

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000767.D
 Acq On : 21 Nov 2019 14:58
 Operator : SY/MD
 Sample : K5957-03RE
 Misc : 4.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-2-(12-14)RE

Quant Time: Nov 22 03:13:51 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	22117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	37958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	33568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	17412	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	13156	57.48	ug/l	0.00
Spiked Amount			Recovery	=	114.96%	
35) Dibromofluoromethane	7.72	113	9495	42.61	ug/l	-0.01
Spiked Amount			Recovery	=	85.22%	
50) Toluene-d8	10.17	98	44304	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.47	95	18526	57.55	ug/l	0.00
Spiked Amount			Recovery	=	115.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	638	2.127	ug/l #	82
5) Bromomethane	2.66	94	229	1.371	ug/l	83
10) Methyl Iodide	4.11	142	97	3.503	ug/l #	41
11) Tert butyl alcohol	4.94	59	44	1.975	ug/l #	72
13) Acrolein	3.96	56	50	2.576	ug/l #	14
16) Acetone	3.93	43	179	2.838	ug/l #	42
20) Methylene Chloride	4.72	84	528	1.953	ug/l #	55
25) 2-Butanone	7.00	43	207	2.056	ug/l #	49
29) Tetrahydrofuran	7.37	42	76	1.234	ug/l #	35
30) Chloroform	7.52	83	725	1.694	ug/l #	50
36) 1,1-Dichloropropene	7.80	75	1558	4.342	ug/l #	42
38) Carbon Tetrachloride	7.80	117	2640	7.646	ug/l #	11
51) 4-Methyl-2-Pentanone	10.08	43	648	3.045	ug/l #	85
55) 1,1,2-Trichloroethane	10.62	97	562	2.729	ug/l #	14
56) Ethyl methacrylate	10.50	69	364	1.247	ug/l #	25
59) 2-Hexanone	10.80	43	2348	15.146	ug/l #	24
67) Ethyl Benzene	11.59	91	2096	1.673	ug/l	93
68) m/p-Xylenes	11.70	106	1439	2.968	ug/l	89
73) Isopropylbenzene	12.33	105	10095	7.845	ug/l	92
74) N-amyl acetate	12.12	43	41695	113.129	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.55	83	6763	26.542	ug/l #	58
76) 1,2,3-Trichloropropane	12.48	75	7456	37.607	ug/l #	100
78) n-propylbenzene	12.67	91	21264	13.695	ug/l	100
79) 2-Chlorotoluene	12.80	91	2669	3.096	ug/l	83
80) 1,3,5-Trimethylbenzene	12.81	105	4061	3.789	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.48	75	7456	84.321	ug/l #	32
82) 4-Chlorotoluene	12.84	91	971	1.087	ug/l	82
83) tert-Butylbenzene	13.07	119	8422	9.203	ug/l	94
84) 1,2,4-Trimethylbenzene	13.12	105	204804	191.921	ug/l	100
85) sec-Butylbenzene	13.25	105	35252	27.038	ug/l #	64
86) p-Isopropyltoluene	13.36	119	6156	5.298	ug/l	91
89) n-Butylbenzene	13.69	91	55408	48.345	ug/l #	79
90) Hexachloroethane	13.97	117	22903	106.615	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.38	75	581	12.884	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

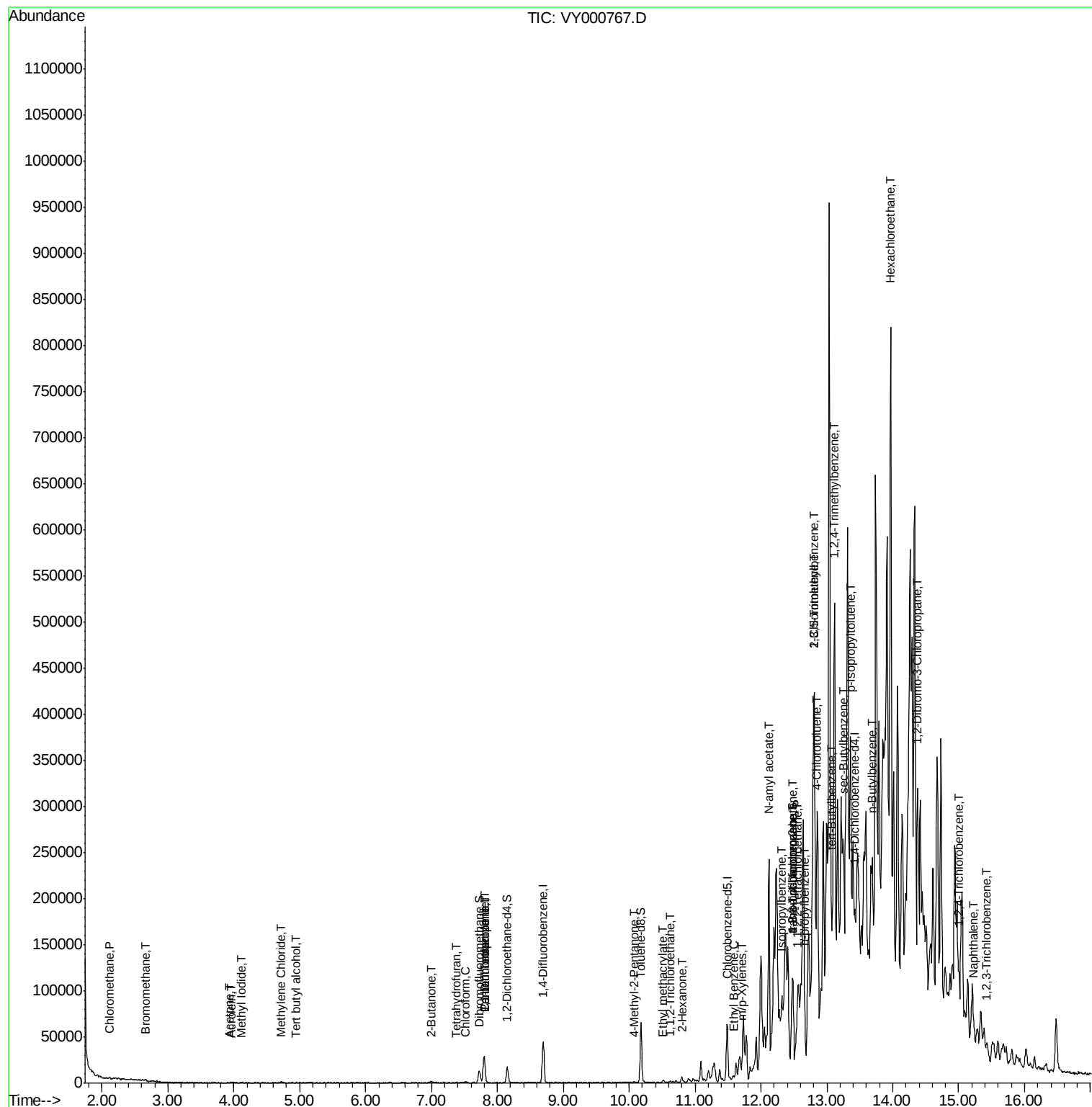
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	814	2.305	ug/l #	1
95) Naphthalene	15.23	128	11060	14.109	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.42	180	810	2.557	ug/l #	1

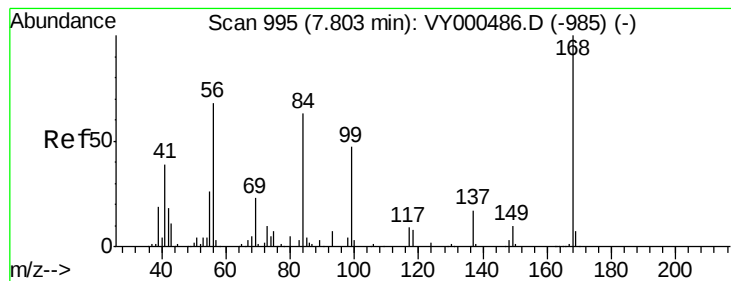
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
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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: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

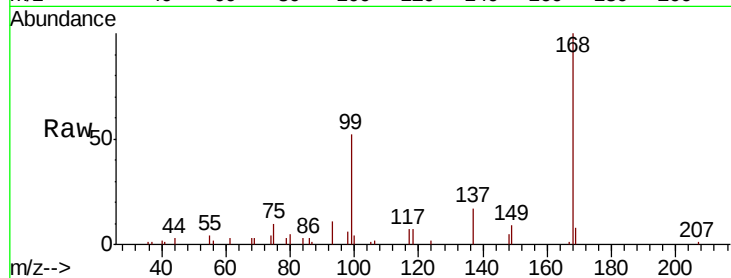
MW-2-(12-14)RE

Tot Ion:168 Resp: 22117

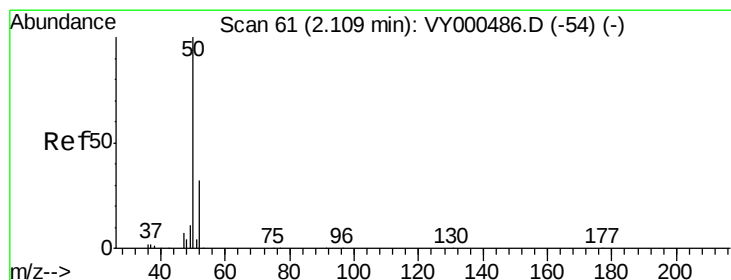
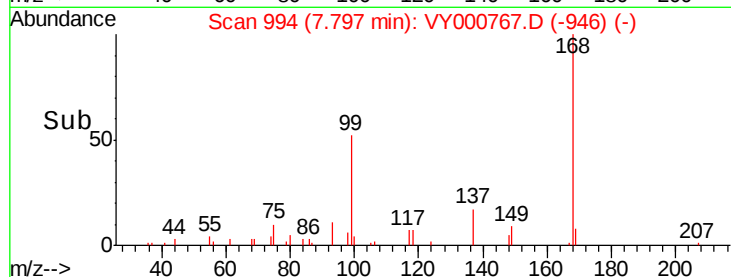
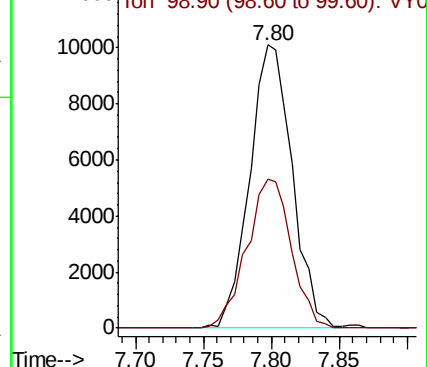
Ion Ratio Lower Upper

168 100

99 52.4 45.7 68.5



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



#3

Chloromethane

Concen: 2.127 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000767.D

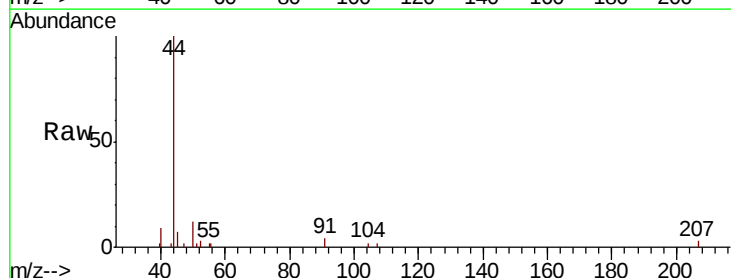
Acq: 21 Nov 2019 14:58

Tgt Ion: 50 Resp: 638

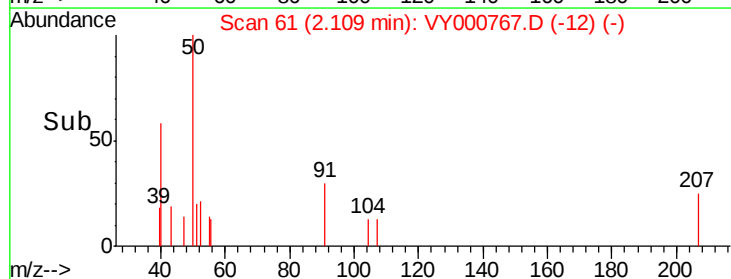
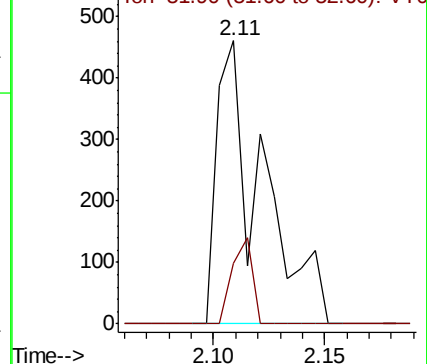
Ion Ratio Lower Upper

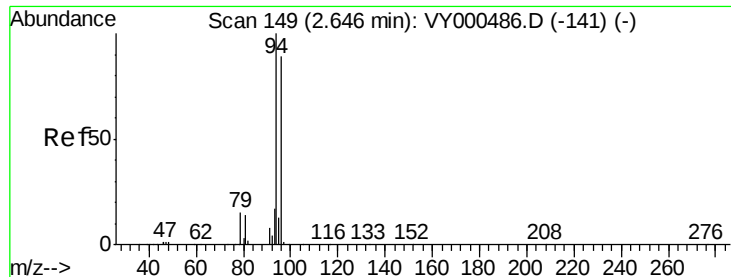
50 100

52 21.5 25.2 37.8#



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





#5

Bromomethane

Concen: 1.371 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

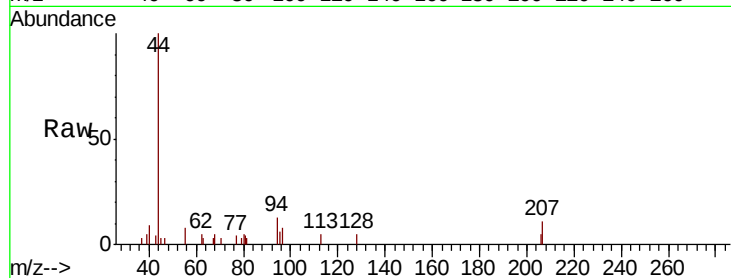
MW-2-(12-14)RE

Tot Ion: 94 Resp: 229

Ion Ratio Lower Upper

94 100

96 105.1 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

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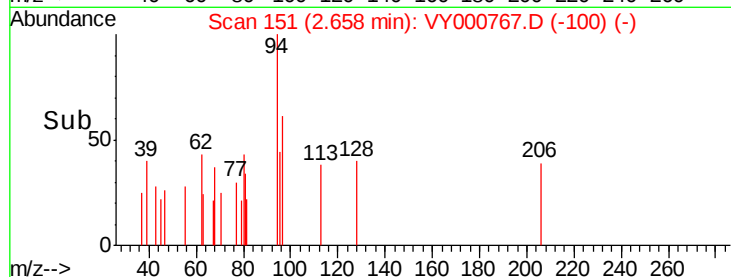
2.66

2.66

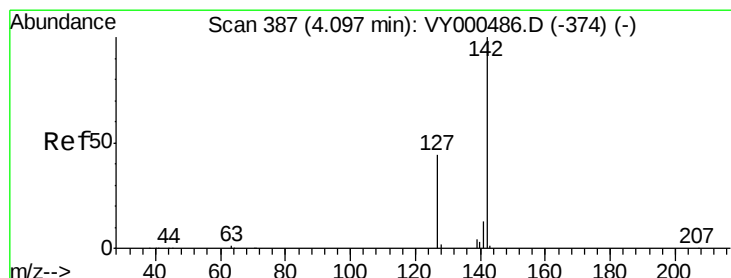
2.66

2.66

2.66



Time-->



#10

Methyl Iodide

Concen: 3.503 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.02 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

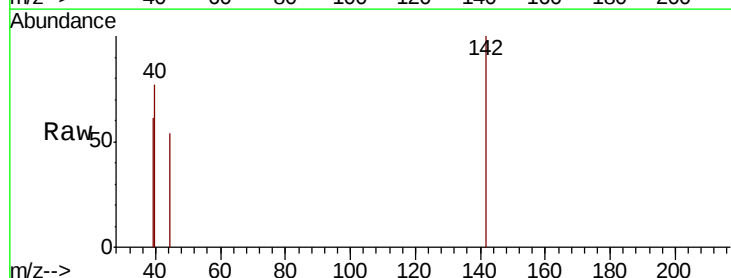
Tgt Ion: 142 Resp: 97

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

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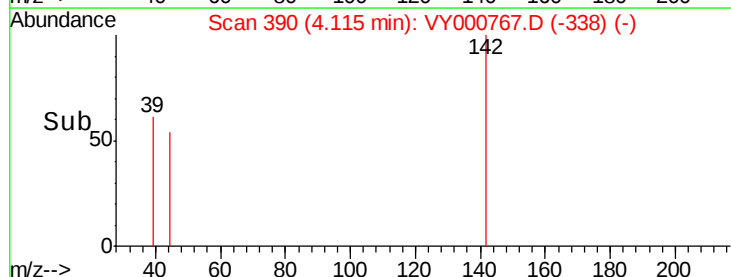
4.11

4.11

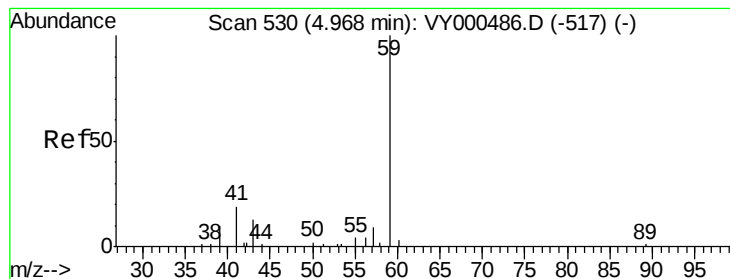
4.11

4.11

4.11



Time-->

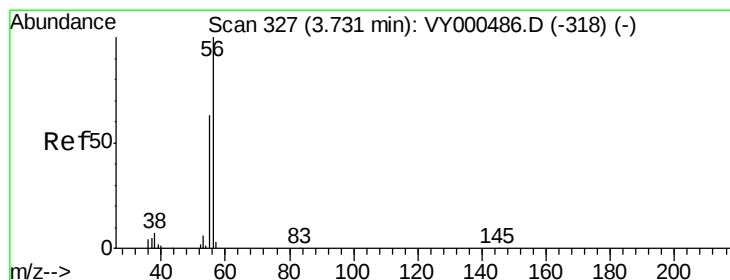
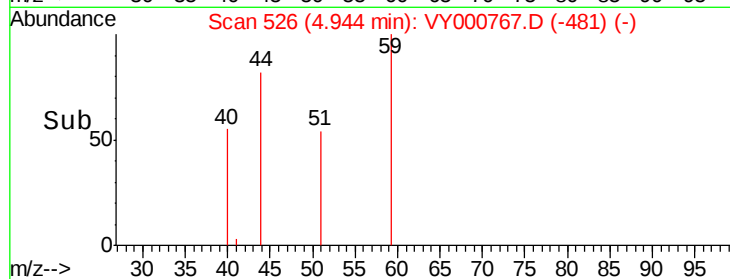
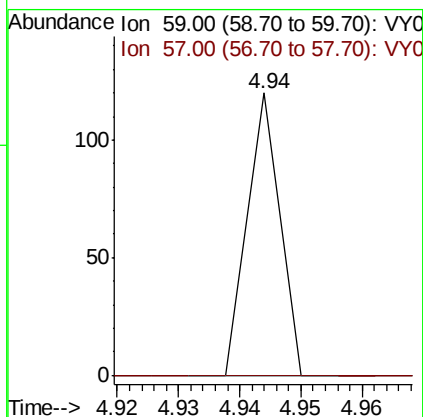
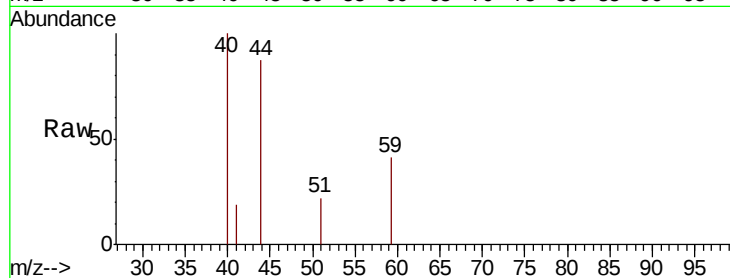


#11

Tert butyl alcohol
 Concen: 1.975 ug/l
 RT: 4.94 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-2-(12-14)RE

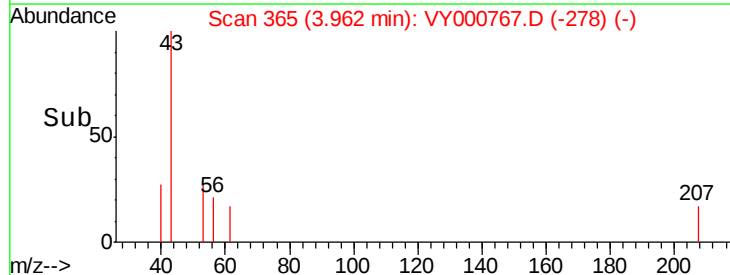
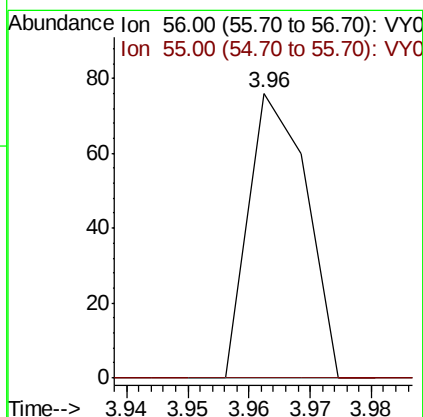
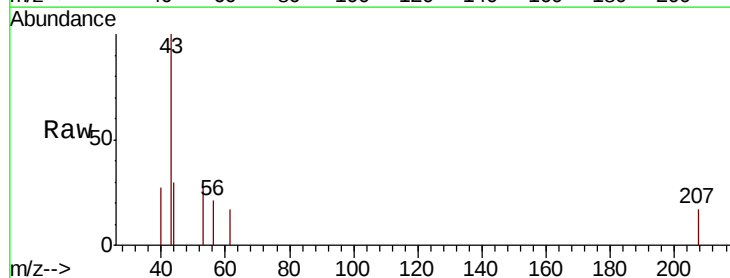
Tot Ion: 59 Resp: 44
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

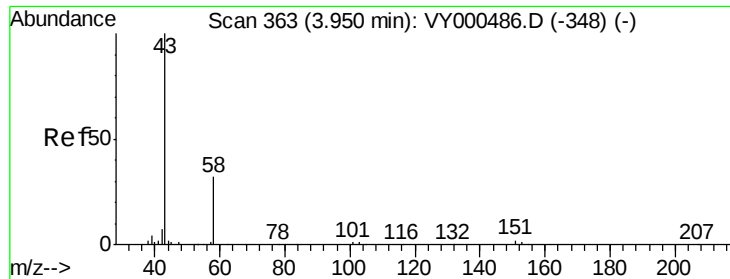


#13

Acrolein
 Concen: 2.576 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.23 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Tgt Ion: 56 Resp: 50
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.0 85.6#





#16

Acetone

Concen: 2.838 ug/l

RT: 3.93 min Scan# 360

Delta R.T. -0.02 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

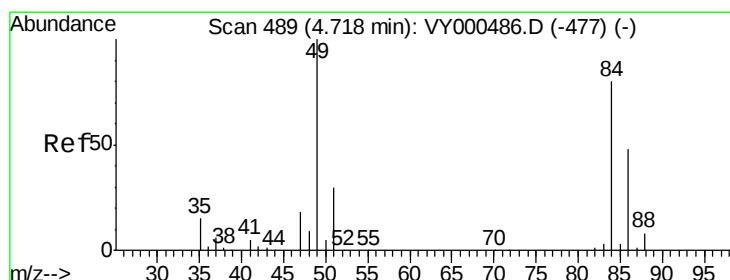
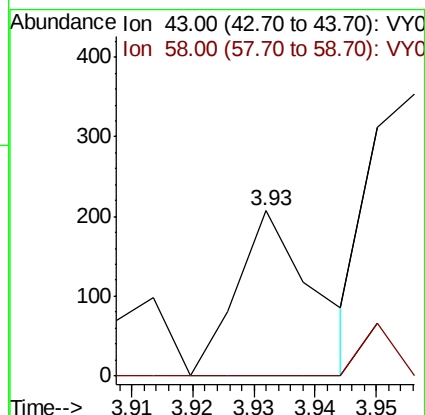
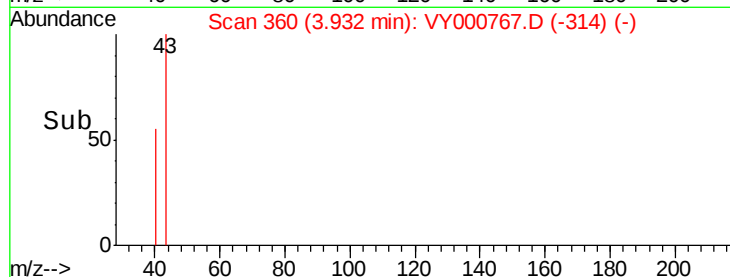
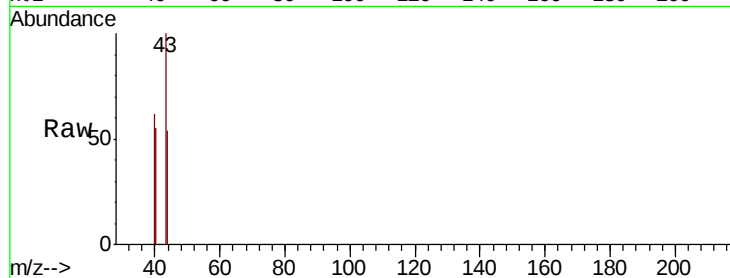
MW-2-(12-14)RE

Tot Ion: 43 Resp: 179

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



#20

Methylene Chloride

Concen: 1.953 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Tgt Ion: 84 Resp: 528

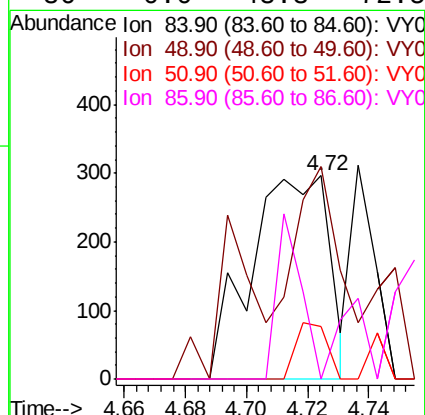
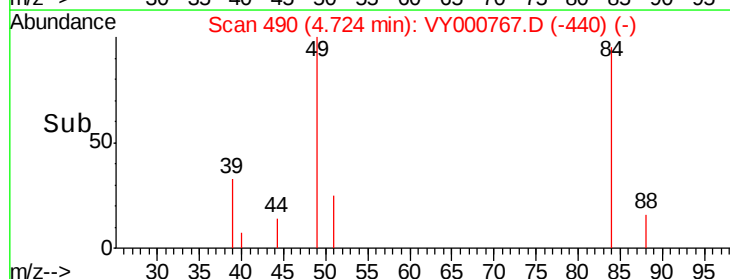
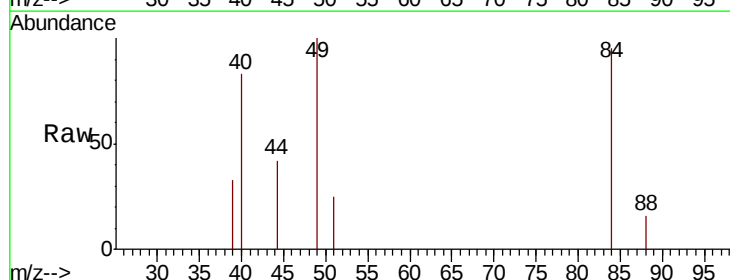
Ion Ratio Lower Upper

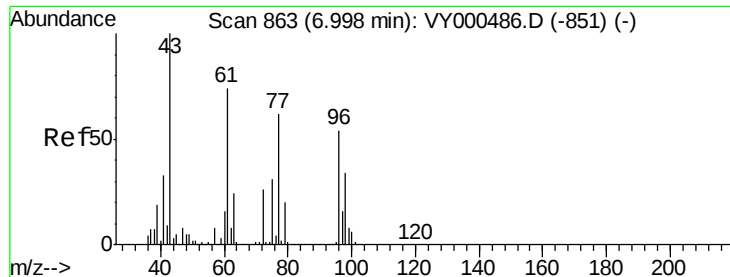
84 100

49 83.8 100.2 150.4#

51 26.0 29.6 44.4#

86 0.0 48.3 72.5#

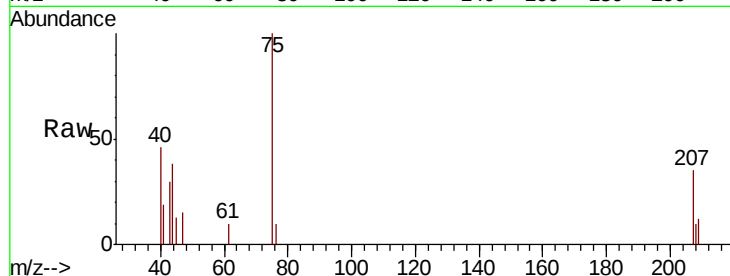




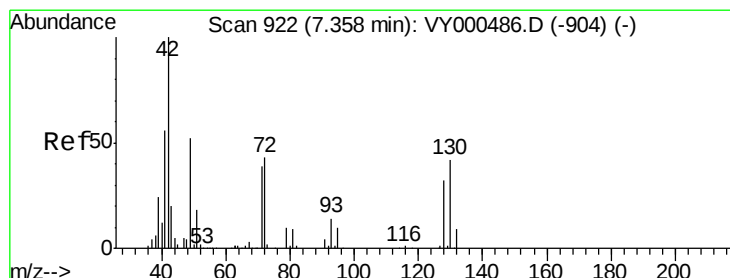
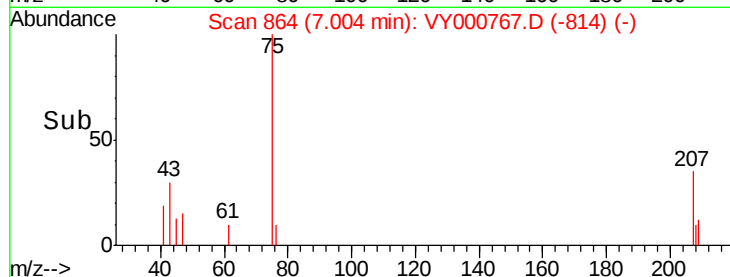
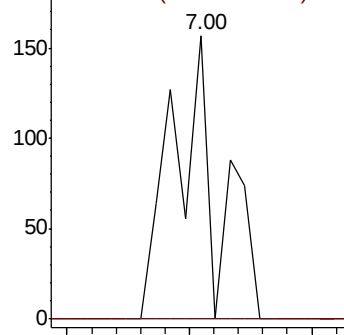
#25
2-Butanone
Concen: 2.056 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Instrument :
MSVOA_Y
ClientSampleId :
MW-2-(12-14)RE

Tot Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#

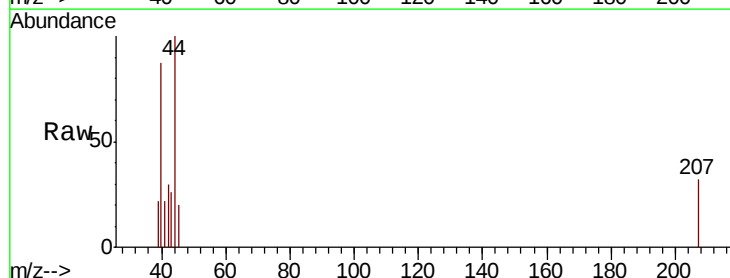


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

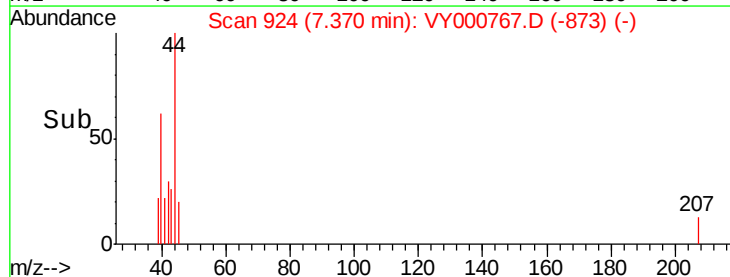
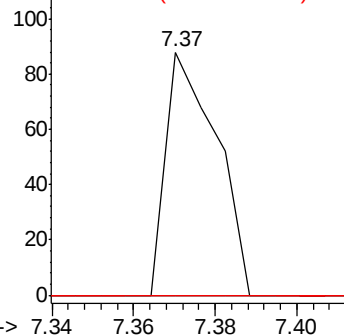


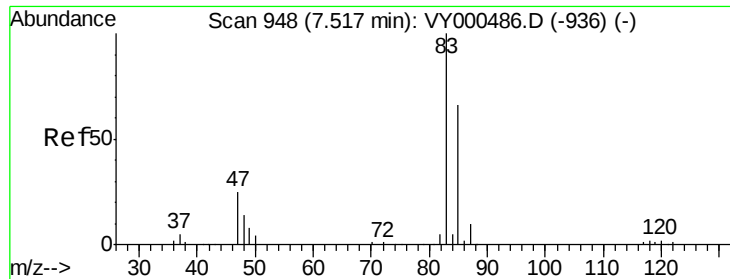
#29
Tetrahydrofuran
Concen: 1.234 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion: 42 Resp: 76
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

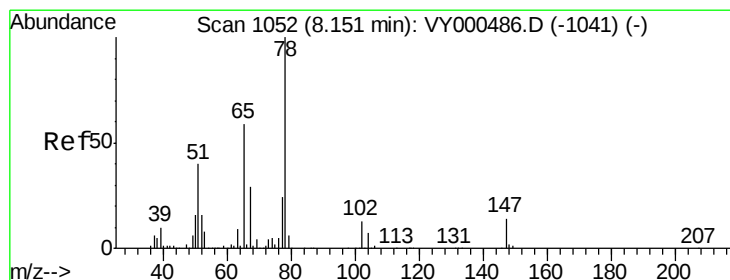
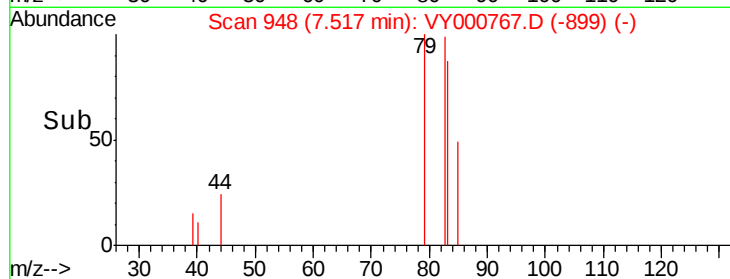
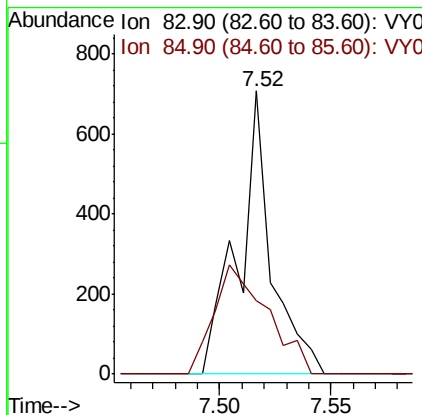
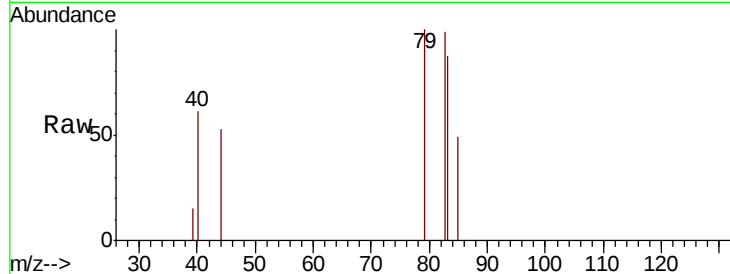




#30
Chloroform
Concen: 1.694 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

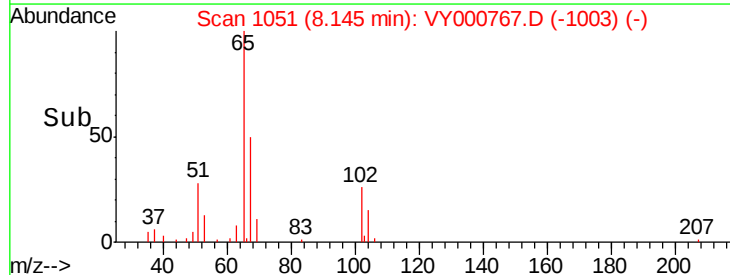
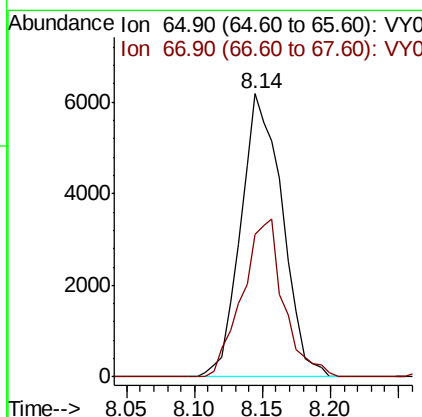
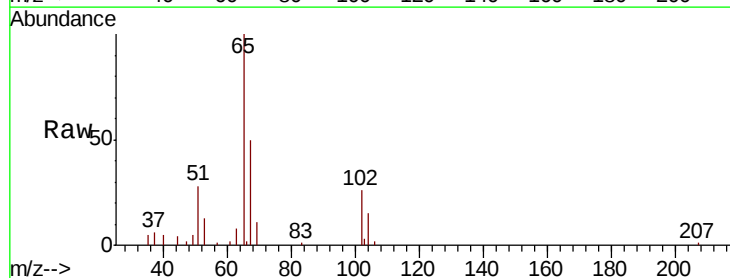
Instrument :
MSVOA_Y
ClientSampleId :
MW-2-(12-14)RE

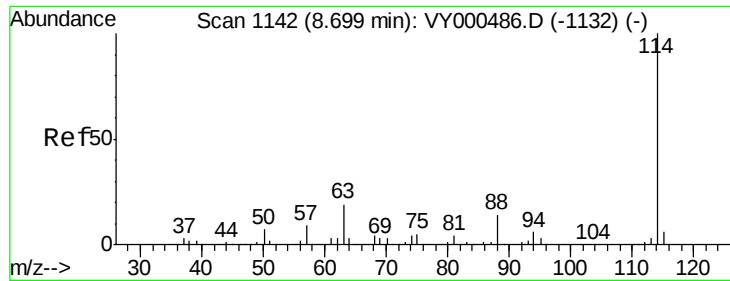
Tot Ion: 83 Resp: 725
Ion Ratio Lower Upper
83 100
85 26.2 53.0 79.4#



#33
1,2-Dichloroethane-d4
Concen: 57.479 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion: 65 Resp: 13156
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.2

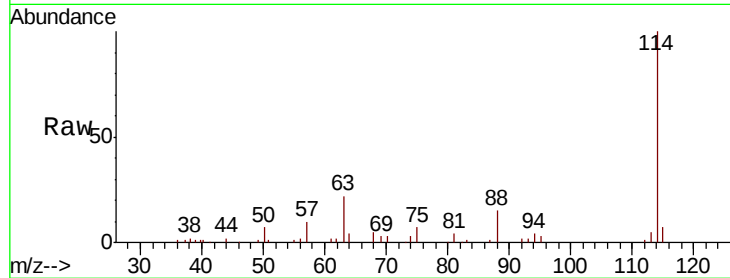




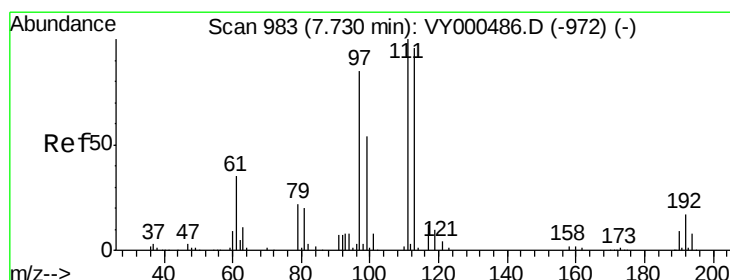
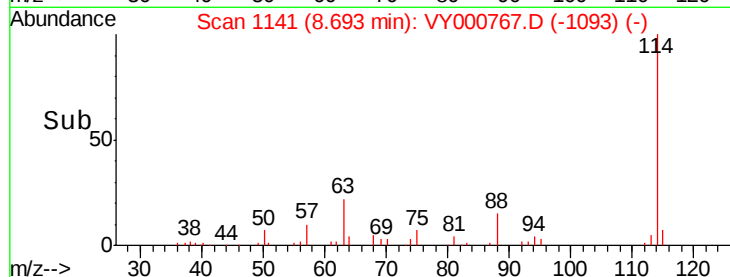
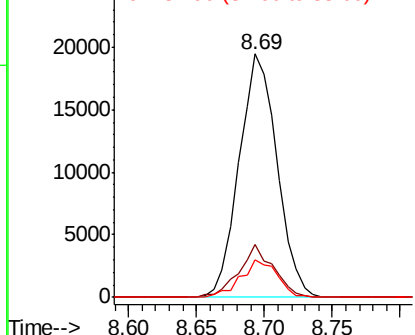
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-2-(12-14)RE

Tot Ion:114 Resp: 37958
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 38.0
 88 15.2 0.0 28.6

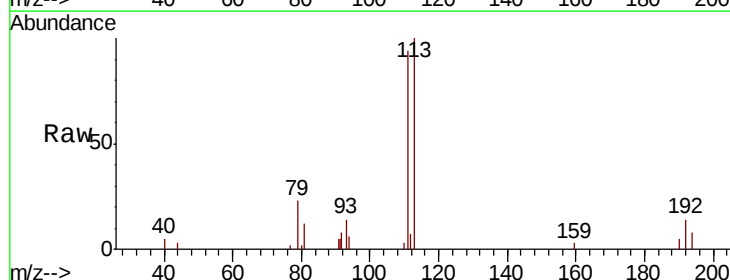


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

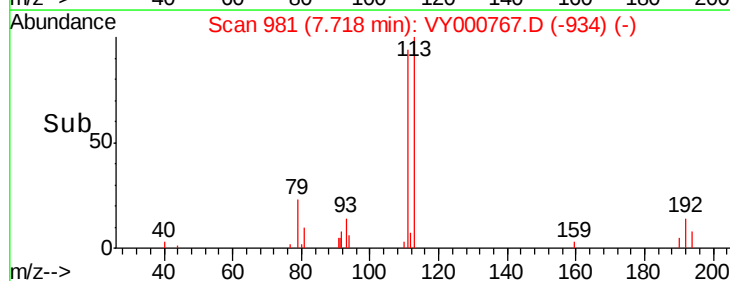
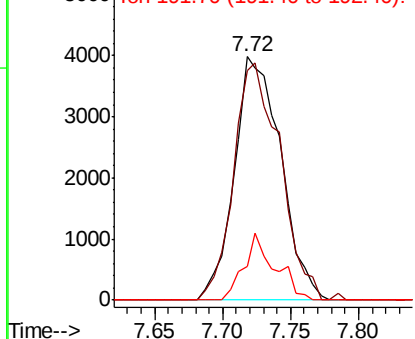


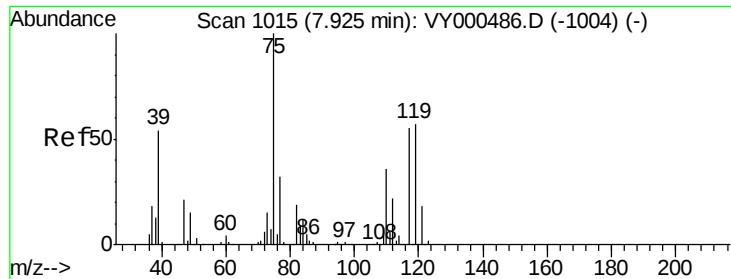
#35
 Dibromofluoromethane
 Concen: 42.609 ug/l
 RT: 7.72 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Tgt Ion:113 Resp: 9495
 Ion Ratio Lower Upper
 113 100
 111 97.2 81.7 122.5
 192 18.1 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

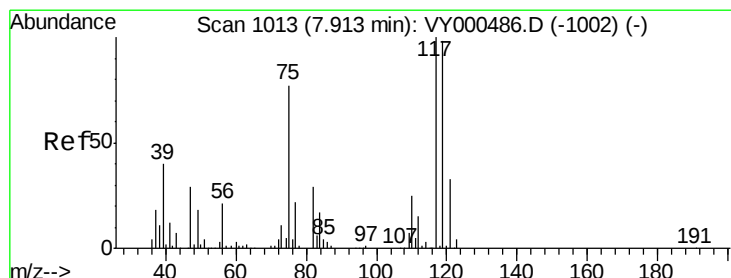
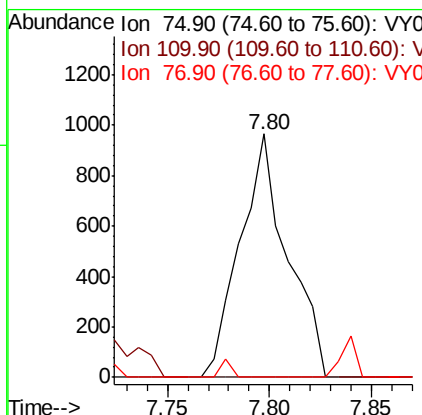
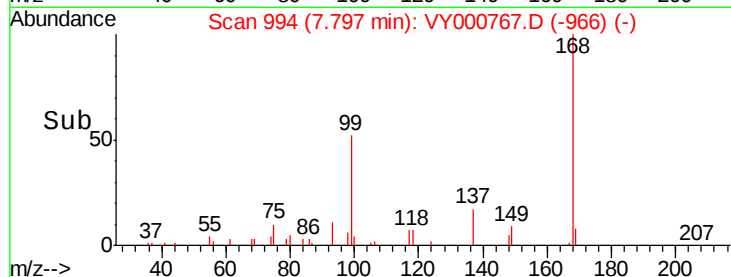
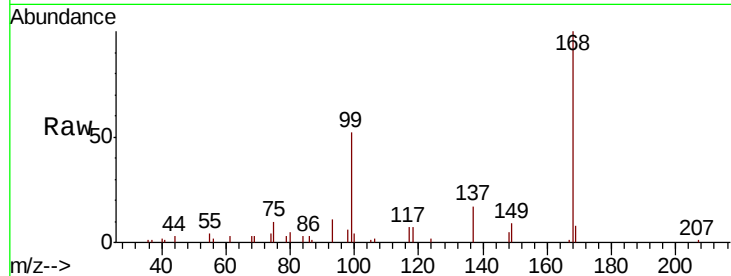




#36
 1,1-Dichloropropene
 Concen: 4.342 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

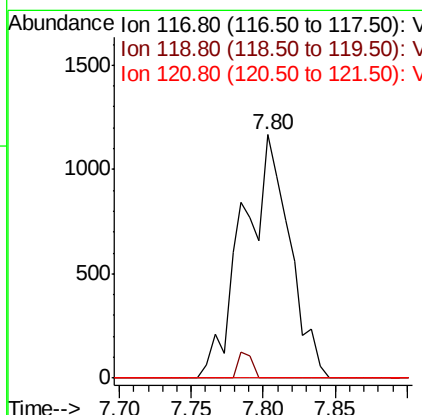
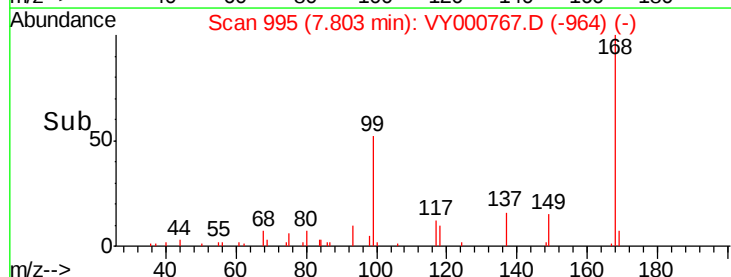
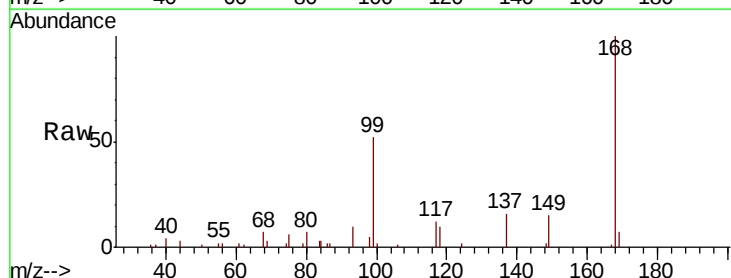
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-2-(12-14)RE

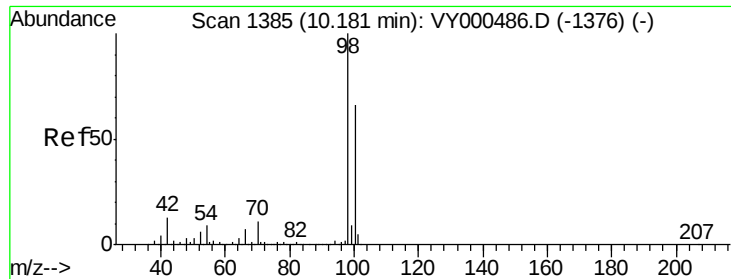
Tot Ion: 75 Resp: 1558
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.1#
 77 1.7 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 7.646 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Tgt Ion: 117 Resp: 2640
 Ion Ratio Lower Upper
 117 100
 119 0.0 78.0 117.0#
 121 0.0 26.6 40.0#





#50

Toluene-d8

Concen: 52.397 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

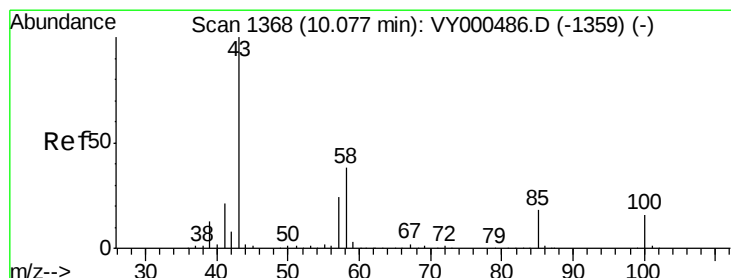
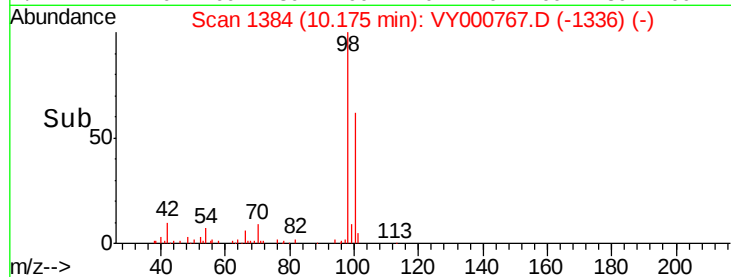
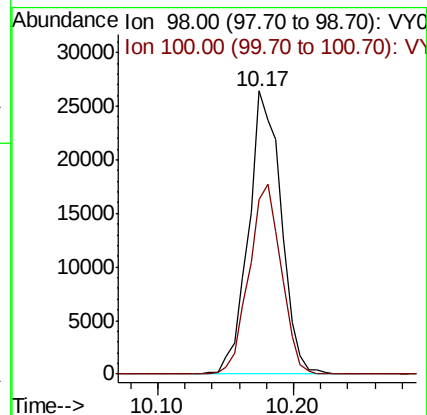
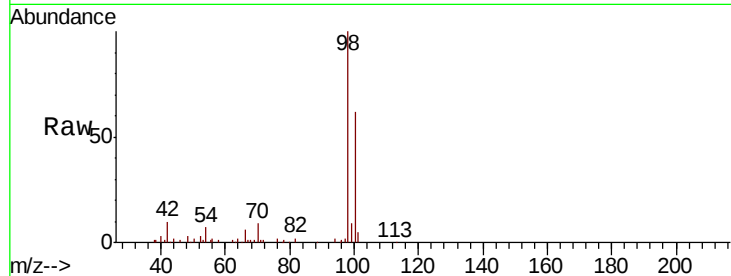
MW-2-(12-14)RE

Tot Ion: 98 Resp: 44304

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 3.045 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000767.D

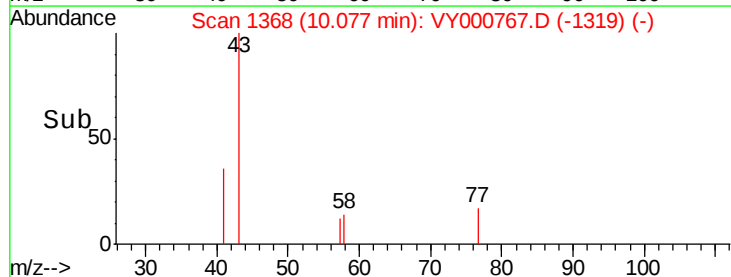
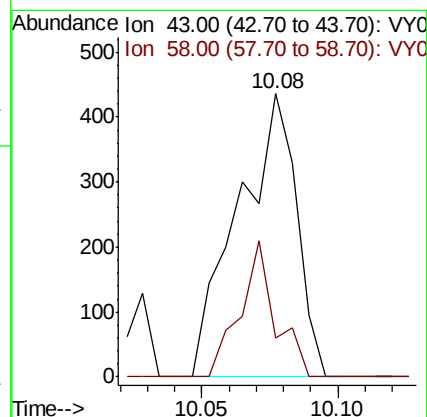
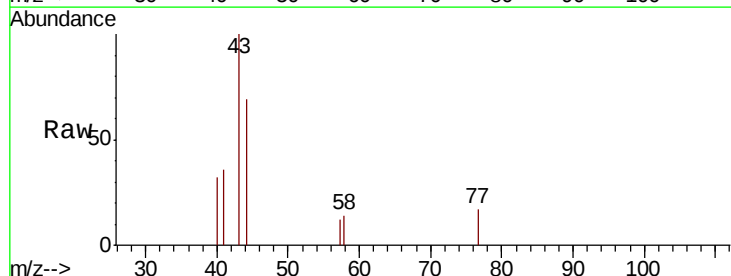
Acq: 21 Nov 2019 14:58

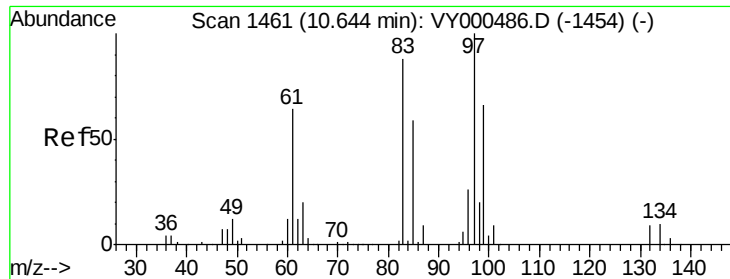
Tgt Ion: 43 Resp: 648

Ion Ratio Lower Upper

43 100

58 28.7 30.2 45.4#





#55

1,1,2-Trichloroethane

Concen: 2.729 ug/l

RT: 10.62 min Scan# 1457

Delta R.T. -0.02 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

MW-2-(12-14)RE

Tot Ion: 97 Resp: 562

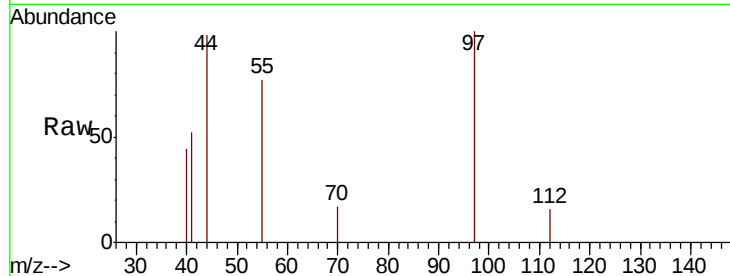
Ion Ratio Lower Upper

97 100

83 0.0 70.2 105.4#

85 0.0 46.9 70.3#

99 0.0 52.6 78.8#

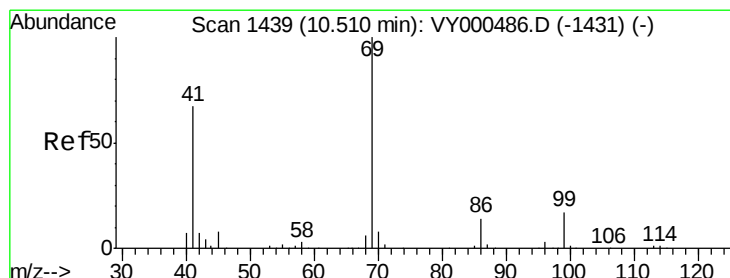
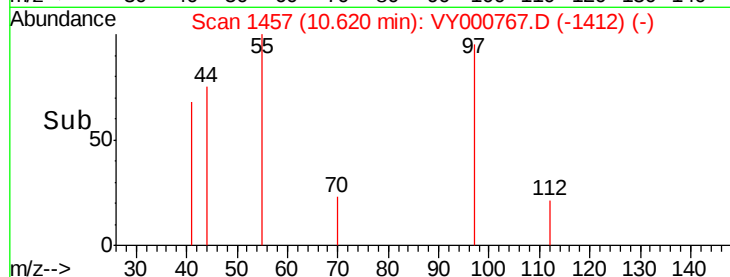
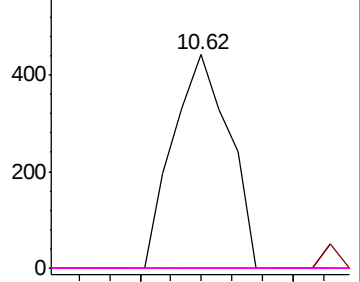


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 1.247 ug/l

RT: 10.50 min Scan# 1437

Delta R.T. -0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

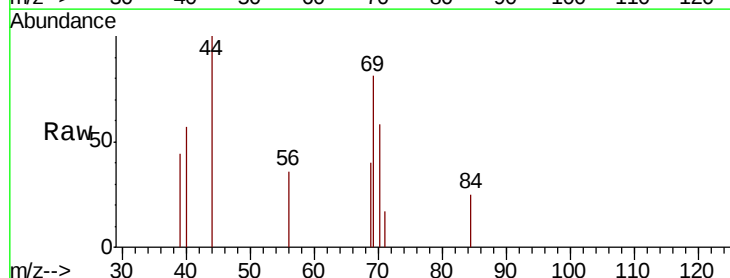
Tgt Ion: 69 Resp: 364

Ion Ratio Lower Upper

69 100

41 0.0 53.3 79.9#

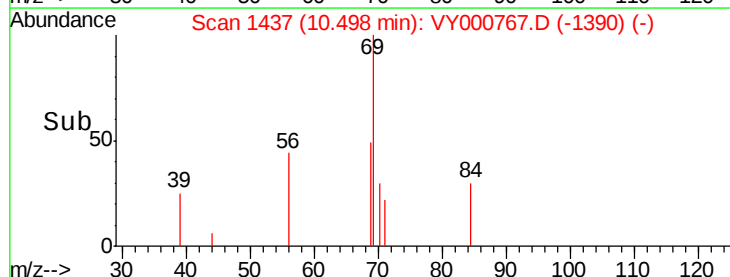
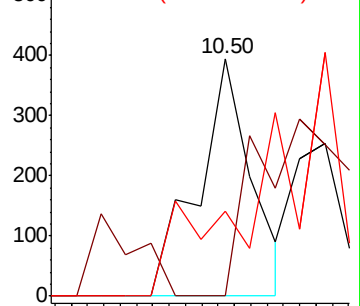
39 0.0 28.0 42.0#

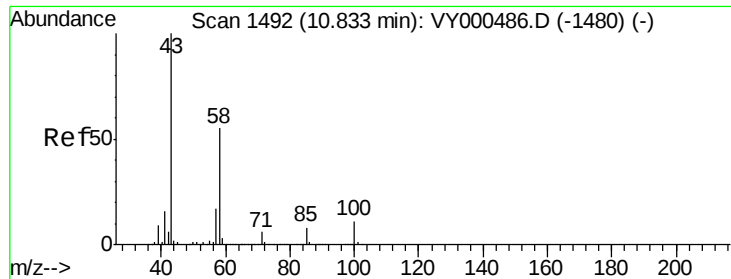


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

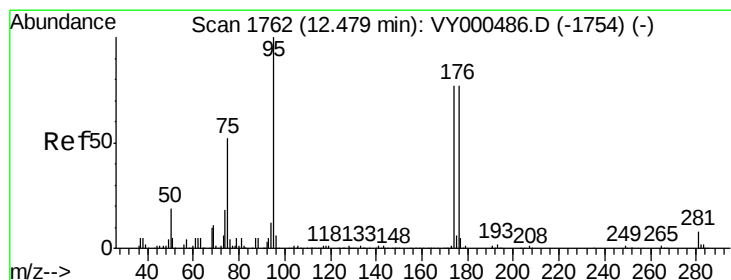
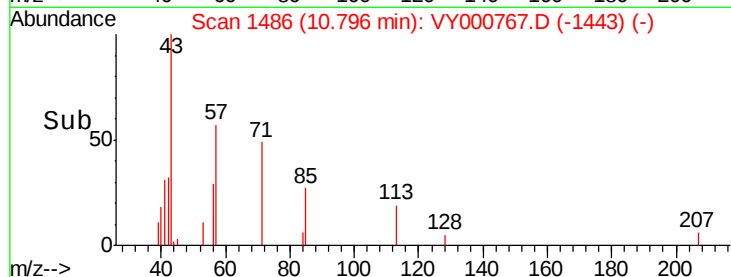
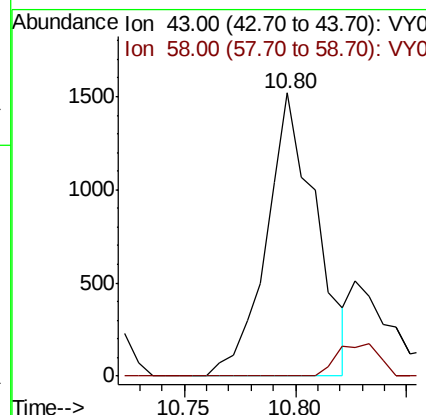
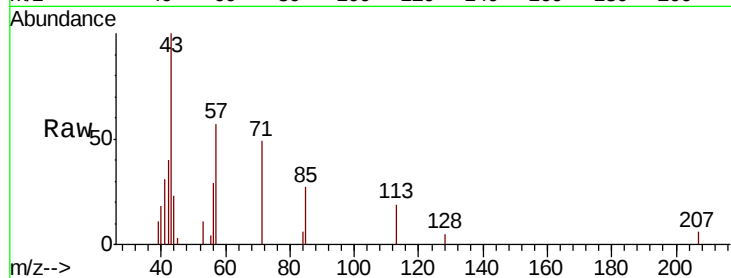




#59
2-Hexanone
Concen: 15.146 ug/l
RT: 10.80 min Scan# 1486
Delta R.T. -0.04 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

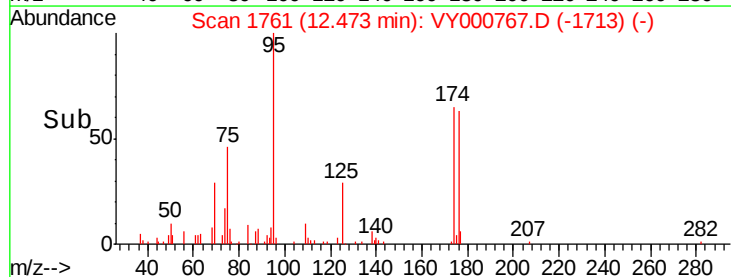
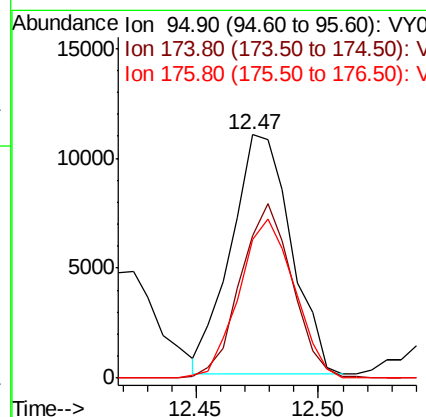
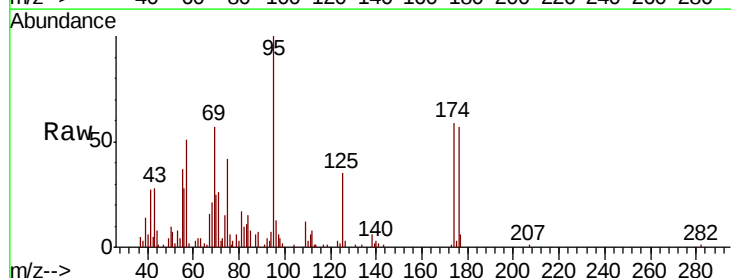
Instrument :
MSVOA_Y
ClientSampleId :
MW-2-(12-14)RE

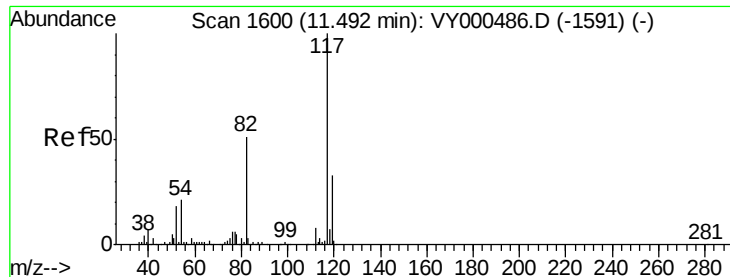
Tot Ion: 43 Resp: 2348
Ion Ratio Lower Upper
43 100
58 0.0 27.1 81.3#



#62
4-Bromofluorobenzene
Concen: 57.553 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion: 95 Resp: 18526
Ion Ratio Lower Upper
95 100
174 63.2 0.0 161.6
176 61.1 0.0 157.8

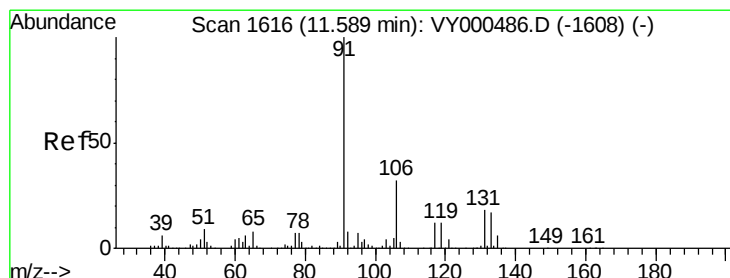
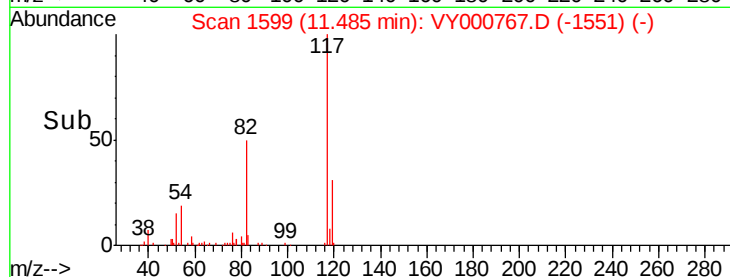
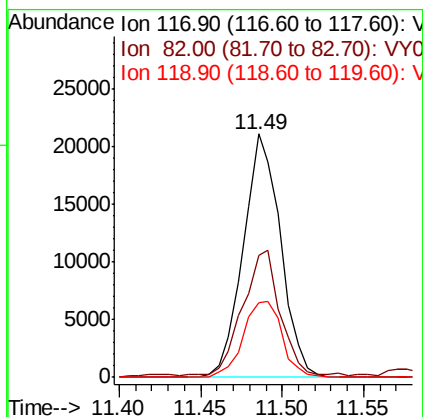
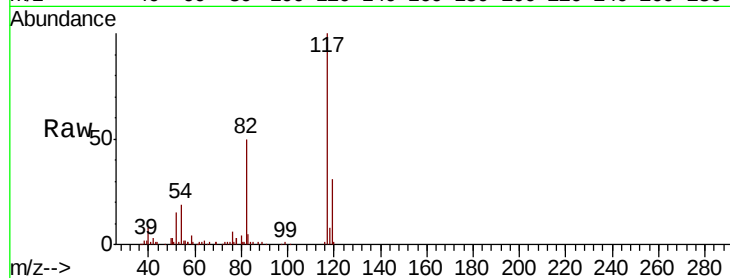




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

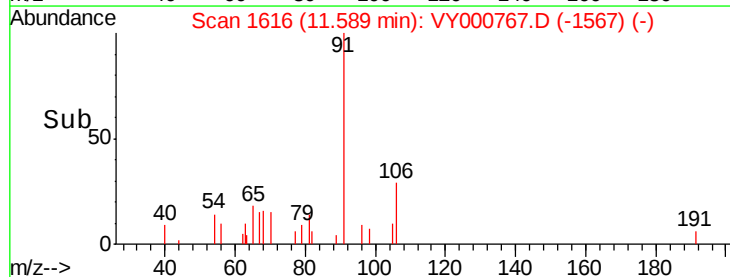
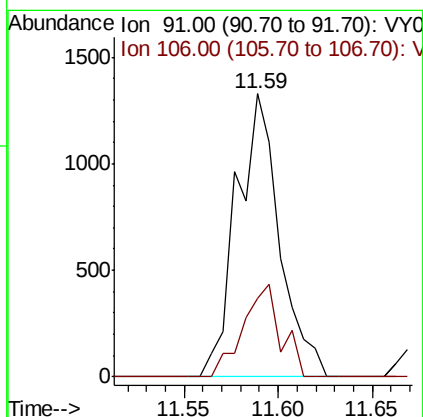
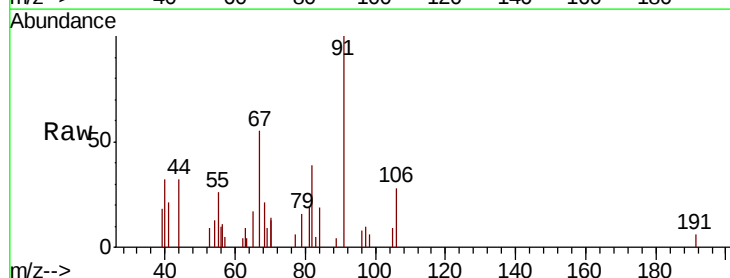
Instrument :
MSVOA_Y
ClientSampleId :
MW-2-(12-14)RE

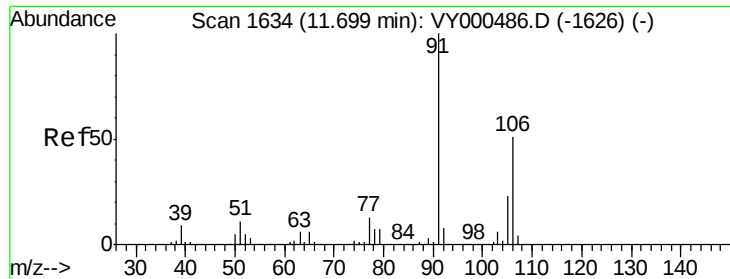
Tot Ion:117 Resp: 33568
Ion Ratio Lower Upper
117 100
82 49.1 40.8 61.2
119 30.7 26.2 39.2



#67
Ethyl Benzene
Concen: 1.673 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion: 91 Resp: 2096
Ion Ratio Lower Upper
91 100
106 27.6 25.4 38.0

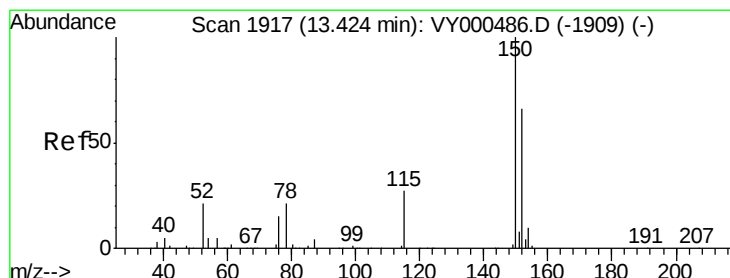
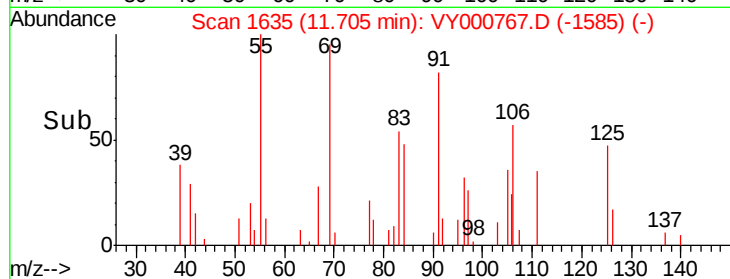
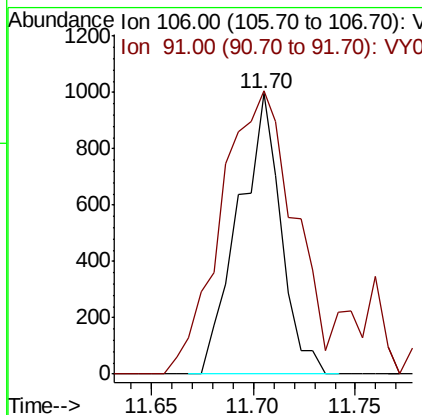
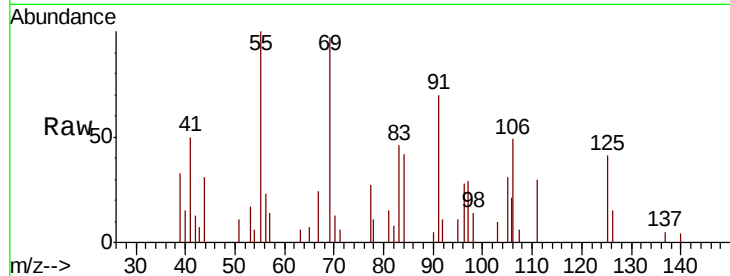




#68
m/p-Xvlenes
Concen: 2.968 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

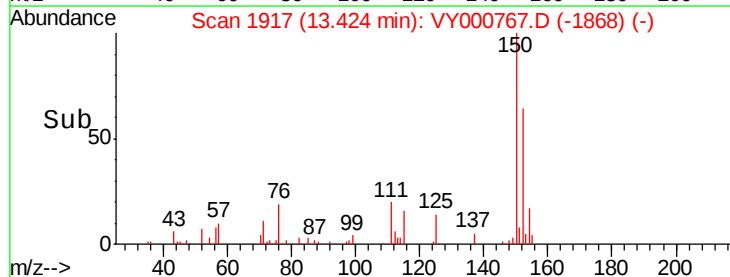
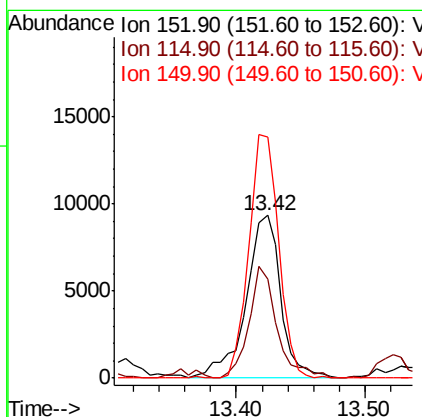
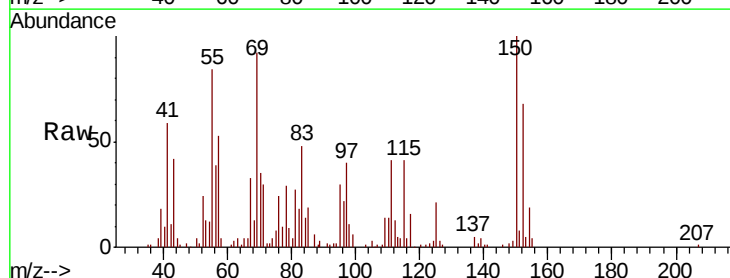
Instrument :
MSVOA_Y
ClientSampleId :
MW-2-(12-14)RE

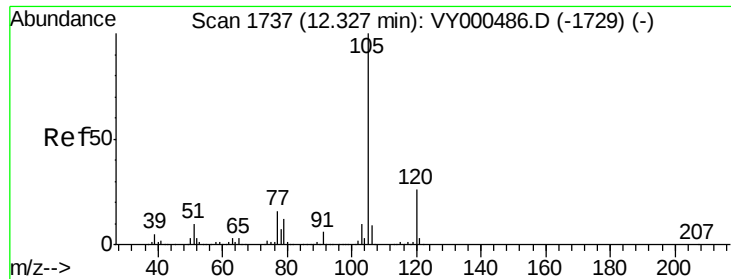
Tot Ion:106 Resp: 1439
Ion Ratio Lower Upper
106 100
91 178.9 155.9 233.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion:152 Resp: 17412
Ion Ratio Lower Upper
152 100
115 54.7 29.1 87.4
150 127.2 0.0 348.8





#73

Isopropylbenzene

Concen: 7.845 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

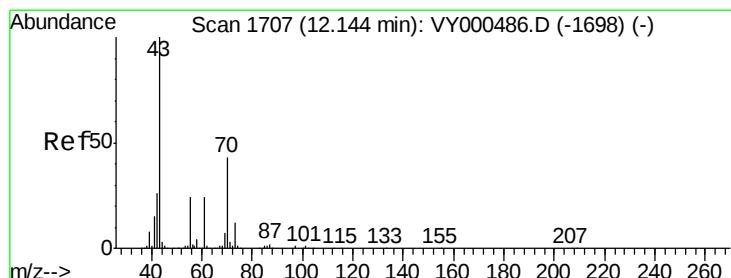
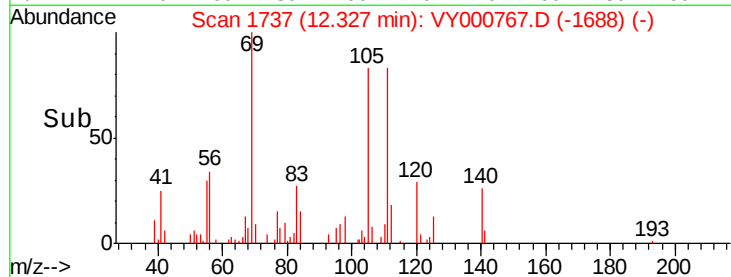
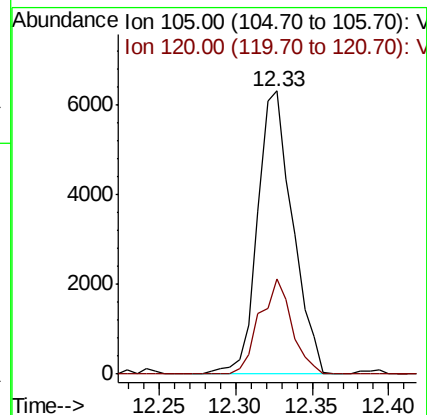
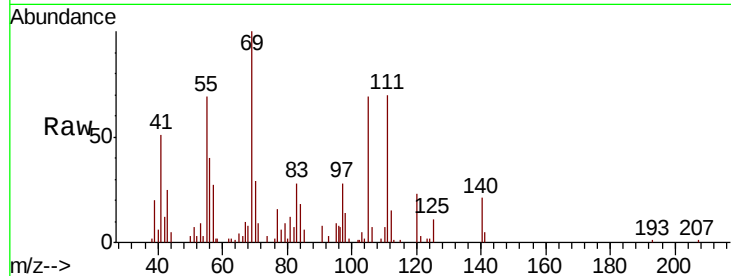
MW-2-(12-14)RE

Tot Ion:105 Resp: 10095

Ion Ratio Lower Upper

105 100

120 30.9 13.5 40.4



#74

N-ethyl acetate

Concen: 113.129 ug/l

RT: 12.12 min Scan# 1703

Delta R.T. -0.02 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Tgt Ion: 43 Resp: 41695

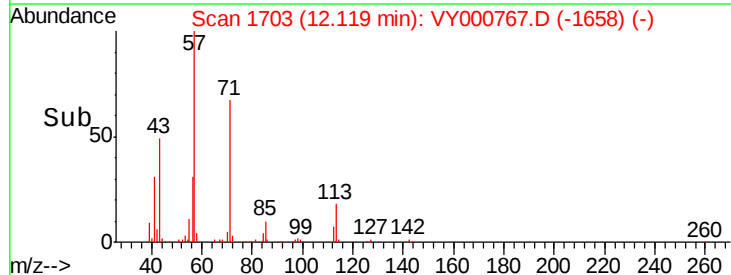
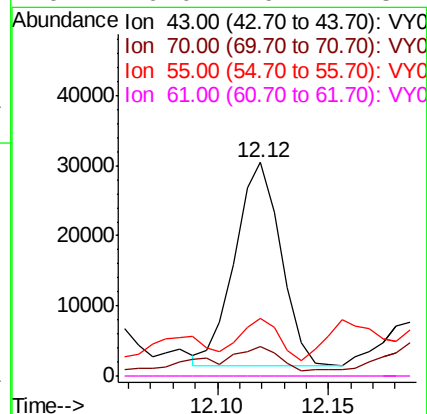
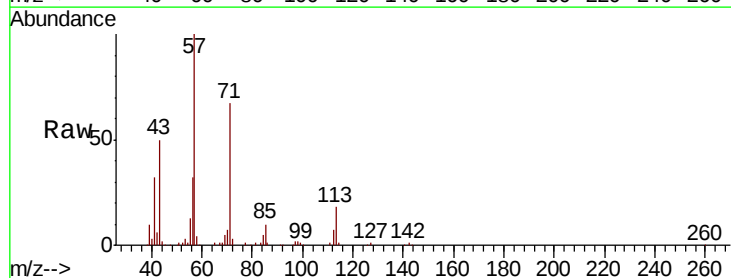
Ion Ratio Lower Upper

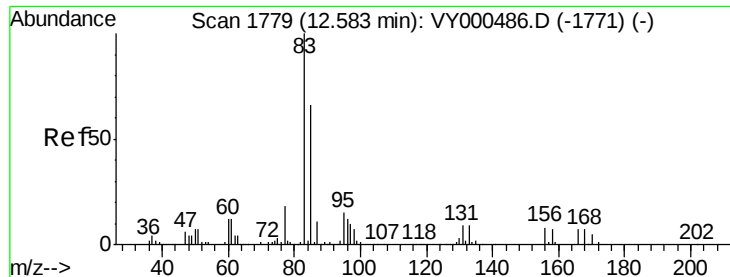
43 100

70 16.0 33.1 49.7#

55 17.1 18.0 27.0#

61 0.0 19.1 28.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 26.542 ug/l

RT: 12.55 min Scan# 1774

Delta R.T. -0.03 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

MW-2-(12-14)RE

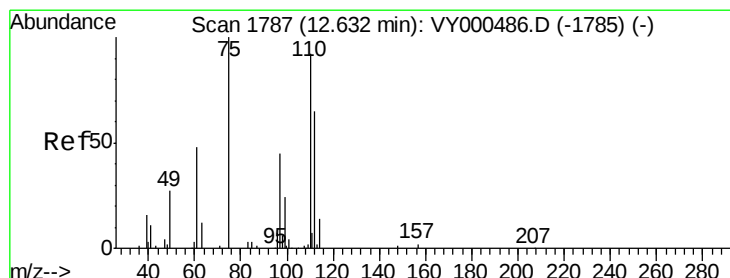
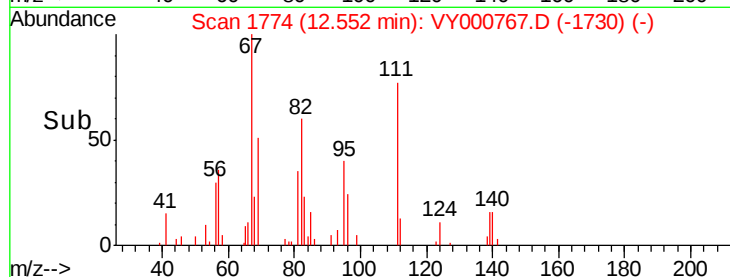
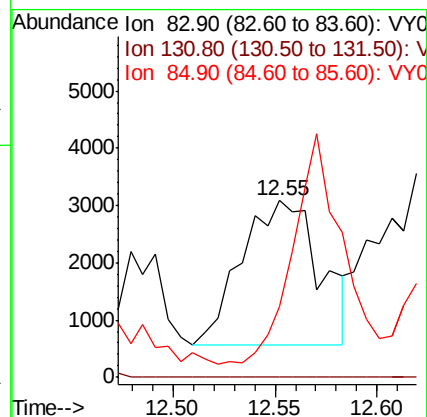
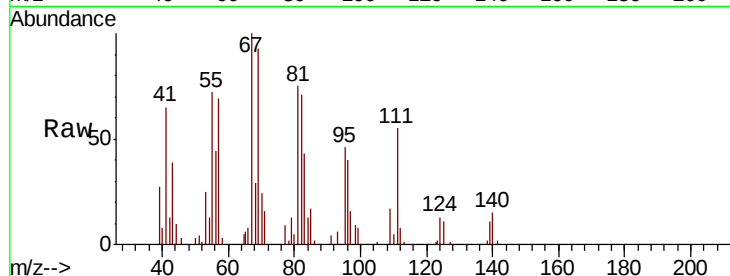
Tot Ion: 83 Resp: 6763

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 99.8 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 37.607 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000767.D

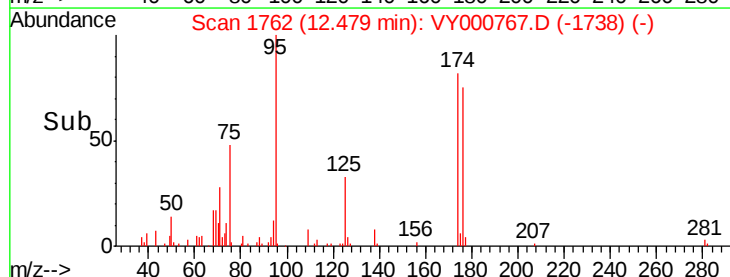
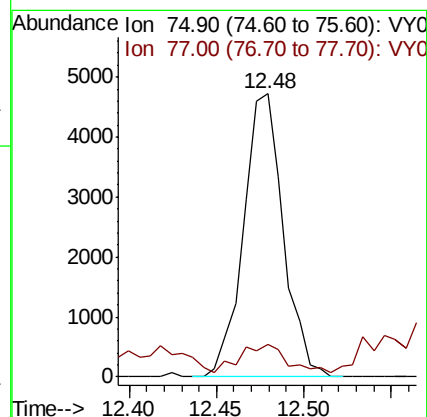
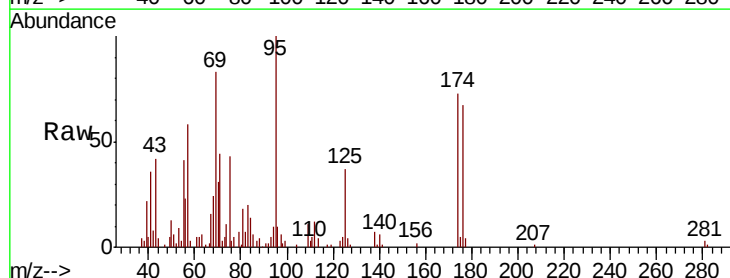
Acq: 21 Nov 2019 14:58

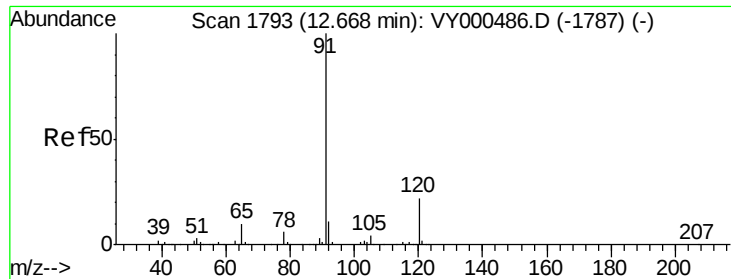
Tgt Ion: 75 Resp: 7456

Ion Ratio Lower Upper

75 100

77 11.6 0.0 0.0#





#78

n-propylbenzene

Concen: 13.695 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

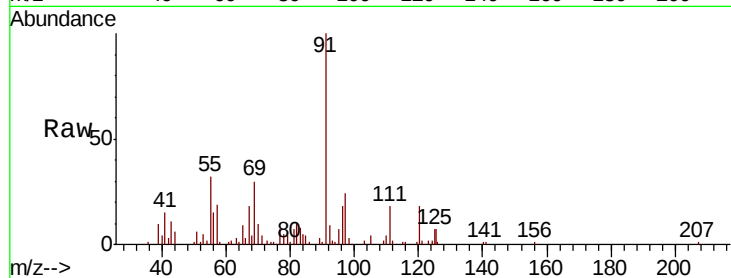
MW-2-(12-14)RE

Tot Ion: 91 Resp: 21264

Ion Ratio Lower Upper

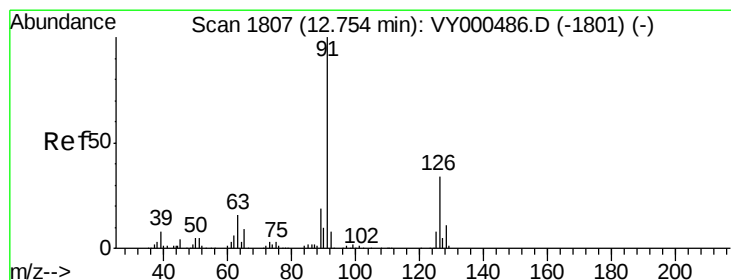
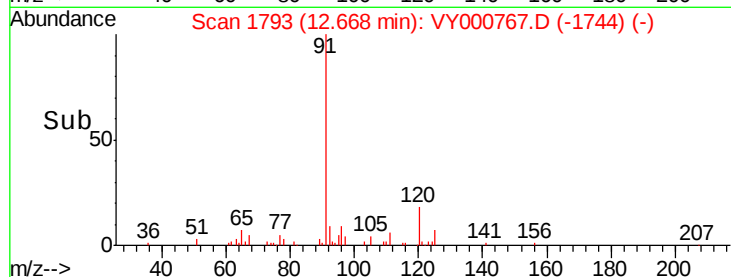
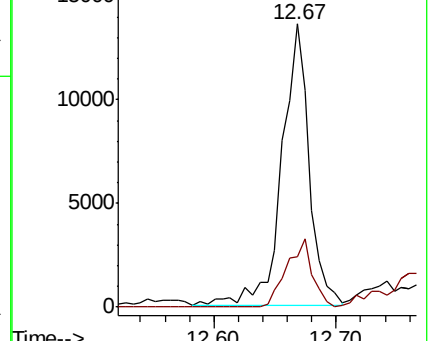
91 100

120 22.7 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: 3.096 ug/l

RT: 12.80 min Scan# 1815

Delta R.T. 0.05 min

Lab File: VY000767.D

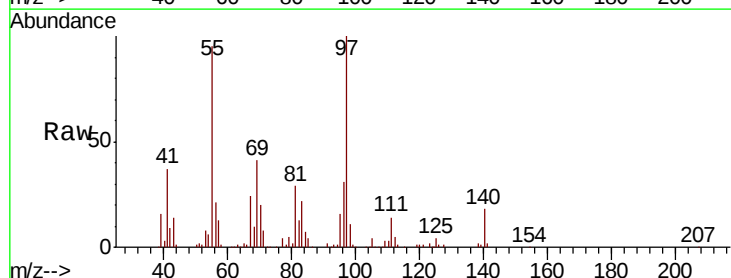
Acq: 21 Nov 2019 14:58

Tgt Ion: 91 Resp: 2669

Ion Ratio Lower Upper

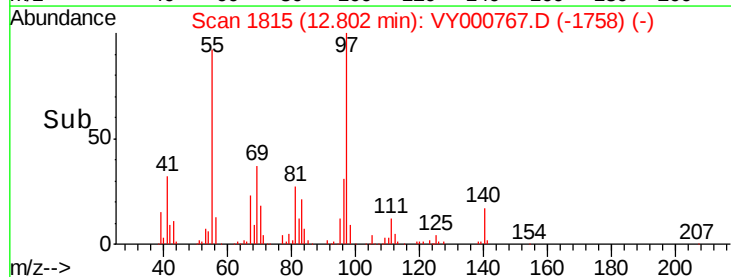
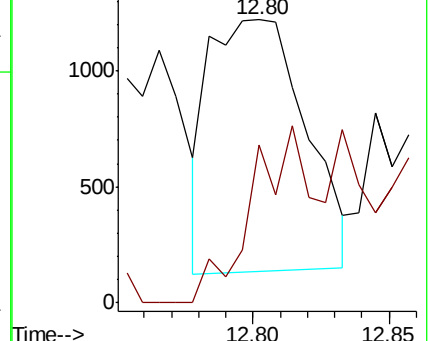
91 100

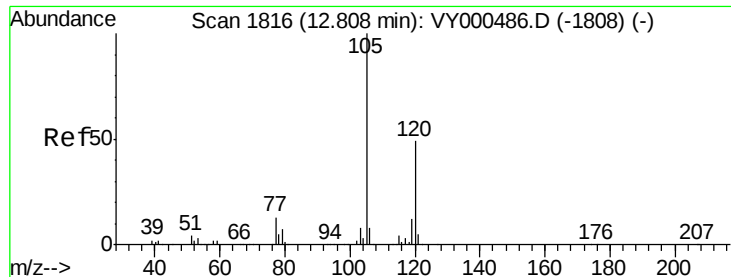
126 45.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

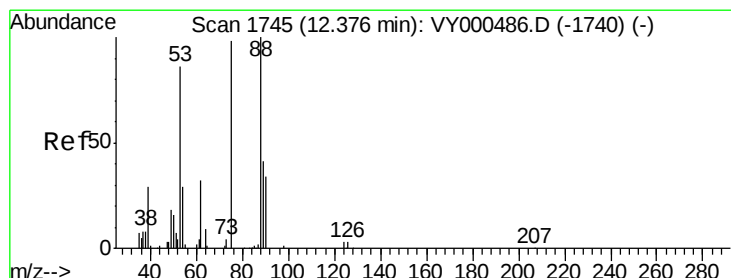
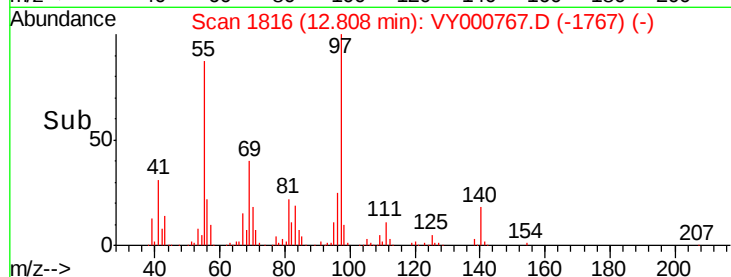
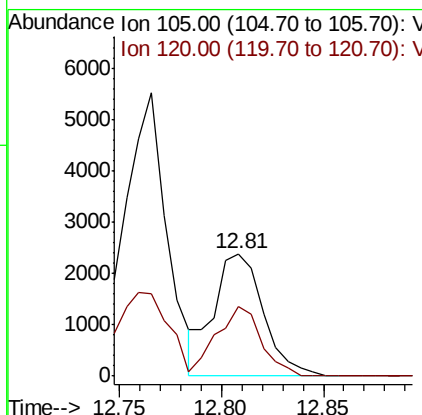
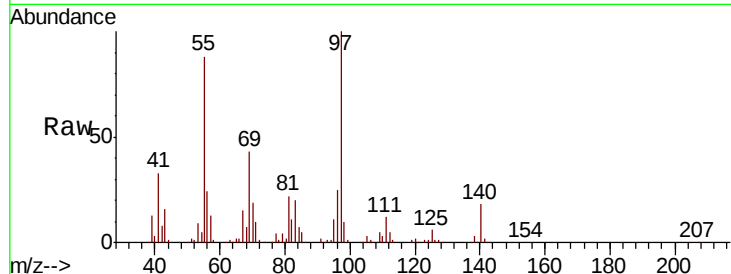




#80
 1,3,5-Trimethylbenzene
 Concen: 3.789 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

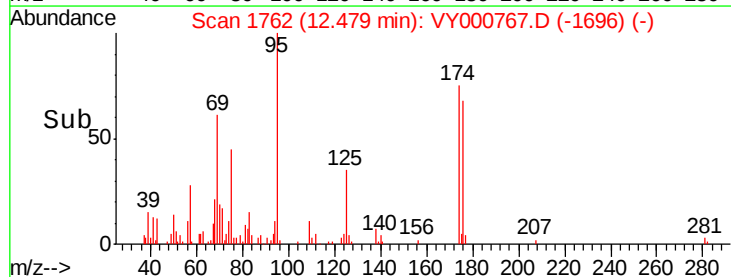
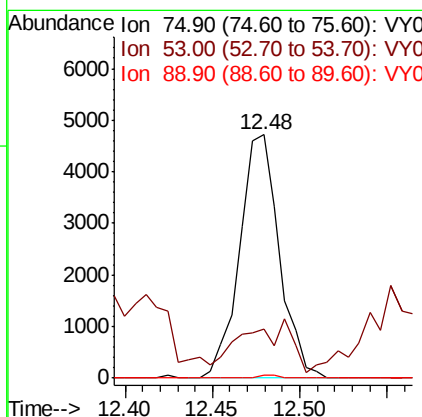
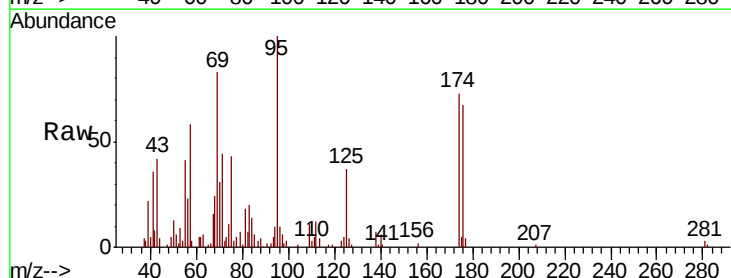
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-2-(12-14)RE

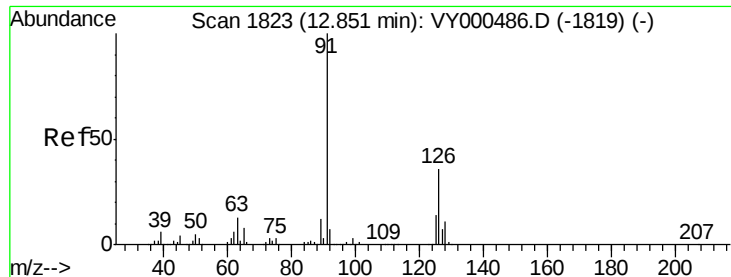
Tot Ion:105 Resp: 4061
 Ion Ratio Lower Upper
 105 100
 120 51.2 24.9 74.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.321 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Tgt Ion: 75 Resp: 7456
 Ion Ratio Lower Upper
 75 100
 53 26.1 73.2 109.8#
 89 0.5 35.9 53.9#

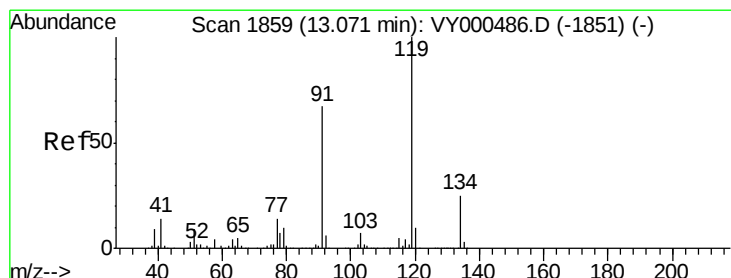
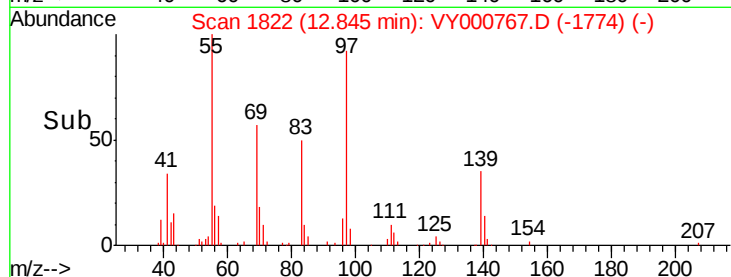
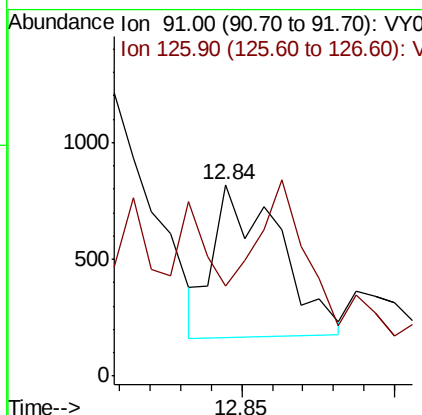
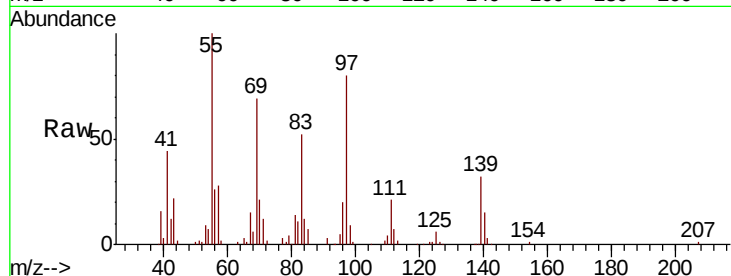




#82
4-Chlorotoluene
Concen: 1.087 ug/l
RT: 12.84 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

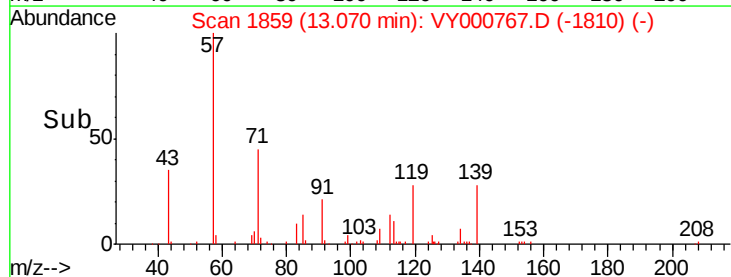
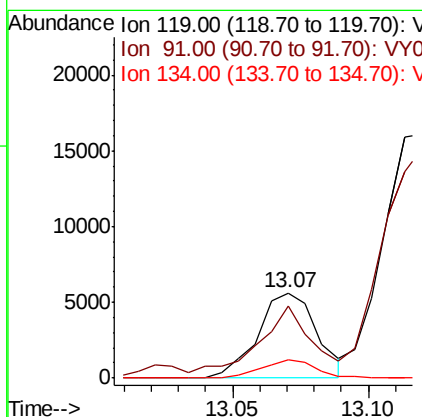
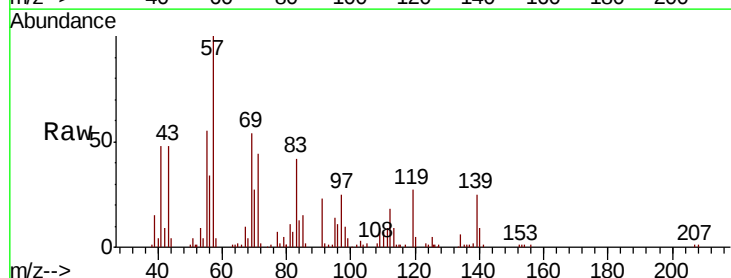
Instrument :
MSVOA_Y
ClientSampleId :
MW-2-(12-14)RE

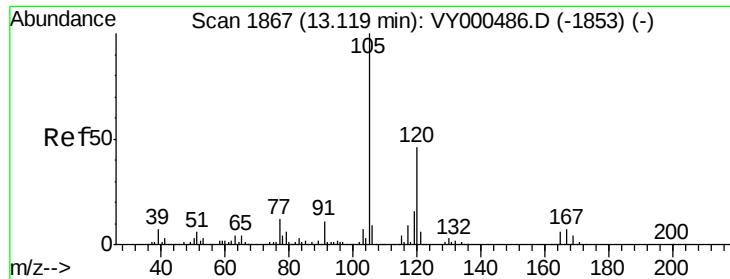
Tot Ion: 91 Resp: 971
Ion Ratio Lower Upper
91 100
126 45.9 17.6 52.9



#83
tert-Butylbenzene
Concen: 9.203 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion: 119 Resp: 8422
Ion Ratio Lower Upper
119 100
91 66.6 32.1 96.3
134 19.8 13.2 39.5

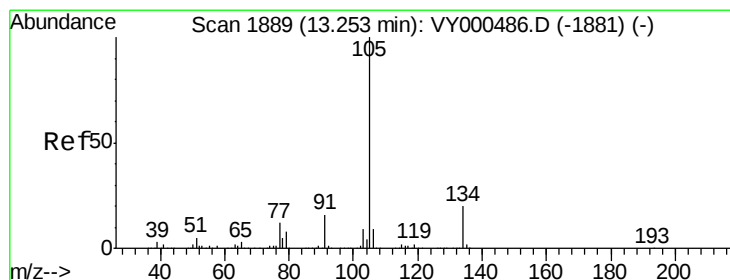
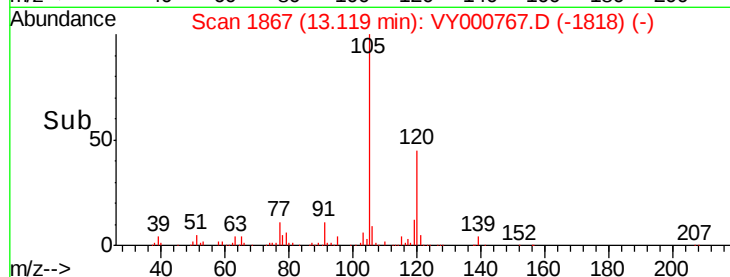
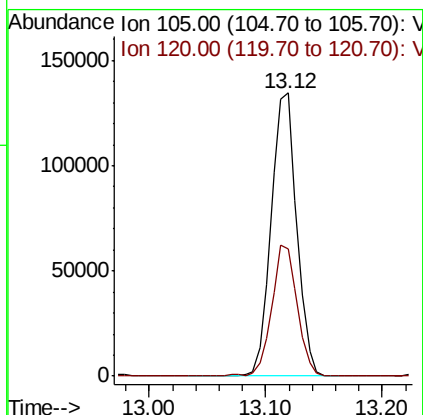
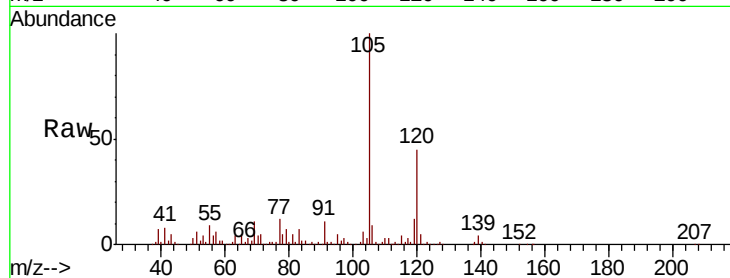




#84
1,2,4-Trimethylbenzene
Concen: 191.921 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

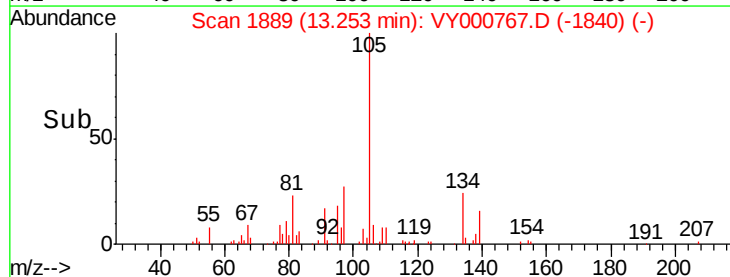
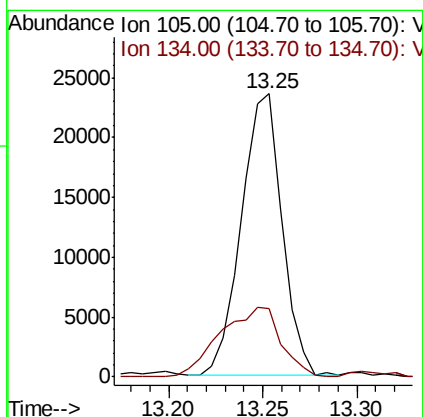
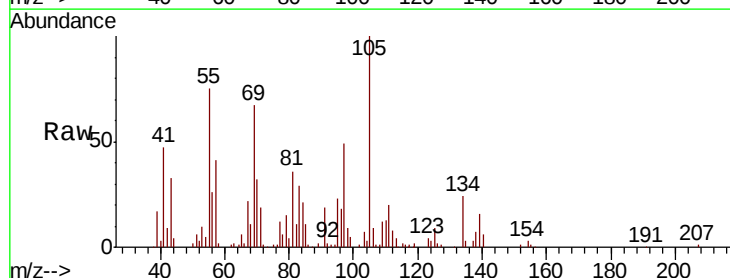
Instrument :
MSVOA_Y
ClientSampleId :
MW-2-(12-14)RE

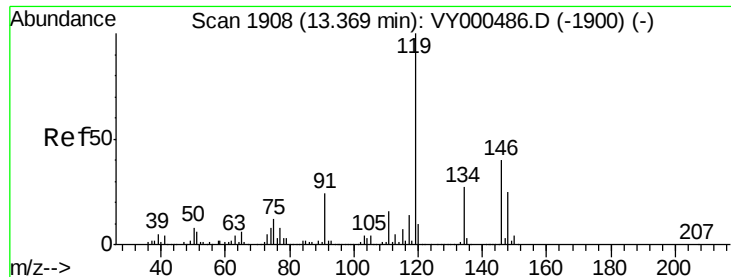
Tot Ion:105 Resp: 204804
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.9



#85
sec-Butylbenzene
Concen: 27.038 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion:105 Resp: 35252
Ion Ratio Lower Upper
105 100
134 36.9 10.1 30.1#

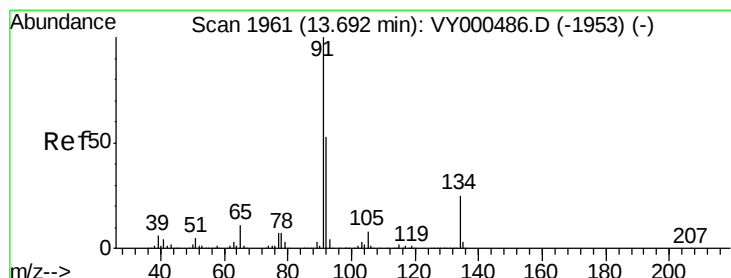
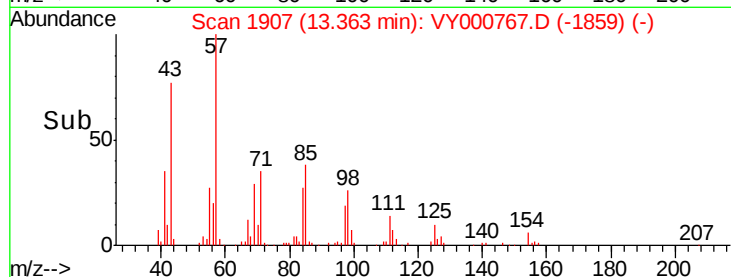
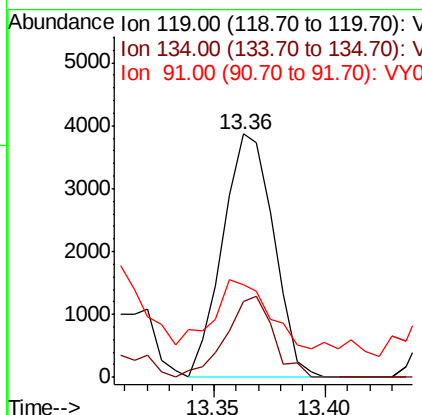
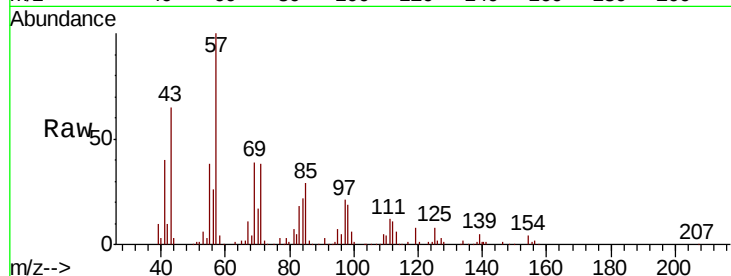




#86
p-Isopropyltoluene
Concen: 5.298 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.01 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

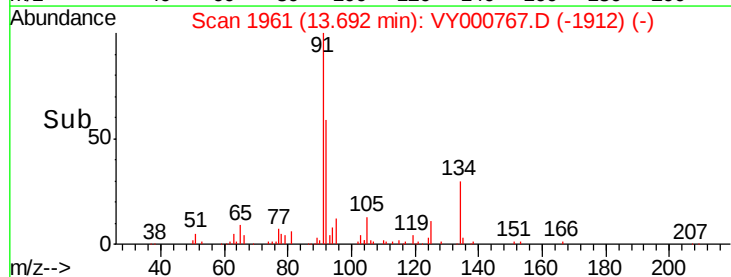
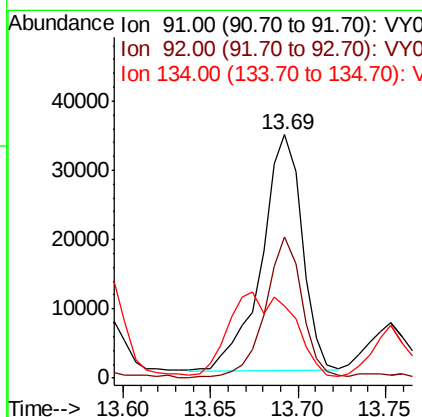
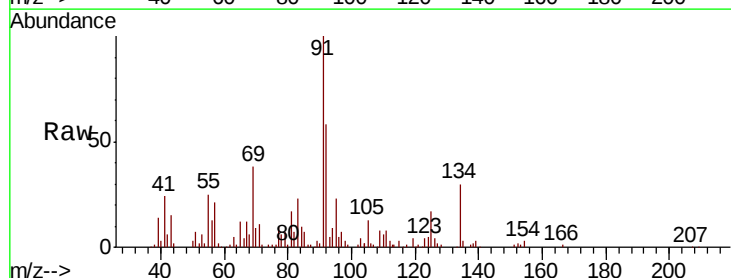
Instrument :
MSVOA_Y
ClientSampled :
MW-2-(12-14)RE

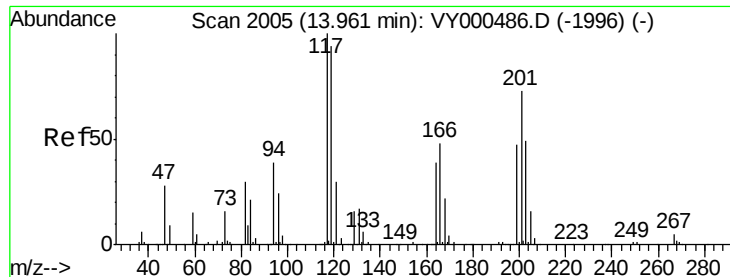
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.8	13.6	40.8
91	29.3	12.0	36.1



#89
n-Butylbenzene
Concen: 48.345 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000767.D
Acq: 21 Nov 2019 14:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.8	80.3
134	58.0	12.9	38.7





#90

Hexachloroethane

Concen: 106.615 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.01 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

Instrument :

MSVOA_Y

ClientSampleId :

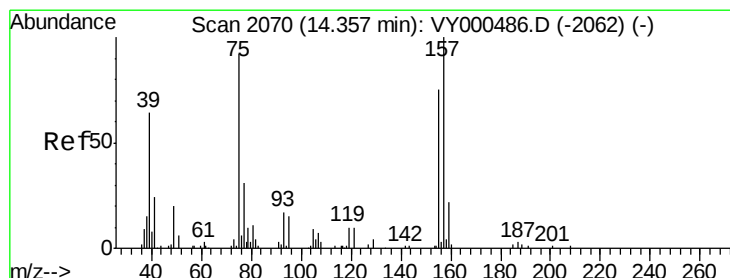
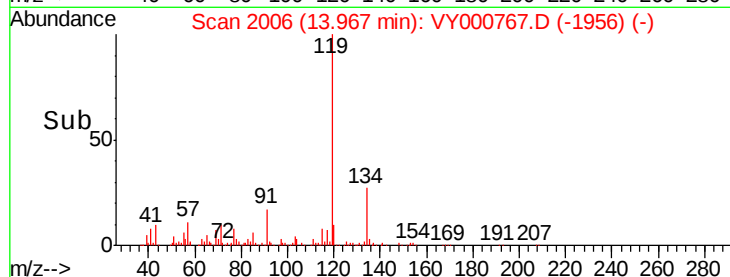
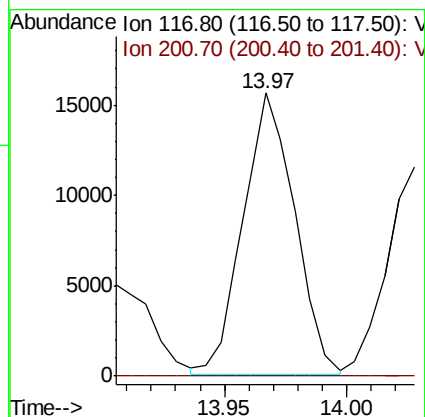
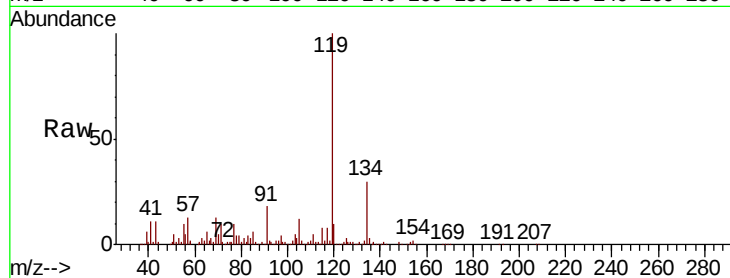
MW-2-(12-14)RE

Tot Ion:117 Resp: 22903

Ion Ratio Lower Upper

117 100

201 0.0 35.8 107.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 12.884 ug/l

RT: 14.38 min Scan# 2073

Delta R.T. 0.02 min

Lab File: VY000767.D

Acq: 21 Nov 2019 14:58

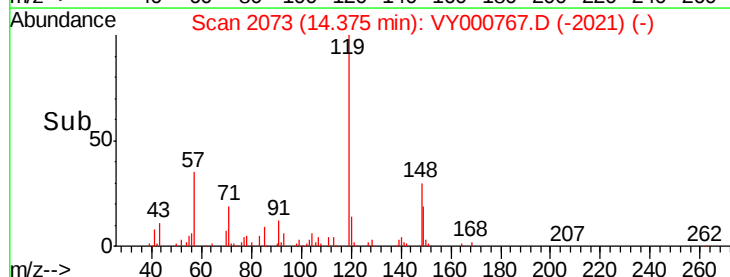
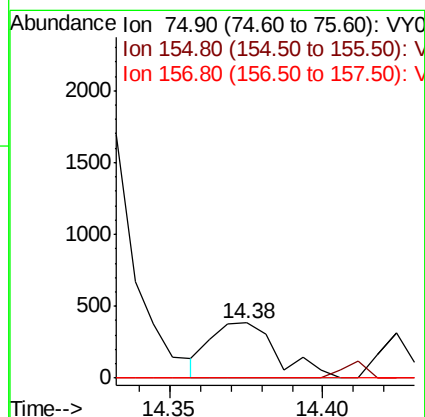
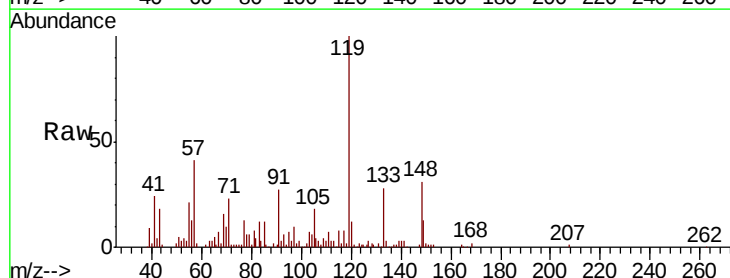
Tgt Ion: 75 Resp: 581

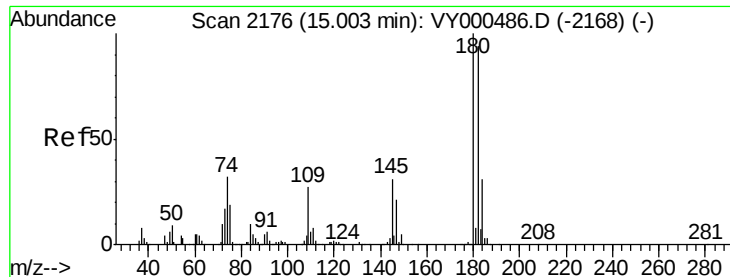
Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

157 0.0 55.1 165.3#

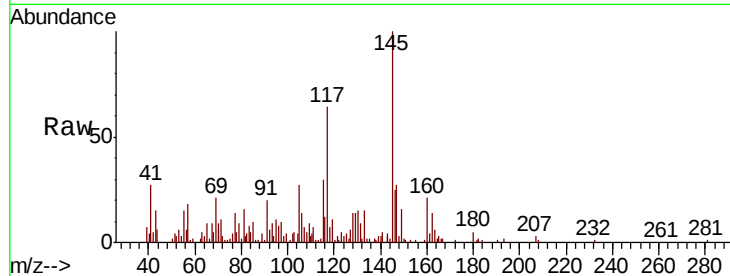




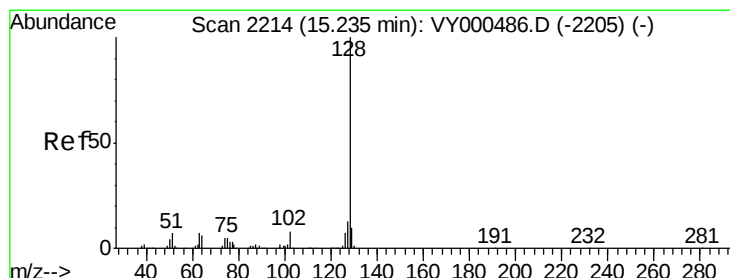
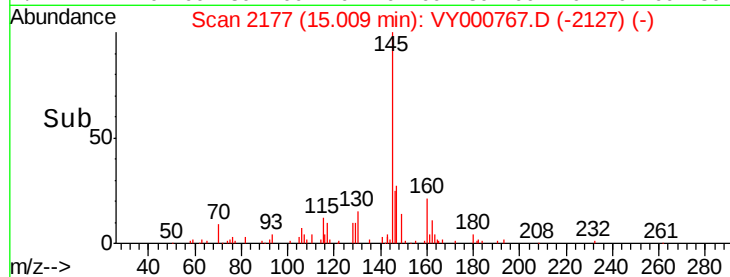
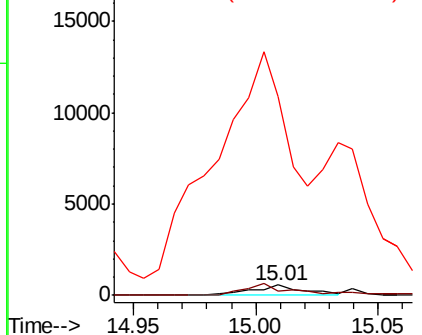
#93
 1,2,4-Trichlorobenzene
 Concen: 2.305 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-2-(12-14)RE

Tot Ion:180 Resp: 814
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.8 143.4
 145 3725.8 16.0 47.9#

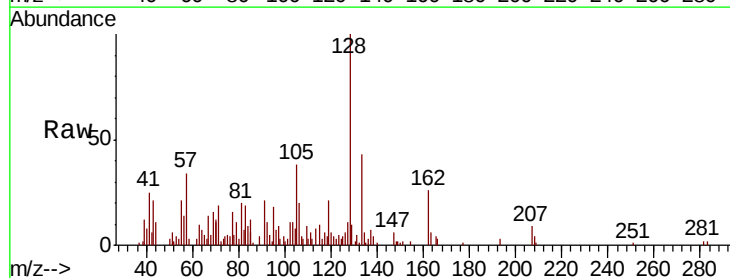


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

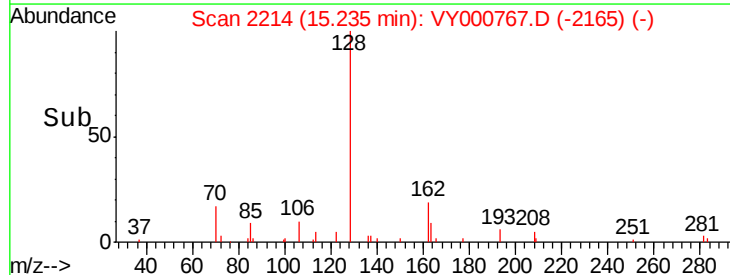
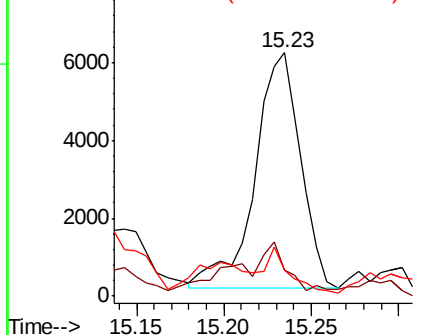


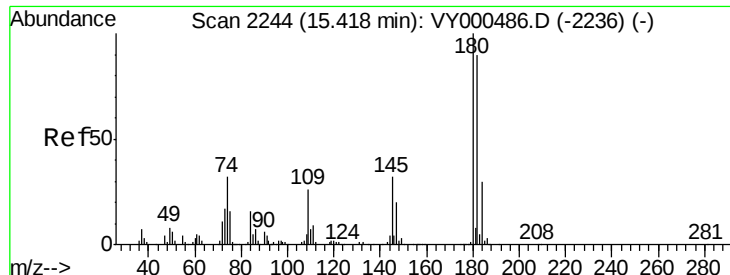
#95
 Naphthalene
 Concen: 14.109 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Tgt Ion:128 Resp: 11060
 Ion Ratio Lower Upper
 128 100
 127 20.9 9.8 14.6#
 129 10.1 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

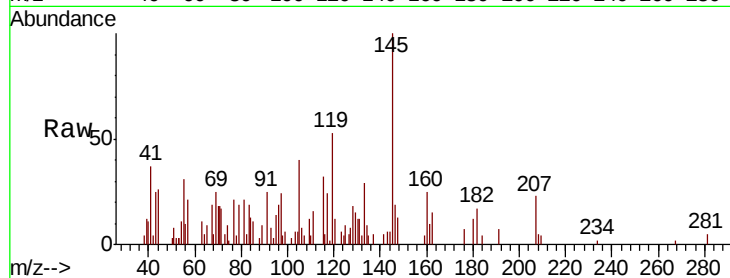




#96
 1,2,3-Trichlorobenzene
 Concen: 2.557 ug/l
 RT: 15.42 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VY000767.D
 Acq: 21 Nov 2019 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-2-(12-14)RE

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.8	47.4	142.3
145	571.7	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

