

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000769.D
 Acq On : 21 Nov 2019 15:42
 Operator : SY/MD
 Sample : K5957-11RE
 Misc : 4.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-5-(12-14)RE

Quant Time: Nov 22 03:14:26 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	7525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	13082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	13047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	6025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	5239	67.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.56%	
35) Dibromofluoromethane	7.74	113	2162	28.15	ug/l	0.01
Spiked Amount	50.000		Recovery	=	56.30%	
50) Toluene-d8	10.17	98	15474	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.47	95	5992	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	

Target Compounds

						Qvalue
3) Chloromethane	2.11	50	411	4.028	ug/l	98
5) Bromomethane	2.67	94	336	5.913	ug/l #	39
10) Methyl Iodide	4.11	142	159	4.661	ug/l #	89
11) Tert butyl alcohol	4.93	59	50	6.596	ug/l #	72
16) Acetone	3.94	43	139	6.476	ug/l #	74
20) Methylene Chloride	4.72	84	154	1.675	ug/l #	6
25) 2-Butanone	7.01	43	69	2.014	ug/l #	49
26) 2,2-Dichloropropane	6.98	77	133	1.011	ug/l #	52
29) Tetrahydrofuran	7.42	42	56	2.672	ug/l #	35
30) Chloroform	7.51	83	277	1.903	ug/l #	17
36) 1,1-Dichloropropene	7.80	75	562	4.544	ug/l #	41
38) Carbon Tetrachloride	7.79	117	375	3.151	ug/l #	11
41) Methacrylonitrile	7.33	41	97	2.368	ug/l #	7
55) 1,1,2-Trichloroethane	10.52	97	135	1.902	ug/l #	14
59) 2-Hexanone	11.04	43	108	2.021	ug/l	84
67) Ethyl Benzene	11.60	91	1235	2.537	ug/l	97
68) m/p-Xylenes	11.70	106	748	3.970	ug/l #	54
73) Isopropylbenzene	12.33	105	2669	5.994	ug/l	87
74) N-amyl acetate	12.12	43	11521	90.339	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.55	83	1165	13.213	ug/l #	25
76) 1,2,3-Trichloropropane	12.48	75	3484	50.785	ug/l #	100
77) Bromobenzene	12.60	156	121	1.198	ug/l #	37
78) n-propylbenzene	12.67	91	6317	11.757	ug/l	97
79) 2-Chlorotoluene	12.73	91	937	3.141	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.81	105	2200	5.932	ug/l	84
81) trans-1,4-Dichloro-2-buten	12.48	75	3484	113.867	ug/l #	23
82) 4-Chlorotoluene	12.84	91	506	1.637	ug/l #	39
83) tert-Butylbenzene	13.07	119	1839	5.808	ug/l	95
84) 1,2,4-Trimethylbenzene	13.12	105	46115	124.887	ug/l	97
85) sec-Butylbenzene	13.25	105	8714	19.315	ug/l #	64
86) p-Isopropyltoluene	13.36	119	1755	4.365	ug/l	96
89) n-Butylbenzene	13.69	91	13135	33.121	ug/l #	82
90) Hexachloroethane	13.97	117	5497	73.951	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.37	75	221	14.163	ug/l #	1

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QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

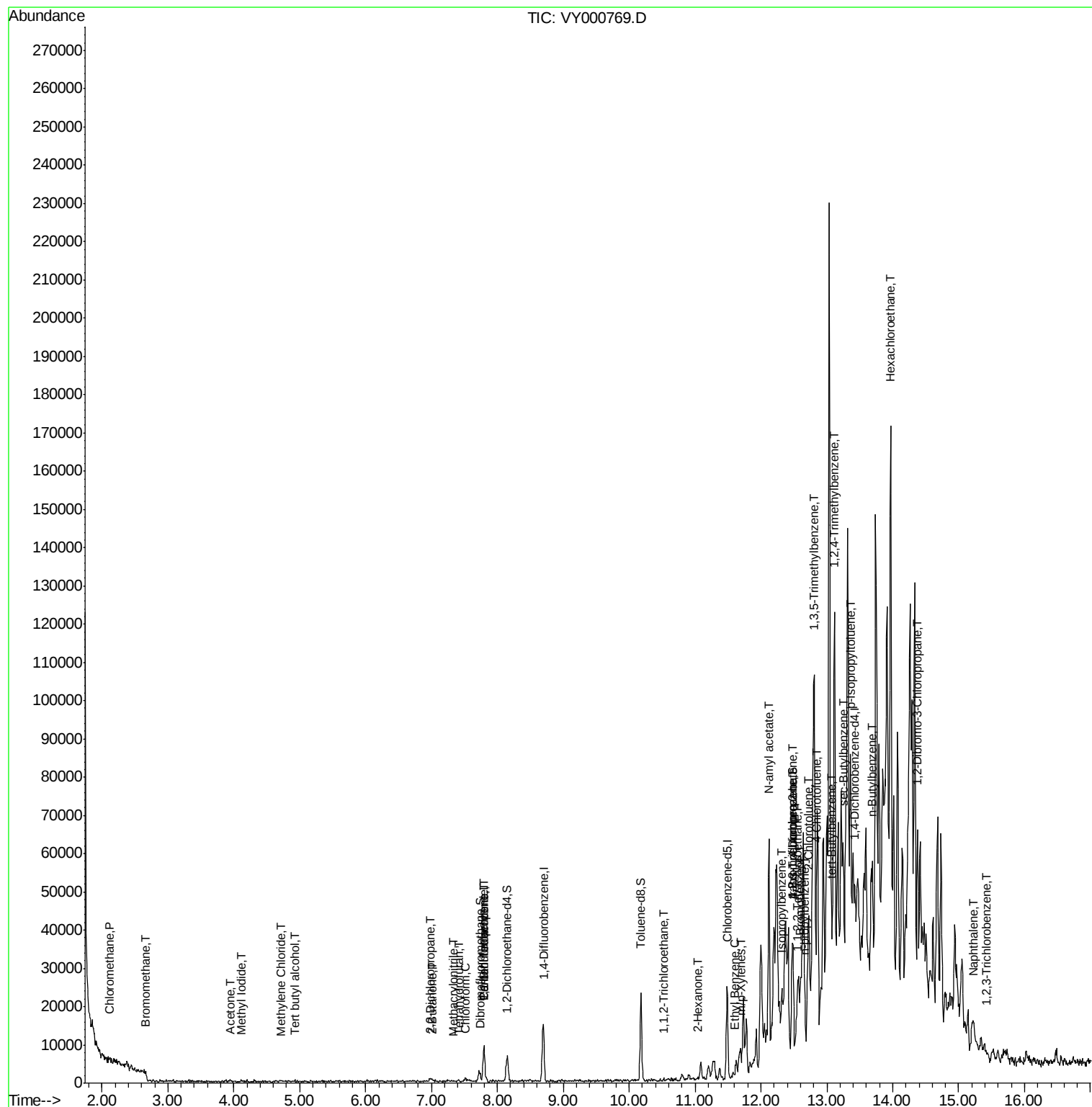
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.23	128	2679	9.876	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.42	180	118	1.076	ug/l #	1

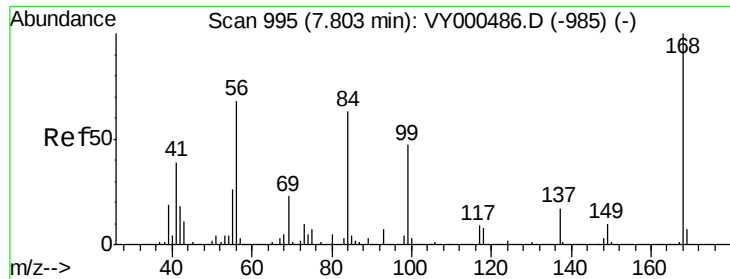
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

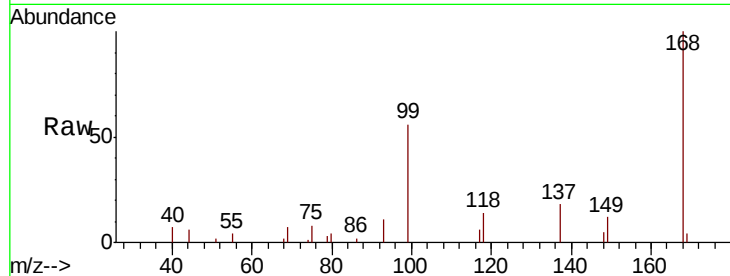
MW-5-(12-14)RE

Tot Ion:168 Resp: 7525

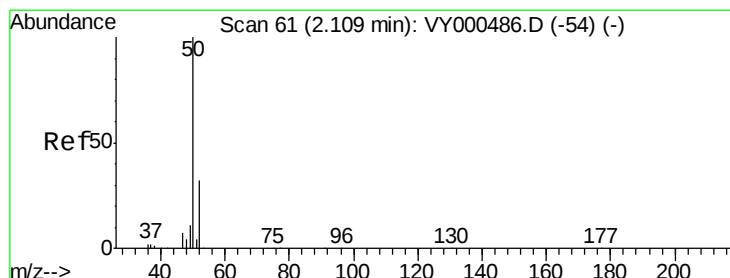
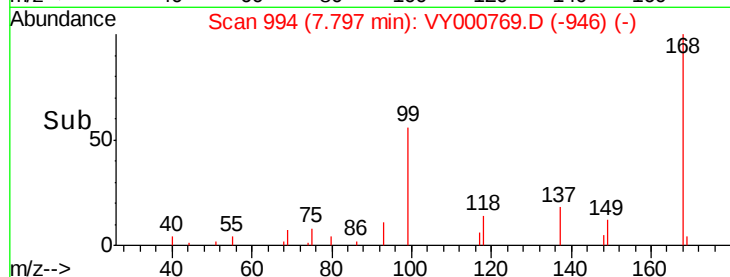
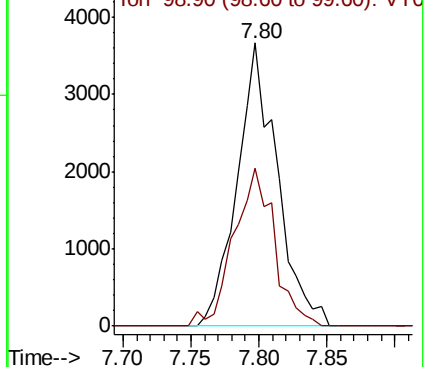
Ion Ratio Lower Upper

168 100

99 55.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#3

Chloromethane

Concen: 4.028 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000769.D

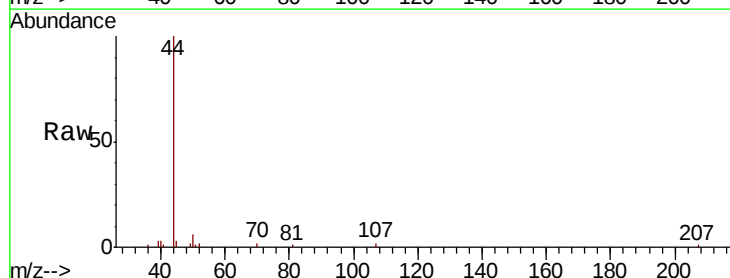
Acq: 21 Nov 2019 15:42

Tgt Ion: 50 Resp: 411

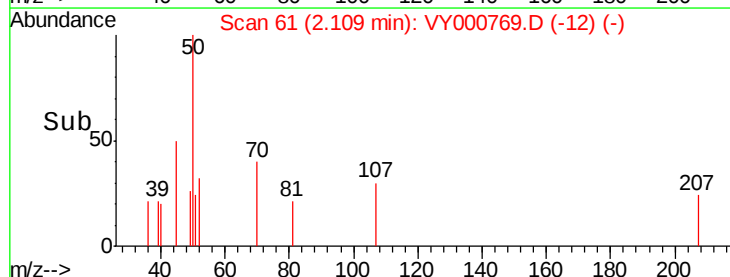
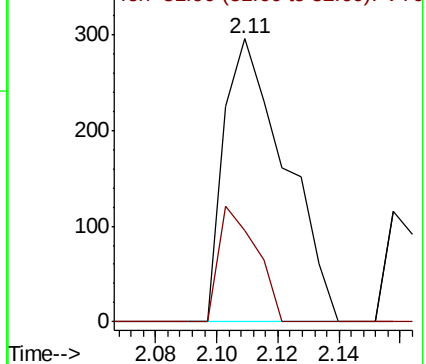
Ion Ratio Lower Upper

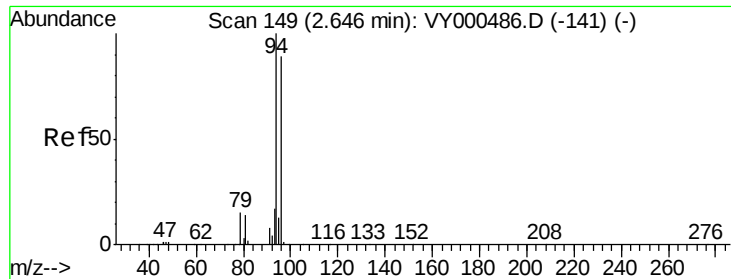
50 100

52 32.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY000486.D (-54) (-)





#5

Bromomethane

Concen: 5.913 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.02 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

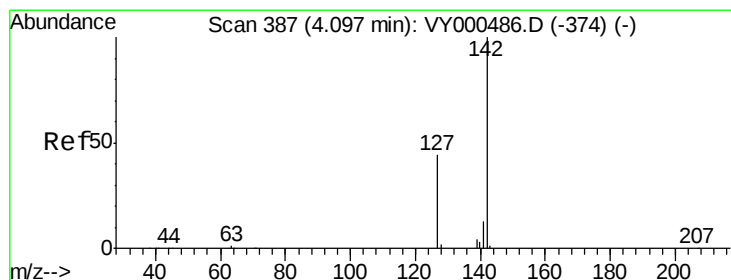
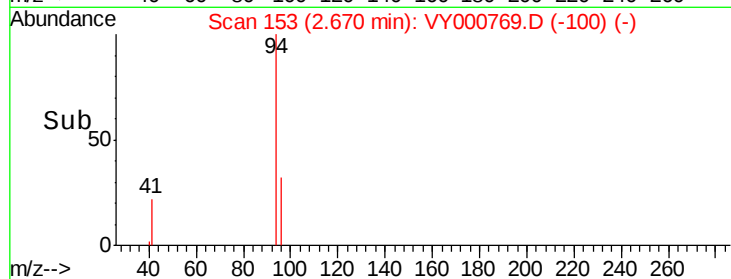
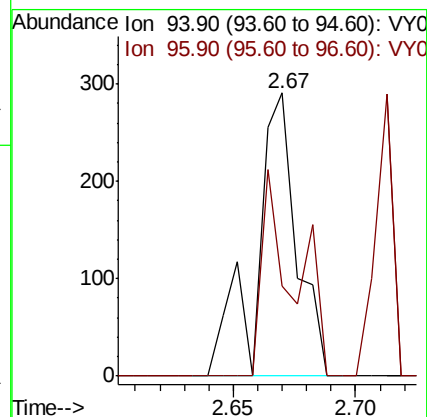
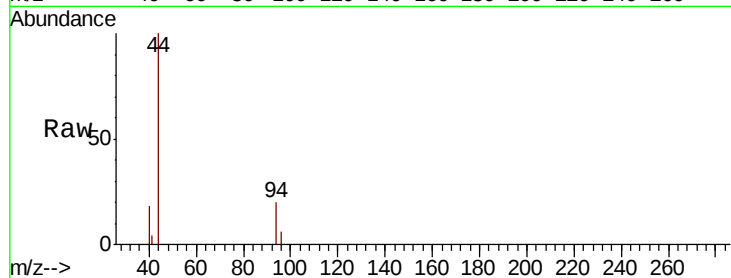
MW-5-(12-14)RE

Tot Ion: 94 Resp: 336

Ion Ratio Lower Upper

94 100

96 32.0 71.2 106.8#



#10

Methyl Iodide

Concen: 4.661 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

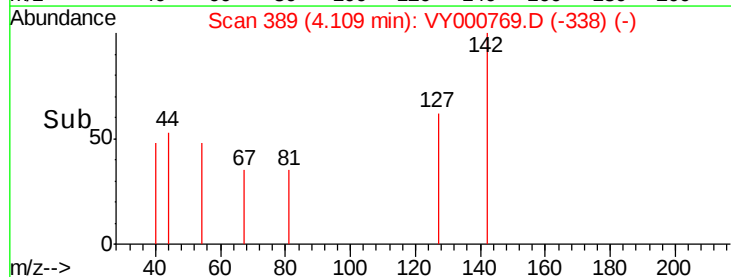
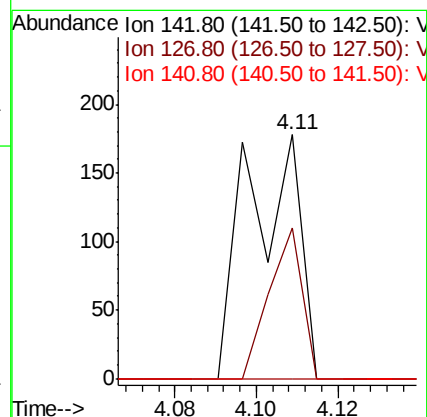
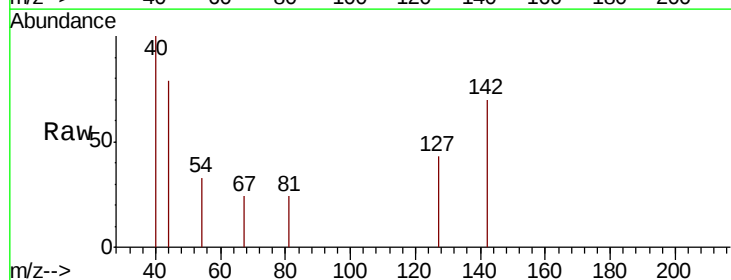
Tgt Ion: 142 Resp: 159

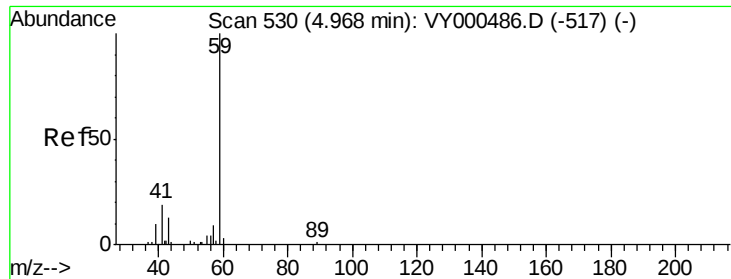
Ion Ratio Lower Upper

142 100

127 39.6 33.7 50.5

141 0.0 10.9 16.3#

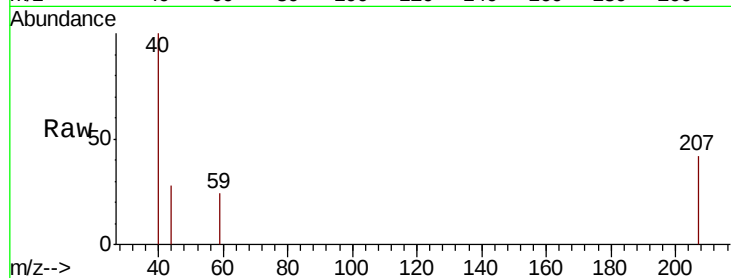




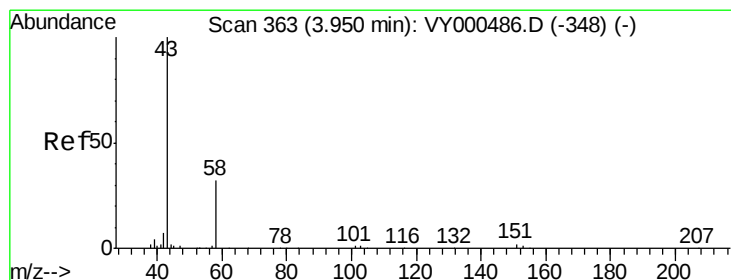
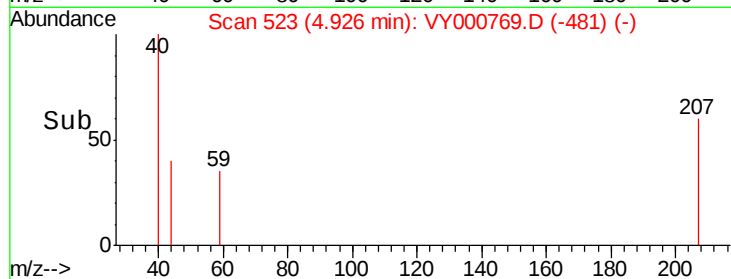
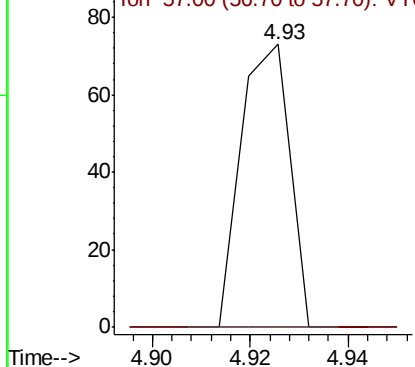
#11
Tert butyl alcohol
Concen: 6.596 ug/l
RT: 4.93 min Scan# 523
Delta R.T. -0.04 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :
MW-5-(12-14)RE

Tot Ion: 59 Resp: 50
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

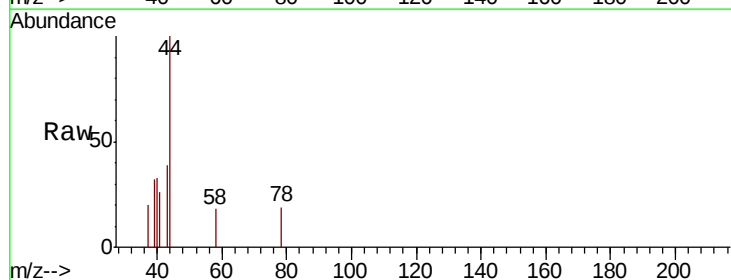


Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

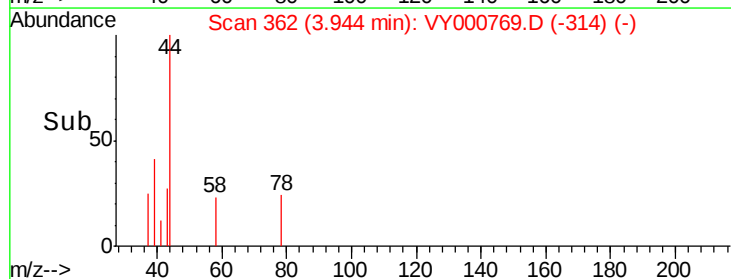
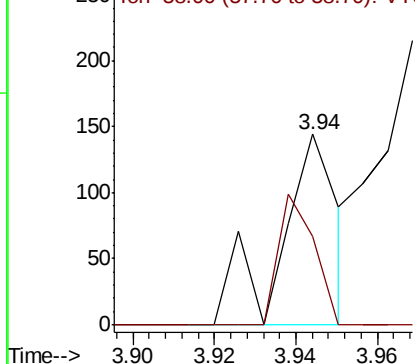


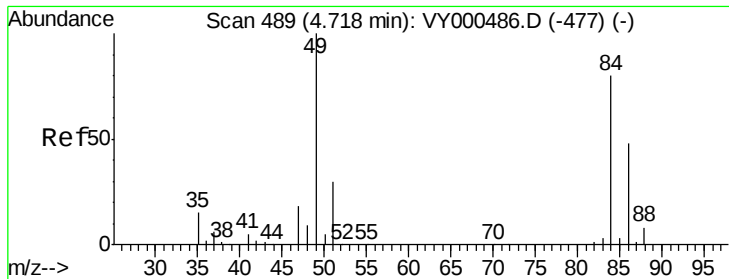
#16
Acetone
Concen: 6.476 ug/l
RT: 3.94 min Scan# 362
Delta R.T. -0.01 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
58 46.5 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

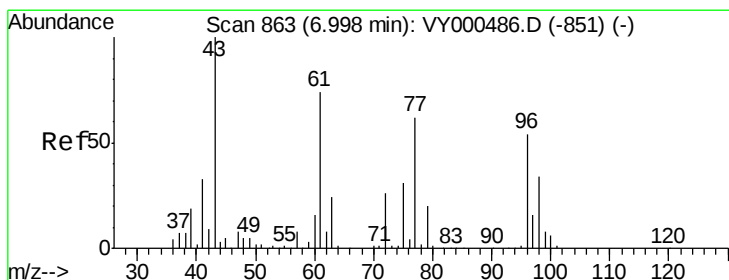
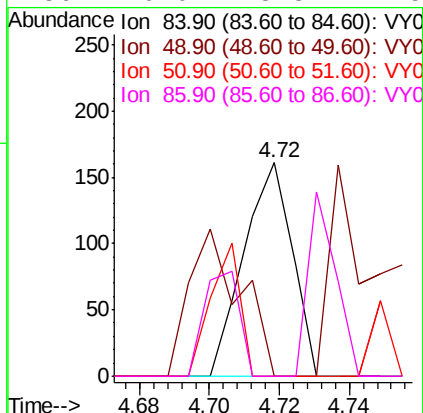
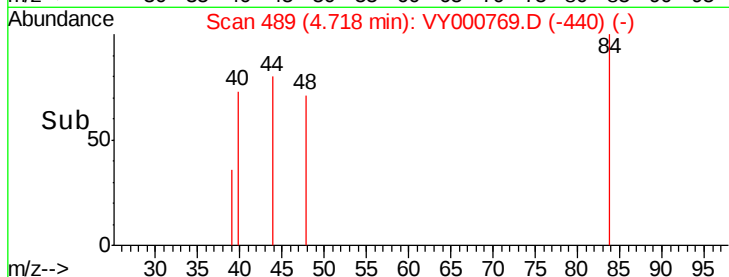
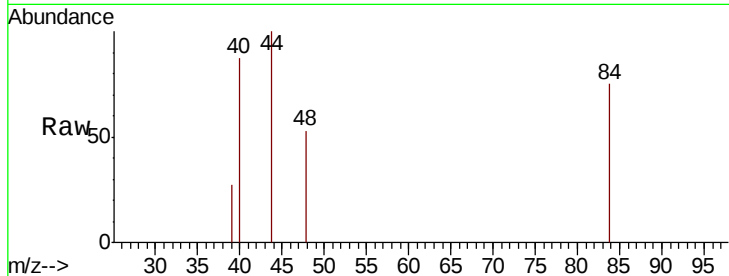




#20
Methvlene Chloride
Concen: 1.675 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

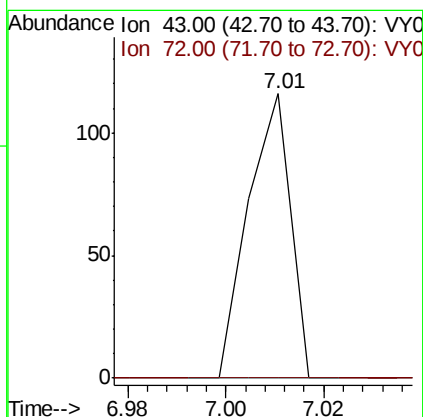
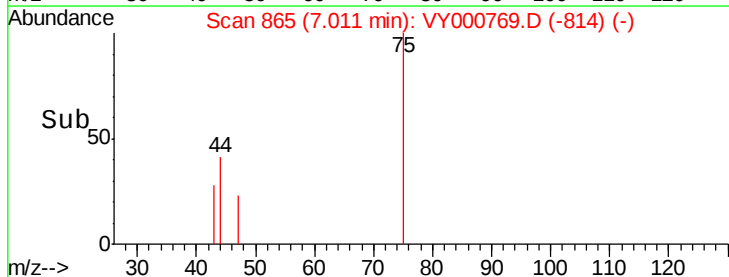
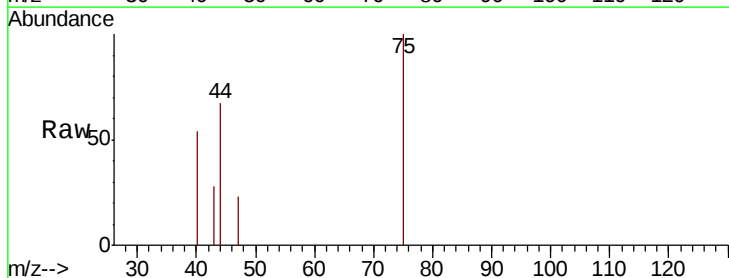
Instrument :
MSVOA_Y
ClientSampleId :
MW-5-(12-14)RE

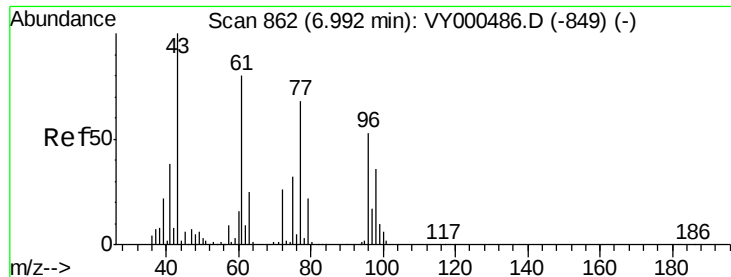
Tot Ion: 84 Resp: 154
Ion Ratio Lower Upper
84 100
49 0.0 100.2 150.4#
51 0.0 29.6 44.4#
86 0.0 48.3 72.5#



#25
2-Butanone
Concen: 2.014 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#





#26

2,2-Dichloropropane

Concen: 1.011 ug/l

RT: 6.98 min Scan# 860

Delta R.T. -0.01 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

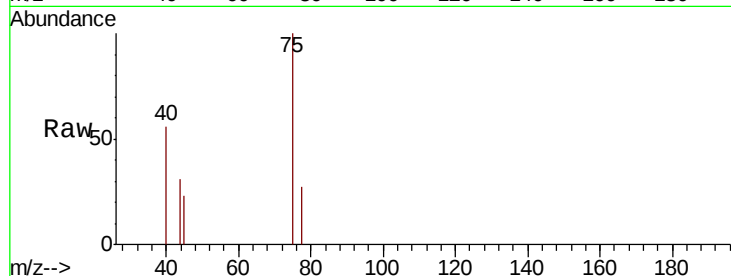
MW-5-(12-14)RE

Tot Ion: 77 Resp: 133

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.98

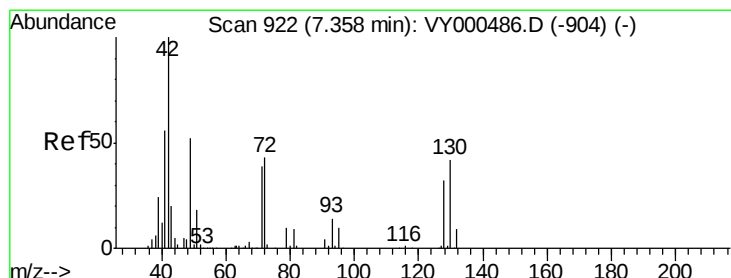
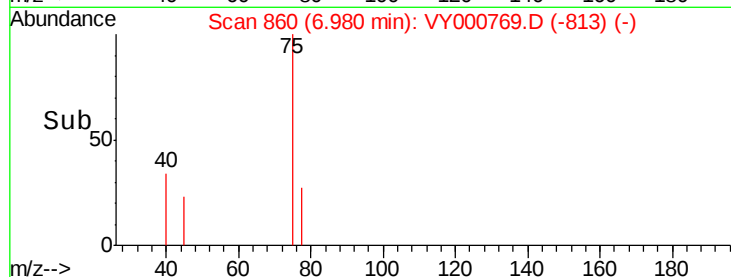
150

100

50

0

Time--> 6.94 6.96 6.98 7.00



#29

Tetrahydrofuran

Concen: 2.672 ug/l

RT: 7.42 min Scan# 932

Delta R.T. 0.06 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

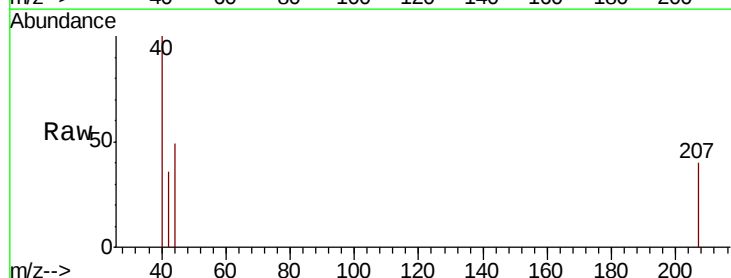
Tgt Ion: 42 Resp: 56

Ion Ratio Lower Upper

42 100

72 0.0 34.0 51.0#

71 0.0 30.8 46.2#



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0

120

100

80

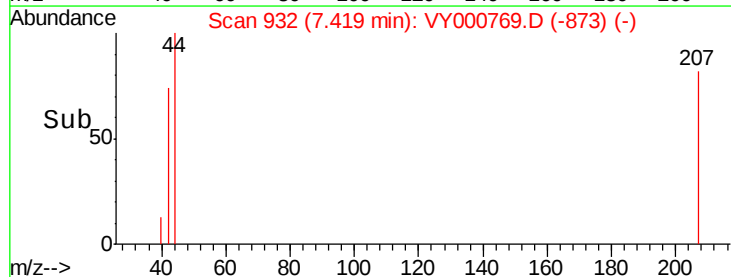
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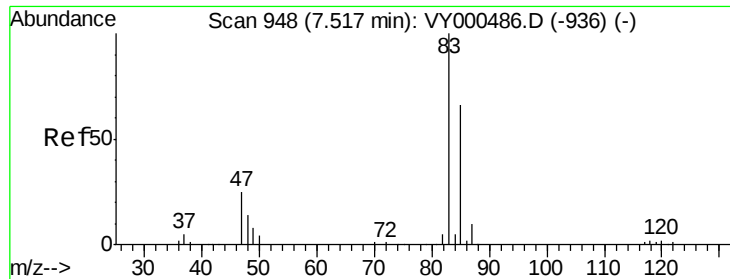
40

20

0

Time--> 7.40 7.42 7.44

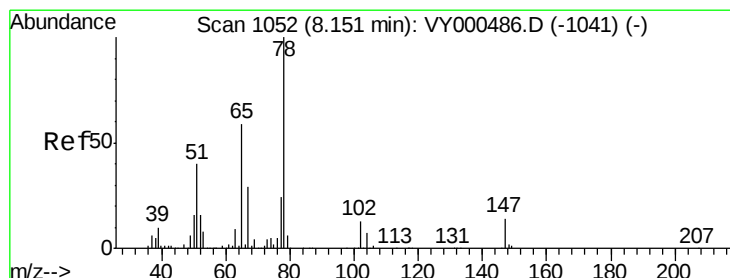
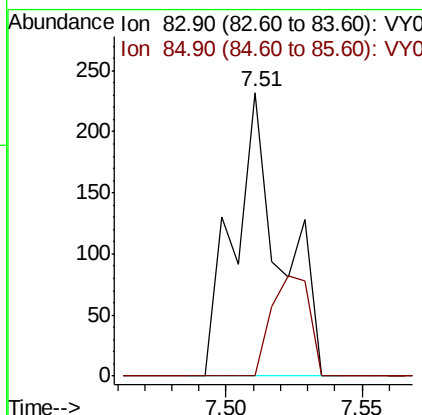
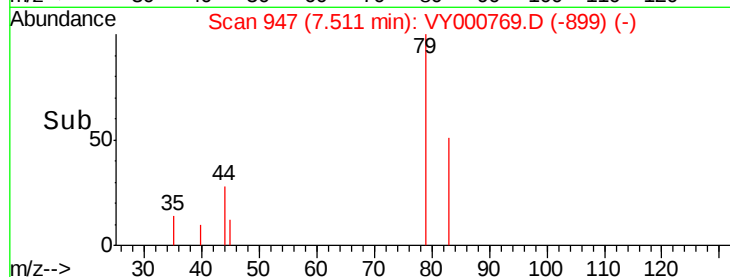
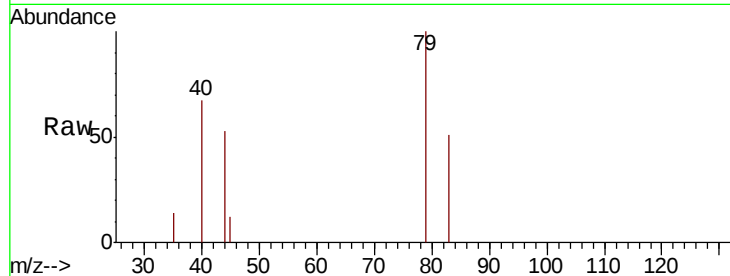




#30
Chloroform
Concen: 1.903 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

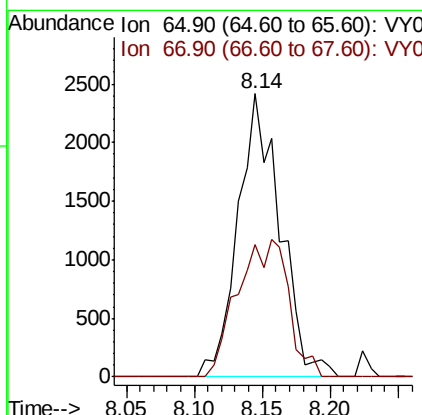
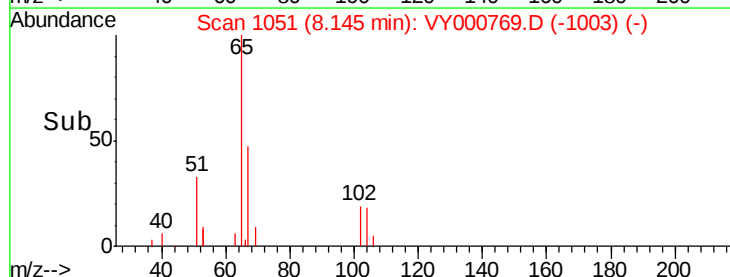
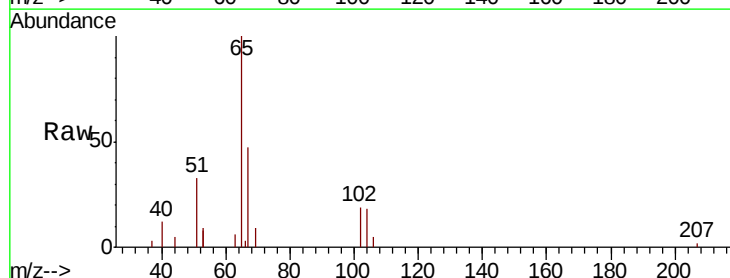
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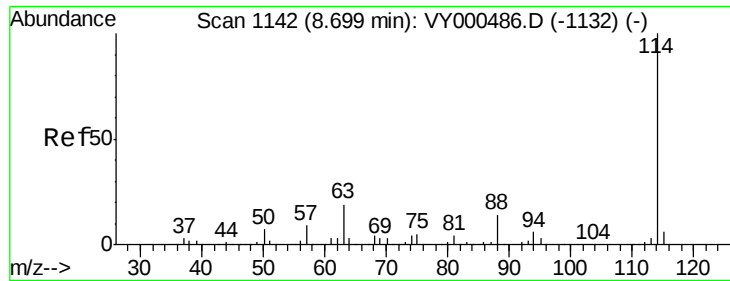
Tot Ion: 83 Resp: 277
Ion Ratio Lower Upper
83 100
85 0.0 53.0 79.4#



#33
1,2-Dichloroethane-d4
Concen: 67.275 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

Tgt Ion: 65 Resp: 5239
Ion Ratio Lower Upper
65 100
67 58.7 0.0 107.2

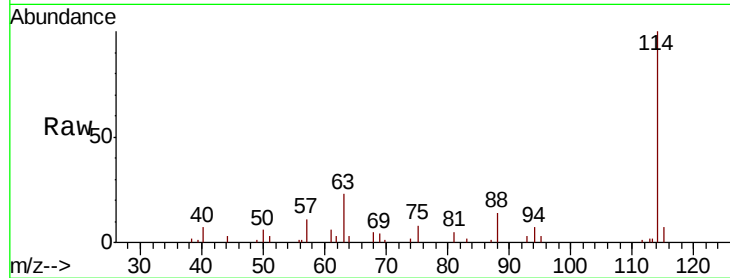




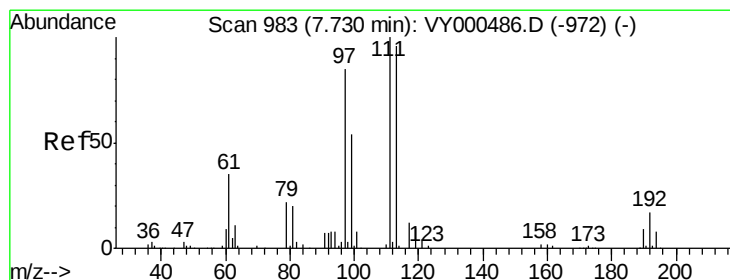
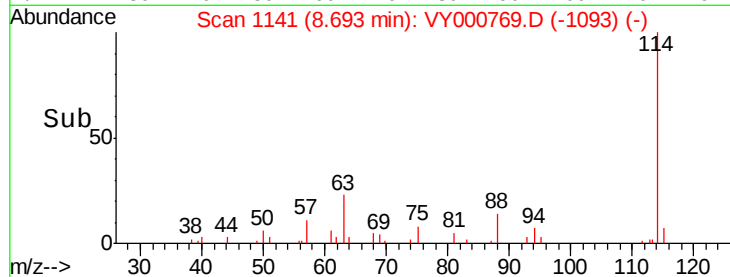
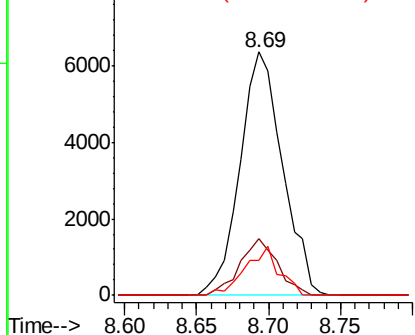
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000769.D
 Acq: 21 Nov 2019 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-5-(12-14)RE

Tot Ion:114 Resp: 13082
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 38.0
 88 14.3 0.0 28.6

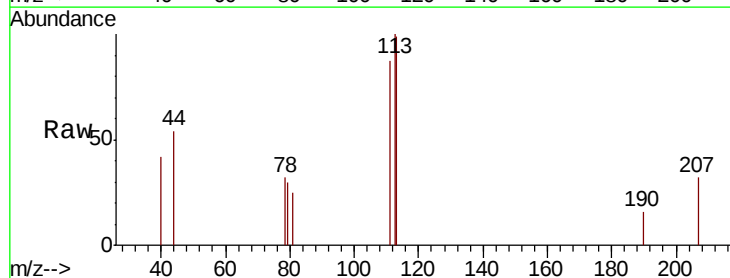


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

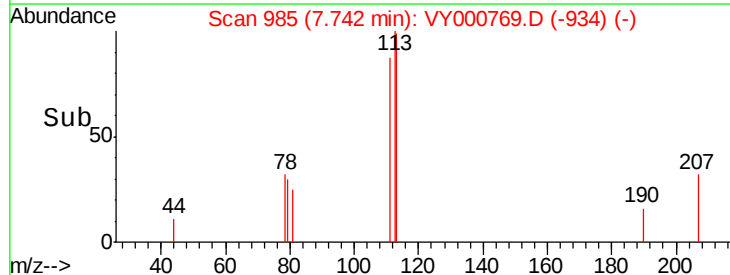
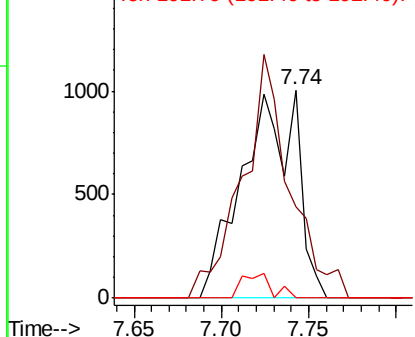


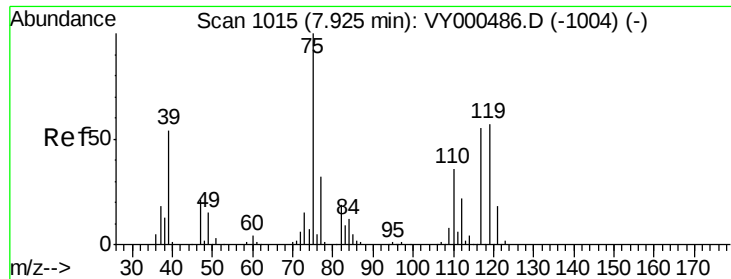
#35
 Dibromofluoromethane
 Concen: 28.151 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY000769.D
 Acq: 21 Nov 2019 15:42

Tgt Ion:113 Resp: 2162
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.7 122.5
 192 6.4 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

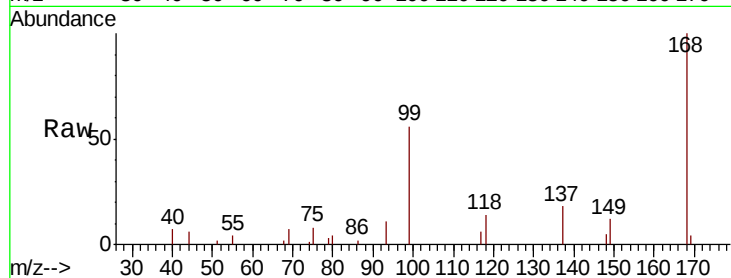




#36
 1,1-Dichloropropene
 Concen: 4.544 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000769.D
 Acq: 21 Nov 2019 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-5-(12-14)RE

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

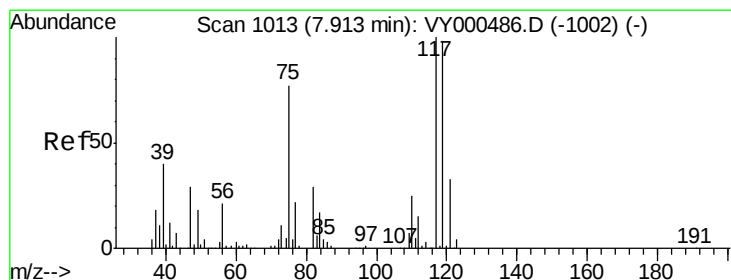
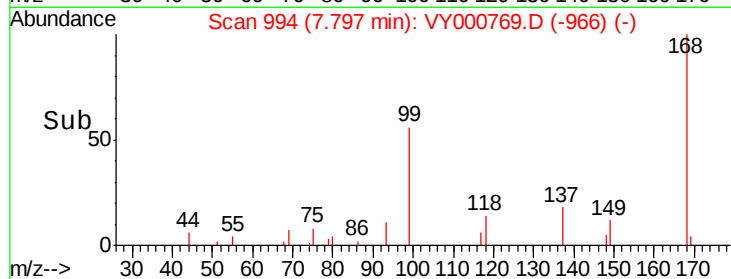
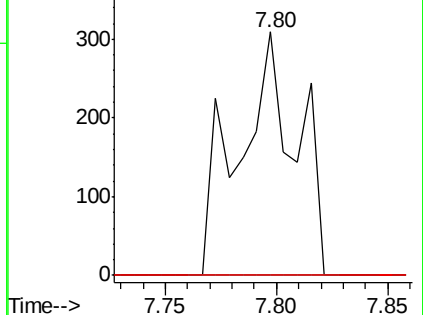


Abundance

Ion 74.90 (74.60 to 75.60): VY000486.D (-1004) (-)

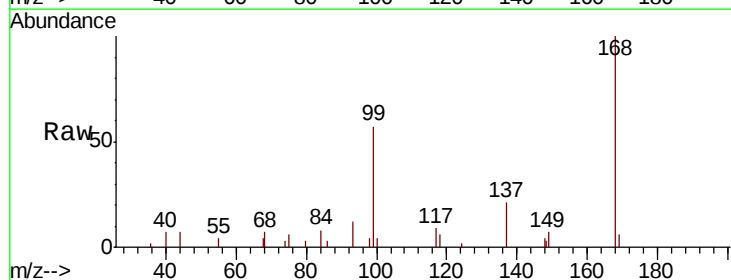
Ion 109.90 (109.60 to 110.60): VY000486.D (-1004) (-)

Ion 76.90 (76.60 to 77.60): VY000486.D (-1004) (-)



#38
 Carbon Tetrachloride
 Concen: 3.151 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY000769.D
 Acq: 21 Nov 2019 15:42

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

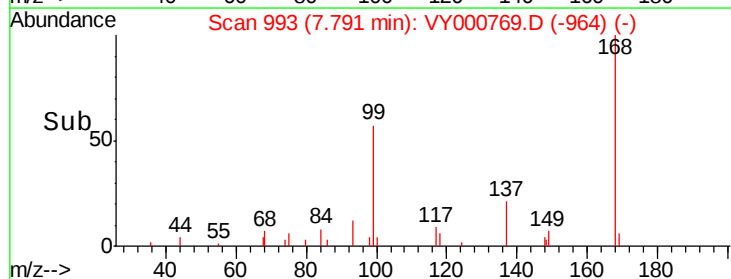
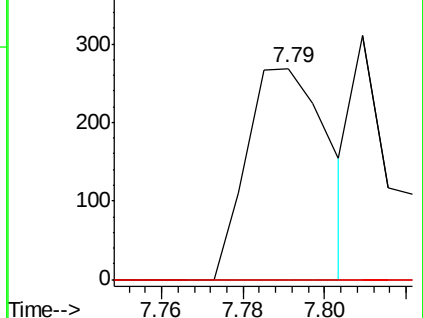


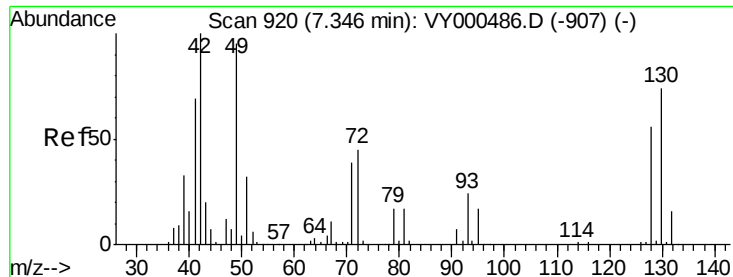
Abundance

Ion 116.80 (116.50 to 117.50): VY000486.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY000486.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY000486.D (-1002) (-)

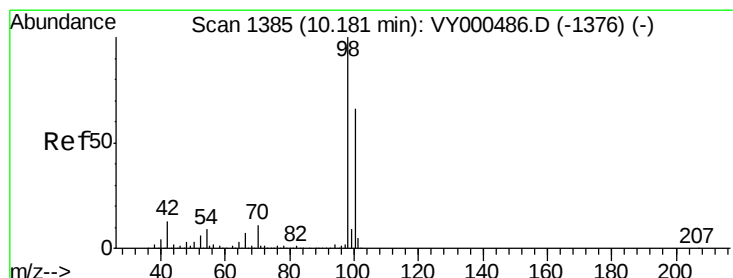
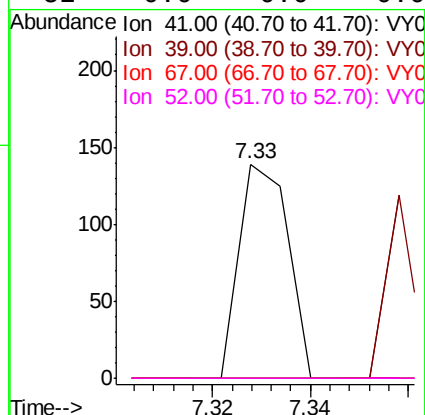
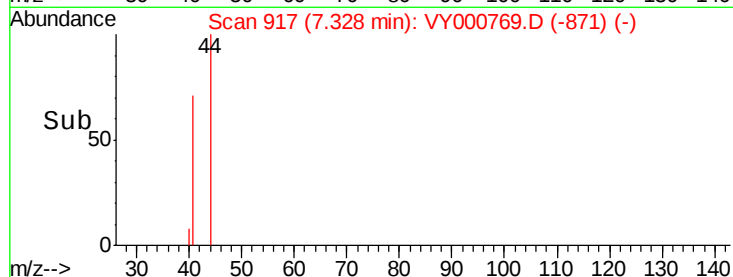
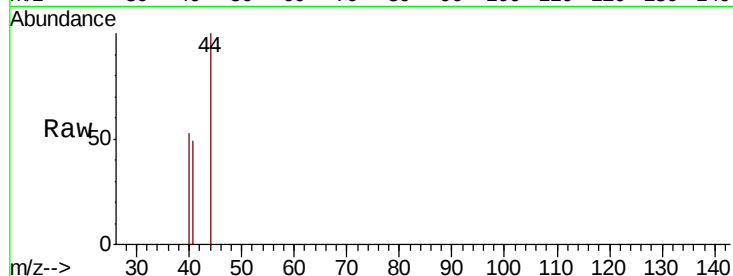




#41
Methacrylonitrile
Concen: 2.368 ug/l
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

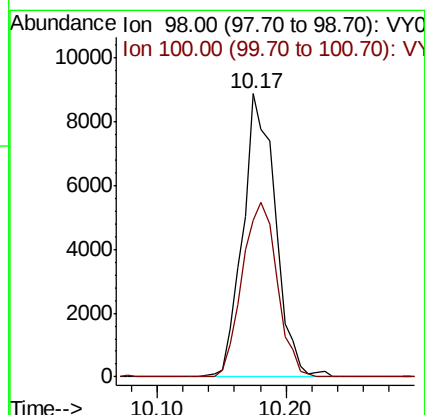
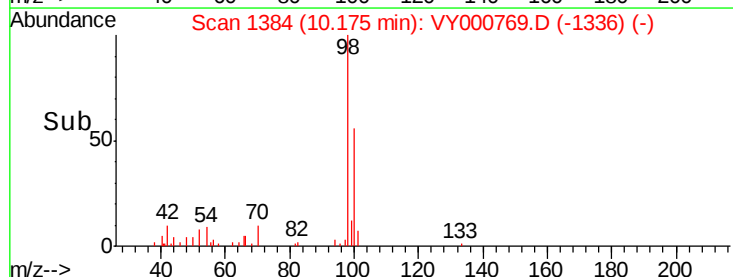
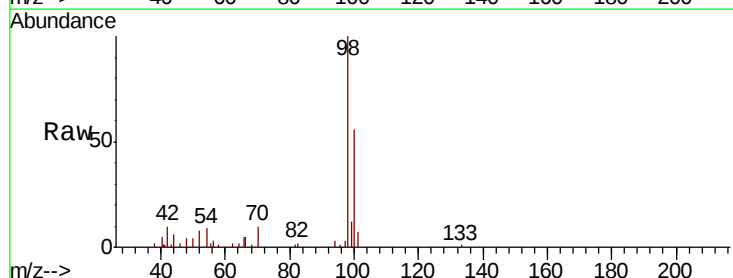
Instrument :
MSVOA_Y
ClientSampleId :
MW-5-(12-14)RE

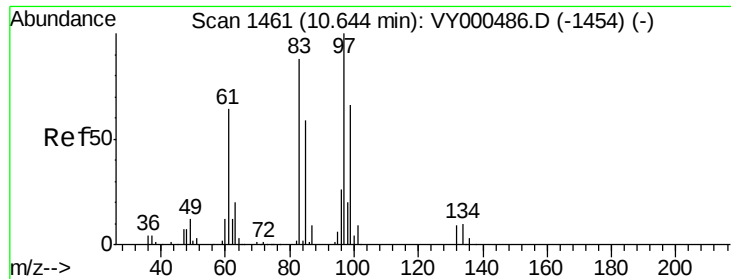
Tot Ion:	41	Resp:	97
Ion	Ratio	Lower	Upper
41	100		
39	0.0	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 53.100 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

Tgt Ion:	98	Resp:	15474
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.9	79.3

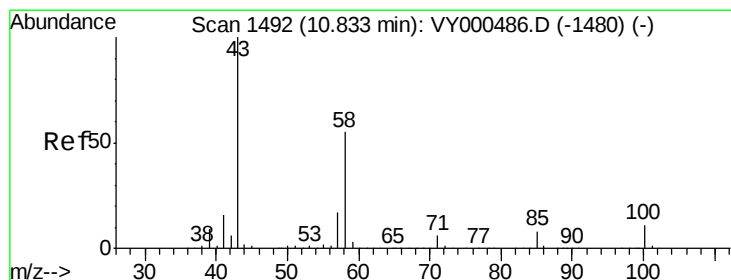
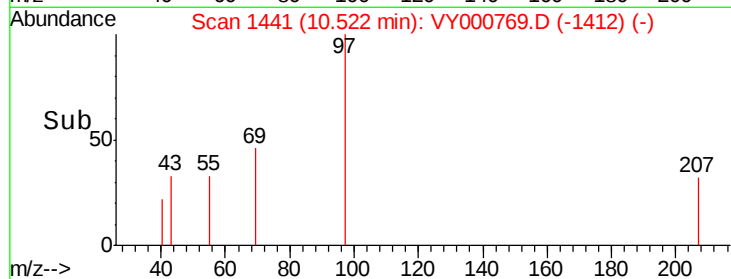
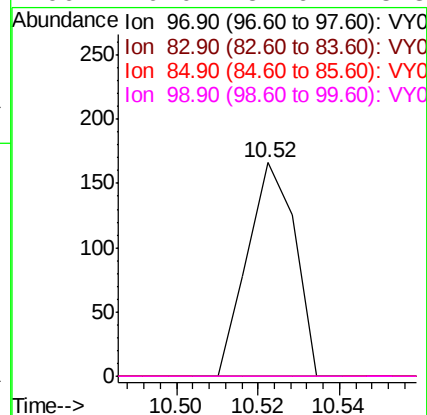
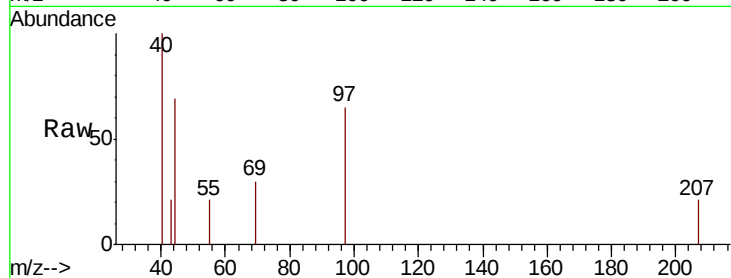




#55
 1,1,2-Trichloroethane
 Concen: 1.902 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.12 min
 Lab File: VY000769.D
 Acq: 21 Nov 2019 15:42

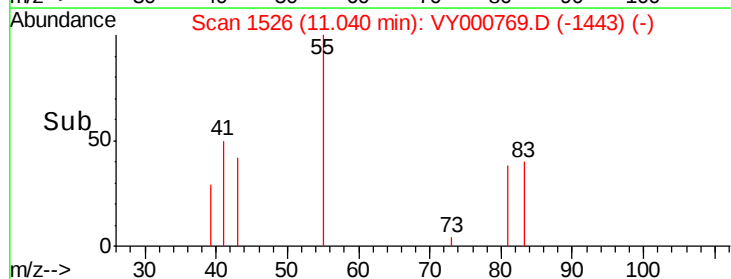
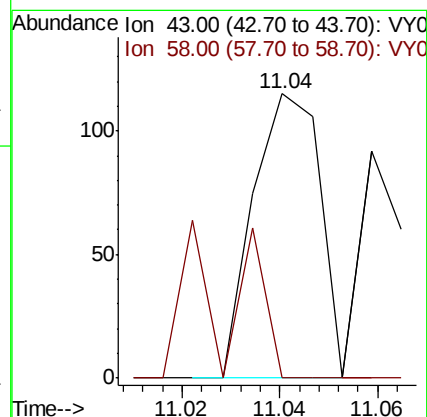
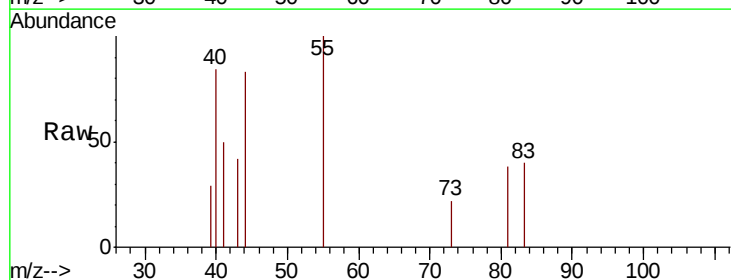
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-5-(12-14)RE

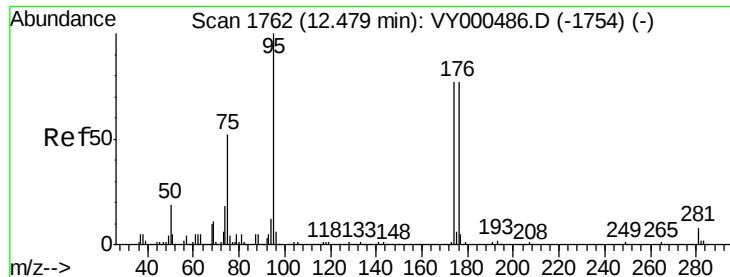
Tot Ion: 97 Resp: 135
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.2 105.4#
 85 0.0 46.9 70.3#
 99 0.0 52.6 78.8#



#59
 2-Hexanone
 Concen: 2.021 ug/l
 RT: 11.04 min Scan# 1526
 Delta R.T. 0.21 min
 Lab File: VY000769.D
 Acq: 21 Nov 2019 15:42

Tgt Ion: 43 Resp: 108
 Ion Ratio Lower Upper
 43 100
 58 42.6 27.1 81.3

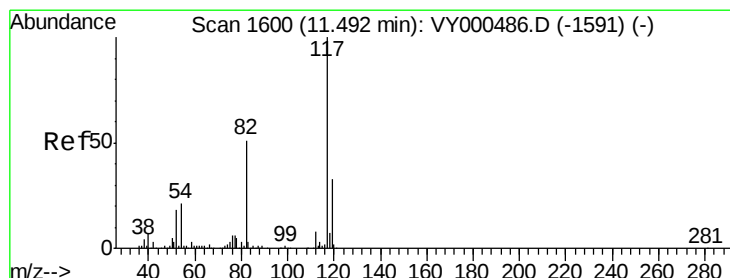
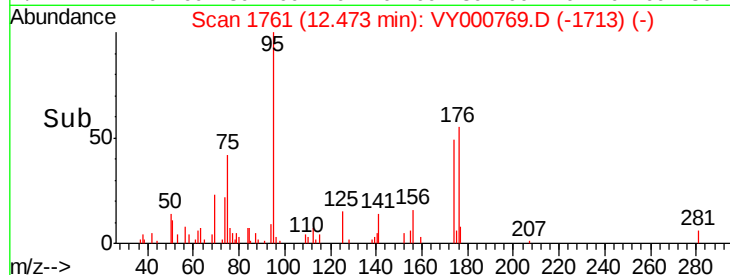
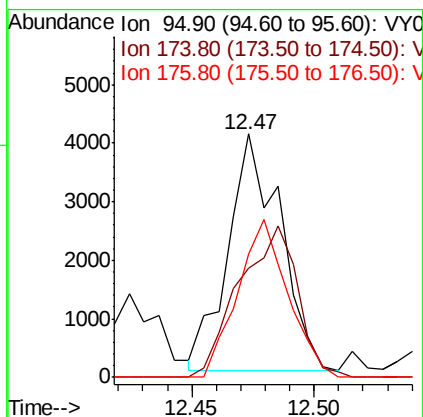
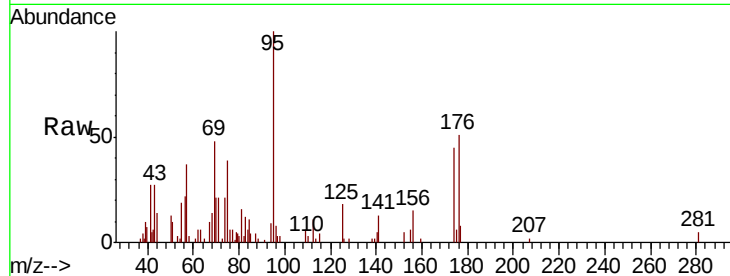




#62
4-Bromofluorobenzene
Concen: 54.011 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

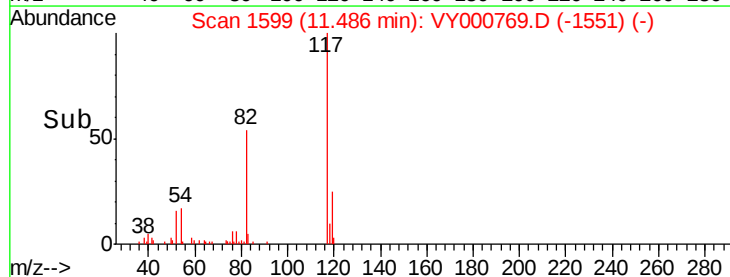
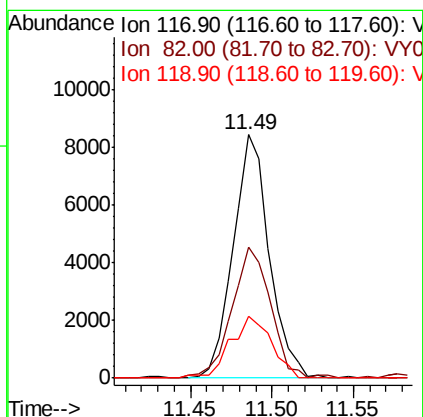
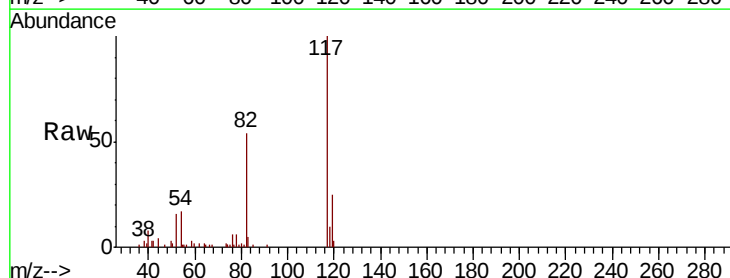
Instrument :
MSVOA_Y
ClientSampleId :
MW-5-(12-14)RE

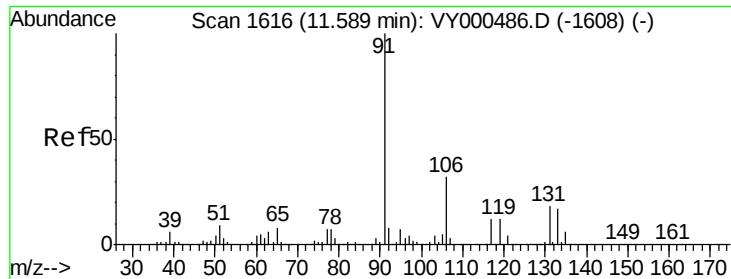
Tot Ion: 95 Resp: 5992
Ion Ratio Lower Upper
95 100
174 72.0 0.0 161.6
176 64.2 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

Tgt Ion: 117 Resp: 13047
Ion Ratio Lower Upper
117 100
82 53.8 40.8 61.2
119 25.2 26.2 39.2#

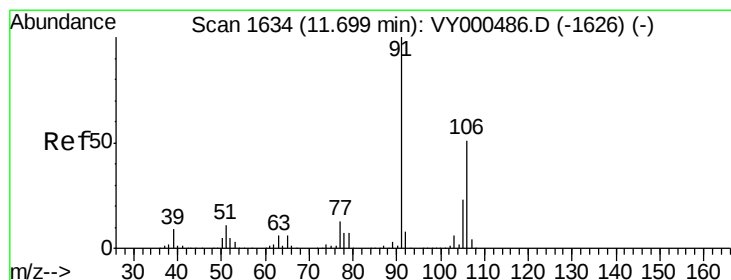
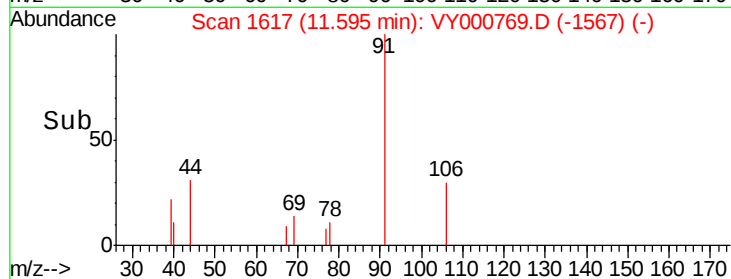
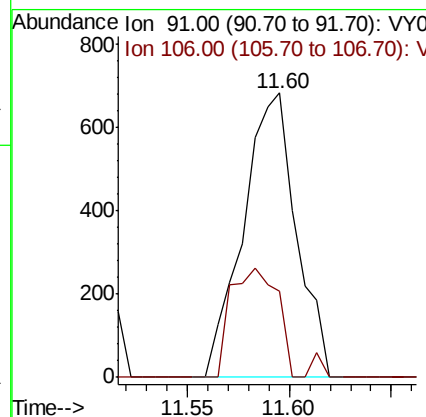
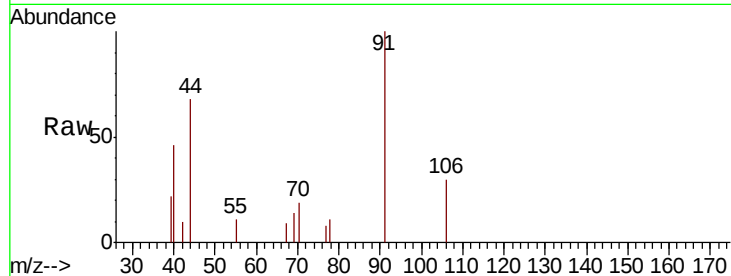




#67
Ethyl Benzene
Concen: 2.537 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

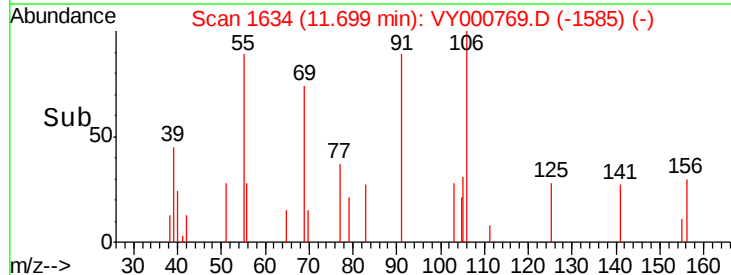
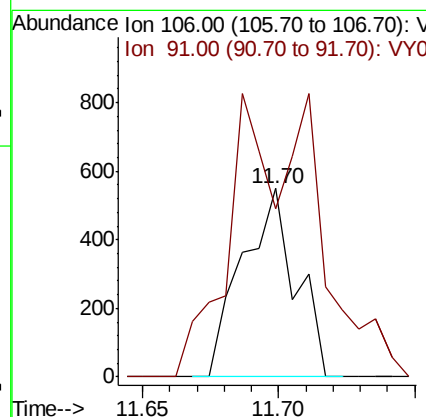
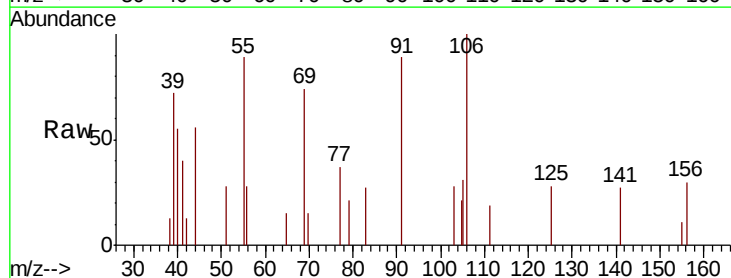
Instrument :
MSVOA_Y
ClientSampleId :
MW-5-(12-14)RE

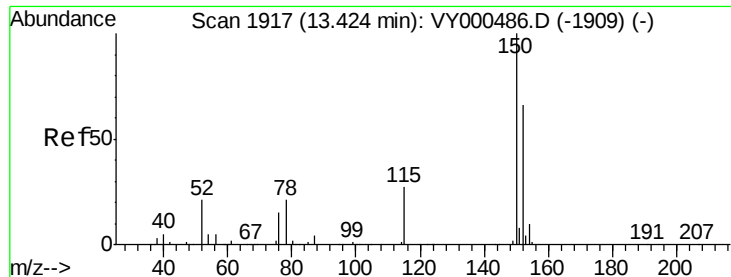
Tot Ion: 91 Resp: 1235
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.0



#68
m/p-Xylenes
Concen: 3.970 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

Tgt Ion: 106 Resp: 748
Ion Ratio Lower Upper
106 100
91 126.7 155.9 233.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

MW-5-(12-14)RE

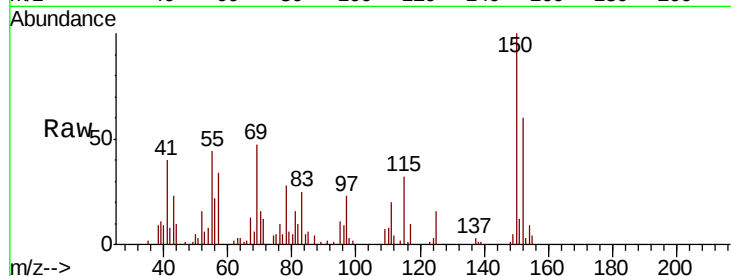
Tot Ion:152 Resp: 6025

Ion Ratio Lower Upper

152 100

115 64.8 29.1 87.4

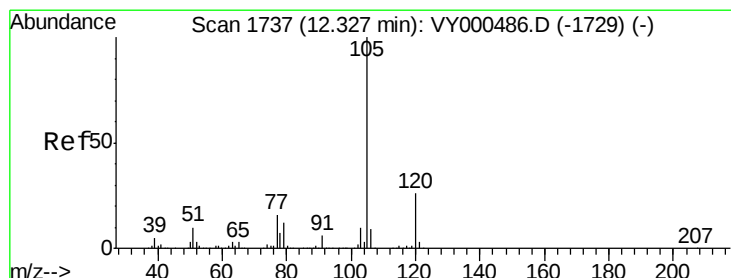
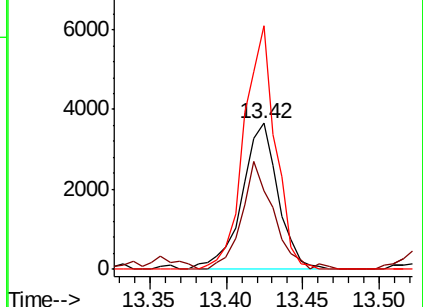
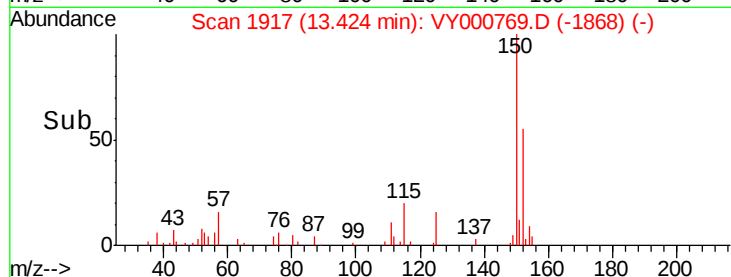
150 144.0 0.0 348.8



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: 5.994 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000769.D

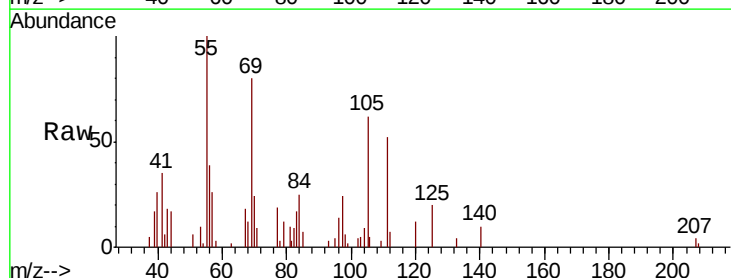
Acq: 21 Nov 2019 15:42

Tgt Ion:105 Resp: 2669

Ion Ratio Lower Upper

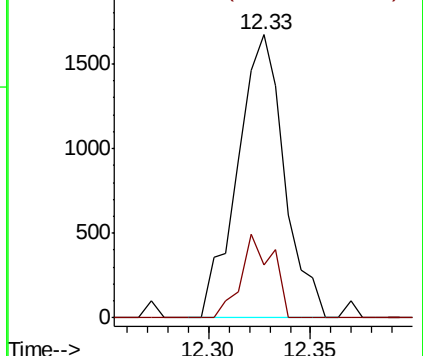
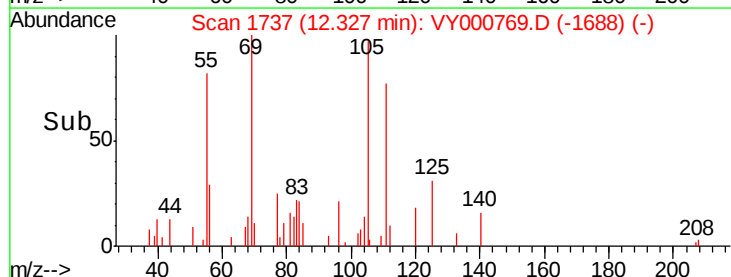
105 100

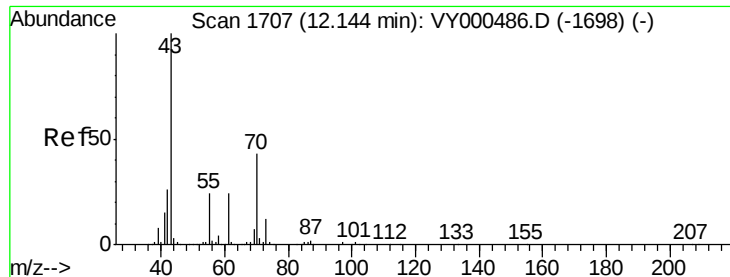
120 20.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 90.339 ug/l

RT: 12.12 min Scan# 1703

Delta R.T. -0.02 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

MW-5-(12-14)RE

Tot Ion: 43 Resp: 11521

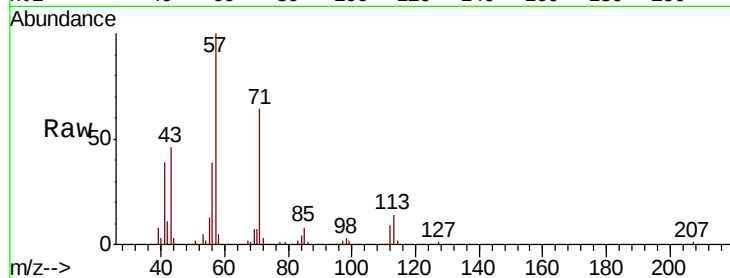
Ion Ratio Lower Upper

43 100

70 22.2 33.1 49.7#

55 13.8 18.0 27.0#

61 0.0 19.1 28.7#

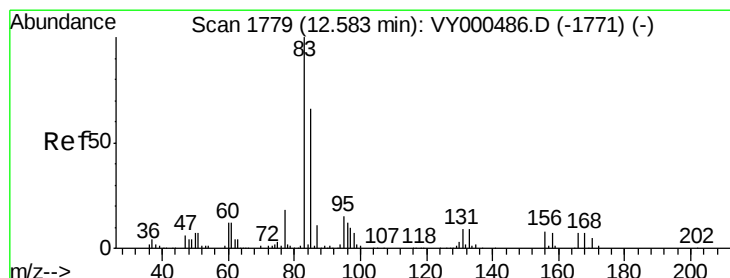
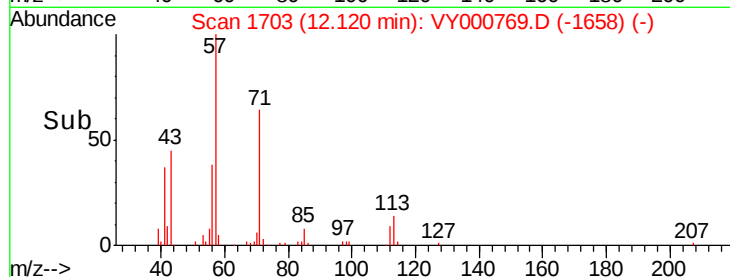
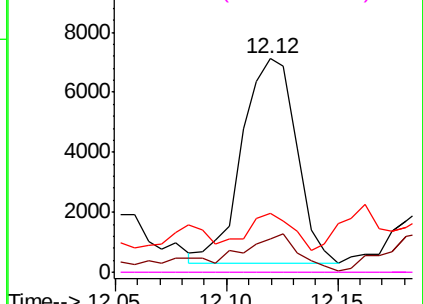


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 13.213 ug/l

RT: 12.55 min Scan# 1773

Delta R.T. -0.04 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

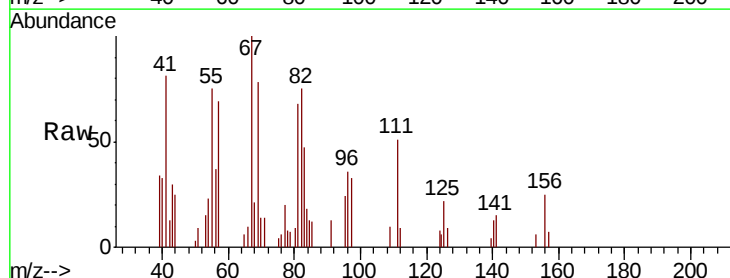
Tgt Ion: 83 Resp: 1165

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

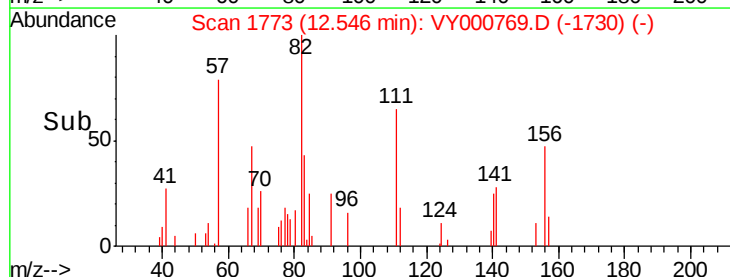
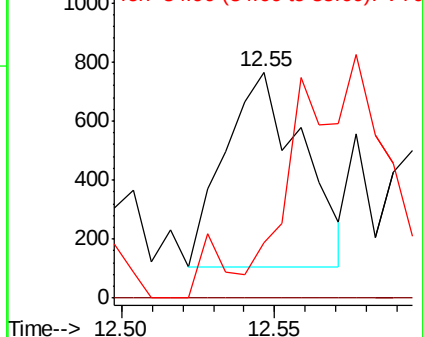
85 0.0 32.3 96.9#

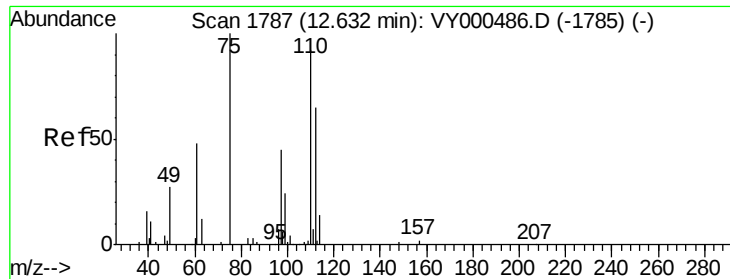


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0





#76

1,2,3-Trichloropropane

Concen: 50.785 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

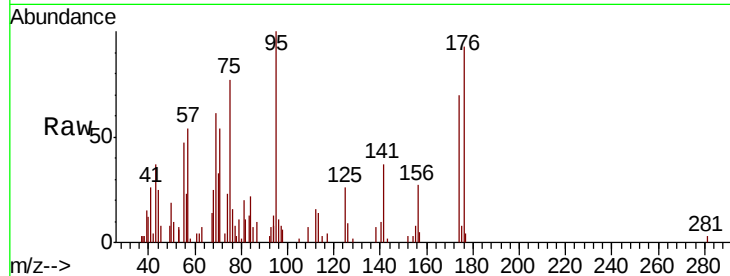
MW-5-(12-14)RE

Tot Ion: 75 Resp: 3484

Ion Ratio Lower Upper

75 100

77 8.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

12.48

2500

2000

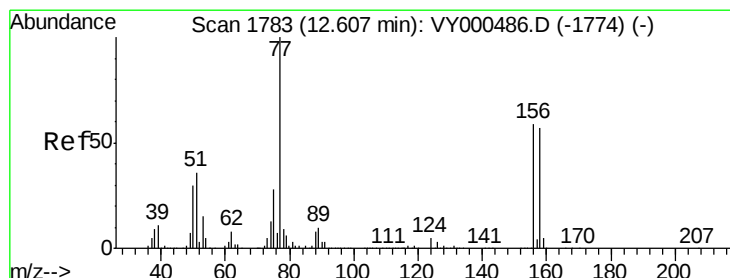
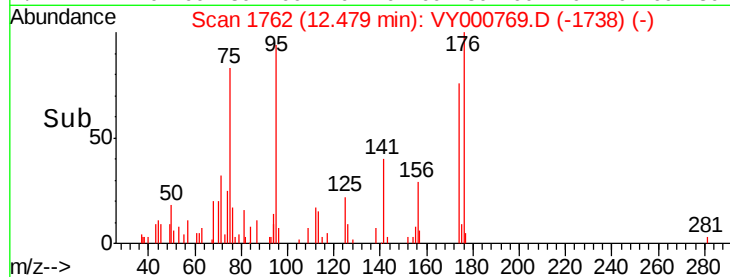
1500

1000

500

0

Time--> 12.40 12.45 12.50



#77

Bromobenzene

Concen: 1.198 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

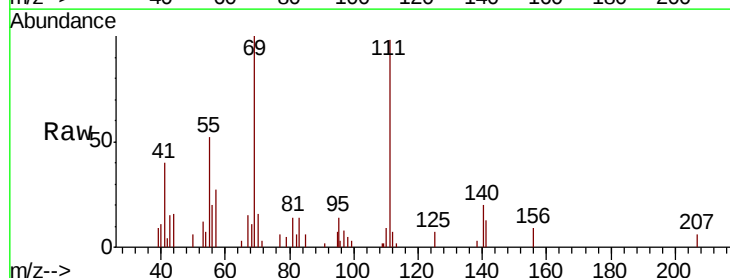
Tgt Ion: 156 Resp: 121

Ion Ratio Lower Upper

156 100

77 263.6 98.2 294.4

158 0.0 49.6 149.0#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V

600

500

400

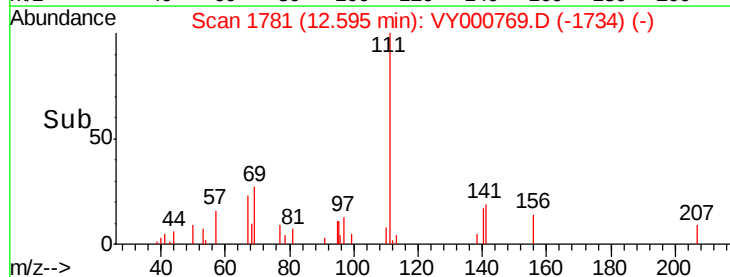
300

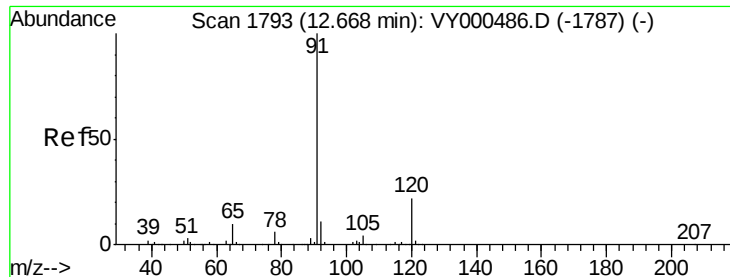
200

100

0

Time--> 12.58 12.60





#78

n-propylbenzene

Concen: 11.757 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

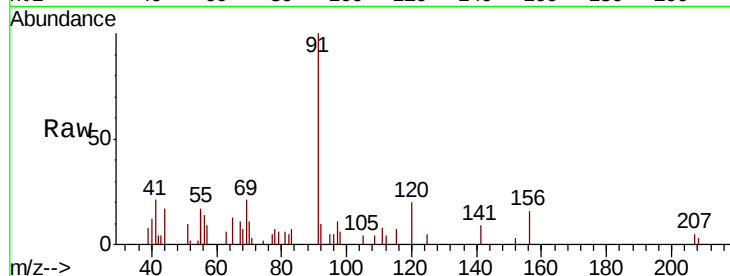
MW-5-(12-14)RE

Tot Ion: 91 Resp: 6317

Ion Ratio Lower Upper

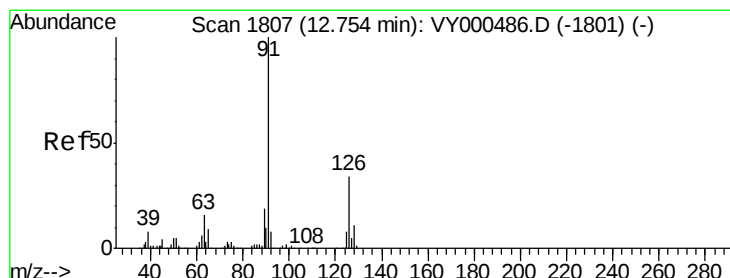
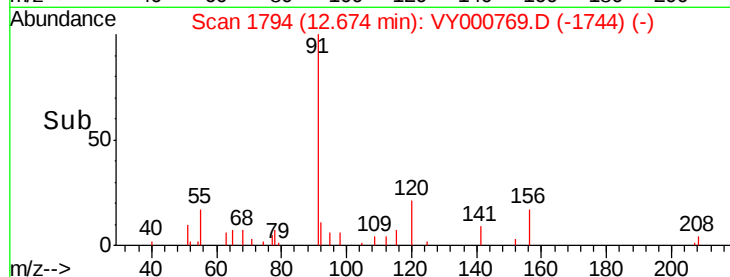
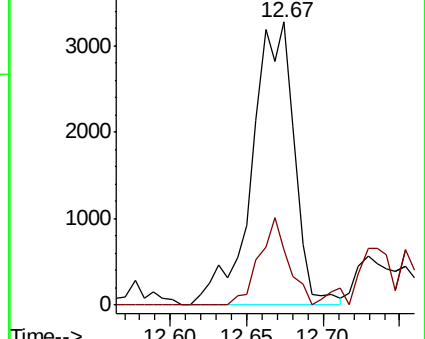
91 100

120 21.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 3.141 ug/l

RT: 12.73 min Scan# 1803

Delta R.T. -0.02 min

Lab File: VY000769.D

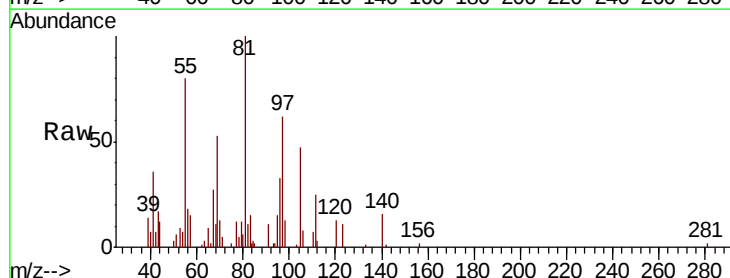
Acq: 21 Nov 2019 15:42

Tgt Ion: 91 Resp: 937

Ion Ratio Lower Upper

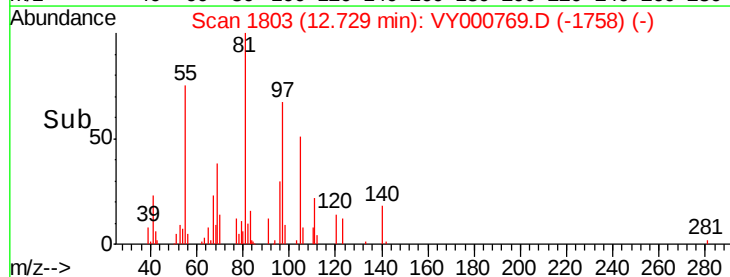
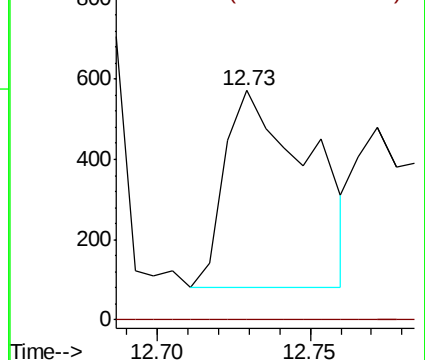
91 100

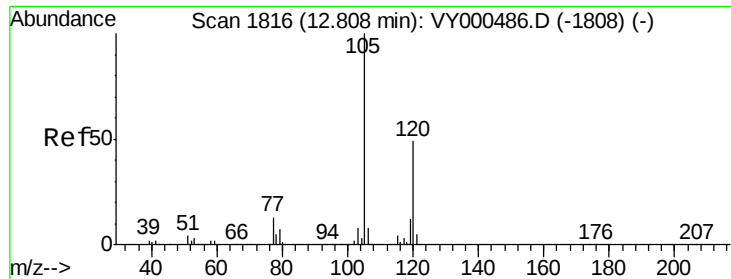
126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 5.932 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

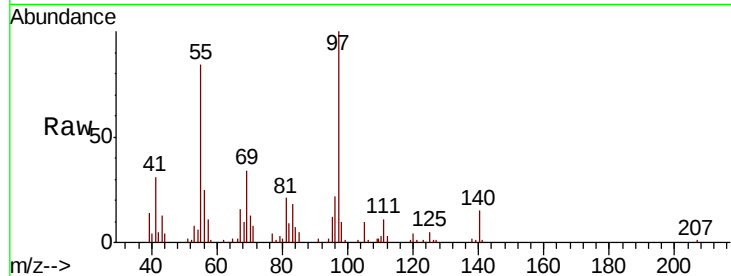
MW-5-(12-14)RE

Tot Ion:105 Resp: 2200

Ion Ratio Lower Upper

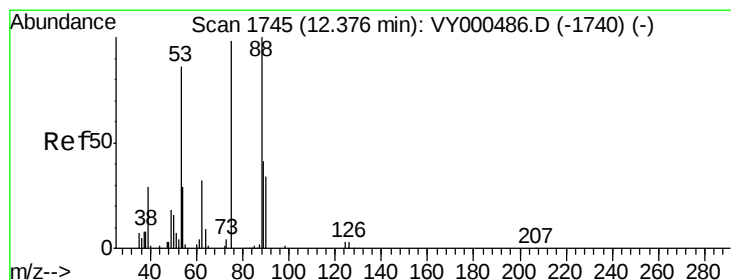
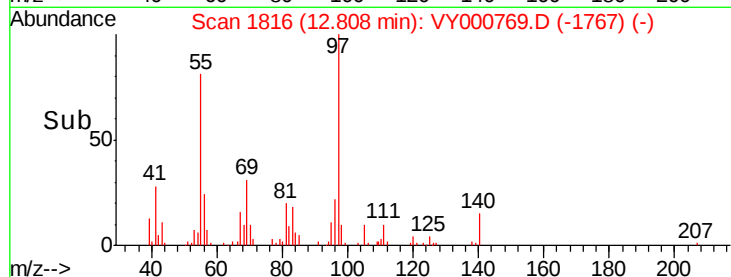
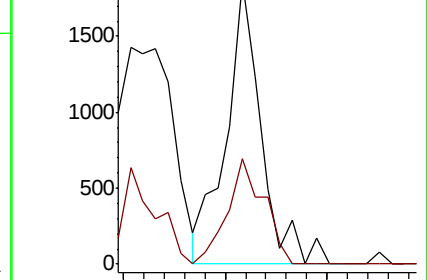
105 100

120 39.2 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: 113.867 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

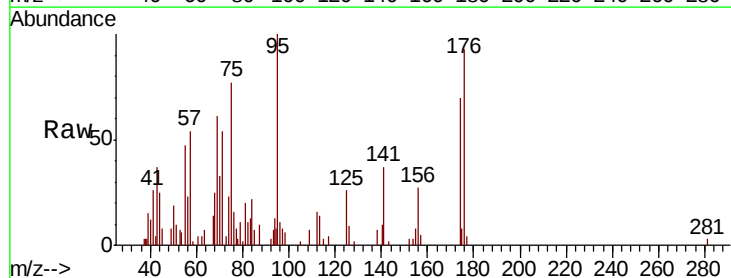
Tgt Ion: 75 Resp: 3484

Ion Ratio Lower Upper

75 100

53 14.3 73.2 109.8#

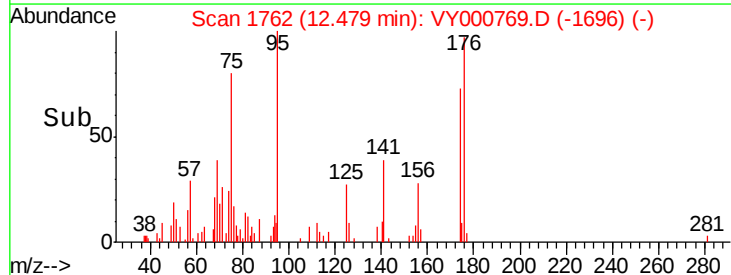
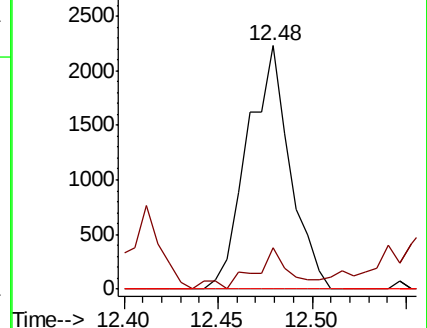
89 0.0 35.9 53.9#

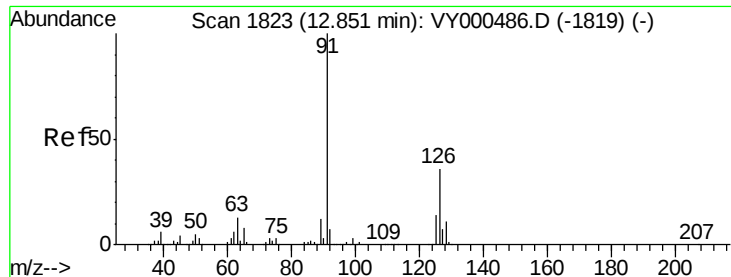


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#82

4-Chlorotoluene

Concen: 1.637 ug/l

RT: 12.84 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

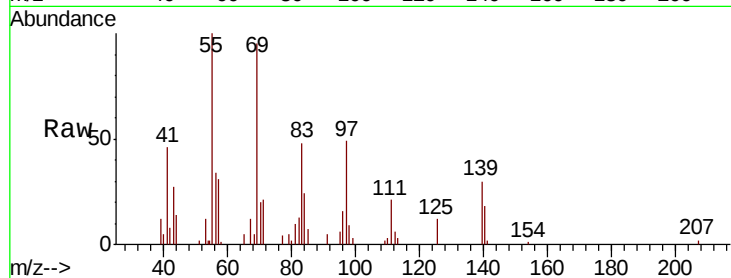
MW-5-(12-14)RE

Tot Ion: 91 Resp: 506

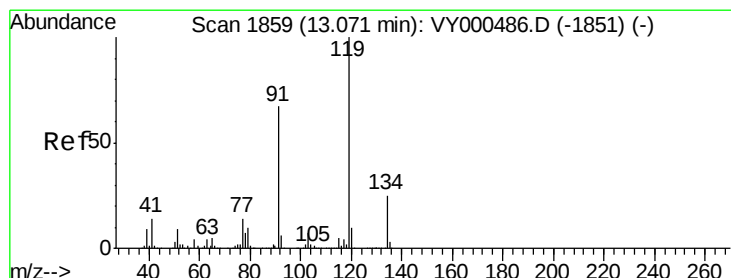
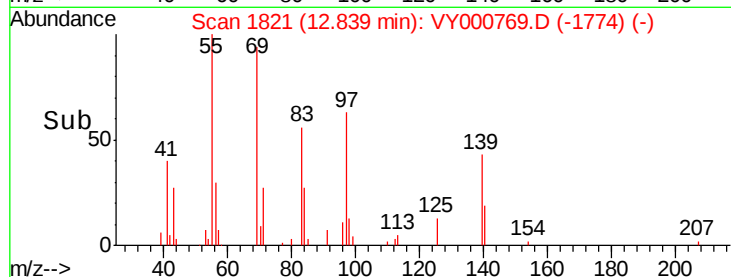
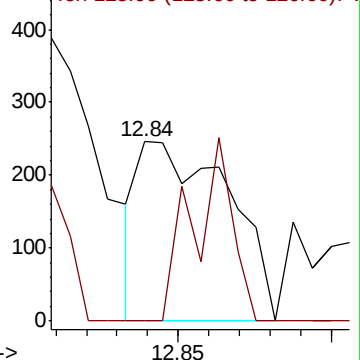
Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1819) (-)



#83

tert-Butylbenzene

Concen: 5.808 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

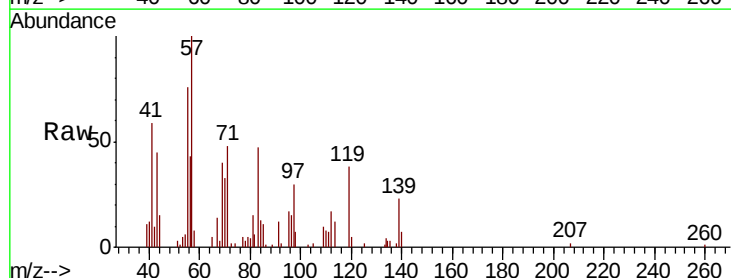
Tgt Ion: 119 Resp: 1839

Ion Ratio Lower Upper

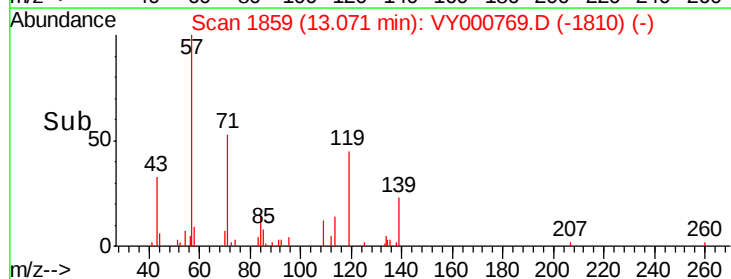
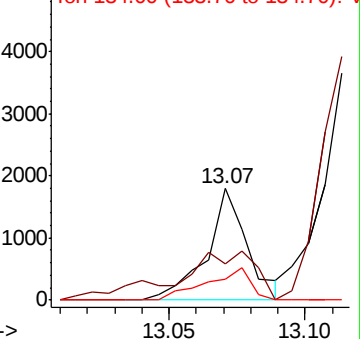
119 100

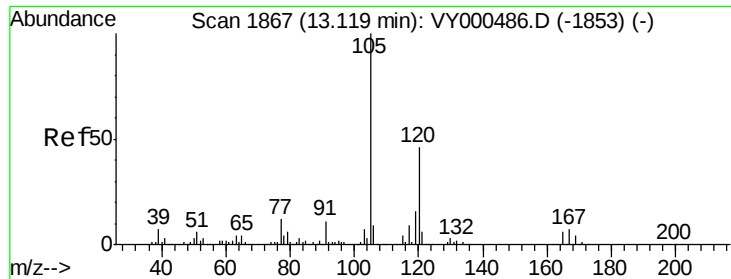
91 65.9 32.1 96.3

134 31.6 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): VY000486.D (-1851) (-)

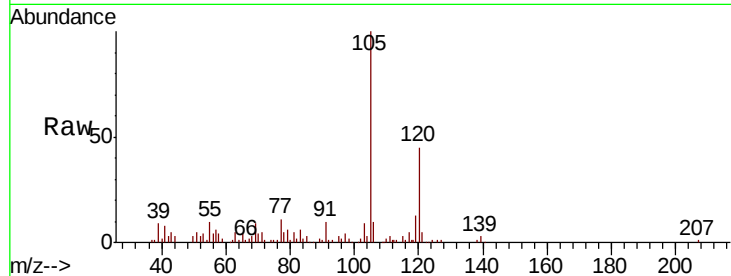




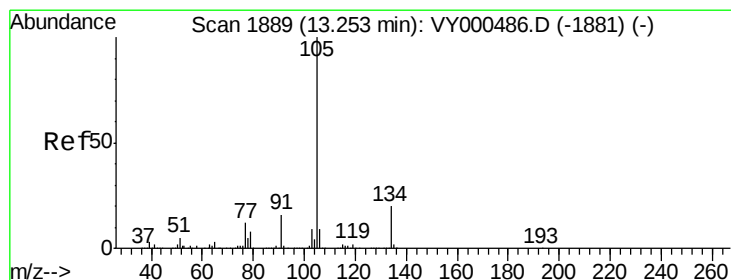
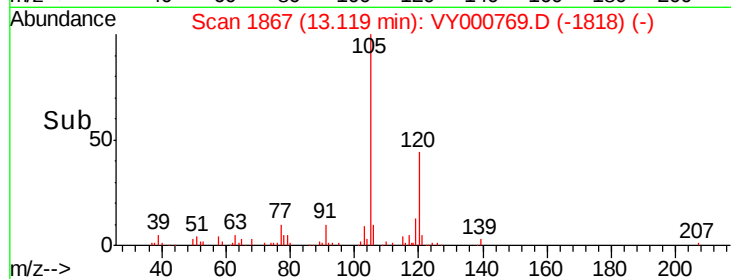
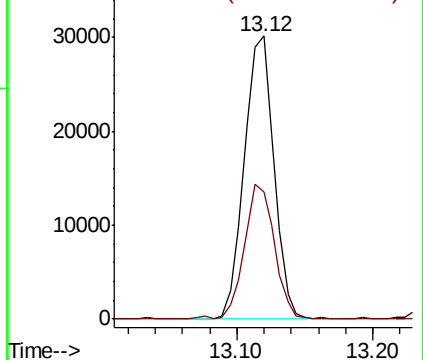
#84
1,2,4-Trimethylbenzene
Concen: 124.887 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

Instrument :
MSVOA_Y
ClientSampleId :
MW-5-(12-14)RE

Tot Ion:105 Resp: 46115
Ion Ratio Lower Upper
105 100
120 48.9 23.3 69.9

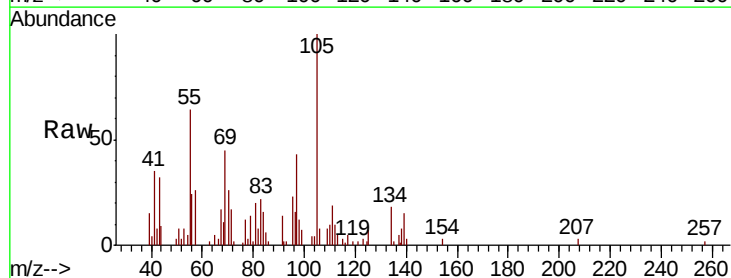


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

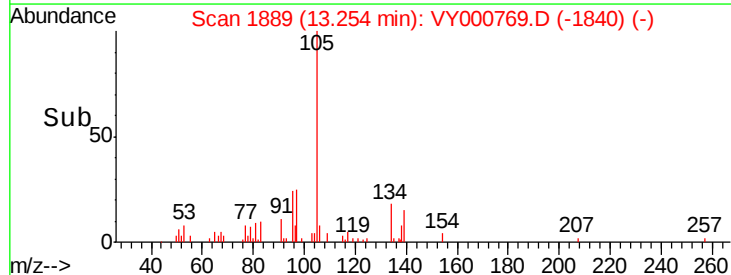
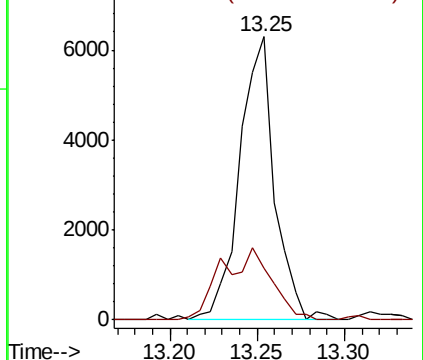


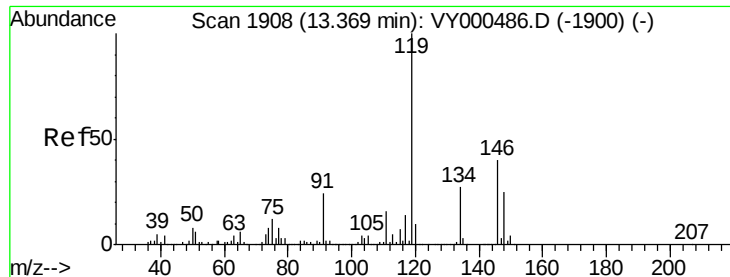
#85
sec-Butylbenzene
Concen: 19.315 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VY000769.D
Acq: 21 Nov 2019 15:42

Tgt Ion:105 Resp: 8714
Ion Ratio Lower Upper
105 100
134 36.9 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V

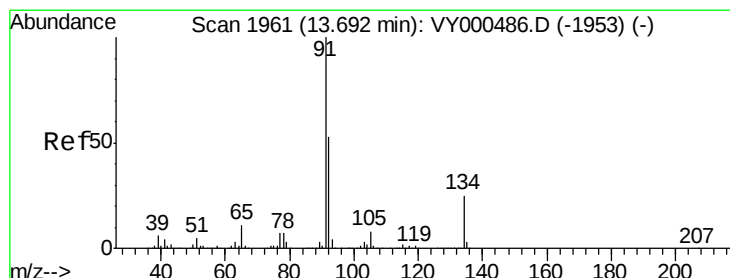
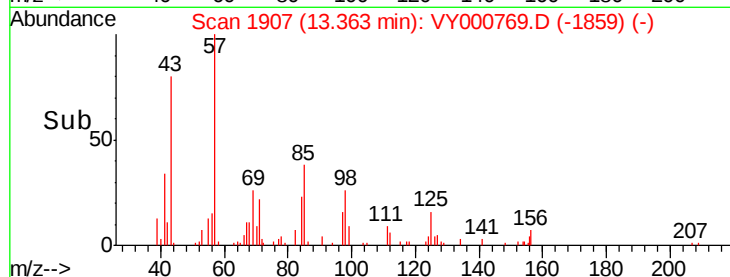
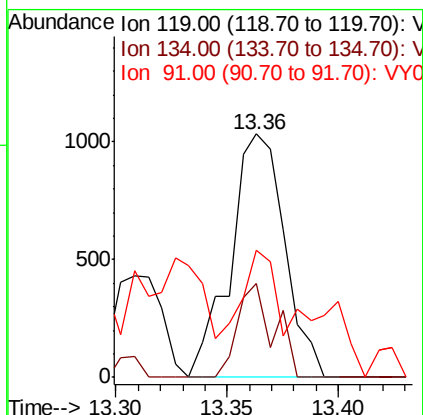
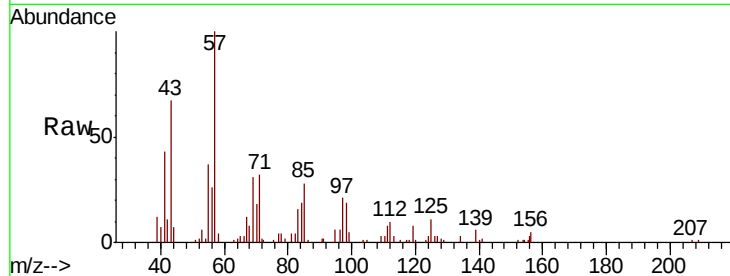




#86
 p-Isopropyltoluene
 Concen: 4.365 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000769.D
 Acq: 21 Nov 2019 15:42

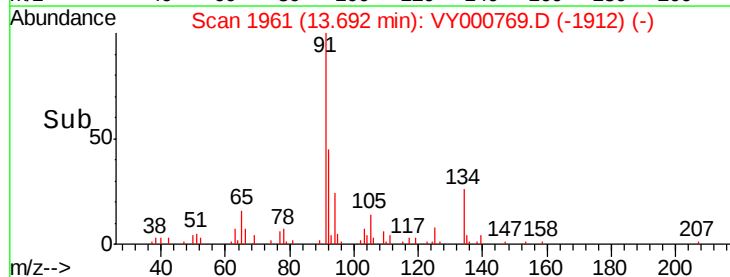
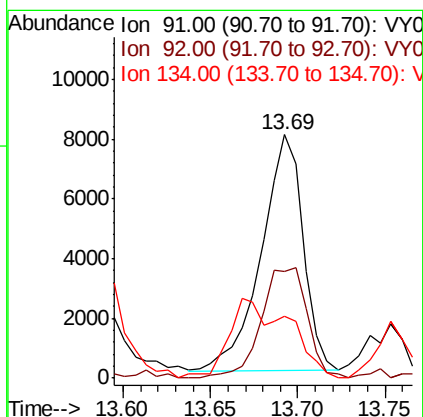
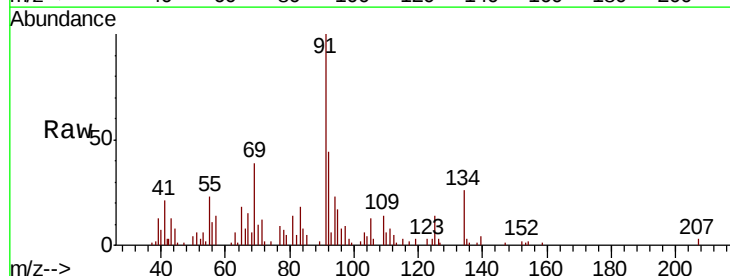
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-5-(12-14)RE

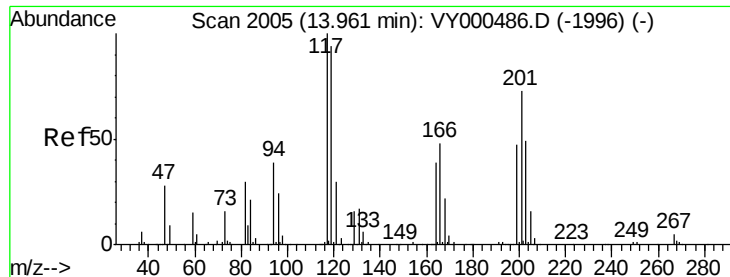
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.6	40.8
91	27.3	12.0	36.1



#89
 n-Butylbenzene
 Concen: 33.121 ug/l
 RT: 13.69 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: VY000769.D
 Acq: 21 Nov 2019 15:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.8	80.3
134	0.0	12.9	38.7#





#90

Hexachloroethane

Concen: 73.951 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

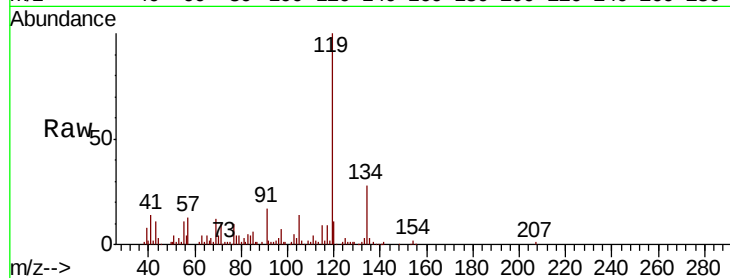
MW-5-(12-14)RE

Tot Ion:117 Resp: 5497

Ion Ratio Lower Upper

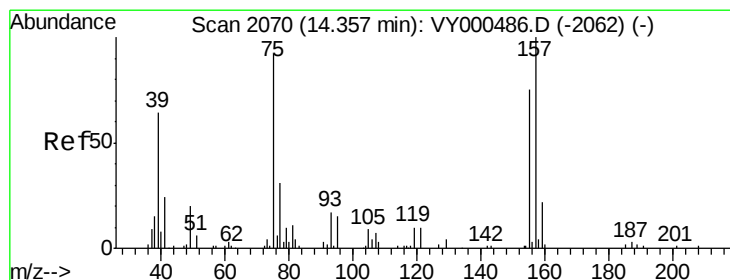
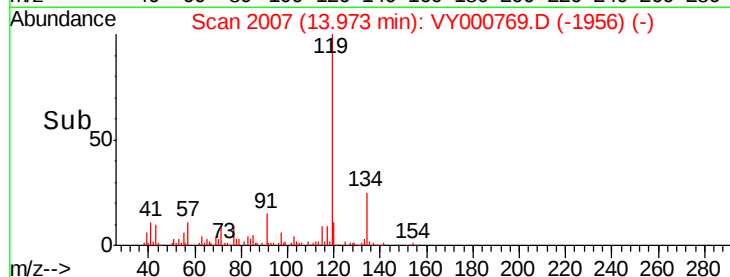
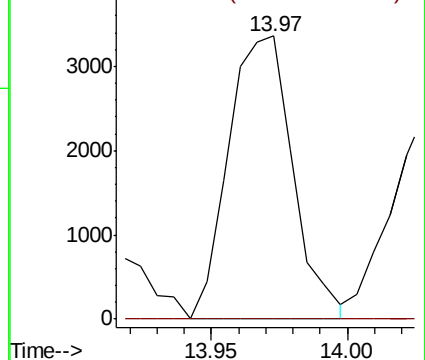
117 100

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: 14.163 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

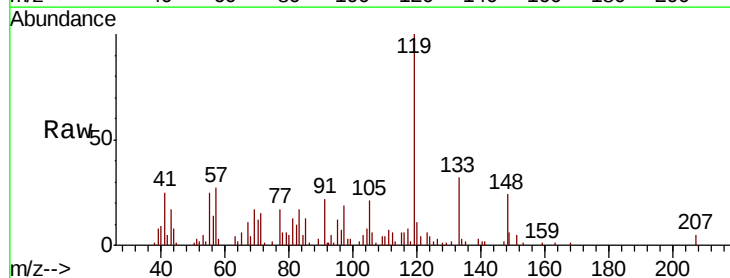
Tgt Ion: 75 Resp: 221

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

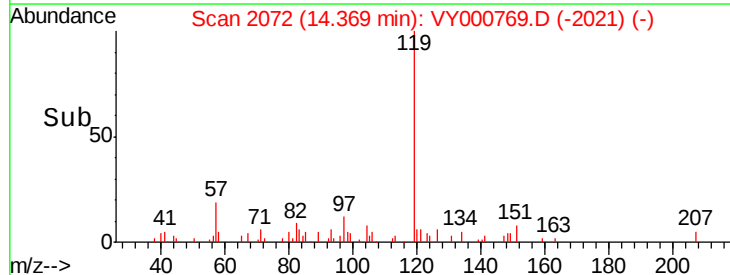
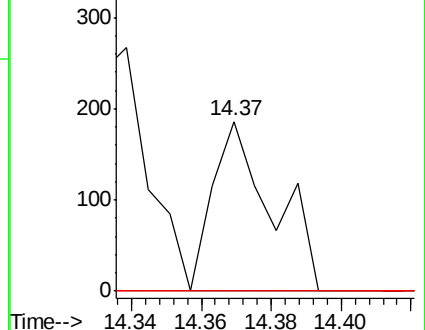
157 0.0 55.1 165.3#

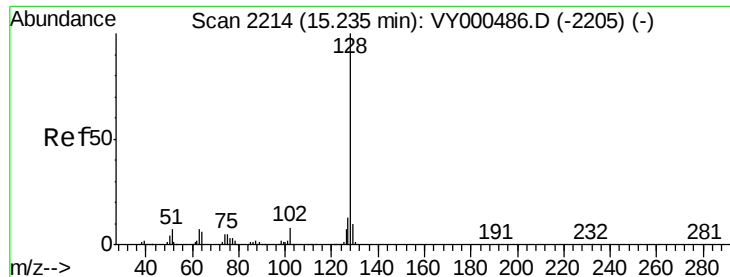


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 9.876 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

MW-5-(12-14)RE

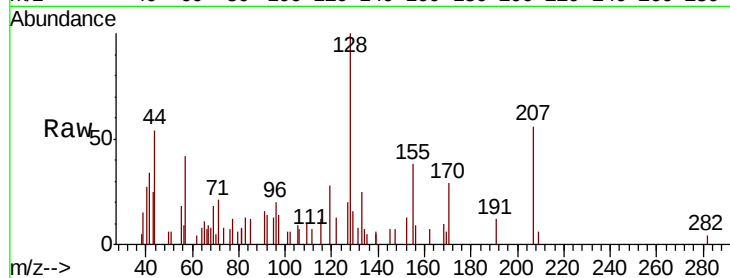
Tot Ion:128 Resp: 2679

Ion Ratio Lower Upper

128 100

127 22.8 9.8 14.6#

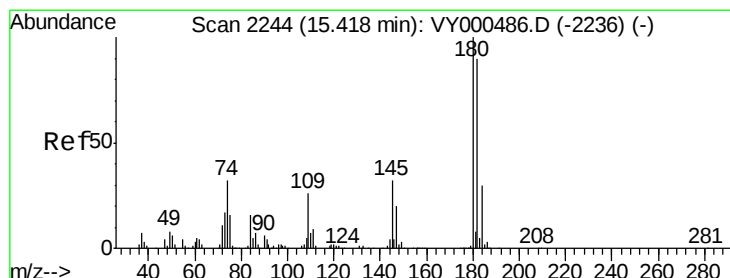
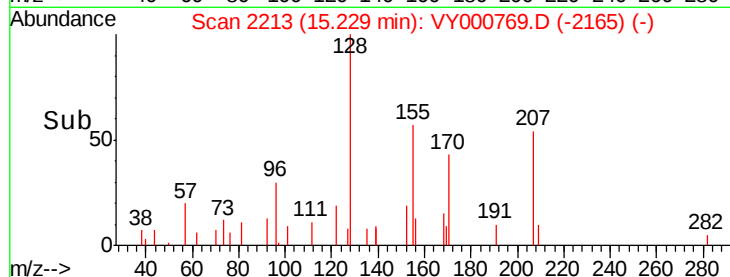
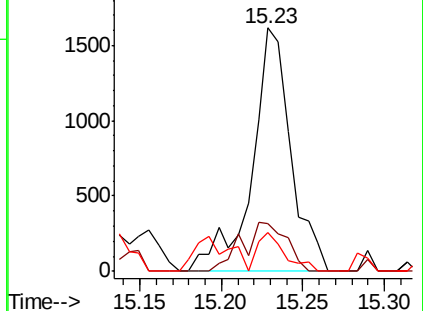
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.076 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY000769.D

Acq: 21 Nov 2019 15:42

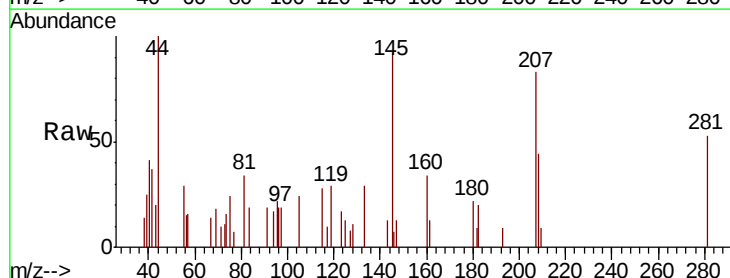
Tgt Ion:180 Resp: 118

Ion Ratio Lower Upper

180 100

182 144.1 47.4 142.3#

145 1028.0 15.7 47.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

