

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000766.D
 Acq On : 21 Nov 2019 14:36
 Operator : SY/MD
 Sample : K5957-01RE
 Misc : 5.20G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1-(12-14)

Quant Time: Nov 22 03:13:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	284070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	509704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	416756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.41	152	424062	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	173611	59.06	ug/l	0.00
Spiked Amount			Recovery	=	118.12%	
35) Dibromofluoromethane	7.72	113	155178	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
50) Toluene-d8	10.19	98	732301	64.50	ug/l	0.00
Spiked Amount			Recovery	=	129.00%	
62) 4-Bromofluorobenzene	12.45	95	6113938	1414.46	ug/l	-0.02
Spiked Amount			Recovery	=	2828.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.11	142	442	3.307	ug/l #	41
11) Tert butyl alcohol	4.97	59	13784	48.168	ug/l #	85
16) Acetone	3.96	43	23333	28.798	ug/l	99
17) Carbon Disulfide	4.20	76	16401	1.833	ug/l	97
20) Methylene Chloride	4.72	84	8859	2.552	ug/l #	86
25) 2-Butanone	7.01	43	7640	5.908	ug/l	96
28) Bromochloromethane	7.32	49	121	4.137	ug/l #	14
29) Tetrahydrofuran	7.38	42	1512	1.911	ug/l #	54
30) Chloroform	7.52	83	8160	1.485	ug/l #	82
31) Cyclohexane	7.79	56	23737	4.171	ug/l #	71
36) 1,1-Dichloropropene	7.80	75	22399	4.649	ug/l #	49
38) Carbon Tetrachloride	7.80	117	28726	6.196	ug/l #	13
39) Methylcyclohexane	9.17	83	58560	9.407	ug/l #	49
43) Isopropyl Acetate	8.28	43	16794	3.125	ug/l #	54
47) Bromodichloromethane	9.48	83	9038	1.992	ug/l #	62
48) Methyl methacrylate	9.33	41	4061	1.730	ug/l #	11
51) 4-Methyl-2-Pentanone	9.97	43	1078420	377.440	ug/l #	43
55) 1,1,2-Trichloroethane	10.63	97	1280246	462.906	ug/l #	19
56) Ethyl methacrylate	10.53	69	1070626	273.126	ug/l #	76
59) 2-Hexanone	10.81	43	8987837	4317.473	ug/l #	29
60) Dibromochloromethane	10.92	129	22052	6.961	ug/l #	36
61) 1,2-Dibromoethane	11.11	107	7232	2.720	ug/l #	1
64) Tetrachloroethene	10.73	164	10401	3.018	ug/l #	83
65) Chlorobenzene	11.42	112	81718	9.671	ug/l #	44
67) Ethyl Benzene	11.60	91	269283	17.316	ug/l	96
68) m/p-Xylenes	11.72	106	195634	32.503	ug/l #	1
69) o-Xylene	12.04	106	25110	4.439	ug/l #	1
73) Isopropylbenzene	12.35	105	5678405	181.179	ug/l	100
74) N-amyl acetate	12.16	43	9602687	1069.803	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.57	83	1396371	225.017	ug/l #	25
76) 1,2,3-Trichloropropane	12.69	75	45130	9.347	ug/l #	100
77) Bromobenzene	12.59	156	29595	4.164	ug/l #	1
78) n-propylbenzene	12.69	91	5136122	135.819	ug/l	98
79) 2-Chlorotoluene	12.69	91	5136122	244.649	ug/l	80

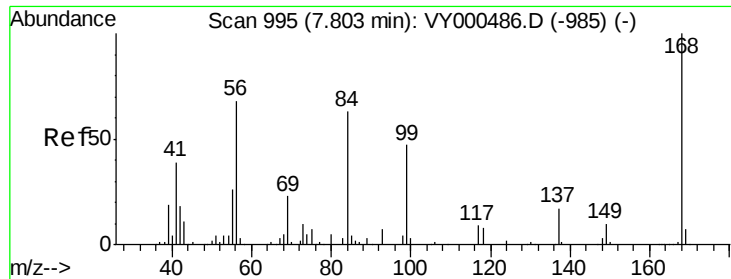
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.78	105	1592366	61.004	ug/l	69
81) trans-1,4-Dichloro-2-buten	12.35	75	84020	39.015	ug/l #	1
82) 4-Chlorotoluene	12.69	91	5136122	236.015	ug/l	80
83) tert-Butylbenzene	13.08	119	2114084	94.855	ug/l	90
84) 1,2,4-Trimethylbenzene	13.12	105	19303692	742.752	ug/l	78
85) sec-Butylbenzene	13.26	105	6119507	192.721	ug/l #	69
86) p-Isopropyltoluene	13.53	119	2484351	87.786	ug/l	94
89) n-Butylbenzene	13.70	91	3117929	111.704	ug/l #	81
90) Hexachloroethane	13.97	117	563477	107.701	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.38	75	2360	2.149	ug/l #	23

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampled :

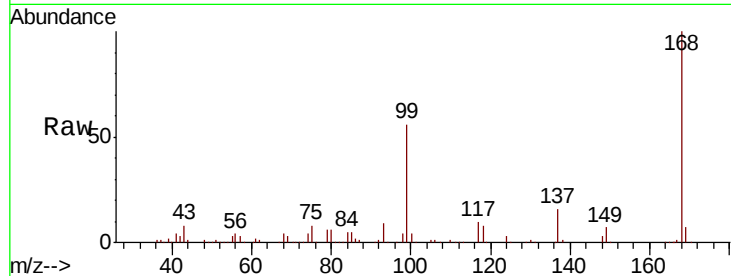
MW-1-(12-14)

Tot Ion:168 Resp: 284070

Ion Ratio Lower Upper

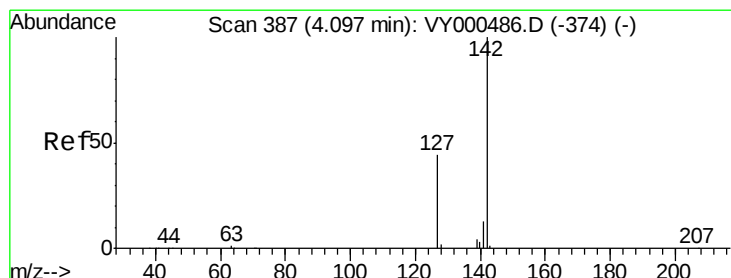
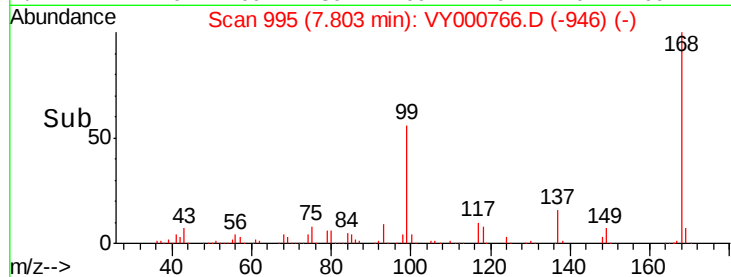
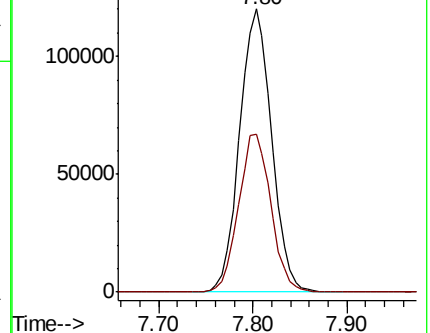
168 100

99 56.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 3.307 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.02 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

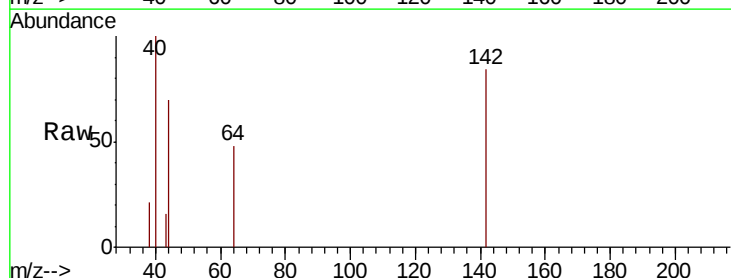
Tgt Ion:142 Resp: 442

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

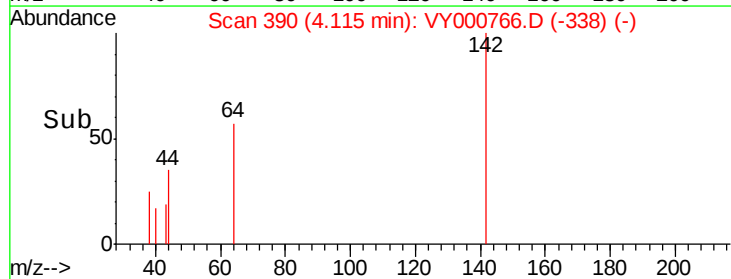
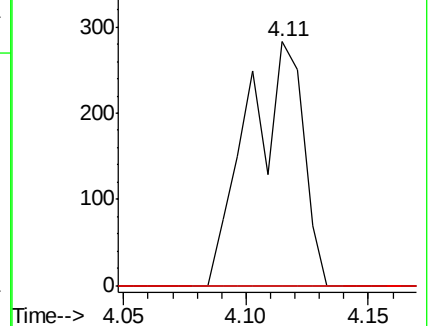
141 0.0 10.9 16.3#

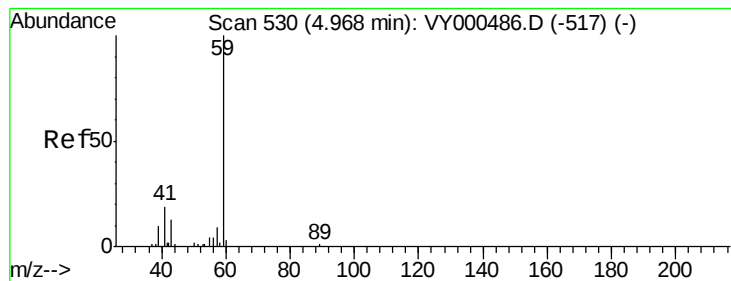


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 48.168 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampleId :

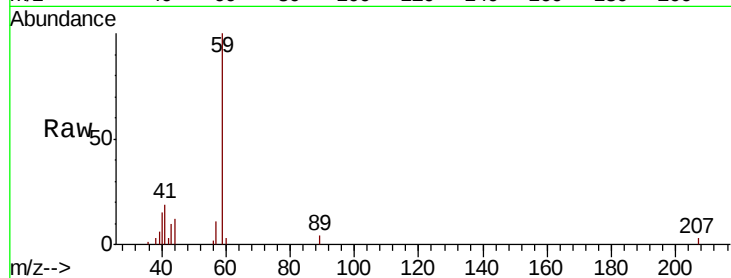
MW-1-(12-14)

Tot Ion: 59 Resp: 13784

Ion Ratio Lower Upper

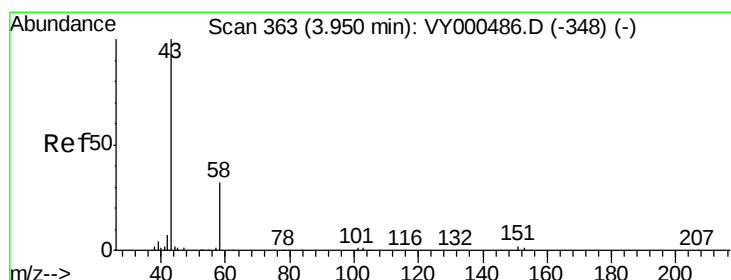
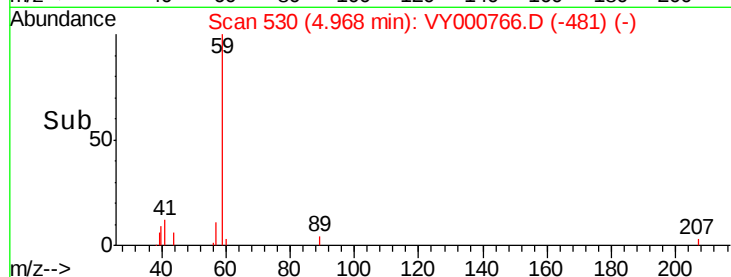
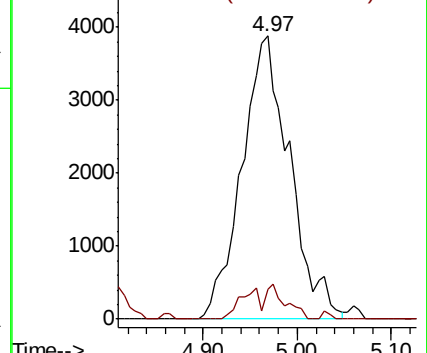
59 100

57 5.1 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#16

Acetone

Concen: 28.798 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000766.D

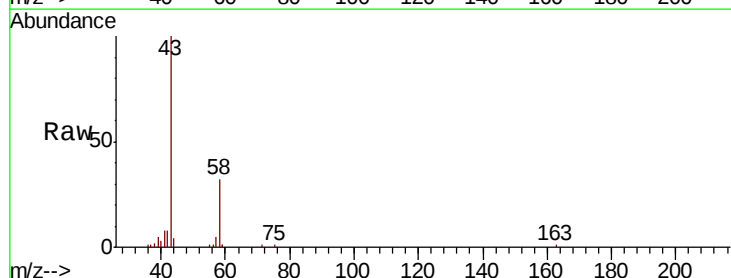
Acq: 21 Nov 2019 14:36

Tgt Ion: 43 Resp: 23333

Ion Ratio Lower Upper

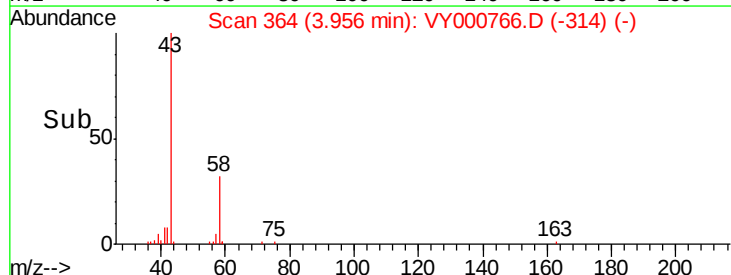
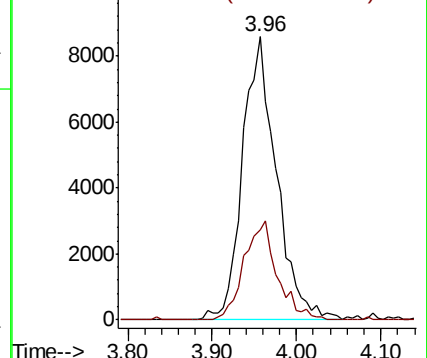
43 100

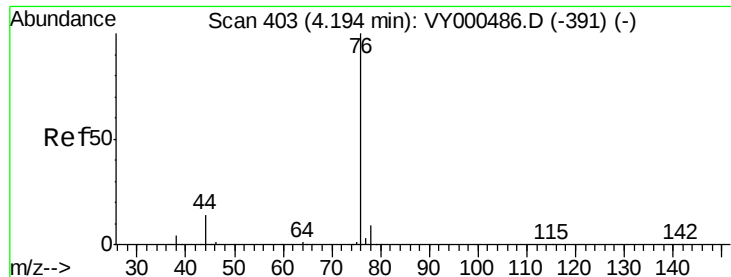
58 31.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

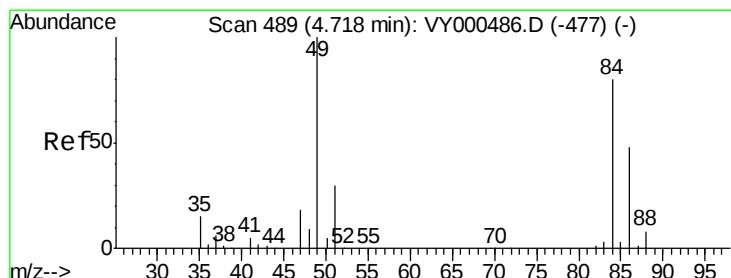
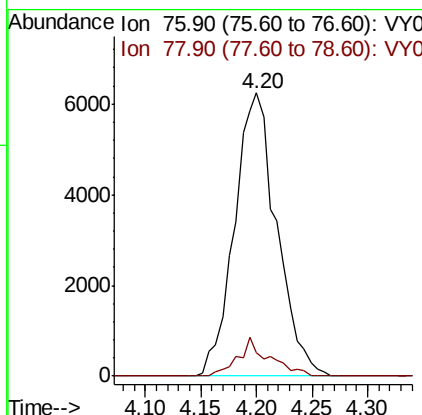
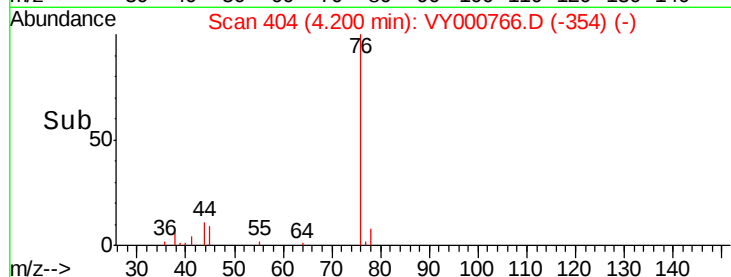
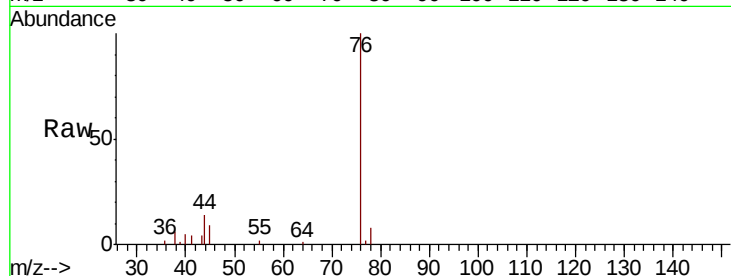




#17
Carbon Disulfide
Concen: 1.833 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

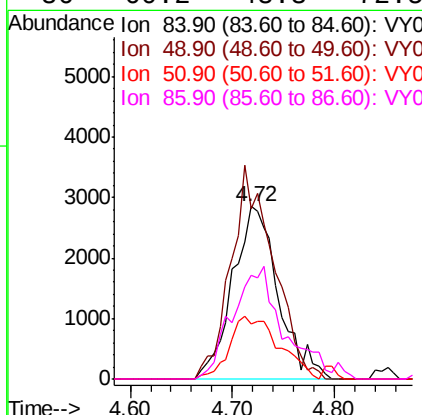
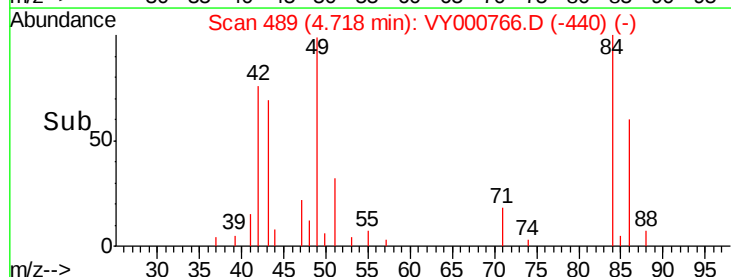
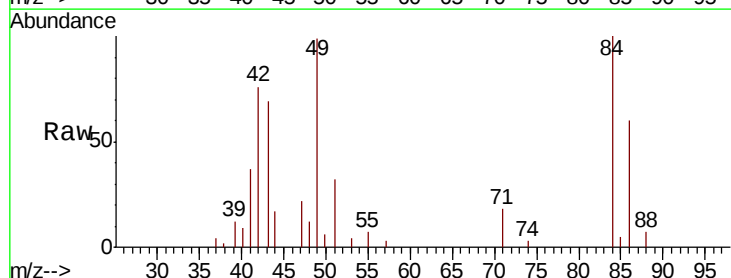
Instrument :
MSVOA_Y
ClientSampleId :
MW-1-(12-14)

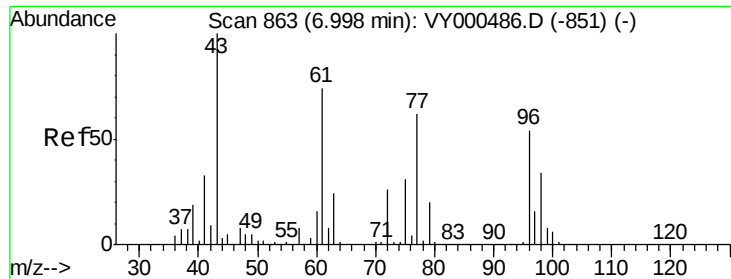
Tot Ion: 76 Resp: 16401
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#20
Methylene Chloride
Concen: 2.552 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Tgt Ion: 84 Resp: 8859
Ion Ratio Lower Upper
84 100
49 99.0 100.2 150.4#
51 31.9 29.6 44.4
86 60.2 48.3 72.5

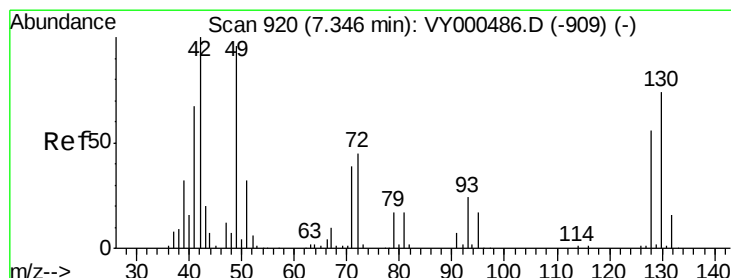
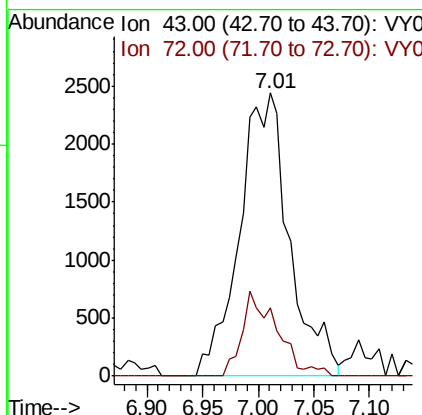
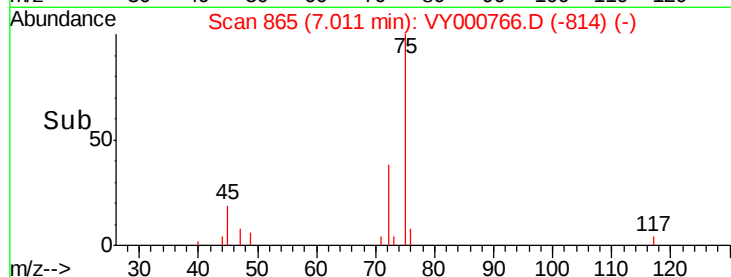
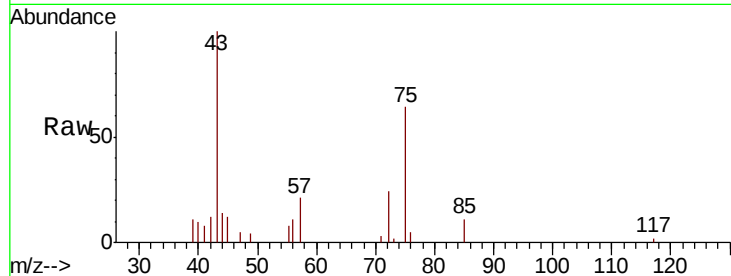




#25
 2-Butanone
 Concen: 5.908 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

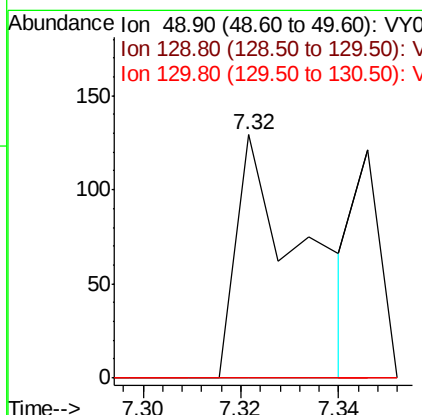
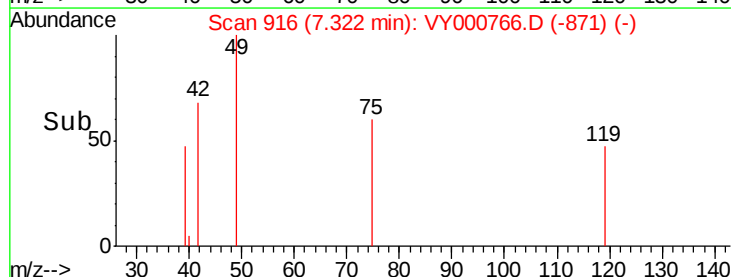
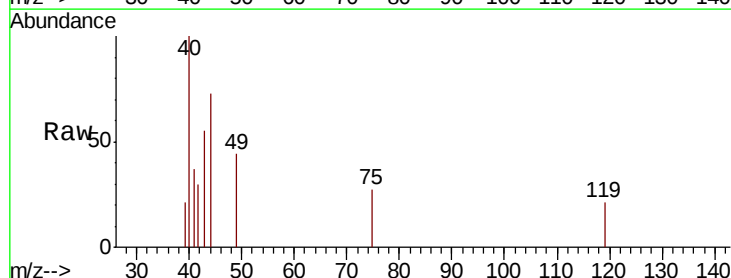
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1-(12-14)

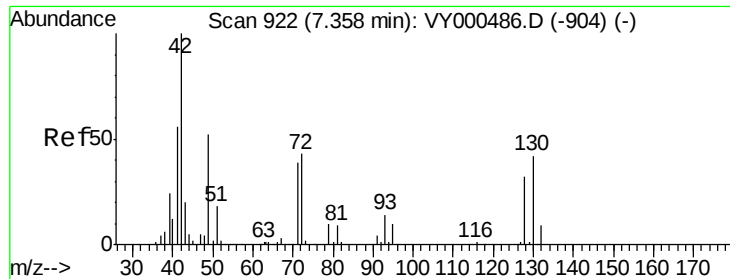
Tot Ion: 43 Resp: 7640
 Ion Ratio Lower Upper
 43 100
 72 24.2 20.9 31.3



#28
 Bromochloromethane
 Concen: 4.137 ug/l
 RT: 7.32 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

Tgt Ion: 49 Resp: 121
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 0.0 59.4 89.0#





#29

Tetrahydrofuran

Concen: 1.911 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.02 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampleId :

MW-1-(12-14)

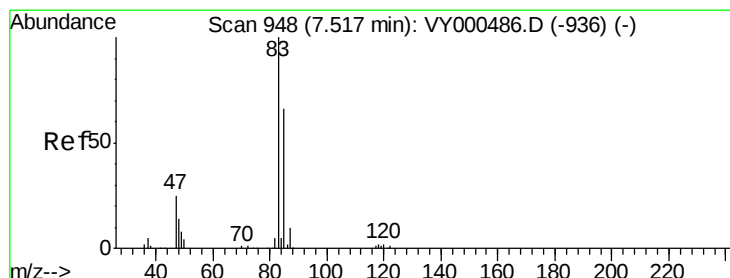
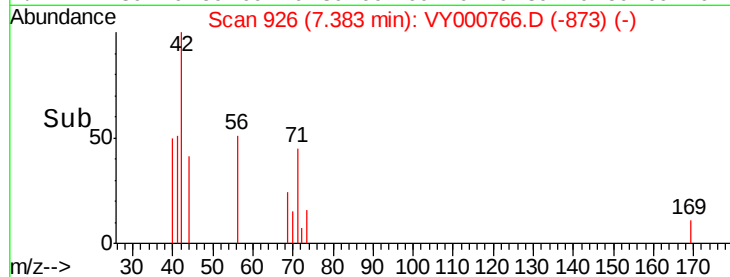
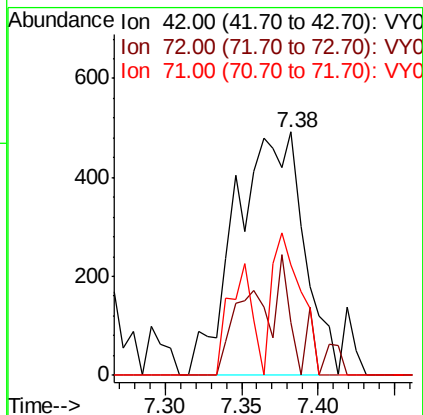
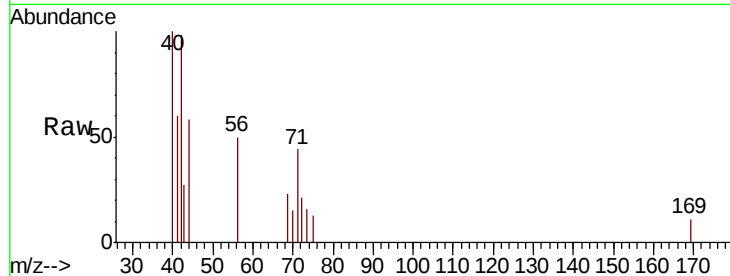
Tot Ion: 42 Resp: 1512

Ion Ratio Lower Upper

42 100

72 0.0 34.0 51.0#

71 25.1 30.8 46.2#



#30

Chloroform

Concen: 1.485 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY000766.D

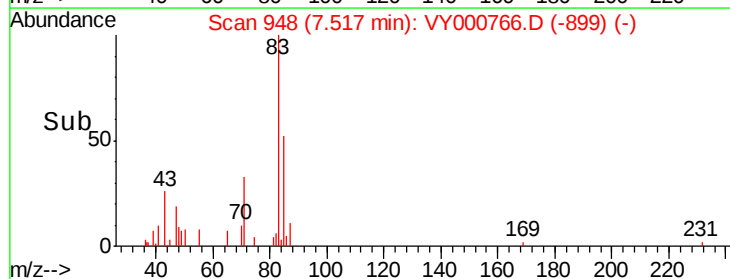
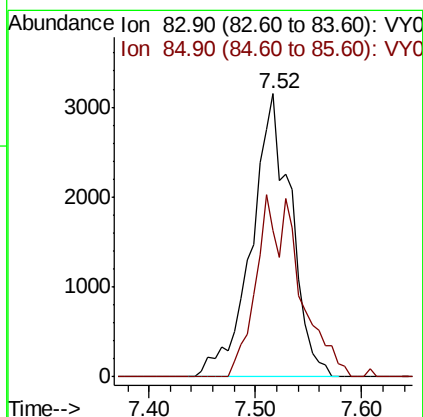
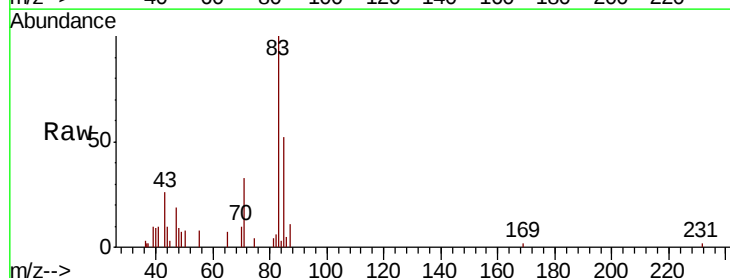
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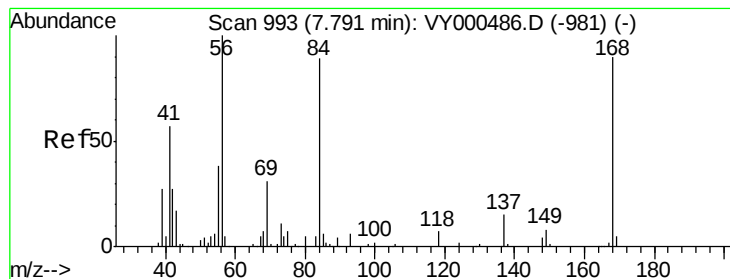
Tgt Ion: 83 Resp: 8160

Ion Ratio Lower Upper

83 100

85 52.0 53.0 79.4#





#31

Cyclohexane

Concen: 4.171 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampleId :

MW-1-(12-14)

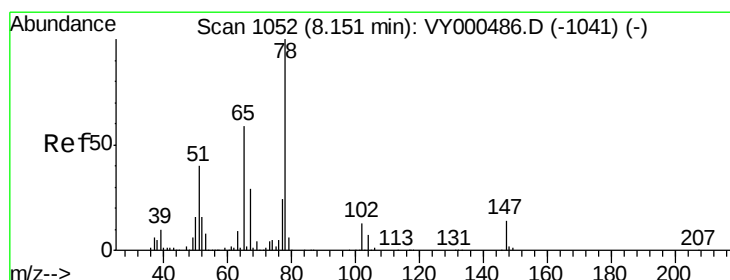
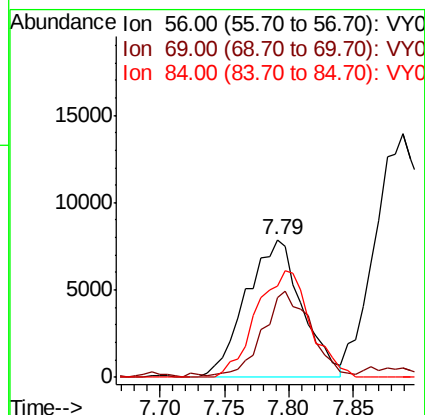
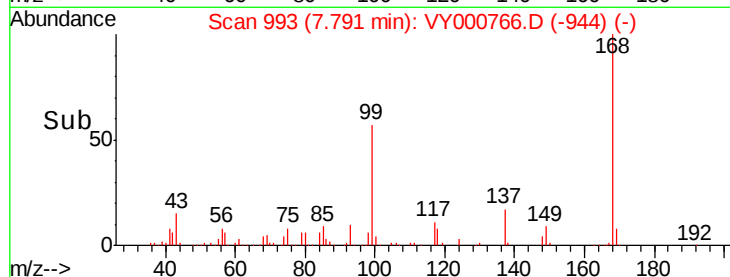
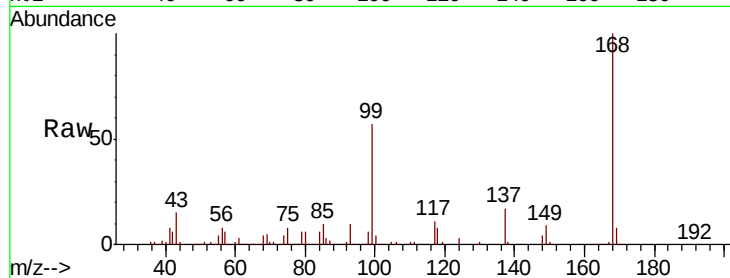
Tot Ion: 56 Resp: 23737

Ion Ratio Lower Upper

56 100

69 55.2 25.0 37.6#

84 66.4 71.4 107.2#



#33

1,2-Dichloroethane-d4

Concen: 59.056 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000766.D

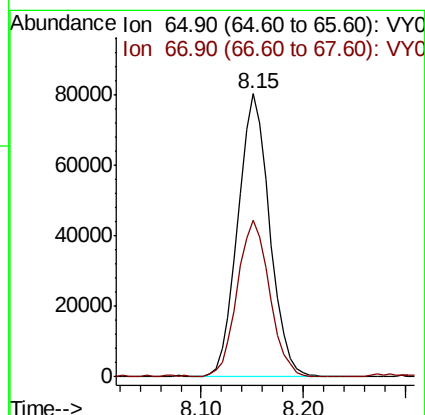
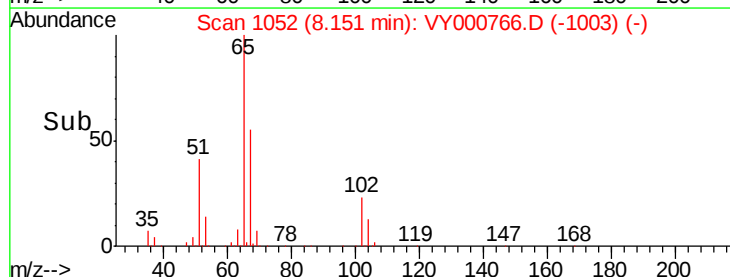
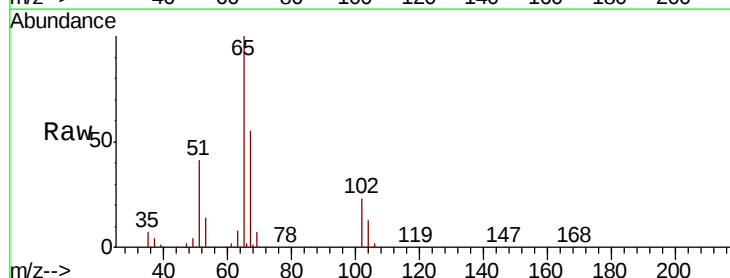
Acq: 21 Nov 2019 14:36

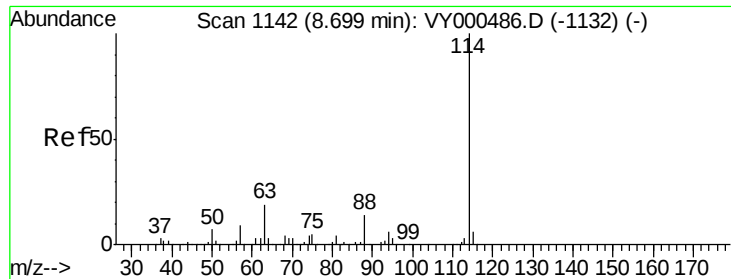
Tgt Ion: 65 Resp: 173611

Ion Ratio Lower Upper

65 100

67 56.4 0.0 107.2

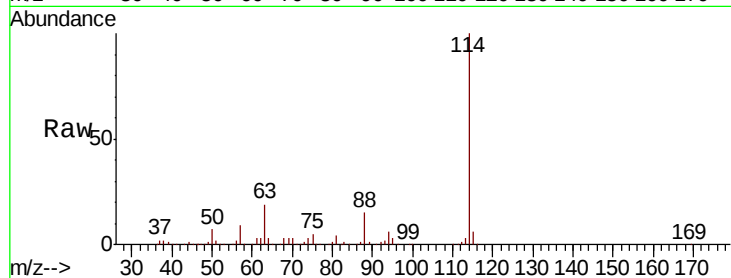




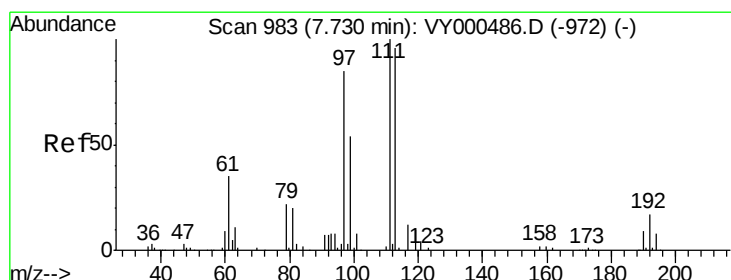
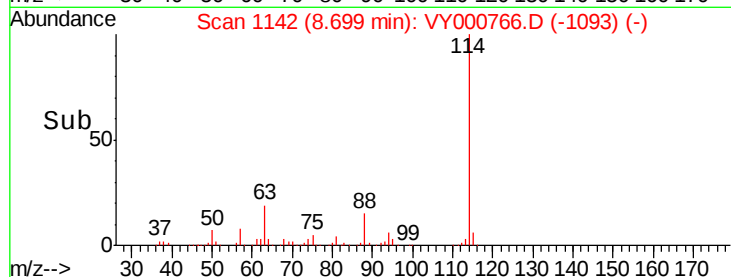
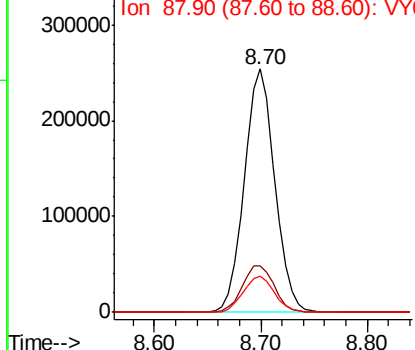
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1-(12-14)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.0
88	14.9	0.0	28.6

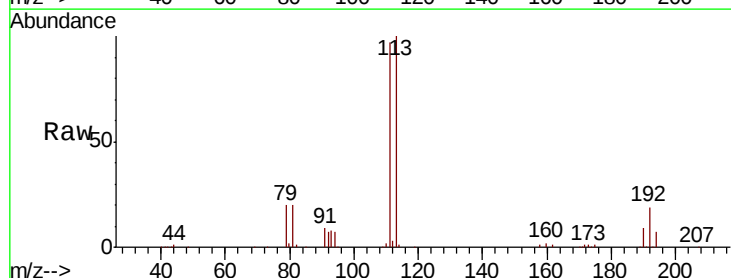


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

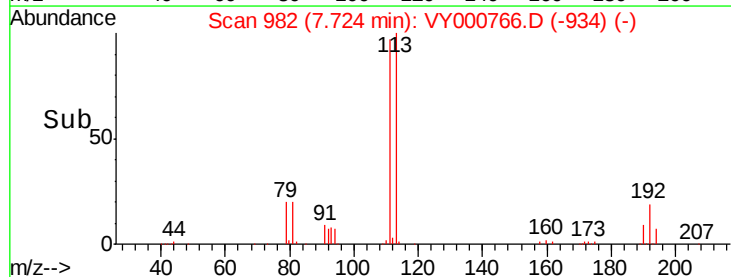
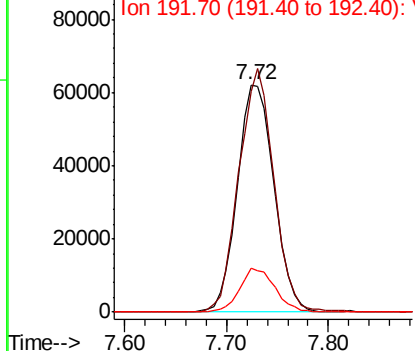


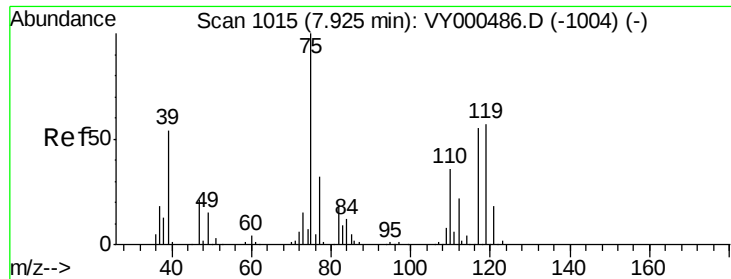
#35
 Dibromofluoromethane
 Concen: 51.859 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	18.3	15.0	22.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

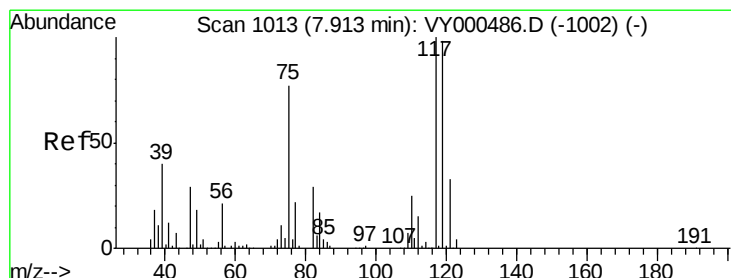
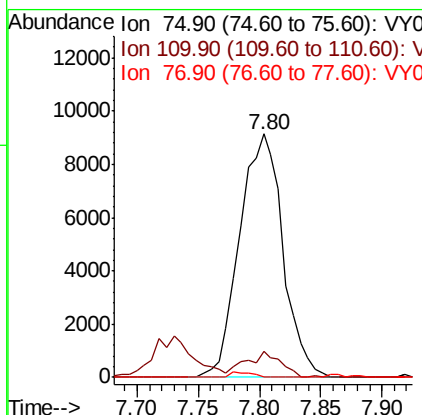
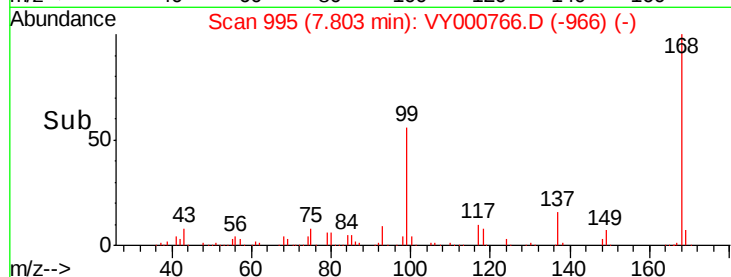
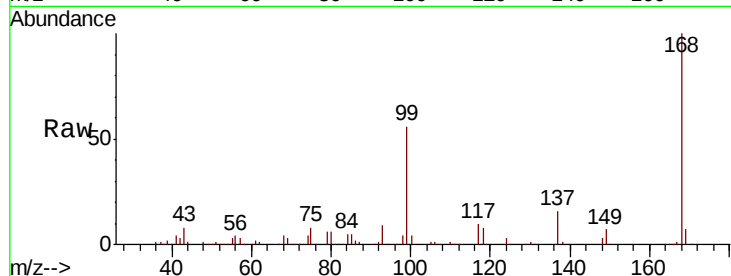




#36
 1,1-Dichloropropene
 Concen: 4.649 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

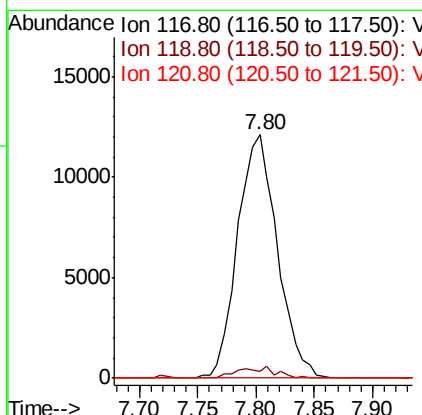
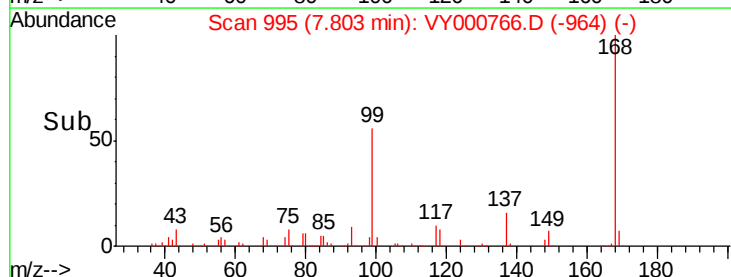
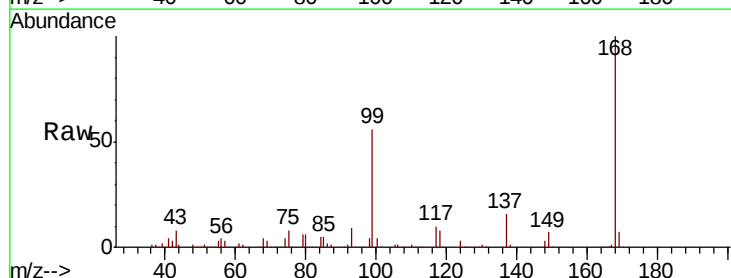
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1-(12-14)

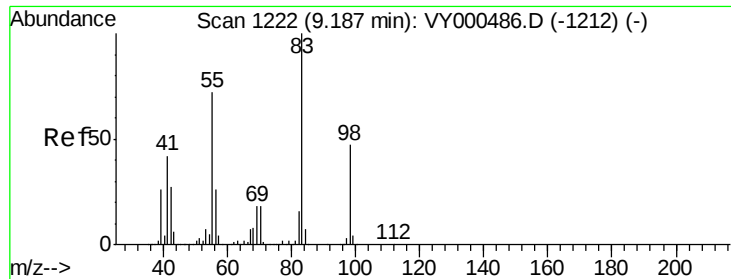
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.1#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.196 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	2.8	78.0	117.0#
121	0.0	26.6	40.0#

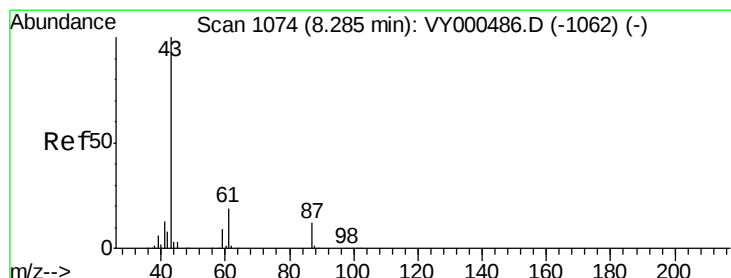
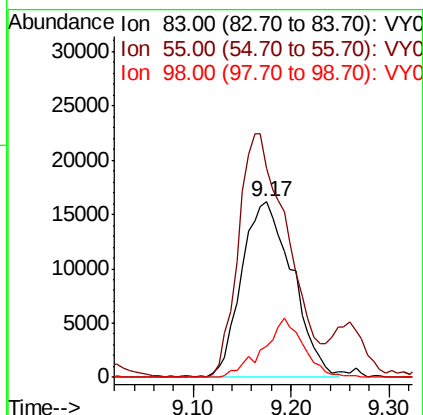
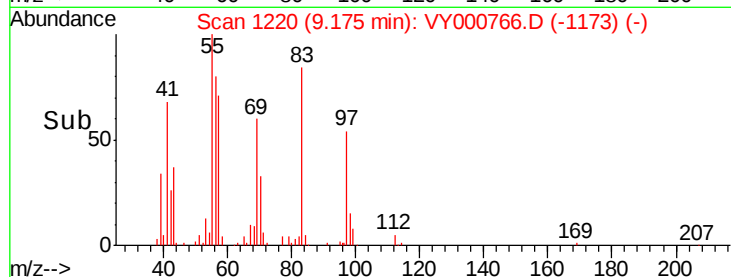
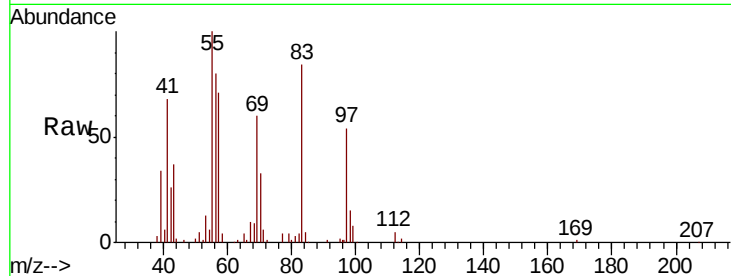




#39
Methvlcvclohexane
Concen: 9.407 ug/l
RT: 9.17 min Scan# 1220
Delta R.T. -0.01 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

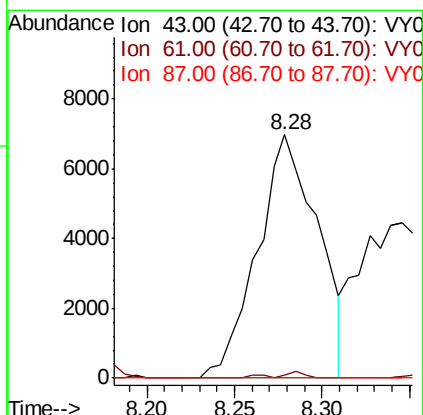
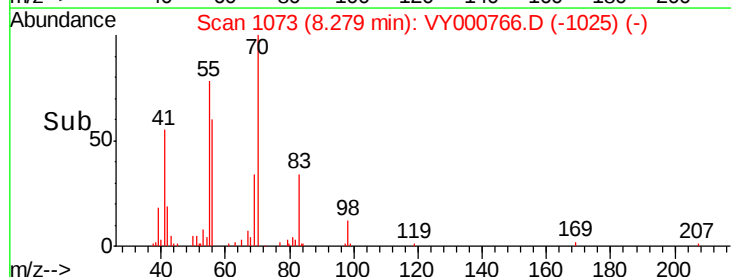
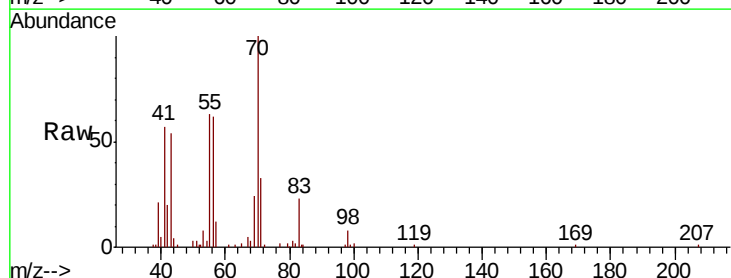
Instrument :
MSVOA_Y
ClientSampleId :
MW-1-(12-14)

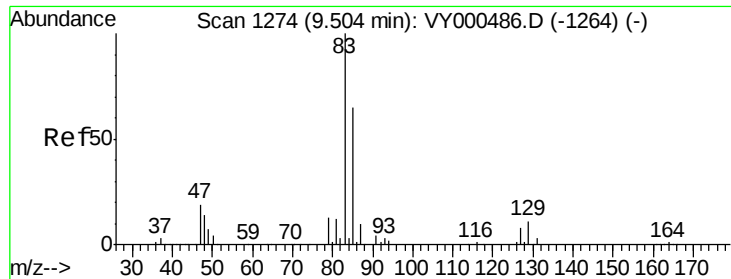
Tot Ion: 83 Resp: 58560
Ion Ratio Lower Upper
83 100
55 118.7 57.5 86.3#
98 18.0 38.0 57.0#



#43
Isopropyl Acetate
Concen: 3.125 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Tgt Ion: 43 Resp: 16794
Ion Ratio Lower Upper
43 100
61 0.8 23.0 34.4#
87 0.0 10.5 15.7#





#47

Bromodichloromethane

Concen: 1.992 ug/l

RT: 9.48 min Scan# 1270

Delta R.T. -0.02 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampleId :

MW-1-(12-14)

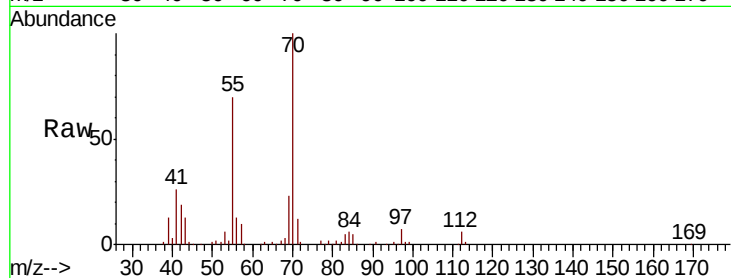
Tot Ion: 83 Resp: 9038

Ion Ratio Lower Upper

83 100

85 96.5 51.8 77.8#

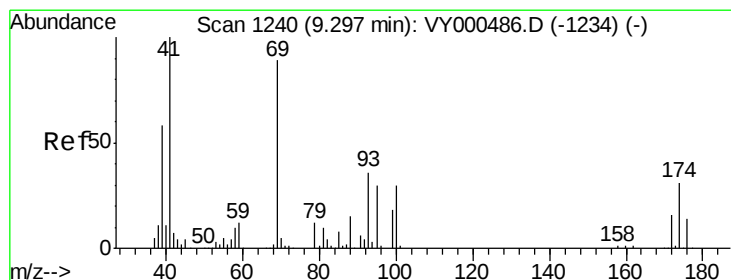
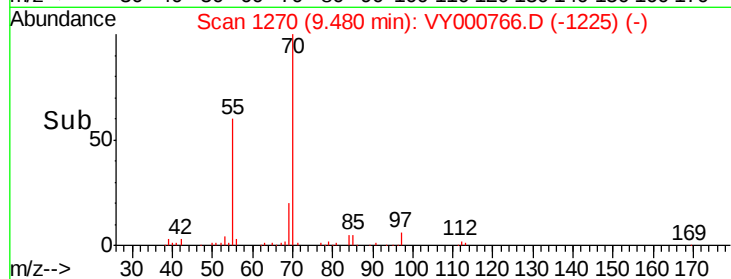
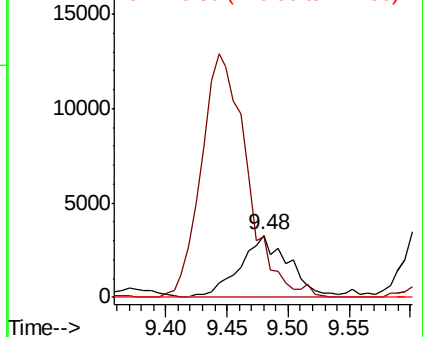
127 0.0 6.7 10.1#



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 1.730 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.03 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

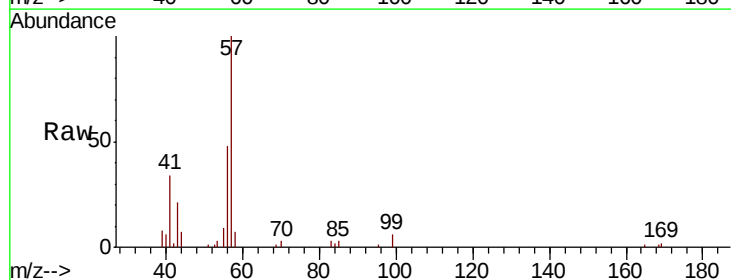
Tgt Ion: 41 Resp: 4061

Ion Ratio Lower Upper

41 100

69 0.0 72.5 108.7#

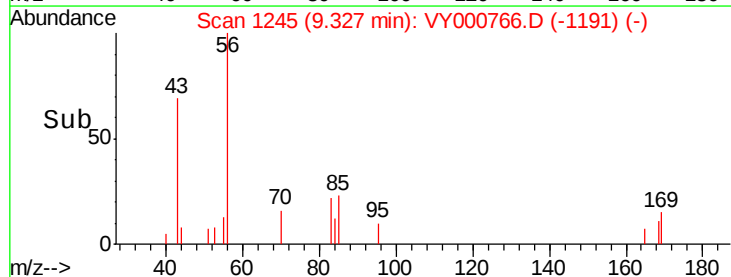
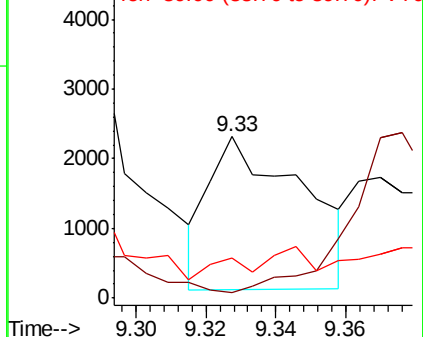
39 0.0 47.8 71.8#

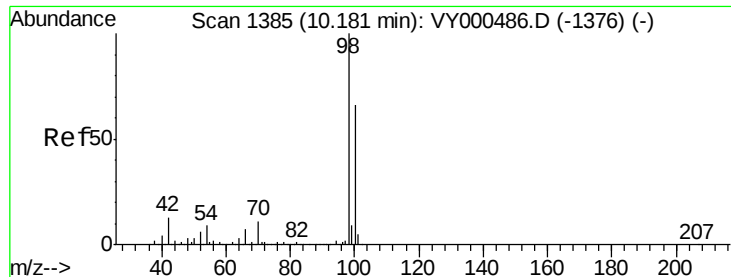


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#50

Toluene-d8

Concen: 64.496 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampleId :

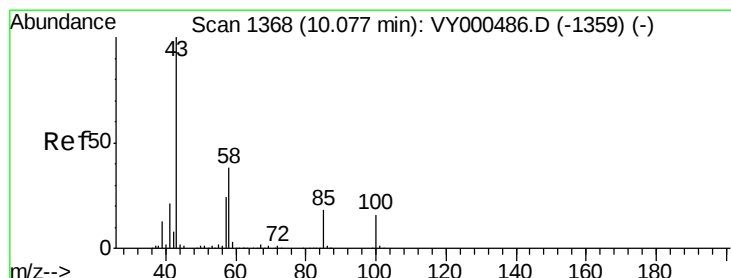
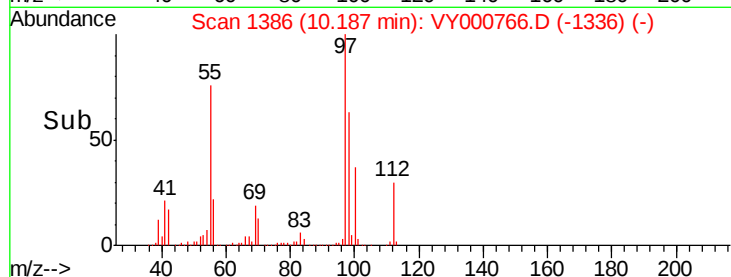
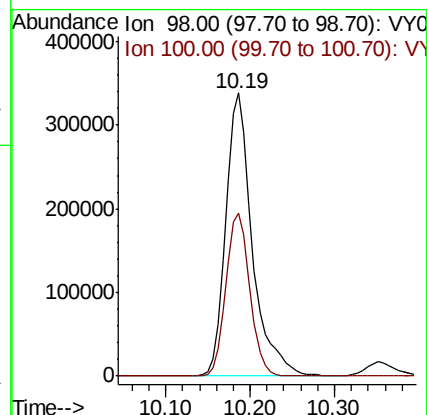
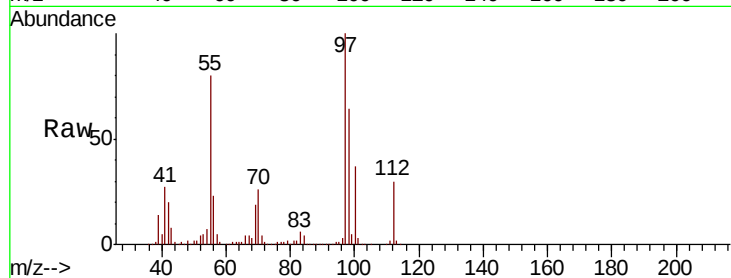
MW-1-(12-14)

Tot Ion: 98 Resp: 732301

Ion Ratio Lower Upper

98 100

100 51.8 52.9 79.3#



#51

4-Methyl-2-Pentanone

Concen: 377.440 ug/l

RT: 9.97 min Scan# 1351

Delta R.T. -0.10 min

Lab File: VY000766.D

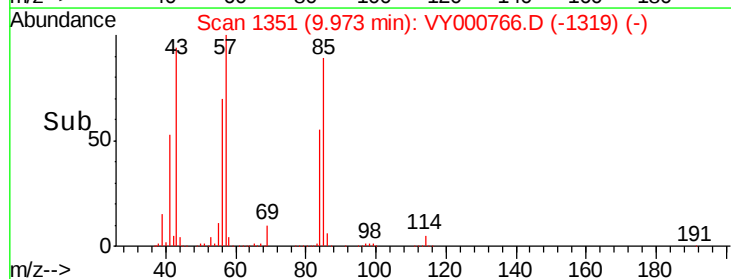
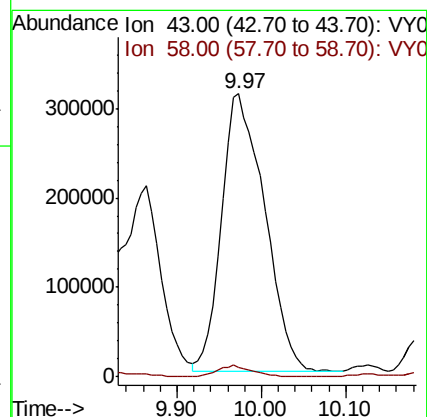
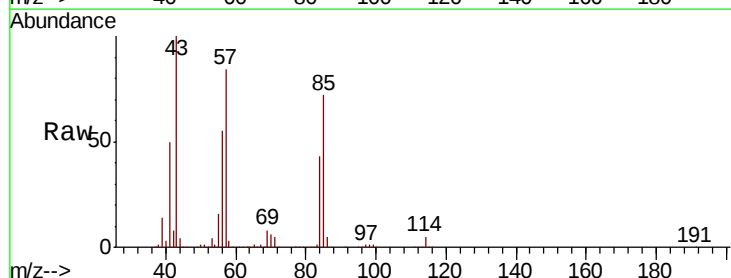
Acq: 21 Nov 2019 14:36

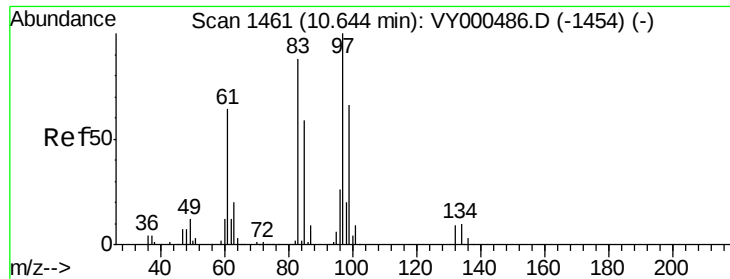
Tgt Ion: 43 Resp: 1078420

Ion Ratio Lower Upper

43 100

58 3.2 30.2 45.4#

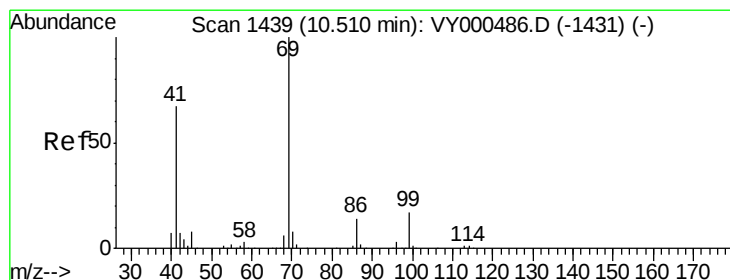
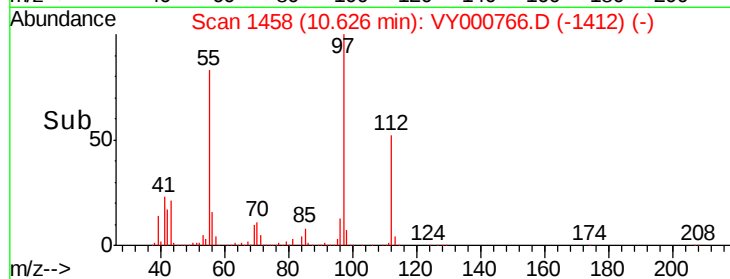
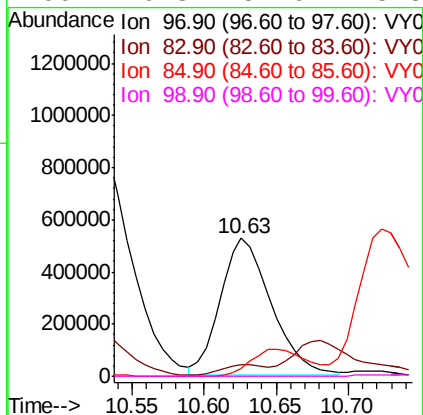
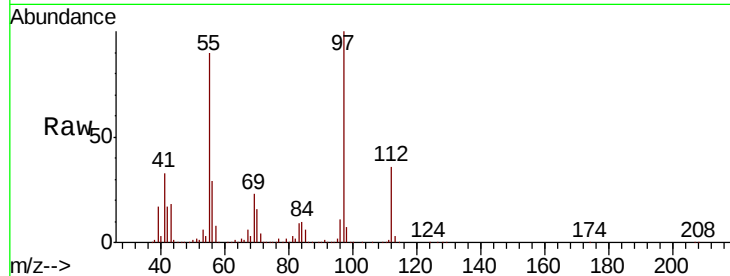




#55
 1,1,2-Trichloroethane
 Concen: 462.906 ug/l
 RT: 10.63 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

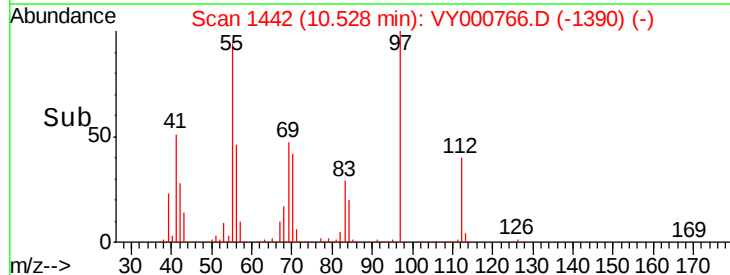
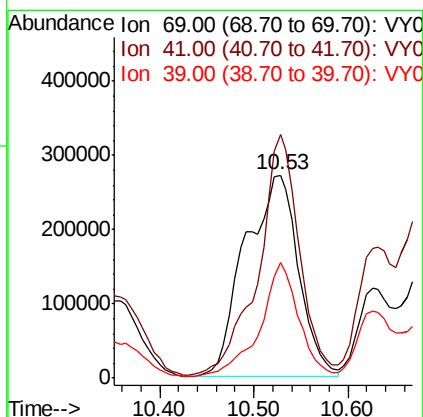
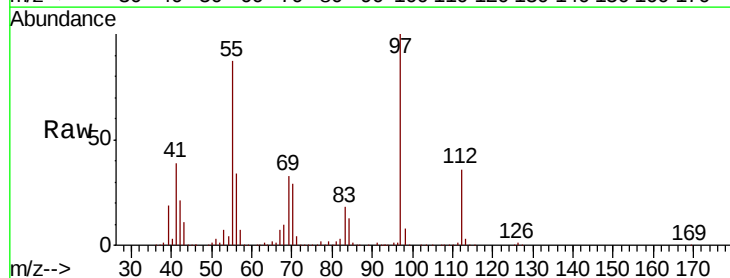
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1-(12-14)

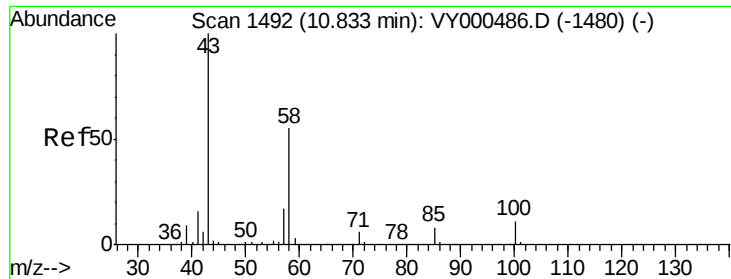
Tot Ion: 97 Resp: 1280246
 Ion Ratio Lower Upper
 97 100
 83 7.8 70.2 105.4#
 85 5.6 46.9 70.3#
 99 0.3 52.6 78.8#



#56
 Ethyl methacrylate
 Concen: 273.126 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.02 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

Tgt Ion: 69 Resp: 1070626
 Ion Ratio Lower Upper
 69 100
 41 91.4 53.3 79.9#
 39 41.3 28.0 42.0

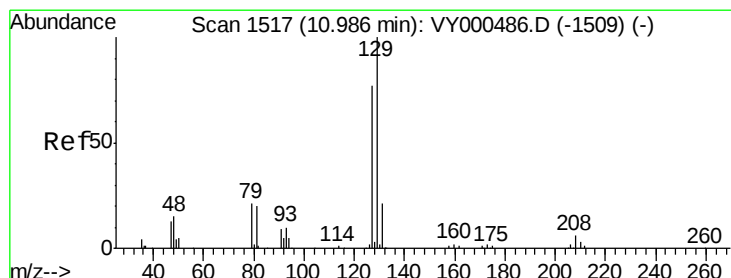
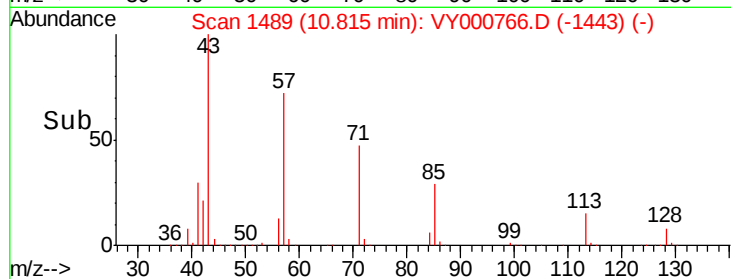
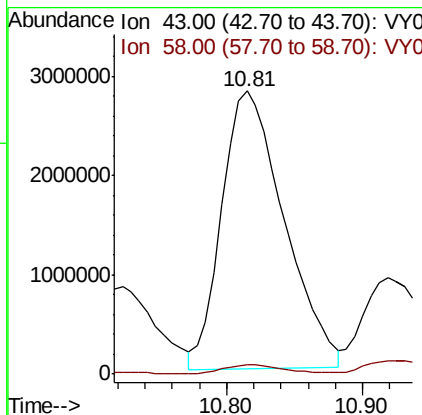
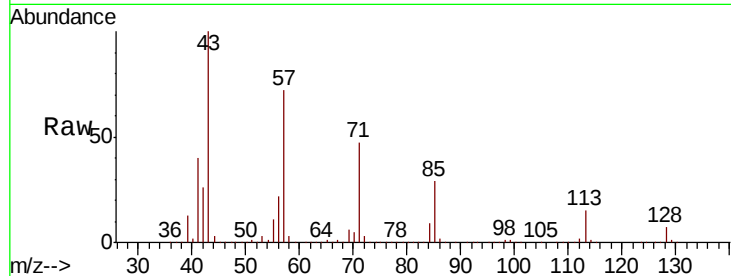




#59
2-Hexanone
Concen: 4317.473 ug/l
RT: 10.81 min Scan# 1489
Delta R.T. -0.02 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

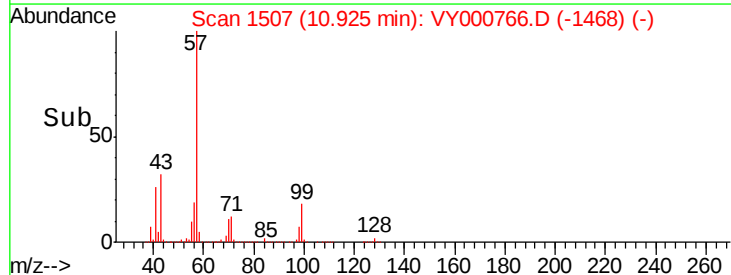
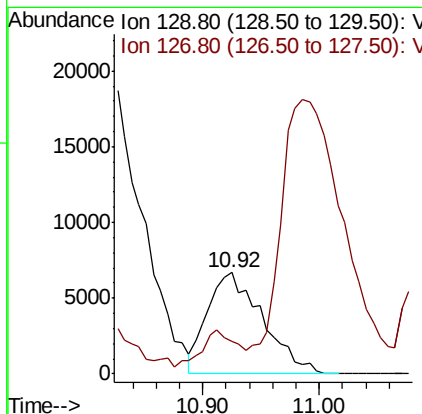
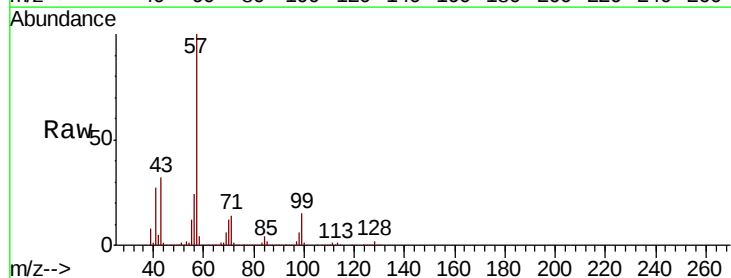
Instrument :
MSVOA_Y
ClientSampleId :
MW-1-(12-14)

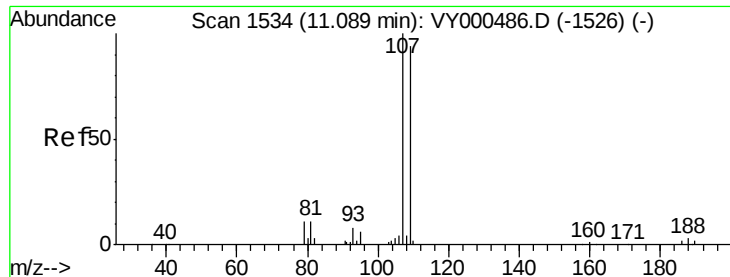
Tot Ion: 43 Resp: 8987837
Ion Ratio Lower Upper
43 100
58 3.0 27.1 81.3#



#60
Dibromochloromethane
Concen: 6.961 ug/l
RT: 10.92 min Scan# 1507
Delta R.T. -0.06 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Tgt Ion: 129 Resp: 22052
Ion Ratio Lower Upper
129 100
127 22.2 39.1 117.2#

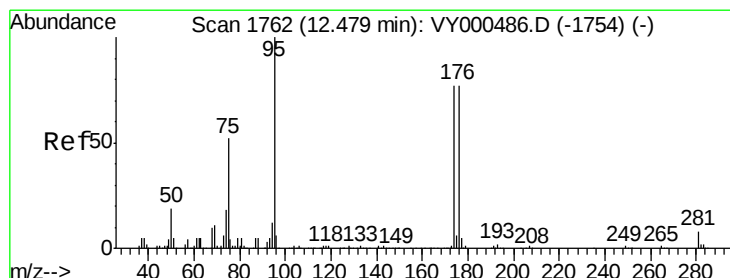
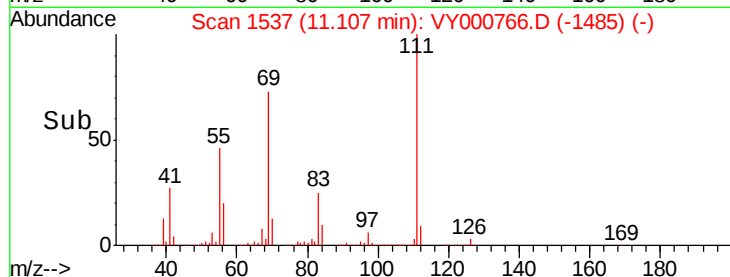
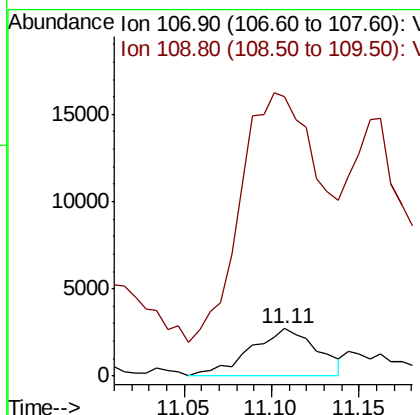
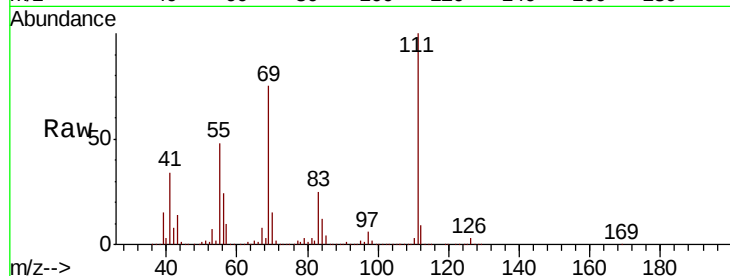




#61
 1,2-Dibromoethane
 Concen: 2.720 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.02 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

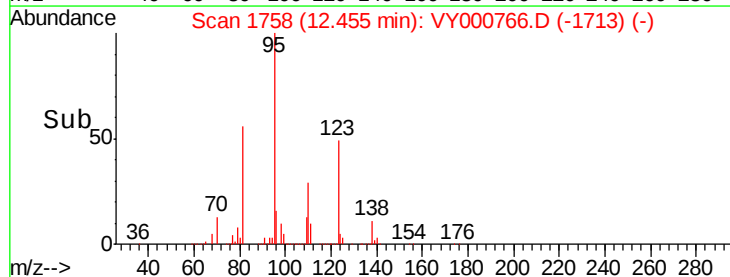
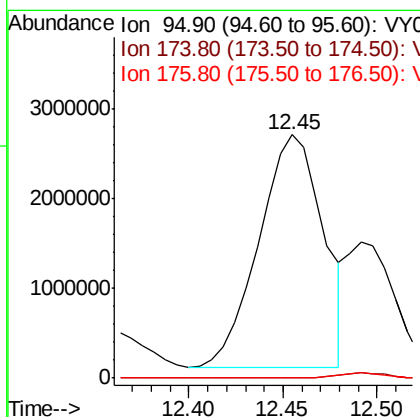
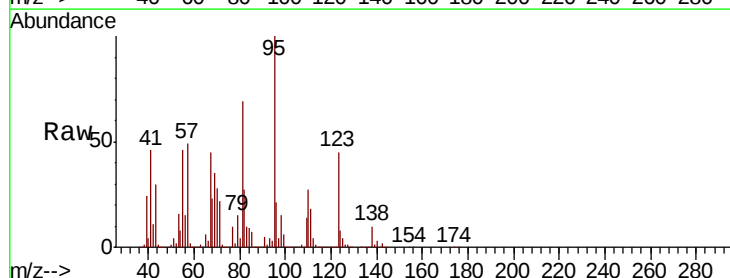
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1-(12-14)

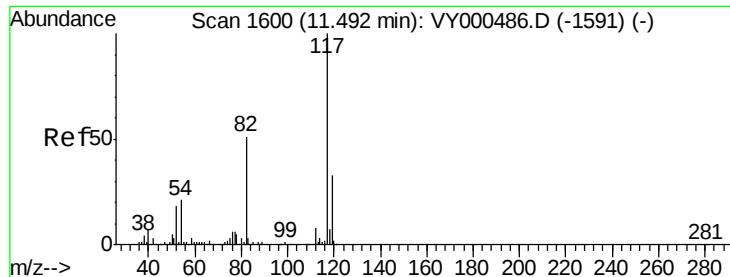
Tot Ion: 107 Resp: 7232
 Ion Ratio Lower Upper
 107 100
 109 628.9 73.6 110.4#



#62
 4-Bromofluorobenzene
 Concen: 1414.457 ug/l
 RT: 12.45 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

Tgt Ion: 95 Resp: 6113938
 Ion Ratio Lower Upper
 95 100
 174 0.0 0.0 161.6
 176 0.0 0.0 157.8

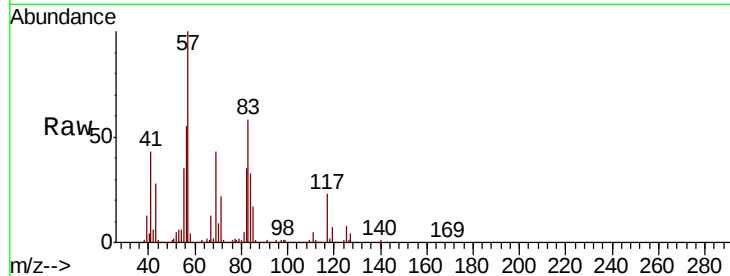




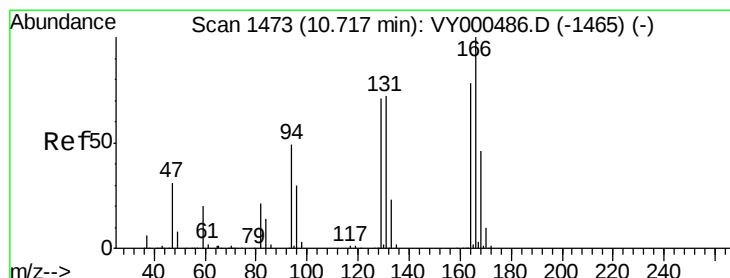
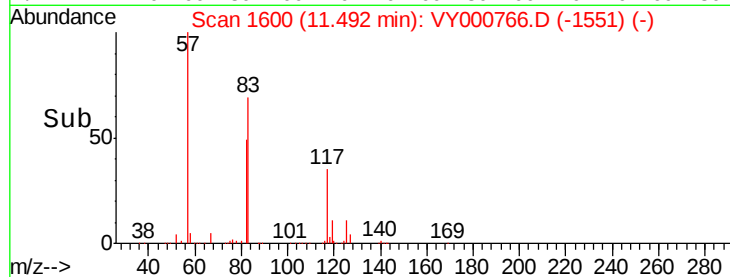
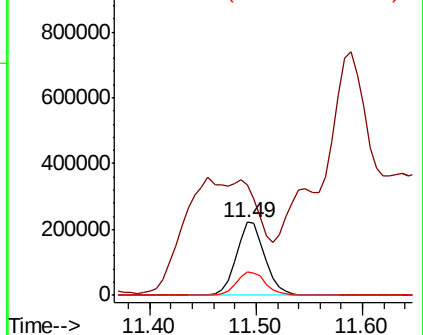
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Instrument :
MSVOA_Y
ClientSampleId :
MW-1-(12-14)

Tot Ion:117 Resp: 416756
Ion Ratio Lower Upper
117 100
82 31.3 40.8 61.2#
119 31.7 26.2 39.2

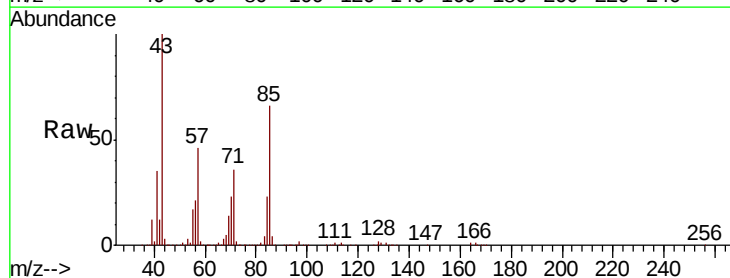


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

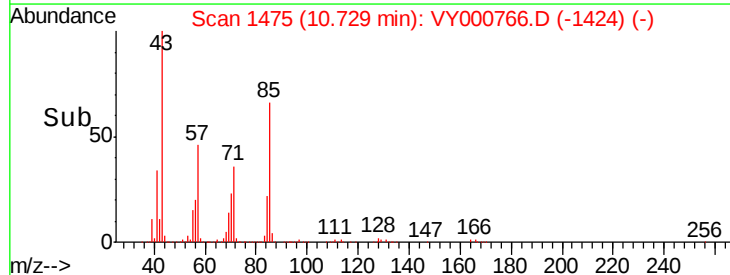
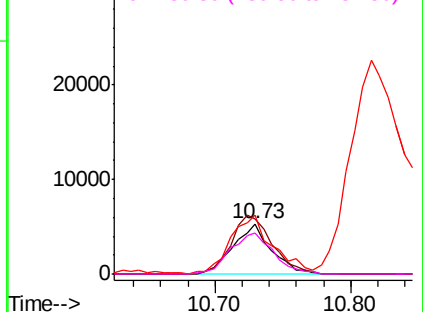


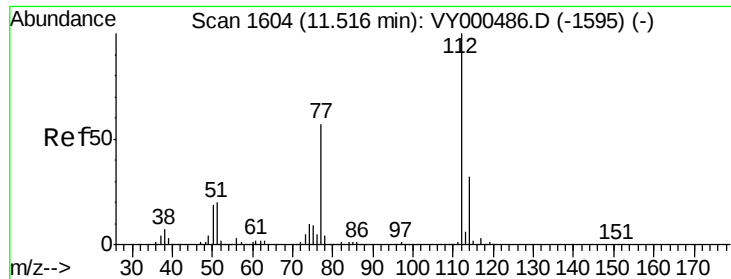
#64
Tetrachloroethene
Concen: 3.018 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Tgt Ion:164 Resp: 10401
Ion Ratio Lower Upper
164 100
166 111.0 102.7 154.1
129 115.8 73.2 109.8#
131 82.6 74.2 111.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

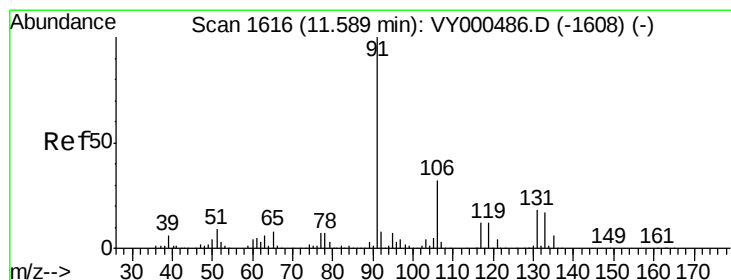
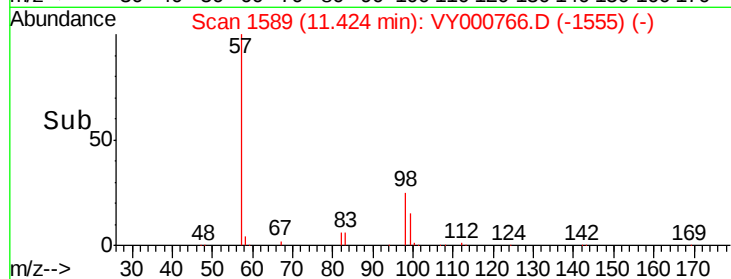
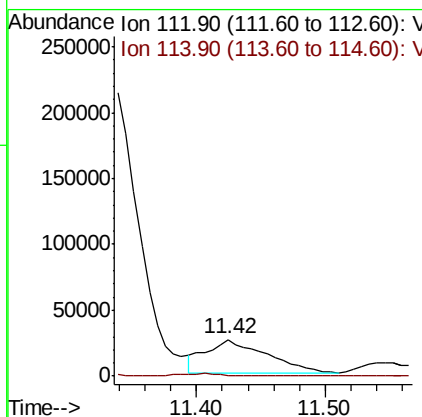
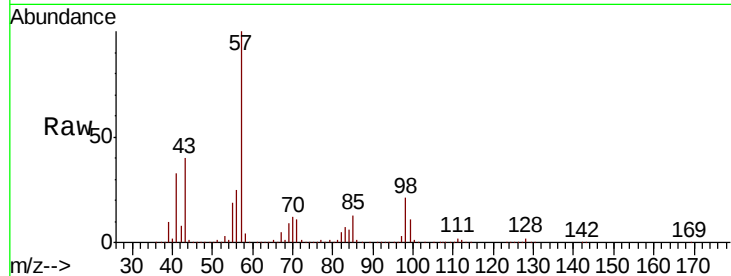




#65
Chlorobenzene
Concen: 9.671 ug/l
RT: 11.42 min Scan# 1589
Delta R.T. -0.09 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

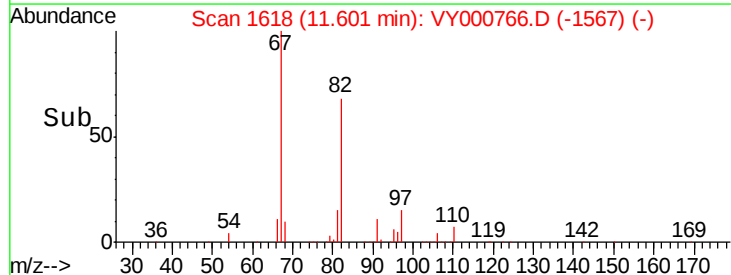
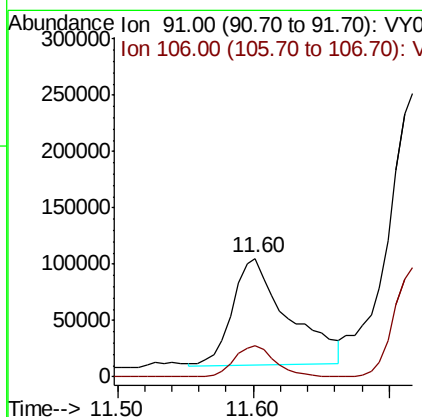
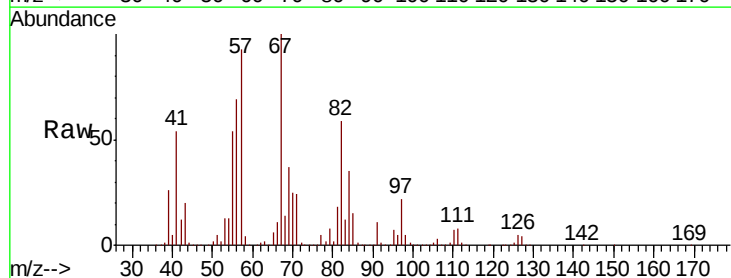
Instrument :
MSVOA_Y
ClientSampleId :
MW-1-(12-14)

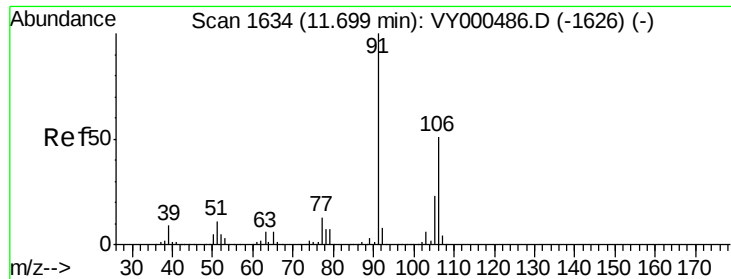
Tot Ion:112 Resp: 81718
Ion Ratio Lower Upper
112 100
114 0.8 25.3 37.9#



#67
Ethyl Benzene
Concen: 17.316 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Tgt Ion: 91 Resp: 269283
Ion Ratio Lower Upper
91 100
106 29.5 25.4 38.0

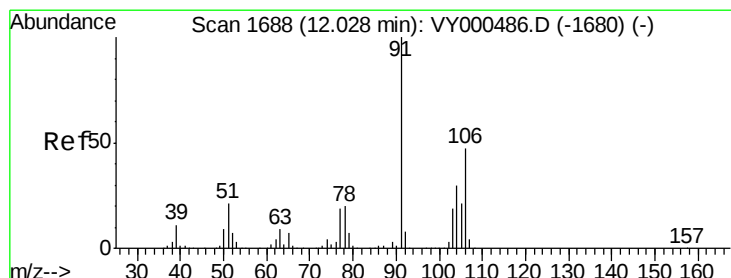
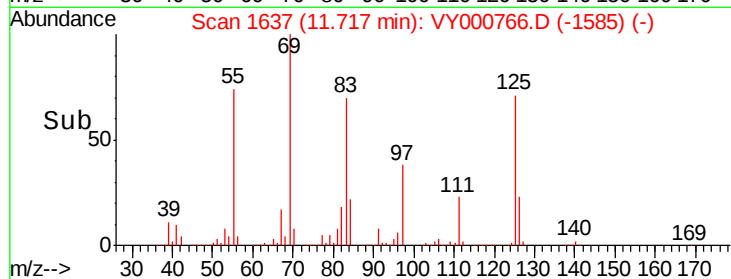
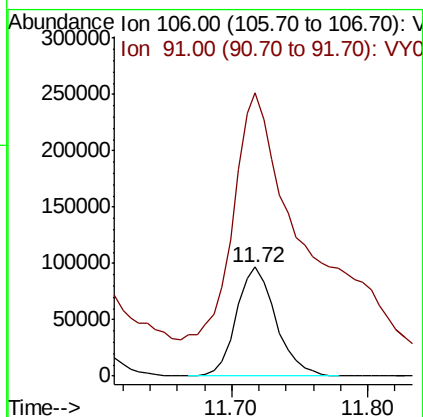
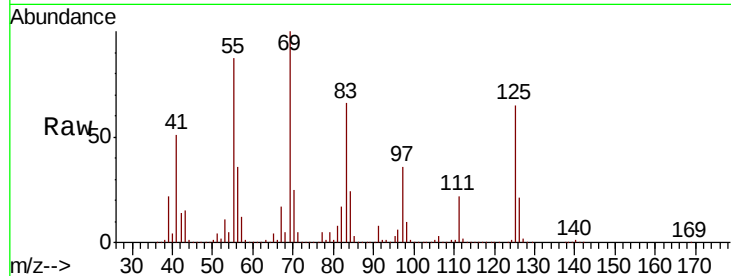




#68
m/p-Xylenes
Concen: 32.503 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.02 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

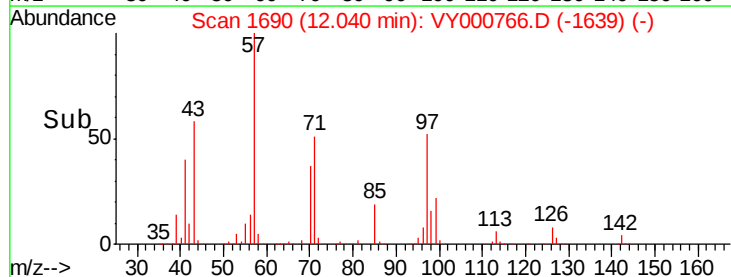
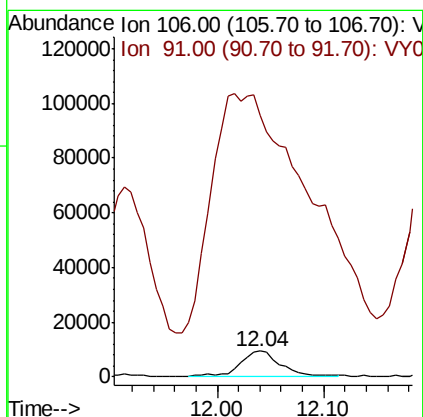
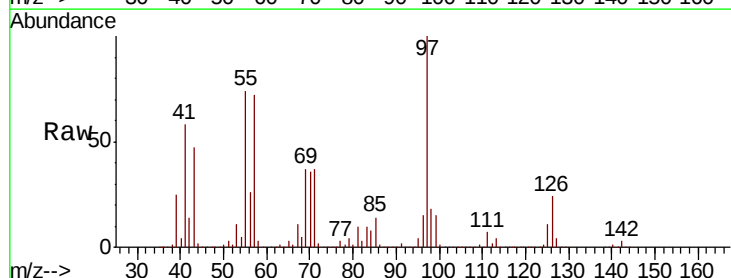
Instrument :
MSVOA_Y
ClientSampleId :
MW-1-(12-14)

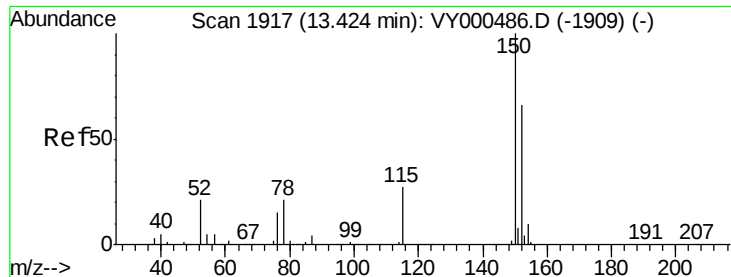
Tot Ion:106 Resp: 195634
Ion Ratio Lower Upper
106 100
91 499.2 155.9 233.9#



#69
o-Xylene
Concen: 4.439 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Tgt Ion:106 Resp: 25110
Ion Ratio Lower Upper
106 100
91 0.0 106.5 319.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.41 min Scan# 1915

Delta R.T. -0.01 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampleId :

MW-1-(12-14)

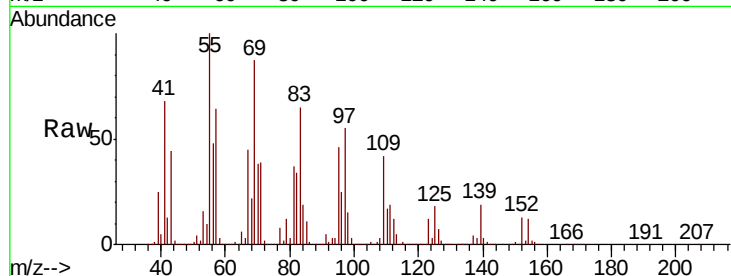
Tot Ion:152 Resp: 424062

Ion Ratio Lower Upper

152 100

115 11.0 29.1 87.4#

150 27.6 0.0 348.8

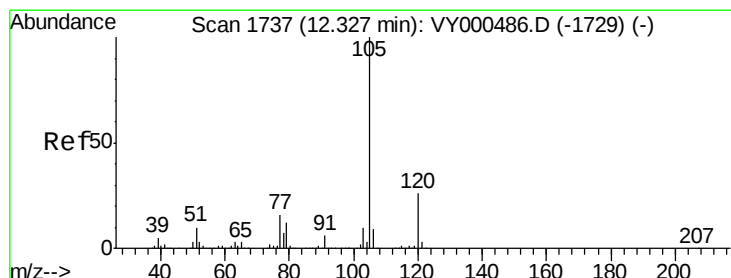
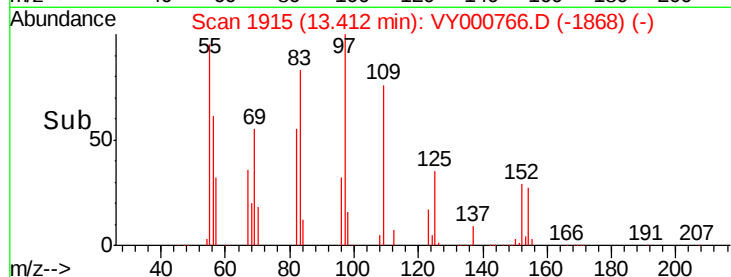
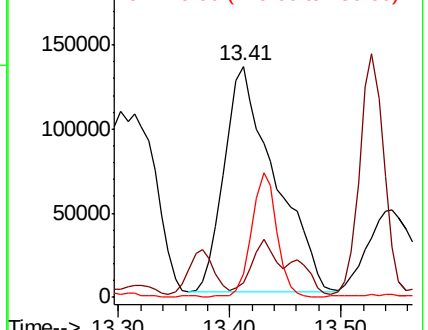


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 181.179 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. 0.02 min

Lab File: VY000766.D

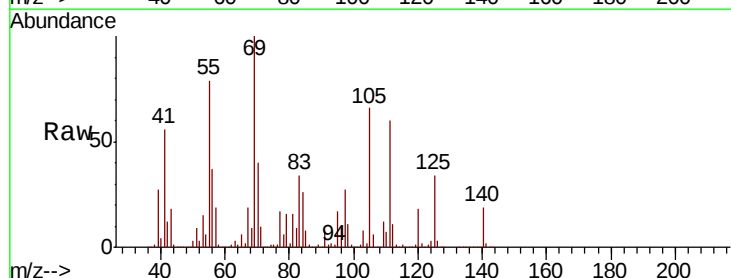
Acq: 21 Nov 2019 14:36

Tgt Ion:105 Resp: 5678405

Ion Ratio Lower Upper

105 100

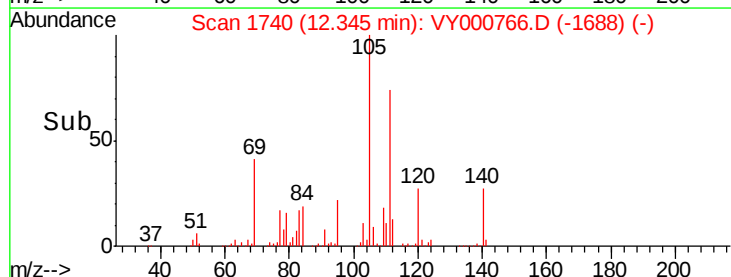
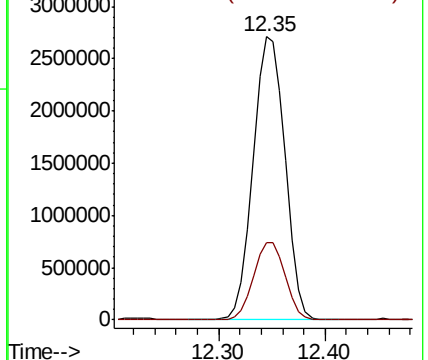
120 27.1 13.5 40.4

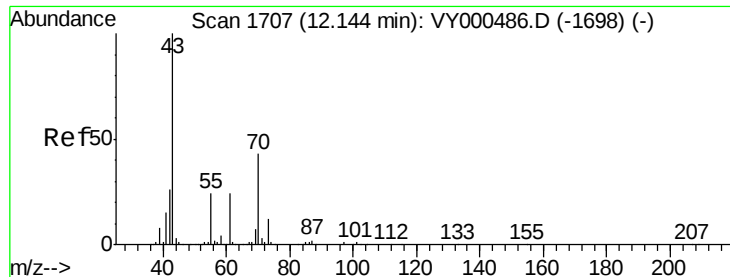


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1069.803 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

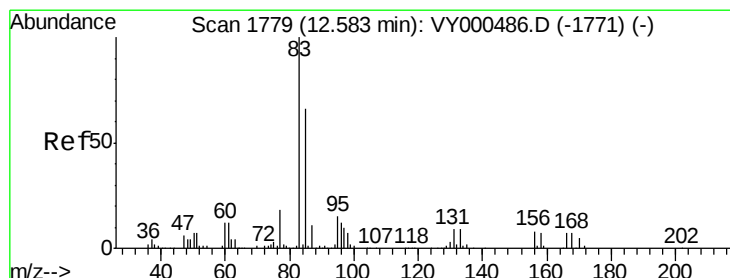
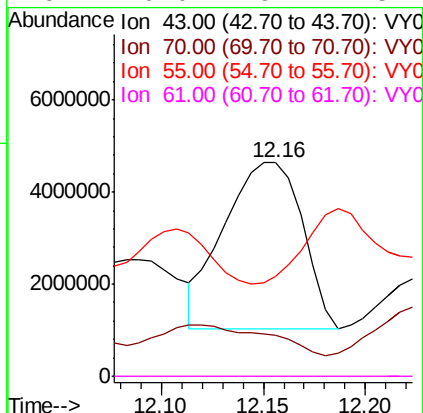
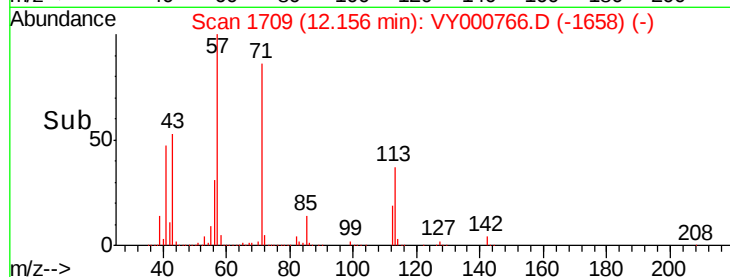
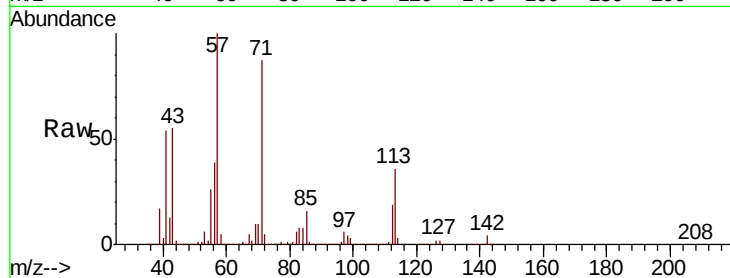
MSVOA_Y

ClientSampleId :

MW-1-(12-14)

Tot Ion: 43 Resp: 9602687

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.1	49.7#
55	0.0	18.0	27.0#
61	0.0	19.1	28.7#



#75

1,1,2,2-Tetrachloroethane

Concen: 225.017 ug/l

RT: 12.57 min Scan# 1777

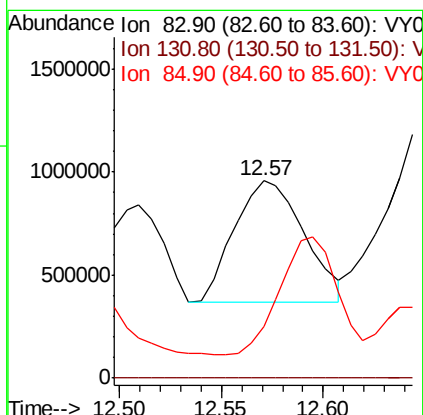
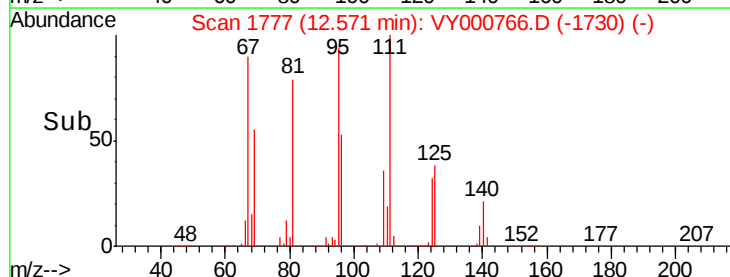
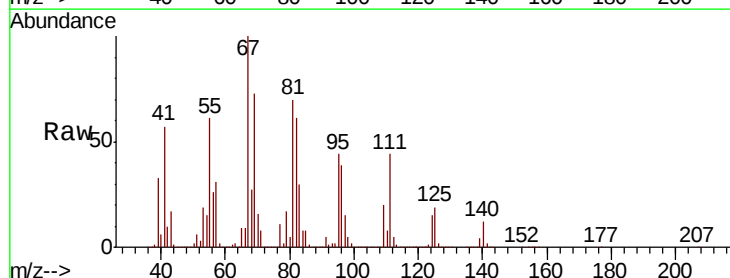
Delta R.T. -0.01 min

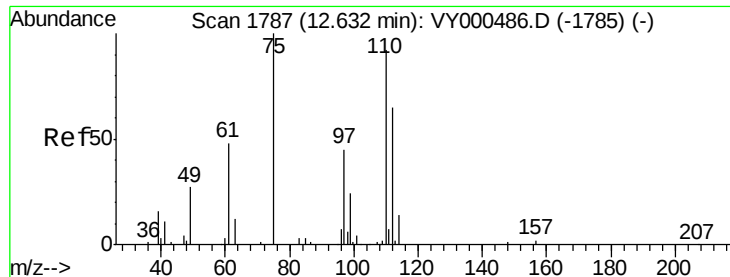
Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Tgt Ion: 83 Resp: 1396371

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	0.0	32.3	96.9#





#76

1,2,3-Trichloropropane

Concen: 9.347 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.05 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampled :

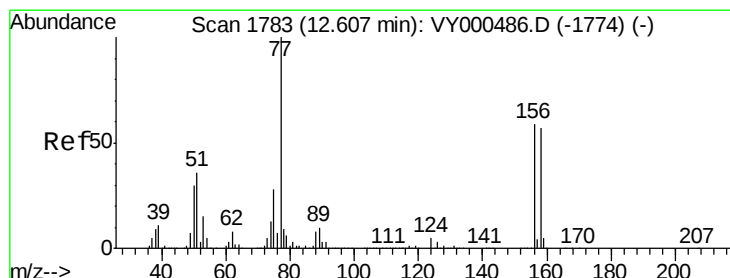
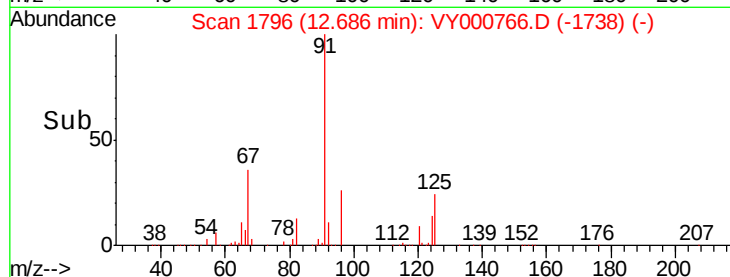
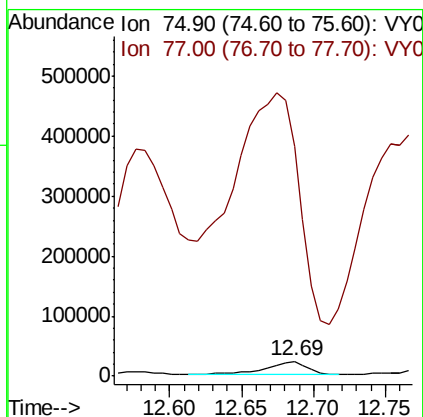
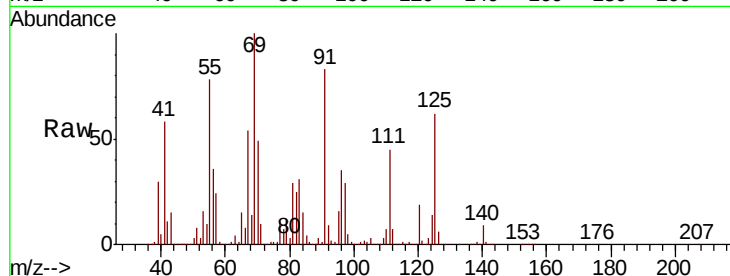
MW-1-(12-14)

Tot Ion: 75 Resp: 45130

Ion Ratio Lower Upper

75 100

77 2611.9 0.0 0.0#



#77

Bromobenzene

Concen: 4.164 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.02 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

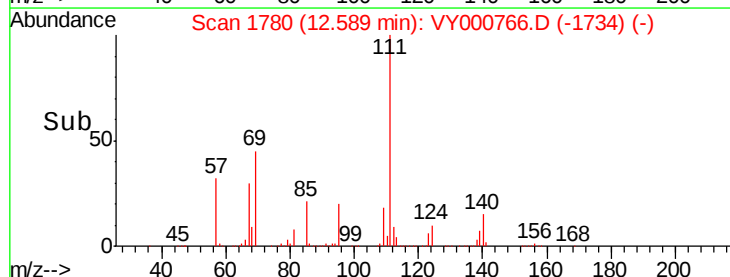
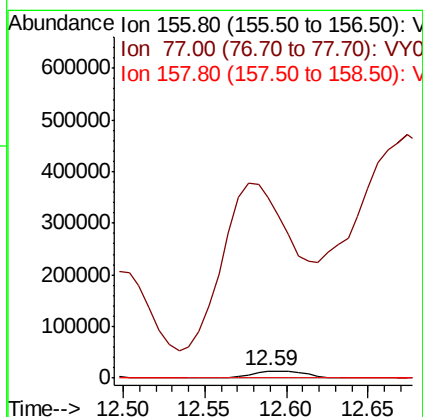
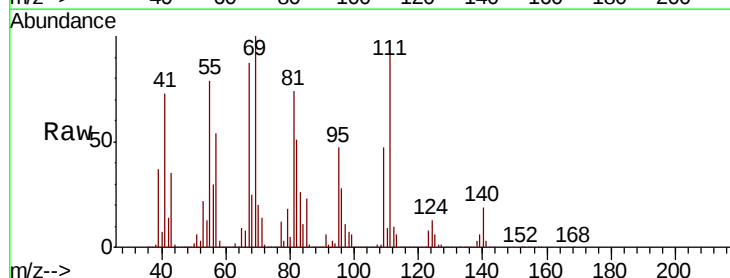
Tgt Ion: 156 Resp: 29595

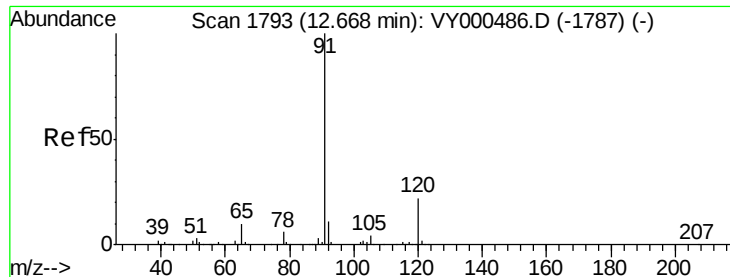
Ion Ratio Lower Upper

156 100

77 3437.2 98.2 294.4#

158 0.5 49.6 149.0#





#78

n-propylbenzene

Concen: 135.819 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.02 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampleId :

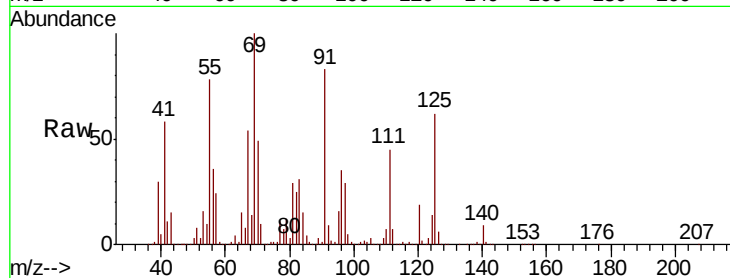
MW-1-(12-14)

Tot Ion: 91 Resp: 5136122

Ion Ratio Lower Upper

91 100

120 23.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

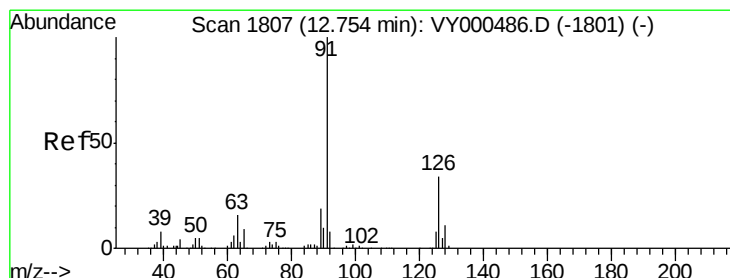
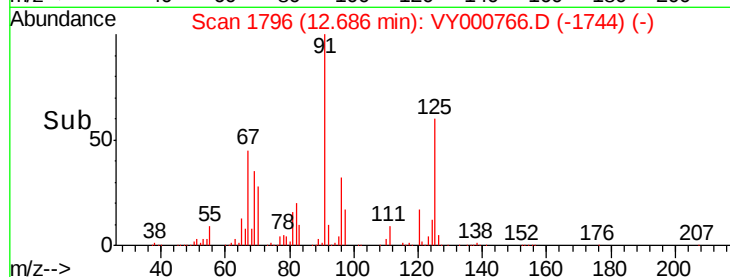
3000000

2000000

1000000

0

Time-->



#79

2-Chlorotoluene

Concen: 244.649 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. -0.07 min

Lab File: VY000766.D

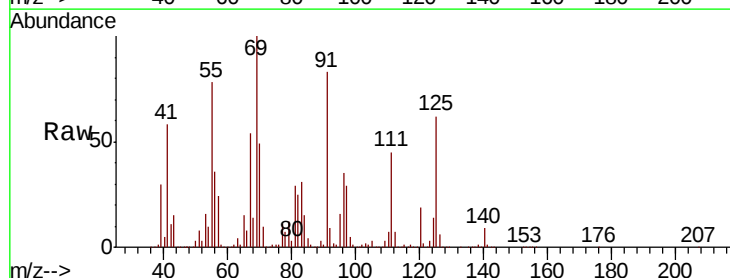
Acq: 21 Nov 2019 14:36

Tgt Ion: 91 Resp: 5136122

Ion Ratio Lower Upper

91 100

126 23.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

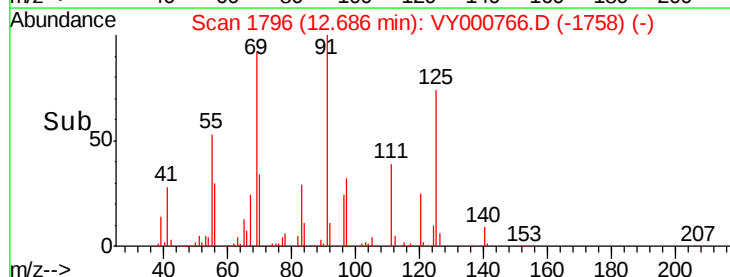
3000000

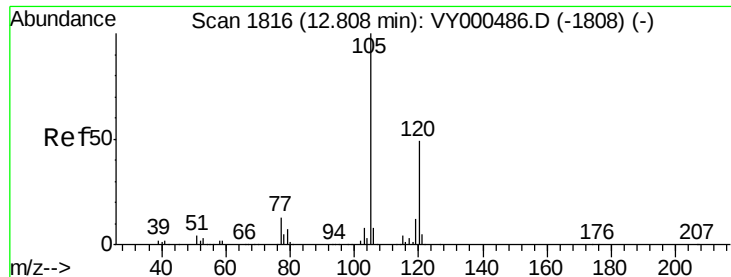
2000000

1000000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 61.004 ug/l

RT: 12.78 min Scan# 1811

Delta R.T. -0.03 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampled :

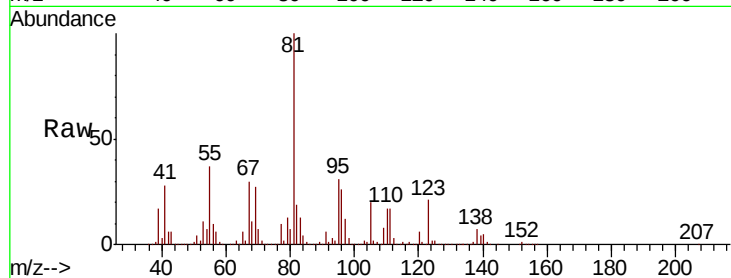
MW-1-(12-14)

Tot Ion:105 Resp: 1592366

Ion Ratio Lower Upper

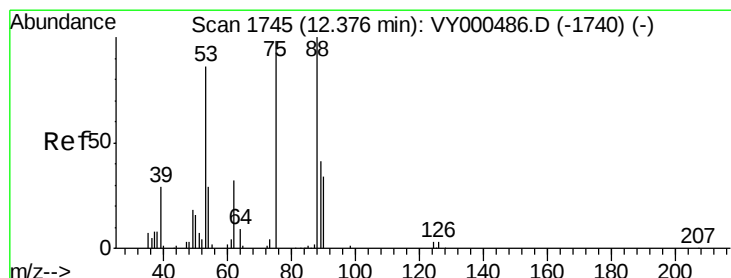
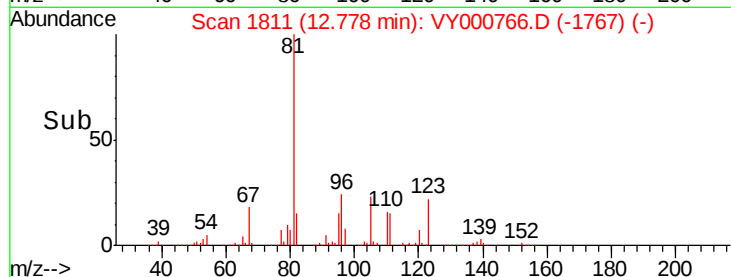
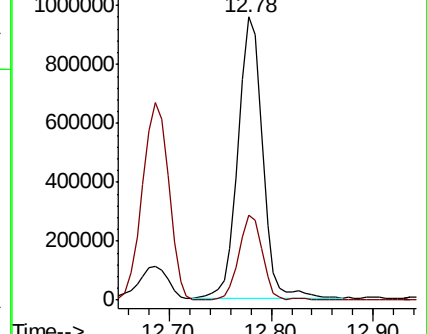
105 100

120 28.5 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 39.015 ug/l

RT: 12.35 min Scan# 1740

Delta R.T. -0.03 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

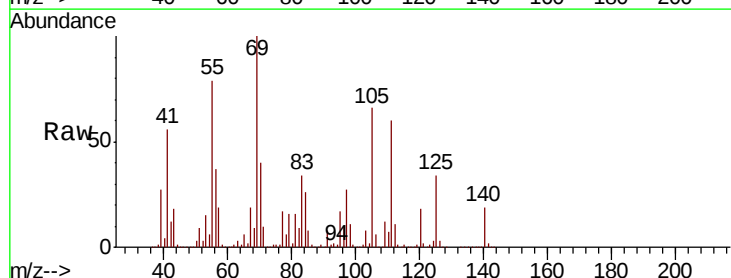
Tgt Ion: 75 Resp: 84020

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

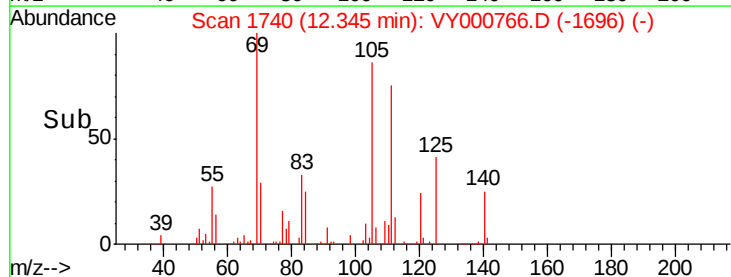
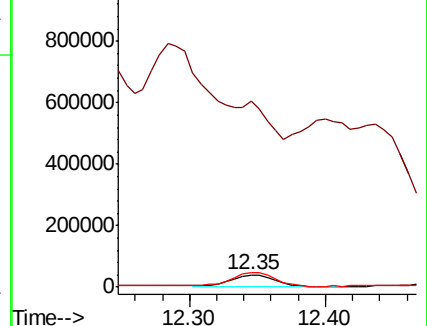
89 124.0 35.9 53.9#

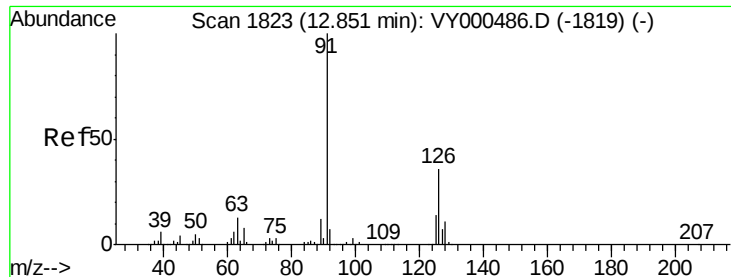


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

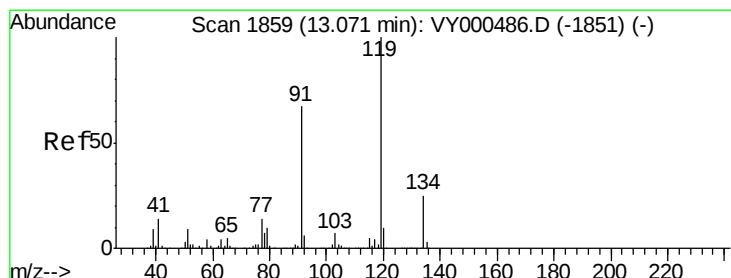
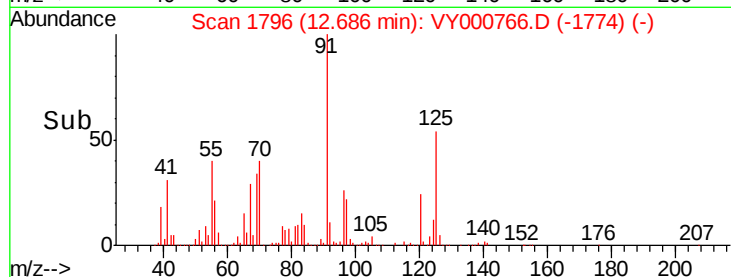
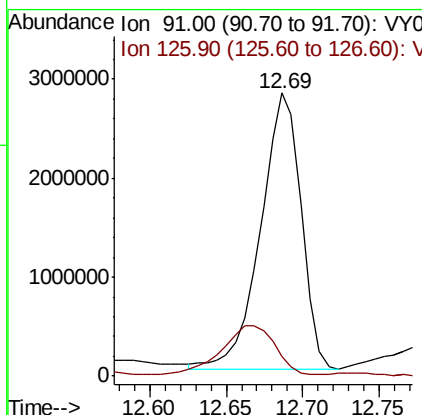
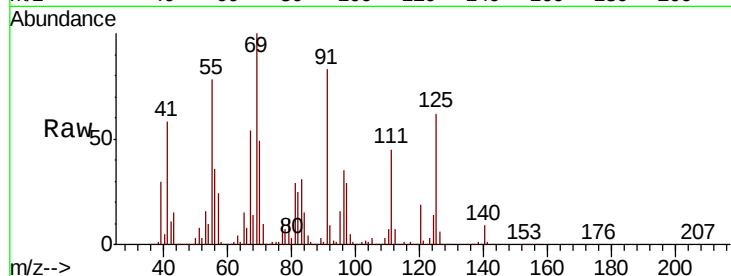




#82
4-Chlorotoluene
Concen: 236.015 ug/l
RT: 12.69 min Scan# 1796
Delta R.T. -0.16 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

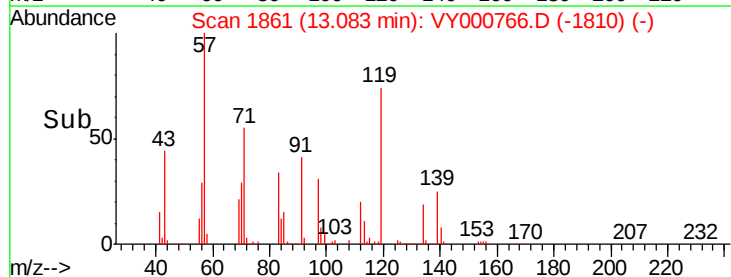
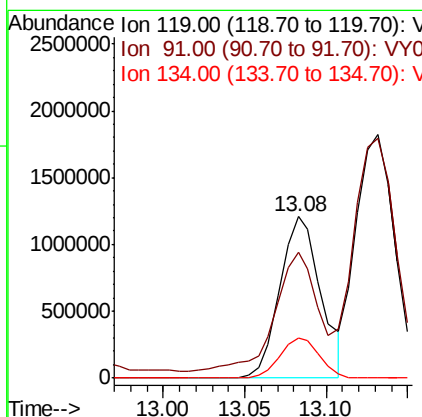
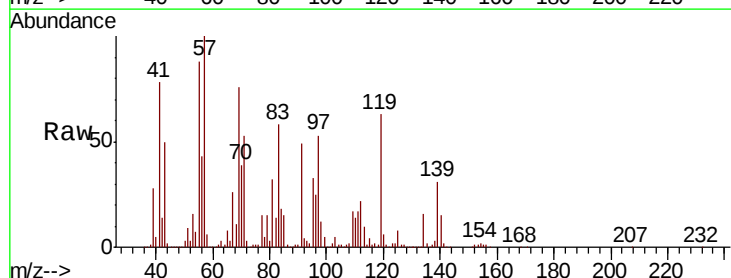
Instrument :
MSVOA_Y
ClientSampleId :
MW-1-(12-14)

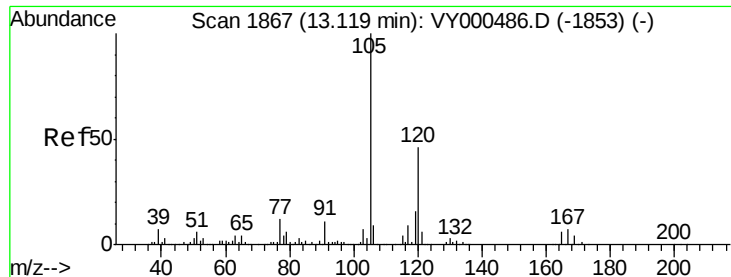
Tot Ion: 91 Resp: 5136122
Ion Ratio Lower Upper
91 100
126 23.5 17.6 52.9



#83
tert-Butylbenzene
Concen: 94.855 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VY000766.D
Acq: 21 Nov 2019 14:36

Tgt Ion: 119 Resp: 2114084
Ion Ratio Lower Upper
119 100
91 74.2 32.1 96.3
134 23.9 13.2 39.5

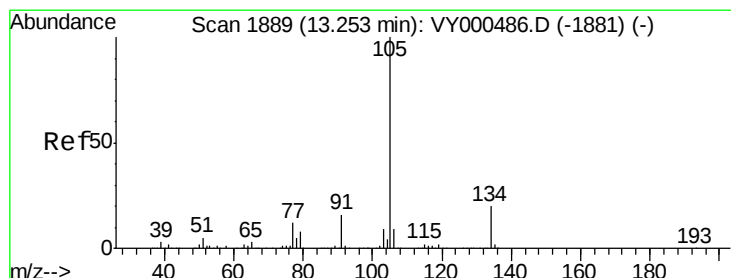
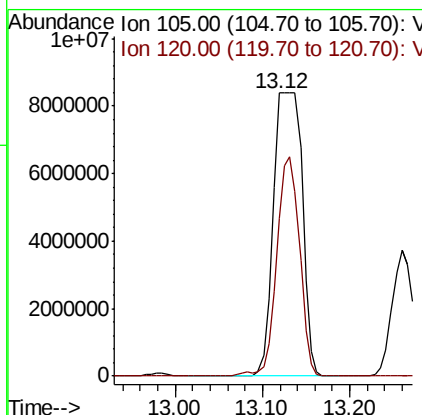
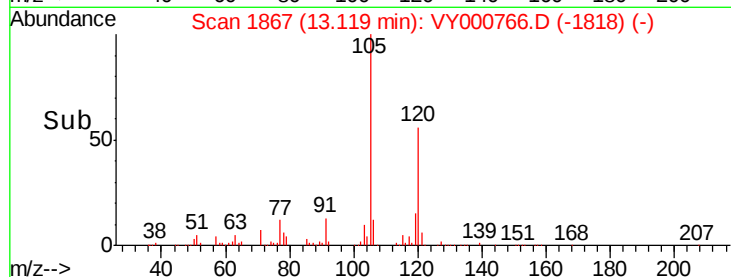
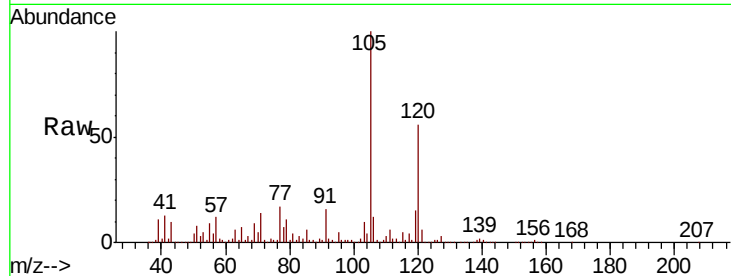




#84
 1,2,4-Trimethylbenzene
 Concen: 742.752 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

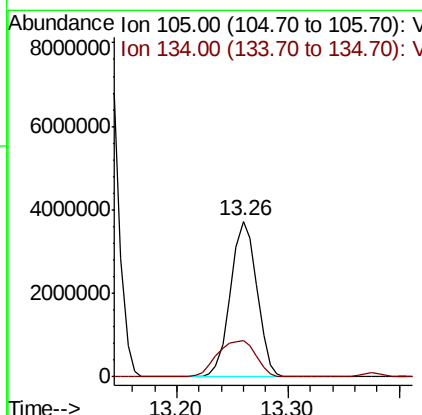
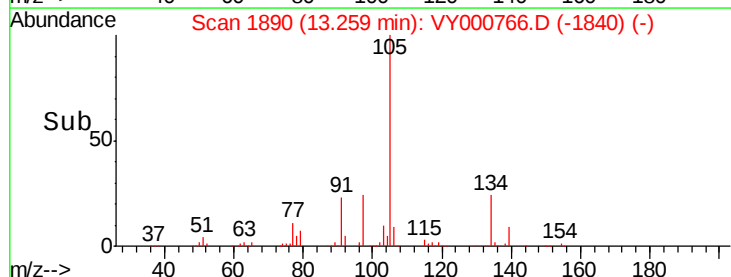
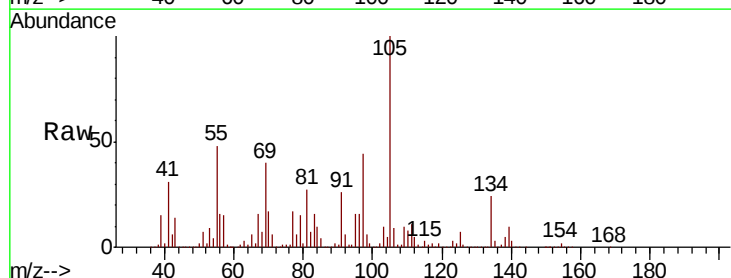
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1-(12-14)

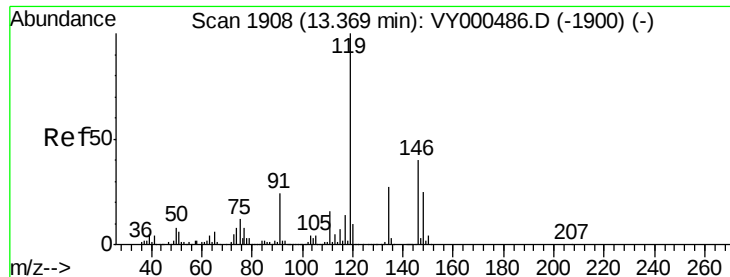
Tot Ion:105 Resp:19303692
 Ion Ratio Lower Upper
 105 100
 120 61.5 23.3 69.9



#85
 sec-Butylbenzene
 Concen: 192.721 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

Tgt Ion:105 Resp: 6119507
 Ion Ratio Lower Upper
 105 100
 134 34.2 10.1 30.1#

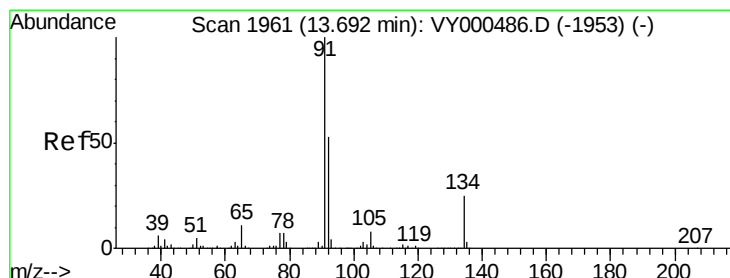
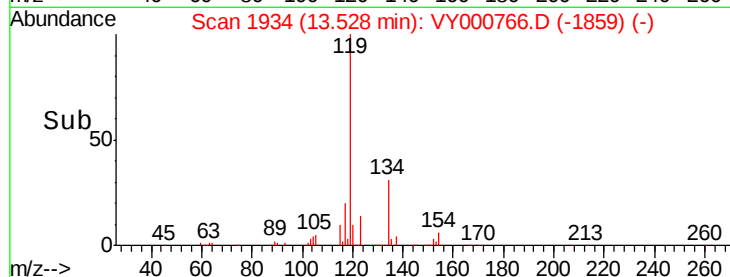
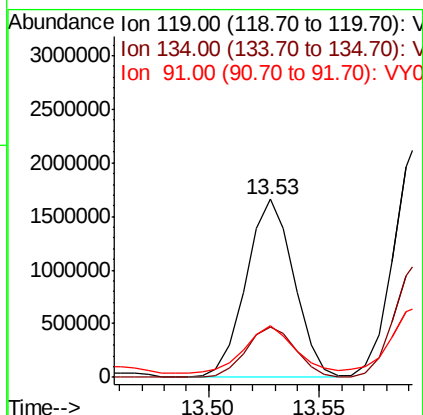
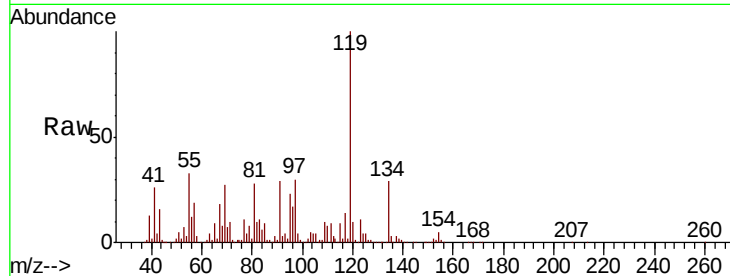




#86
 p-Isopropyltoluene
 Concen: 87.786 ug/l
 RT: 13.53 min Scan# 1934
 Delta R.T. 0.16 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

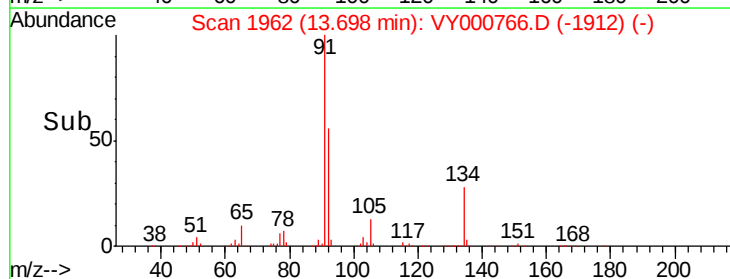
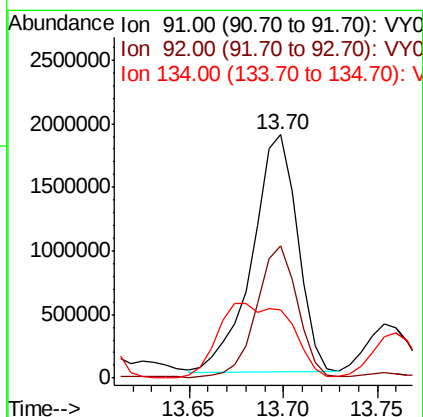
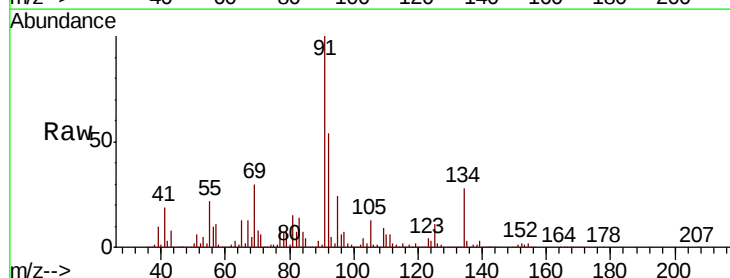
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-1-(12-14)

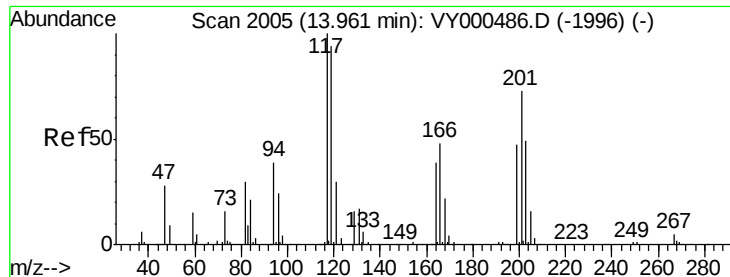
Tot Ion:119 Resp: 2484351
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.6 40.8
 91 28.3 12.0 36.1



#89
 n-Butylbenzene
 Concen: 111.704 ug/l
 RT: 13.70 min Scan# 1962
 Delta R.T. 0.01 min
 Lab File: VY000766.D
 Acq: 21 Nov 2019 14:36

Tgt Ion: 91 Resp: 3117929
 Ion Ratio Lower Upper
 91 100
 92 49.8 26.8 80.3
 134 50.7 12.9 38.7#





#90

Hexachloroethane

Concen: 107.701 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

Instrument :

MSVOA_Y

ClientSampled :

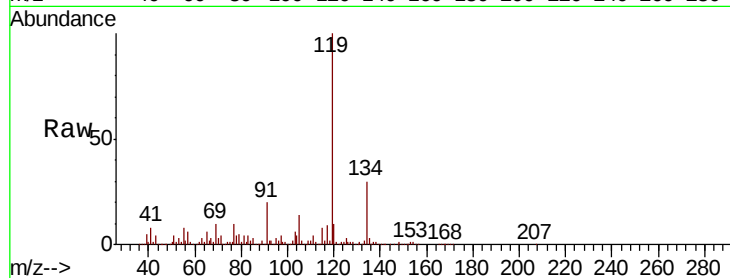
MW-1-(12-14)

Tot Ion:117 Resp: 563477

Ion Ratio Lower Upper

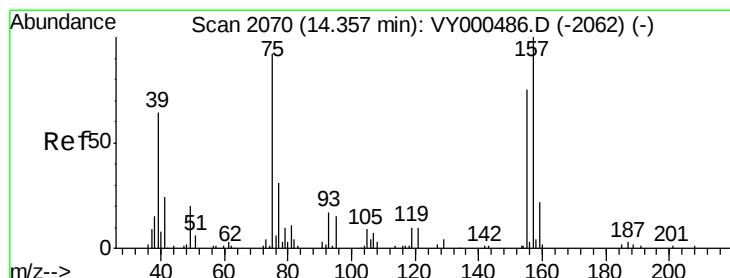
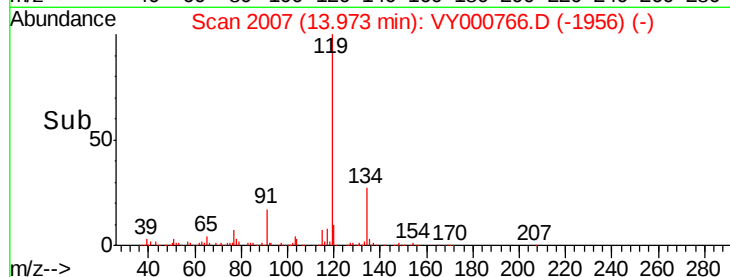
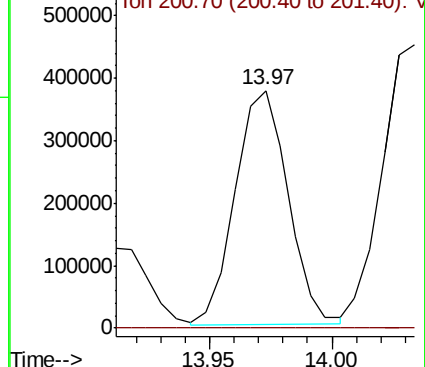
117 100

201 0.0 35.8 107.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.149 ug/l

RT: 14.38 min Scan# 2073

Delta R.T. 0.02 min

Lab File: VY000766.D

Acq: 21 Nov 2019 14:36

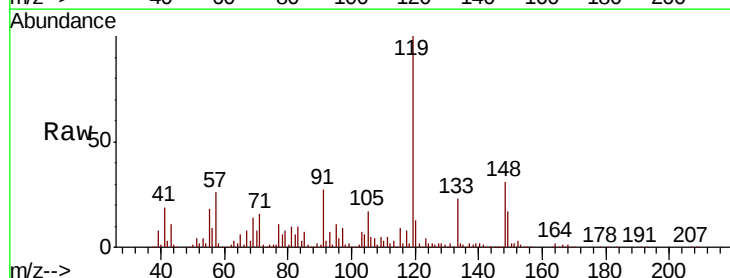
Tgt Ion: 75 Resp: 2360

Ion Ratio Lower Upper

75 100

155 46.1 42.4 127.1

157 0.0 55.1 165.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

