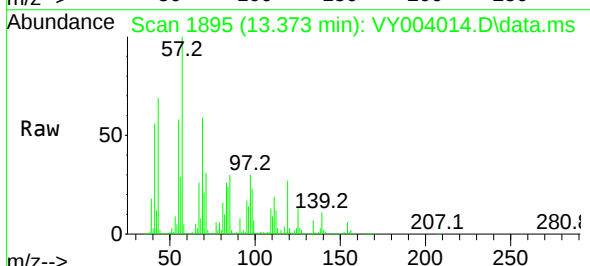
Instrument :
 MSVOA_Y
 ClientSampled :

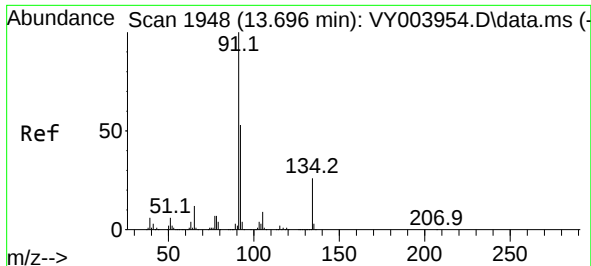
Tgt Ion:105 Resp:10472013
 Ion Ratio Lower Upper
 105 100
 134 29.8 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 45.18 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY004014.D
 Acq: 11 Feb 2021 20:16

Tgt Ion:119 Resp: 601204
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.5
 91 30.3 12.8 38.3

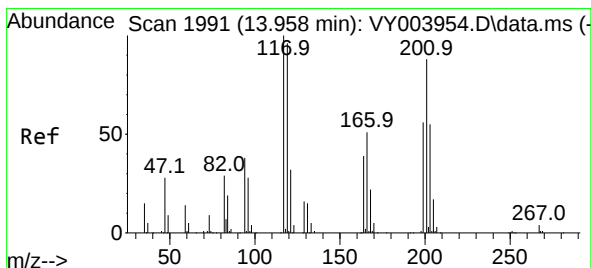
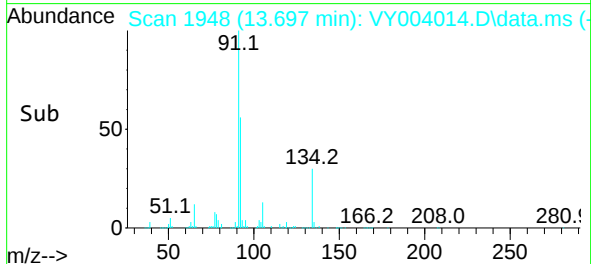
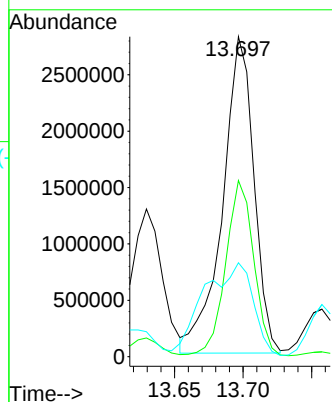
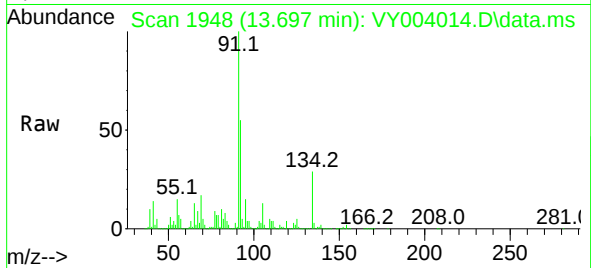




#89
n-Butylbenzene
Concen: 361.52 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

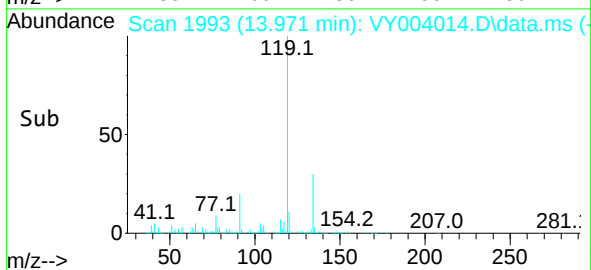
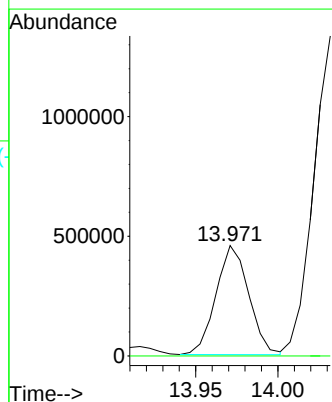
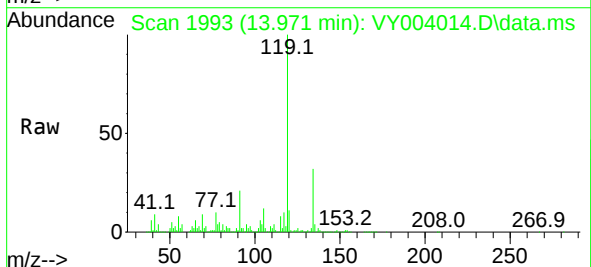
Instrument :
MSVOA_Y
ClientSampleId :

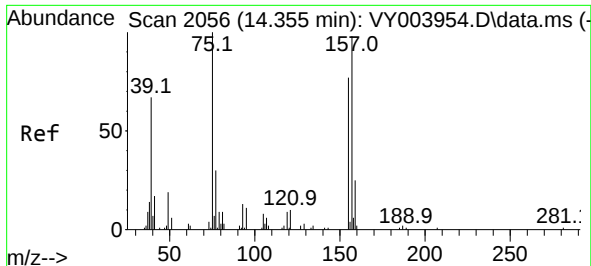
Tgt Ion: 91 Resp: 4466456
Ion Ratio Lower Upper
91 100
92 49.6 26.4 79.2
134 45.6 13.2 39.5#



#90
Hexachloroethane
Concen: 259.26 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 117 Resp: 631596
Ion Ratio Lower Upper
117 100
201 0.0 45.5 136.5#

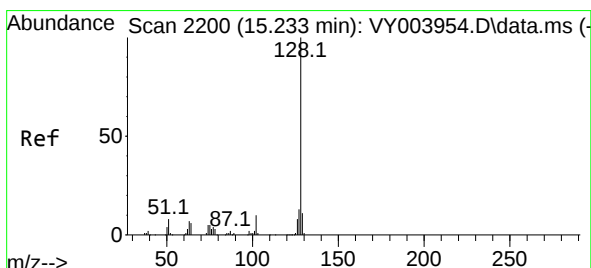
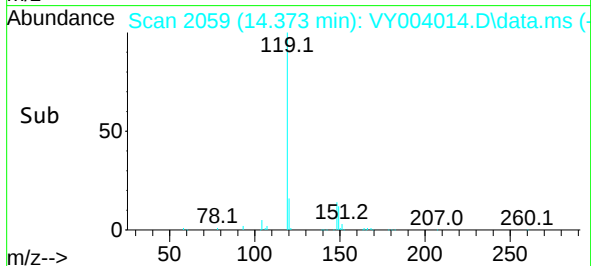
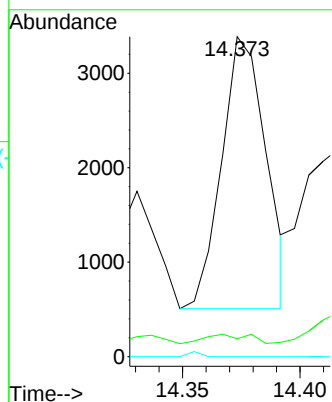
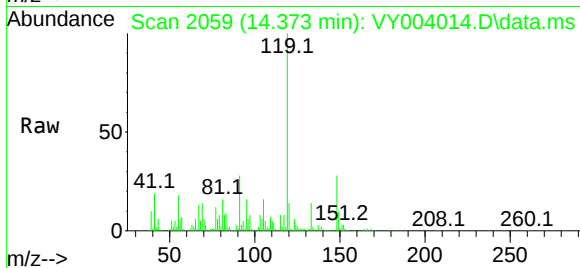




#92
1,2-Dibromo-3-Chloropropane
Concen: 7.00 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.018 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 3776
Ion Ratio Lower Upper
75 100
155 0.0 37.6 112.9#
157 0.5 50.4 151.2#



#95
Naphthalene
Concen: 19.71 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.006 min
Lab File: VY004014.D
Acq: 11 Feb 2021 20:16

Tgt Ion: 128 Resp: 153725
Ion Ratio Lower Upper
128 100
127 13.7 11.4 17.0
129 11.9 8.6 12.8

