

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122218\
 Data File : VW007754.D
 Acq On : 20 Dec 2018 18:24
 Operator : SY/AP
 Sample : J6392-14
 Misc : 5.87G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB105-121218-(16-18)

Quant Time: Dec 21 03:54:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	146883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	129336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64096	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	79420	80.69	ug/l	0.00
Spiked Amount			Recovery	=	161.38%	
35) Dibromofluoromethane	7.88	113	71964	80.31	ug/l	0.00
Spiked Amount			Recovery	=	160.62%	
50) Toluene-d8	10.32	98	259022	76.68	ug/l	0.00
Spiked Amount			Recovery	=	153.36%	
62) 4-Bromofluorobenzene	12.62	95	104681	80.22	ug/l	0.00
Spiked Amount			Recovery	=	160.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	827	12.455	ug/l #	73
15) Acrylonitrile	5.43	53	195	1.149	ug/l #	36
16) Acetone	4.13	43	5845	31.711	ug/l	94
19) Methyl tert-butyl Ether	5.42	73	8020	6.305	ug/l #	4
20) Methylene Chloride	4.91	84	3386	Below Cal		96
25) 2-Butanone	7.18	43	2990	13.850	ug/l #	86
30) Chloroform	7.68	83	2645	1.460	ug/l	86
31) Cyclohexane	7.95	56	4732	3.230	ug/l #	60
36) 1,1-Dichloropropene	7.95	75	6629	4.676	ug/l #	49
37) Ethyl Acetate	7.18	43	2990	6.111	ug/l #	68
38) Carbon Tetrachloride	7.95	117	9274	5.555	ug/l #	15
39) Methylcyclohexane	9.34	83	16998	9.649	ug/l	94
40) Benzene	8.32	78	12587	3.327	ug/l	99
41) Methacrylonitrile	7.54	41	357	1.285	ug/l #	47
43) Isopropyl Acetate	8.41	43	2796	2.852	ug/l #	49
47) Bromodichloromethane	9.63	83	2057	1.514	ug/l #	25
48) Methyl methacrylate	9.47	41	1009	2.062	ug/l #	24
51) 4-Methyl-2-Pentanone	10.25	43	3951	8.529	ug/l #	82
52) Toluene	10.39	92	63571	25.046	ug/l	100
55) 1,1,2-Trichloroethane	10.76	97	5623	7.894	ug/l #	28
59) 2-Hexanone	11.12	43	827	2.538	ug/l	67
67) Ethyl Benzene	11.73	91	93296	19.422	ug/l	96
68) m/p-Xylenes	11.84	106	141019	75.677	ug/l	98
69) o-Xylene	12.17	106	60574	34.678	ug/l	100
70) Styrene	12.17	104	3672	1.279	ug/l #	1
73) Isopropylbenzene	12.47	105	113792	23.487	ug/l	100
74) N-amyl acetate	12.26	43	2742	3.267	ug/l #	52
76) 1,2,3-Trichloropropane	12.87	75	2268	4.578	ug/l #	100
77) Bromobenzene	12.93	156	117164	105.521	ug/l #	1
78) n-propylbenzene	12.80	91	127981	22.692	ug/l	99
79) 2-Chlorotoluene	12.87	91	17812	5.421	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	70057	16.764	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.47	75	3492	14.796	ug/l #	52
82) 4-Chlorotoluene	12.94	91	7593	2.171	ug/l #	47

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Quant Title : SW846 8260
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Response via : Initial Calibration

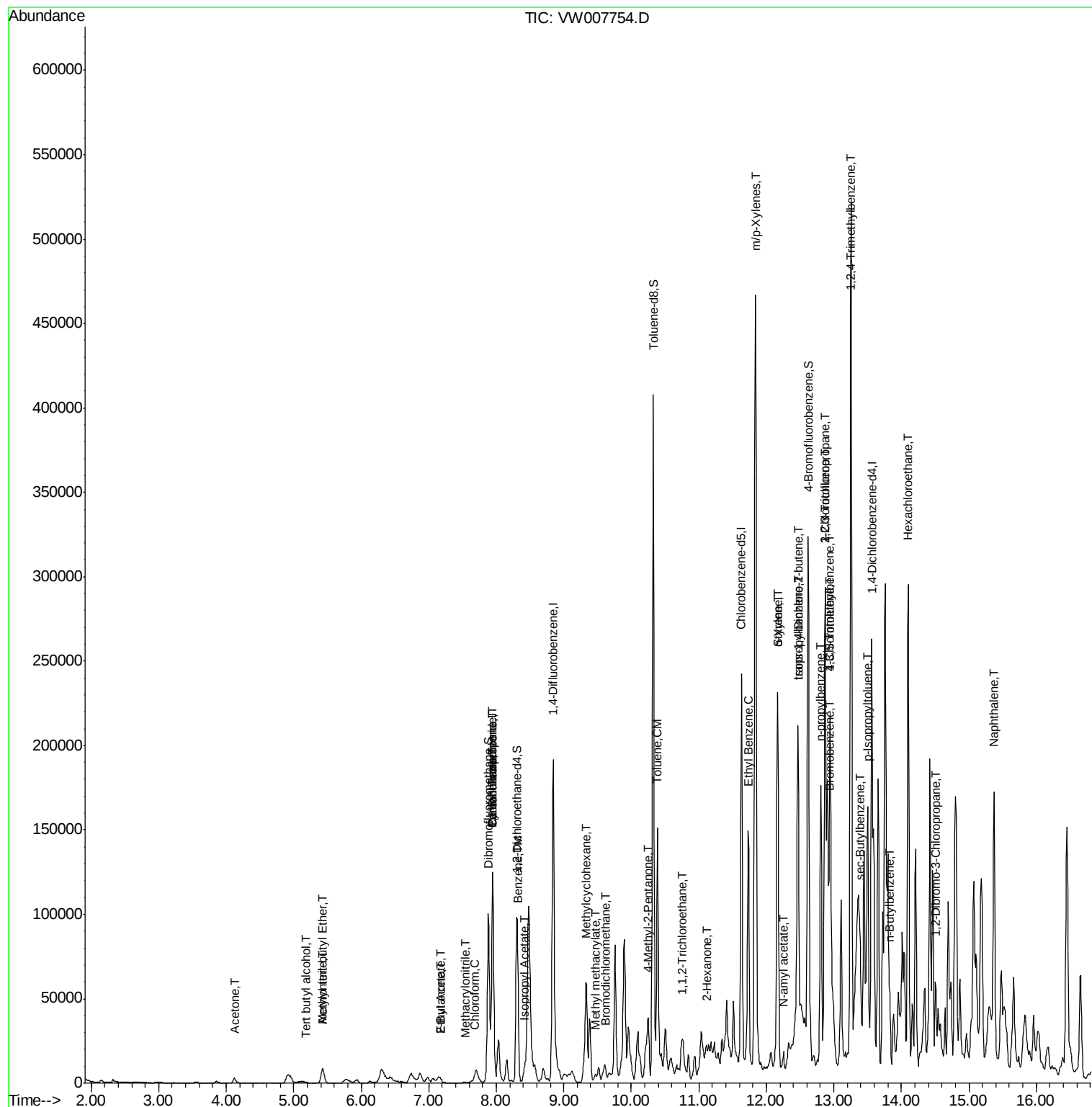
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.26	105	280556	66.530	ug/l	99
85) sec-Butylbenzene	13.39	105	17349	3.433	ug/l #	55
86) p-Isopropyltoluene	13.51	119	62357	13.570	ug/l	98
89) n-Butylbenzene	13.83	91	23427	5.560	ug/l #	81
90) Hexachloroethane	14.10	117	13887	17.213	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.51	75	275	1.843	ug/l #	3
95) Naphthalene	15.38	128	126346	49.877	ug/l	100

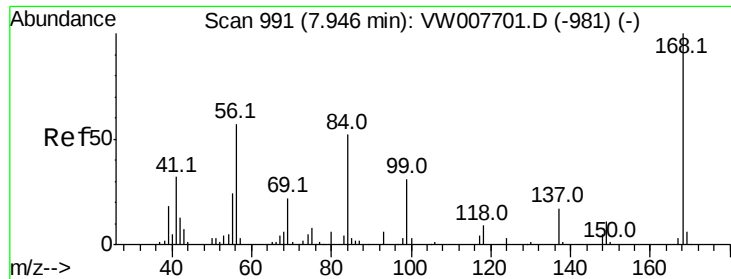
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122218\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

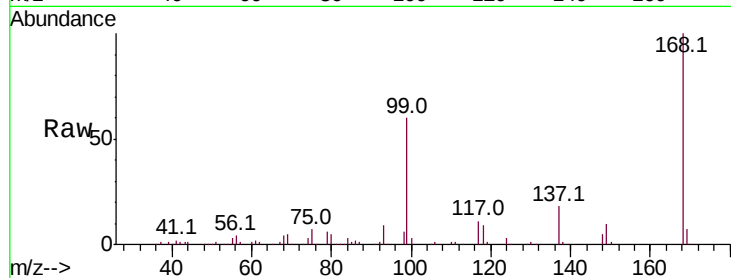
KY001SB105-121218-(16-18)

Tot Ion:168 Resp: 89804

Ion Ratio Lower Upper

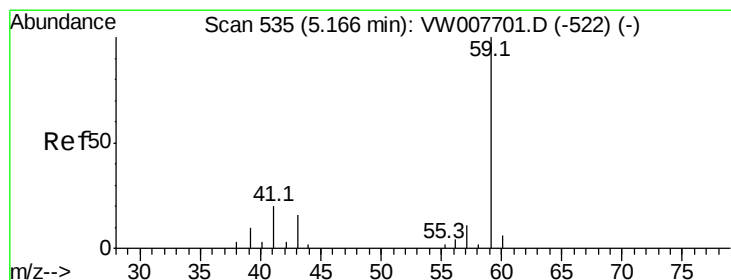
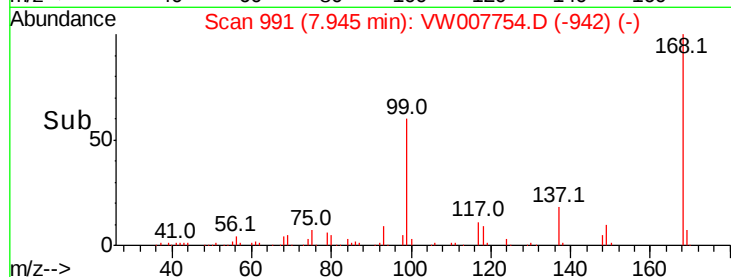
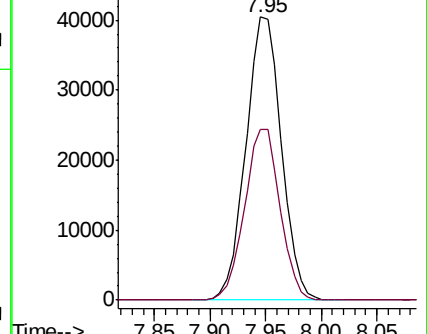
168 100

99 60.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 12.455 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW007754.D

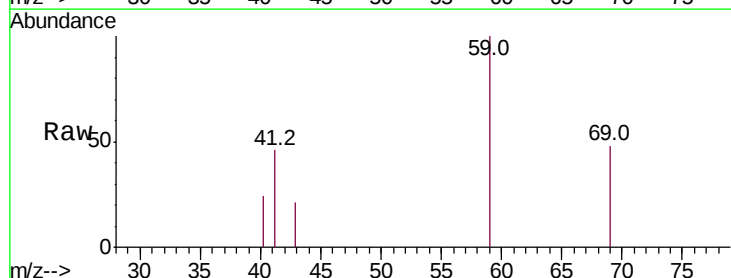
Acq: 20 Dec 2018 18:24

Tgt Ion: 59 Resp: 827

Ion Ratio Lower Upper

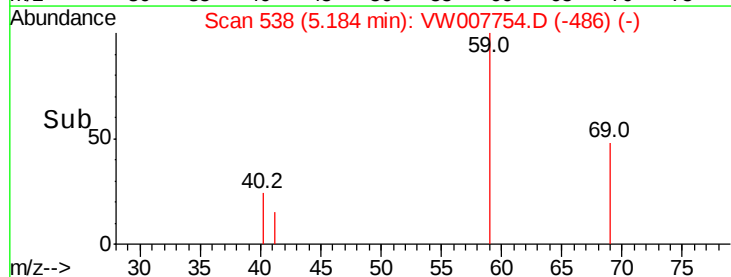
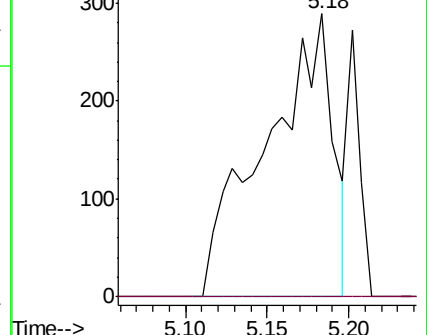
59 100

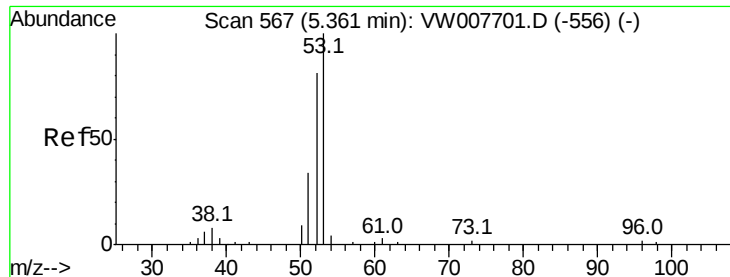
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#15

Acrylonitrile

Concen: 1.149 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.07 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(16-18)

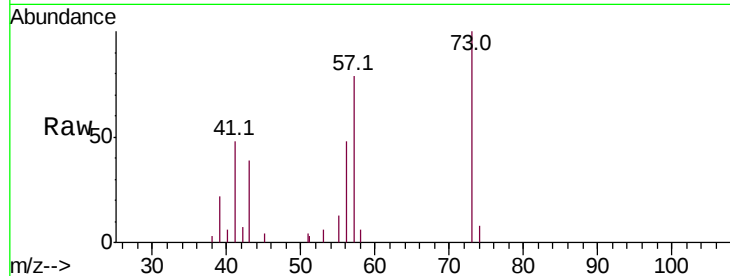
Tot Ion: 53 Resp: 195

Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.4#

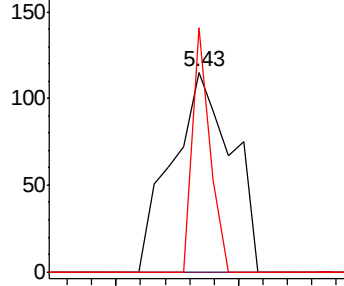
51 36.4 30.2 45.2



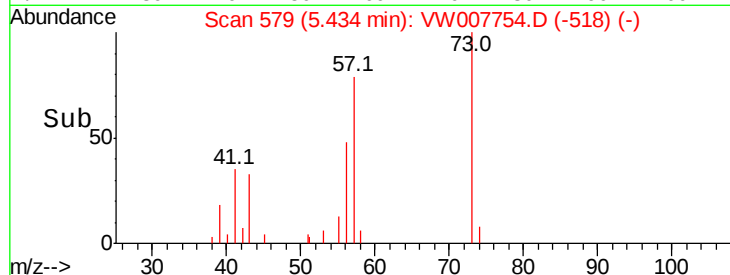
Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



Time-->



#16

Acetone

Concen: 31.711 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007754.D

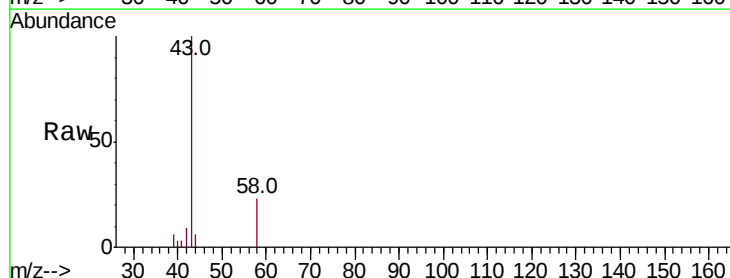
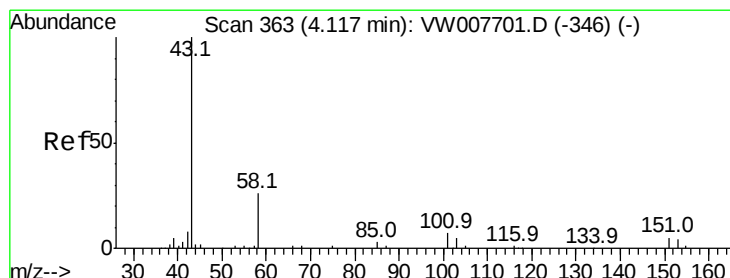
Acq: 20 Dec 2018 18:24

Tgt Ion: 43 Resp: 5845

Ion Ratio Lower Upper

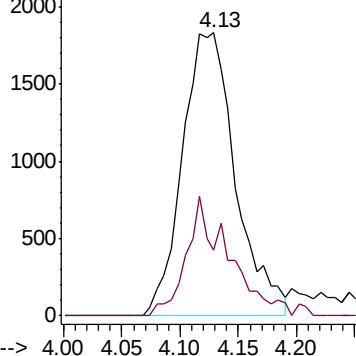
43 100

58 23.4 21.2 31.8

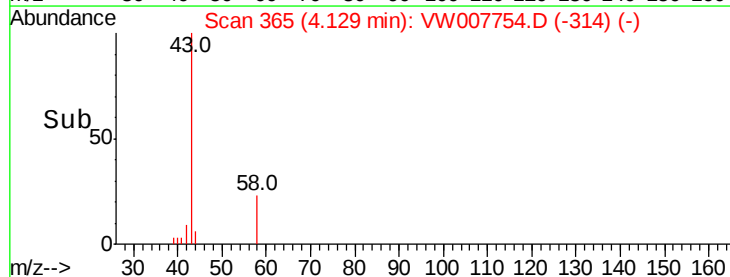


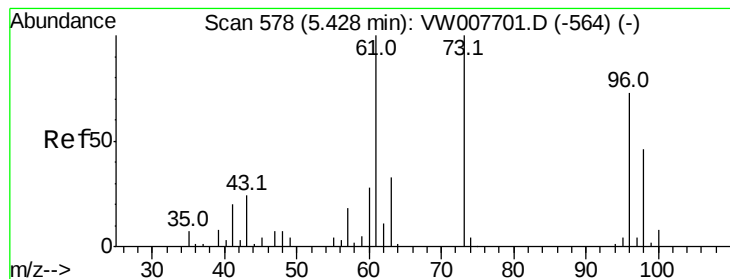
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



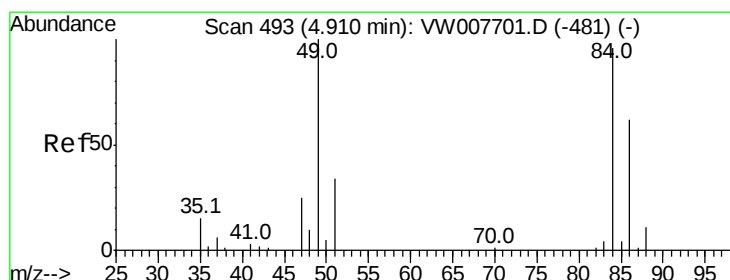
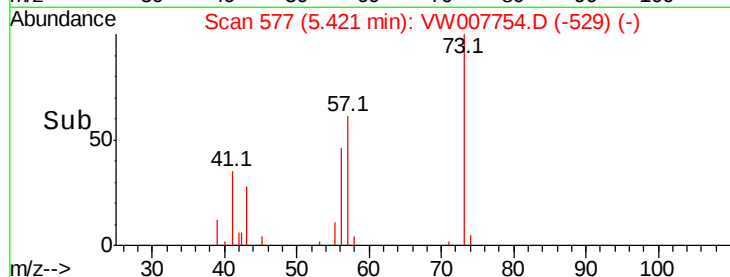
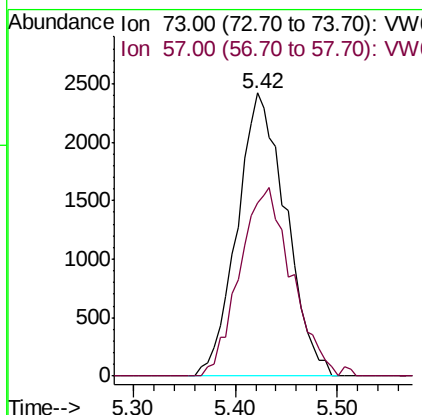
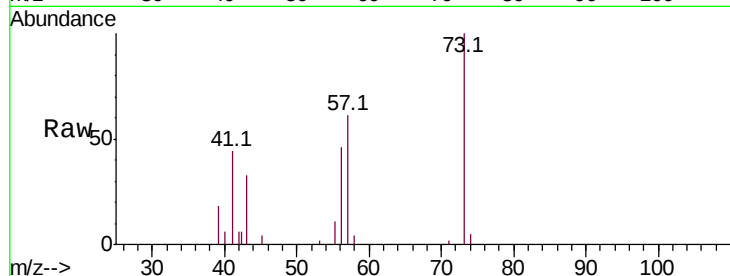


#19

Methyl tert-butyl Ether
 Concen: 6.305 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW007754.D
 Acq: 20 Dec 2018 18:24

Instrument :
 MSVOA_W
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 KY001SB105-121218-(16-18)

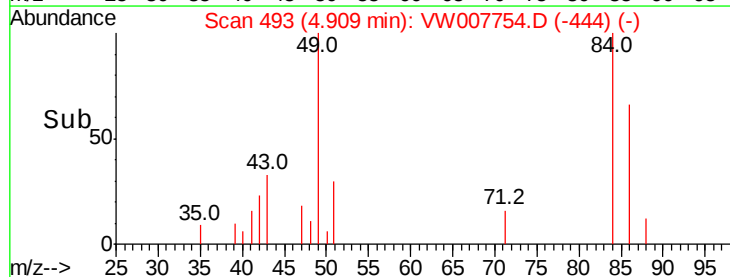
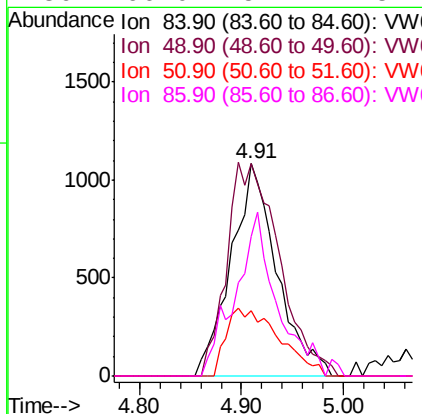
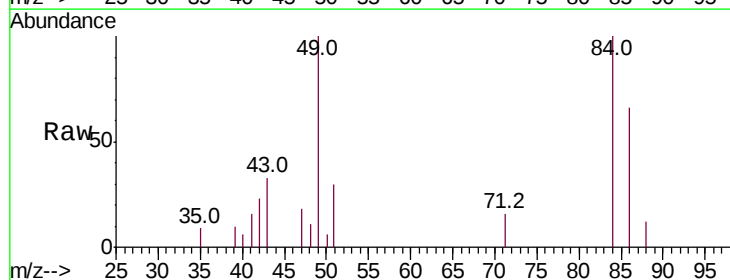
Tot Ion: 73 Resp: 8020
 Ion Ratio Lower Upper
 73 100
 57 61.3 14.7 22.1#

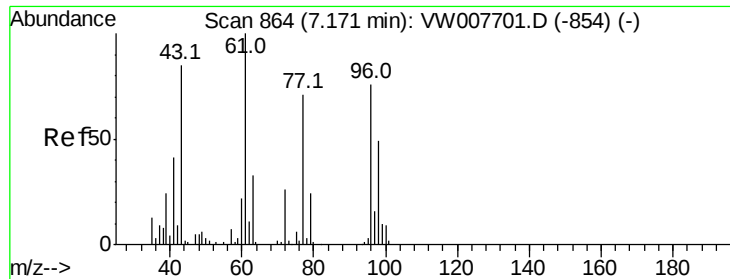


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007754.D
 Acq: 20 Dec 2018 18:24

Tgt Ion: 84 Resp: 3386
 Ion Ratio Lower Upper
 84 100
 49 100.2 83.7 125.5
 51 30.5 28.2 42.2
 86 66.0 52.2 78.2





#25

2-Butanone

Concen: 13.850 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

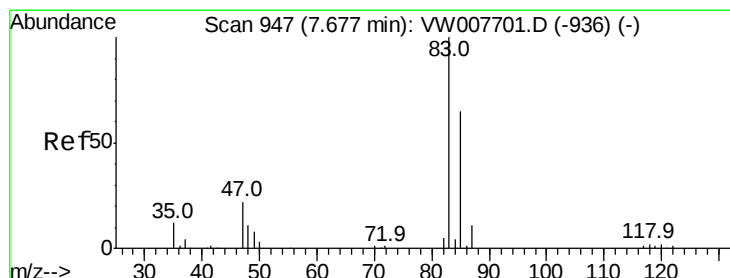
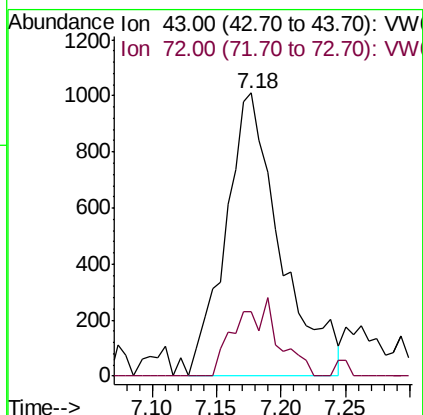
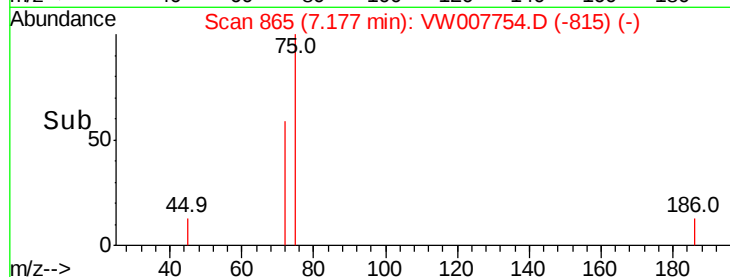
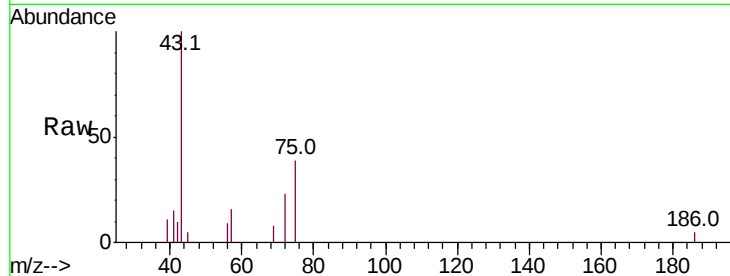
KY001SB105-121218-(16-18)

Tot Ion: 43 Resp: 2990

Ion Ratio Lower Upper

43 100

72 23.0 24.5 36.7#



#30

Chloroform

Concen: 1.460 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW007754.D

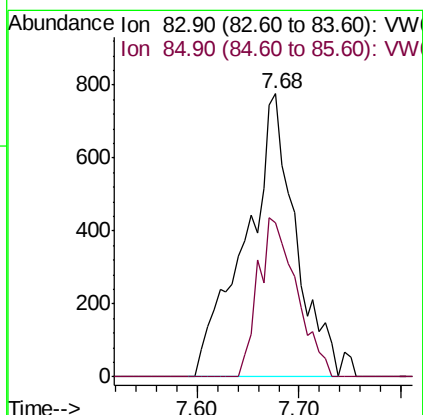
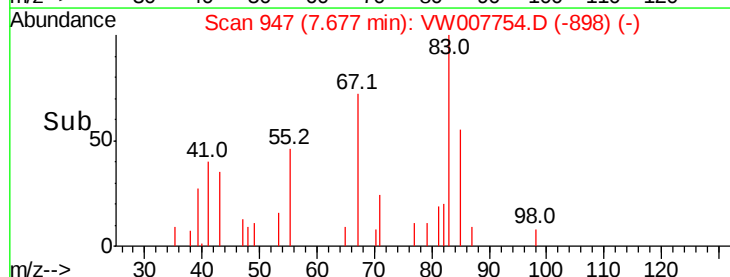
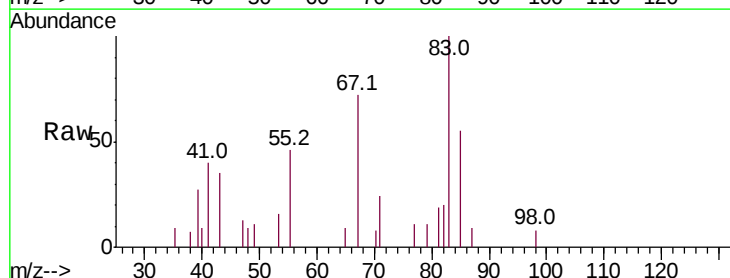
Acq: 20 Dec 2018 18:24

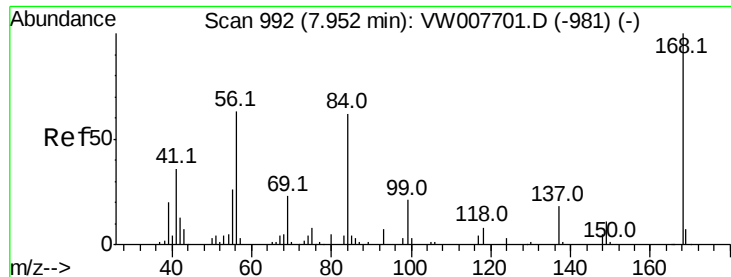
Tgt Ion: 83 Resp: 2645

Ion Ratio Lower Upper

83 100

85 54.5 52.2 78.2

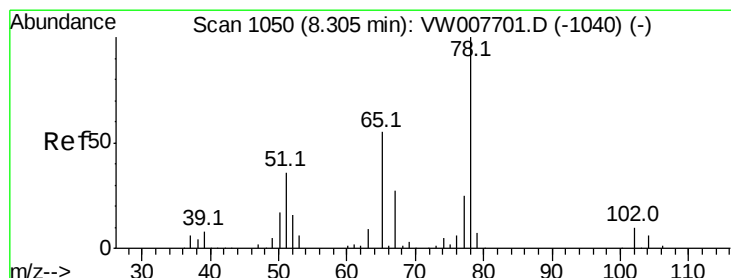
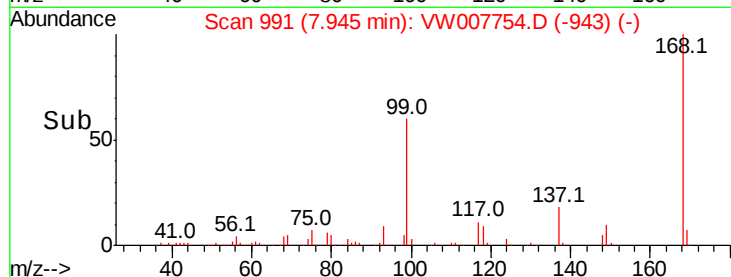
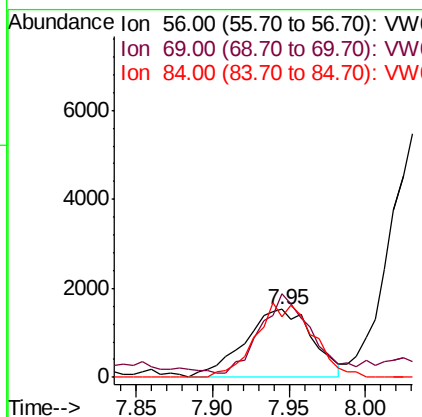
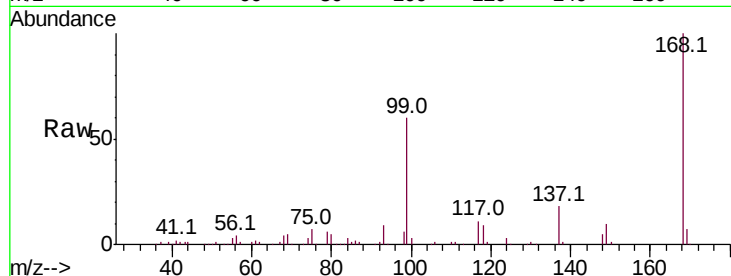




#31
Cyclohexane
Concen: 3.230 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

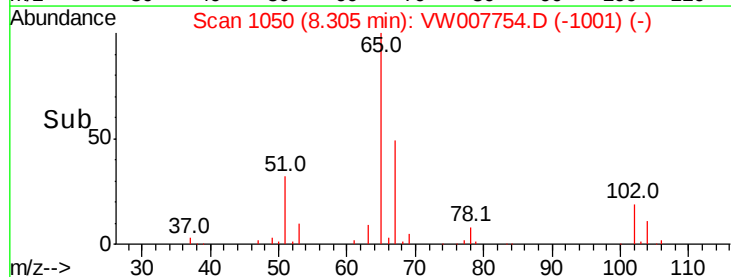
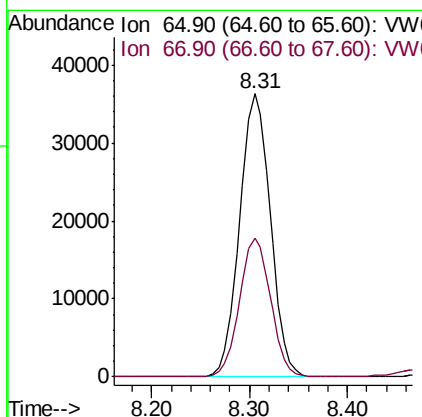
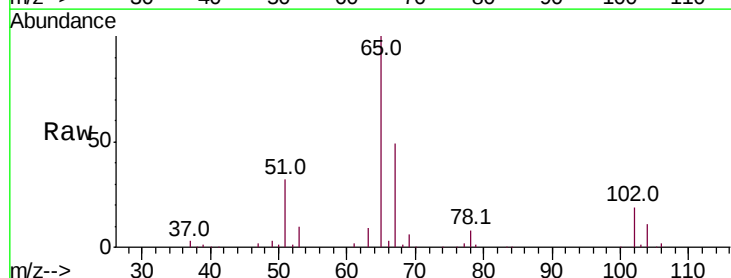
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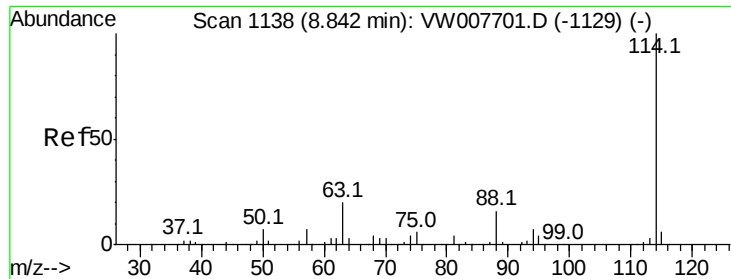
Tot Ion: 56 Resp: 4732
Ion Ratio Lower Upper
56 100
69 111.6 29.7 44.5#
84 89.9 78.9 118.3



#33
1,2-Dichloroethane-d4
Concen: 80.687 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

Tgt Ion: 65 Resp: 79420
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(16-18)

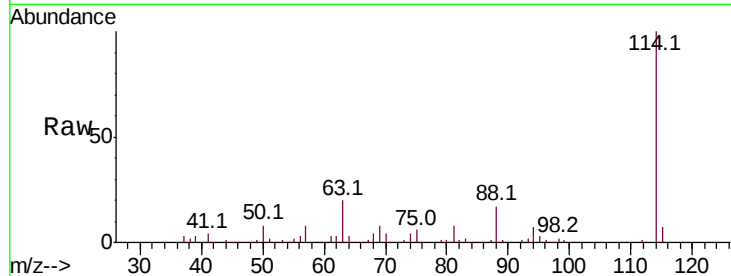
Tot Ion:114 Resp: 146883

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

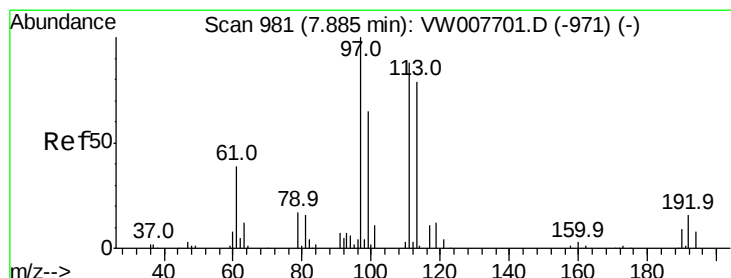
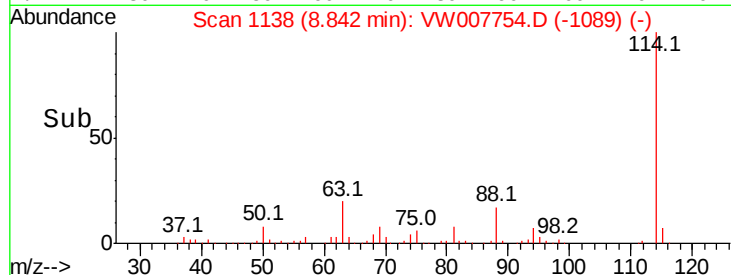
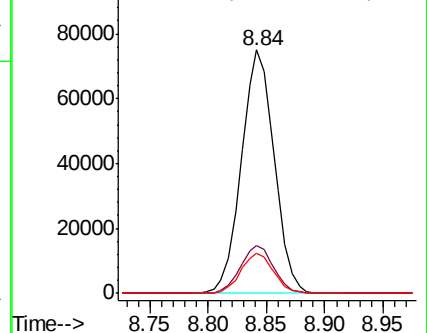
88 16.7 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 80.312 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

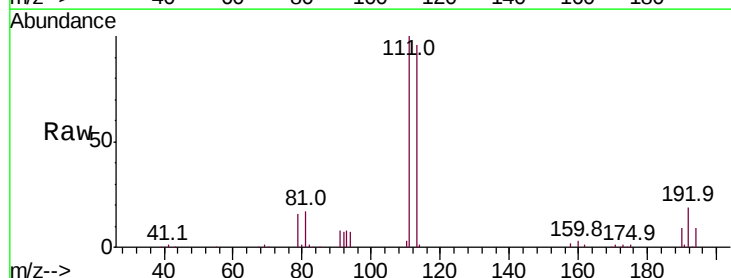
Tgt Ion:113 Resp: 71964

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

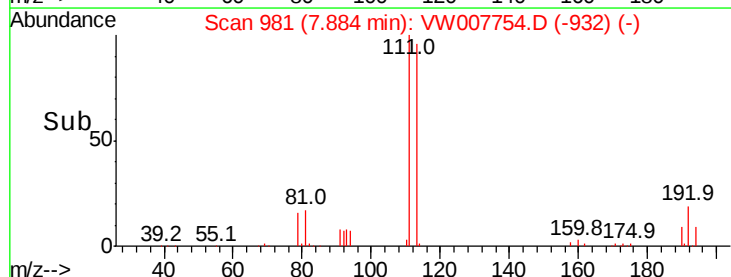
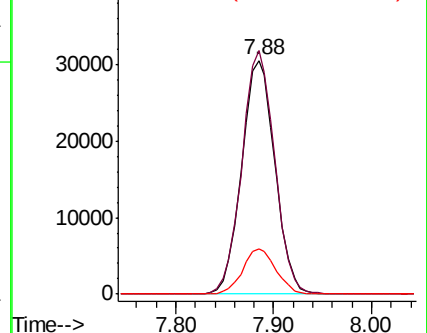
192 19.1 15.5 23.3

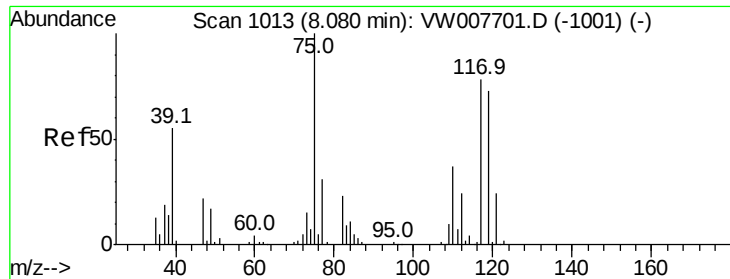


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

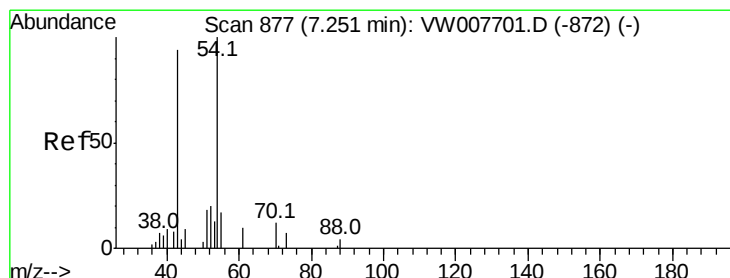
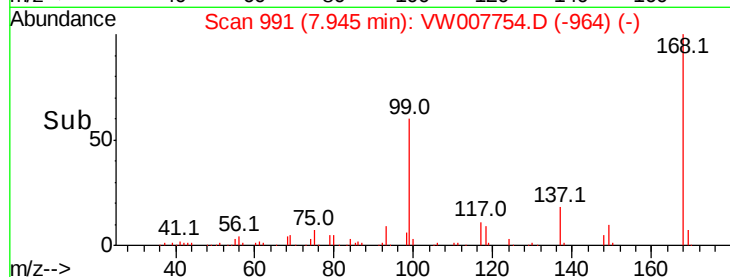
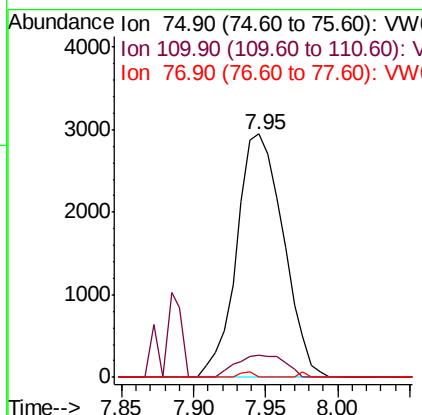
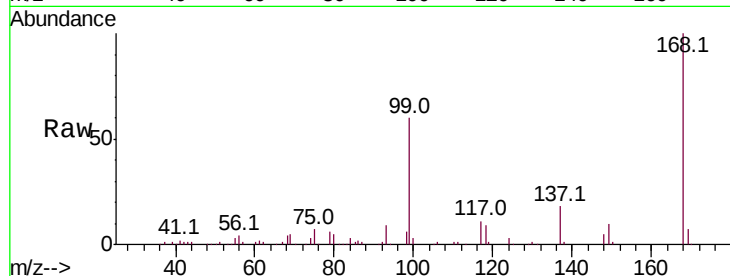




#36
 1,1-Dichloropropene
 Concen: 4.676 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007754.D
 Acq: 20 Dec 2018 18:24

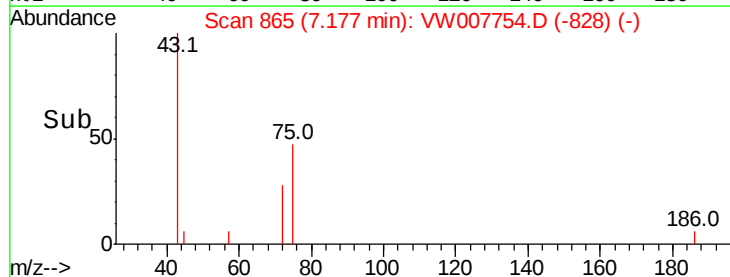
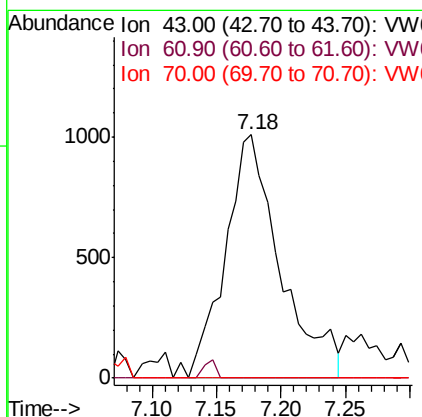
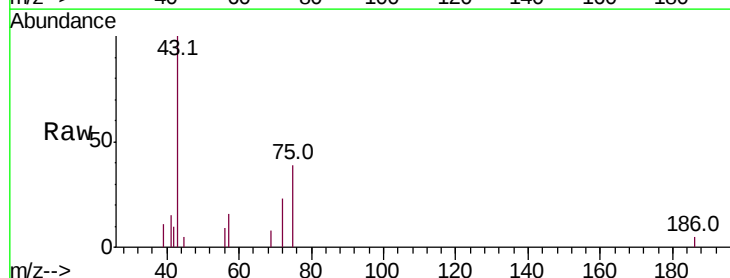
Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB105-121218-(16-18)

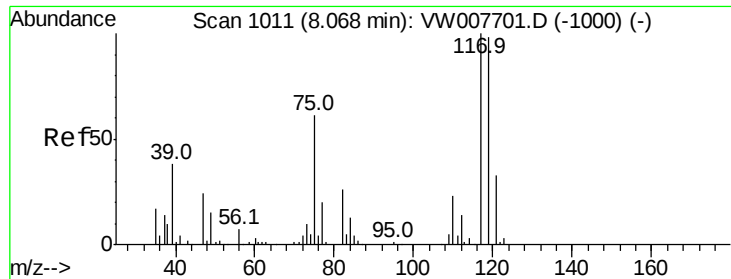
Tot Ion: 75 Resp: 6629
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.6 55.8#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 6.111 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW007754.D
 Acq: 20 Dec 2018 18:24

Tgt Ion: 43 Resp: 2990
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.2 16.8#
 70 0.0 9.3 13.9#





#38

Carbon Tetrachloride

Concen: 5.555 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(16-18)

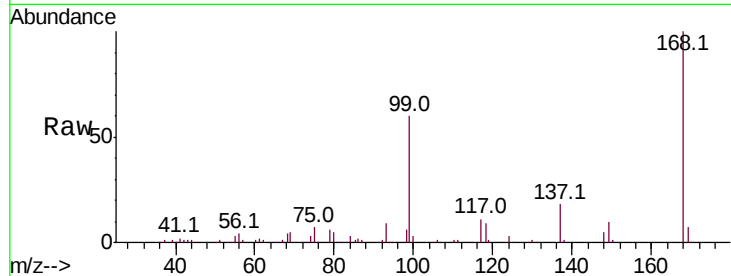
Tot Ion:117 Resp: 9274

Ion Ratio Lower Upper

117 100

119 4.7 78.2 117.2#

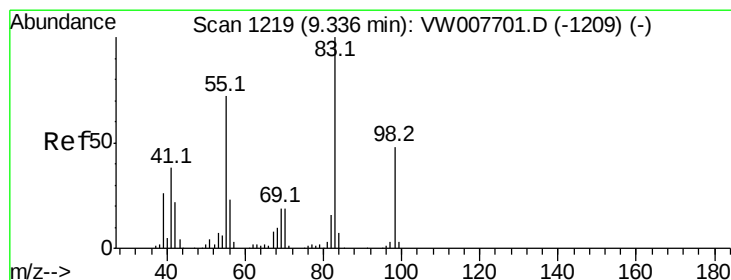
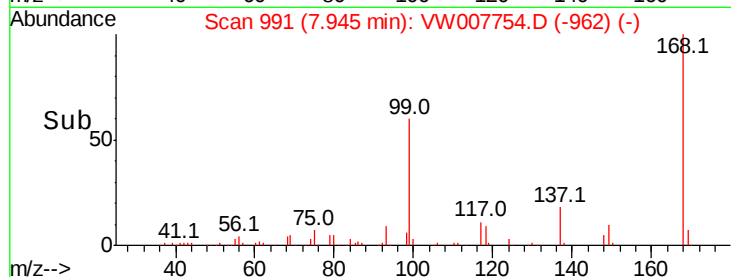
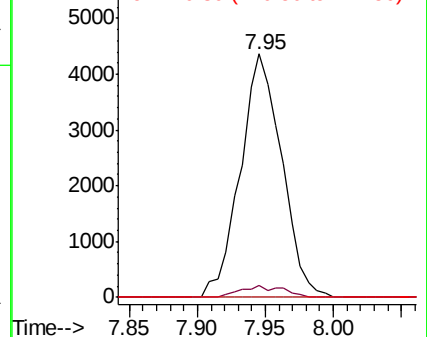
121 0.0 26.1 39.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 9.649 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

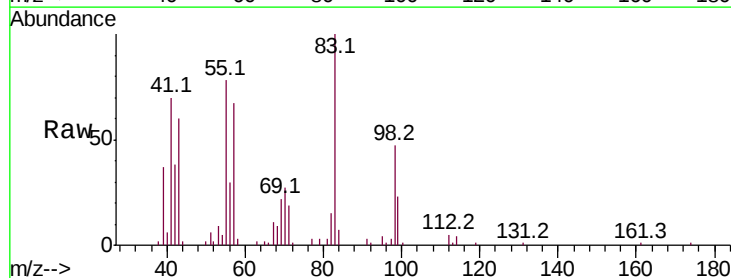
Tgt Ion: 83 Resp: 16998

Ion Ratio Lower Upper

83 100

55 78.4 57.2 85.8

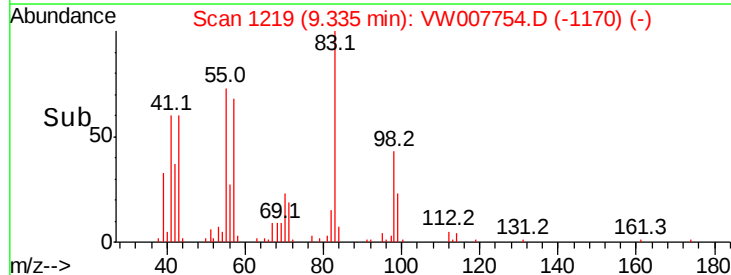
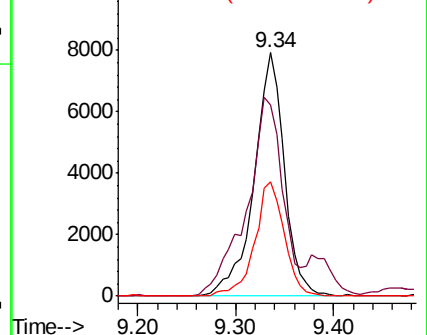
98 46.8 38.6 58.0

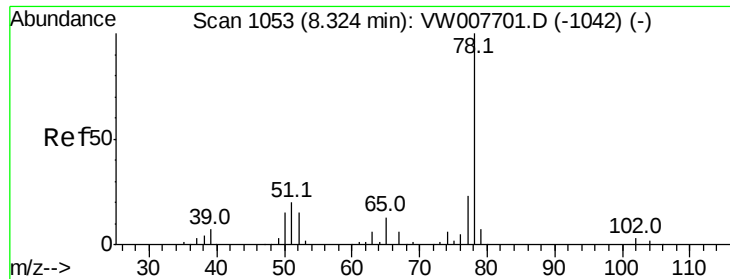


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 3.327 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

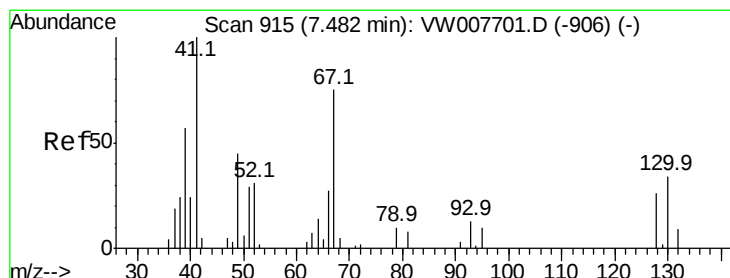
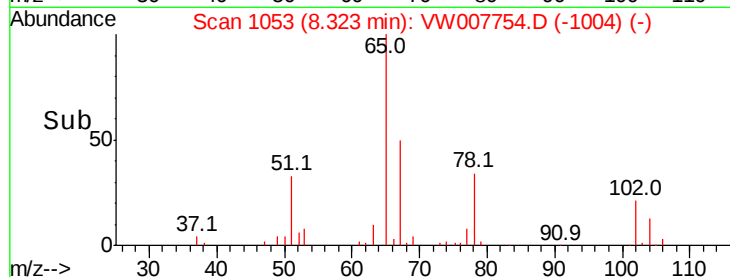
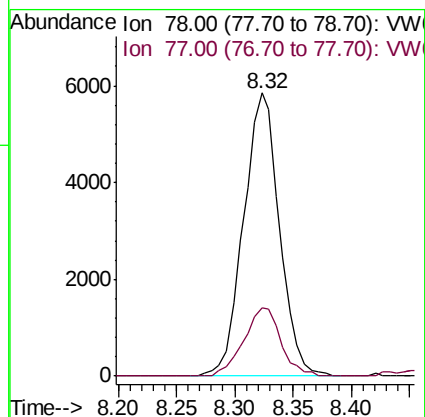
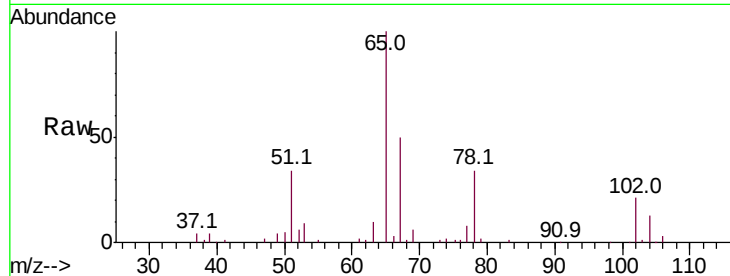
KY001SB105-121218-(16-18)

Tot Ion: 78 Resp: 12587

Ion Ratio Lower Upper

78 100

77 24.1 18.7 28.1



#41

Methacrylonitrile

Concen: 1.285 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.05 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Tgt Ion: 41 Resp: 357

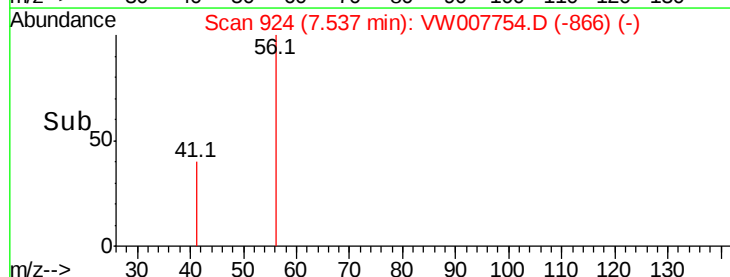
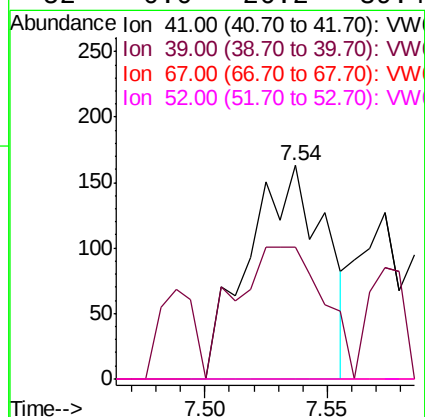
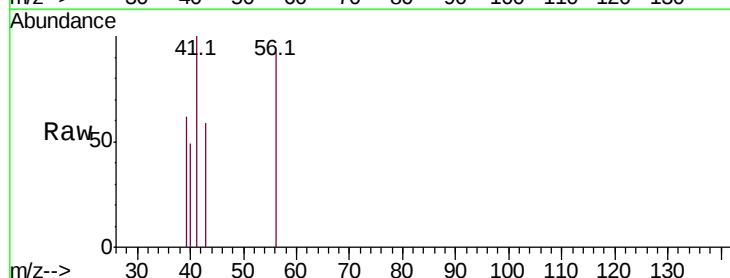
Ion Ratio Lower Upper

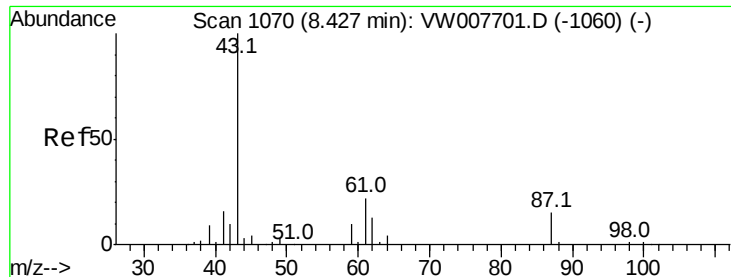
41 100

39 70.6 54.2 81.4

67 0.0 65.7 98.5#

52 0.0 26.2 39.4#





#43

Isopropyl Acetate

Concen: 2.852 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(16-18)

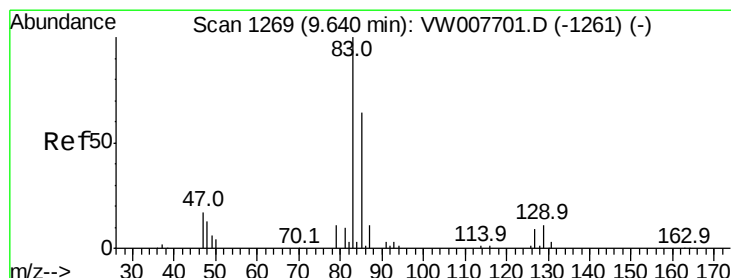
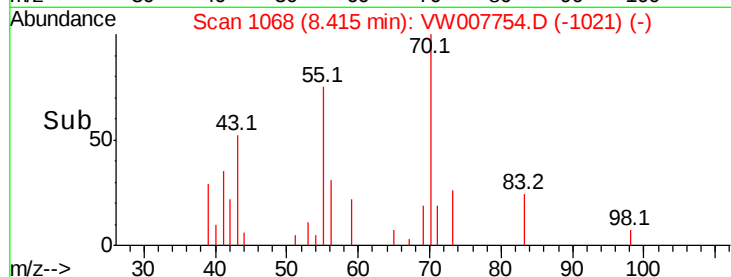
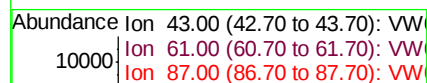
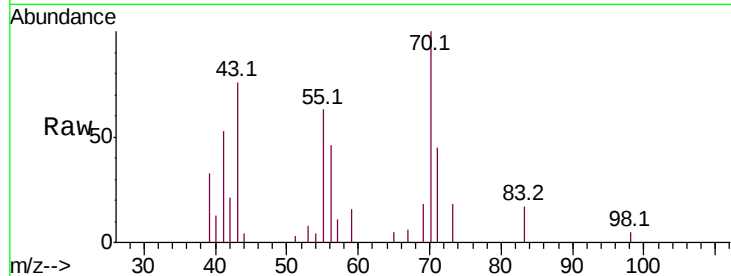
Tot Ion: 43 Resp: 2796

Ion Ratio Lower Upper

43 100

61 0.0 26.3 39.5#

87 0.0 12.0 18.0#



#47

Bromodichloromethane

Concen: 1.514 ug/l

RT: 9.63 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

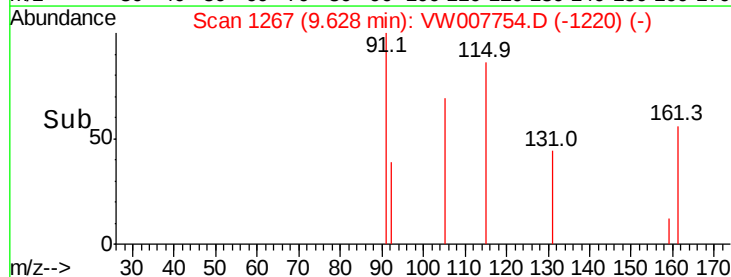
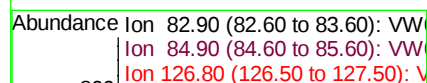
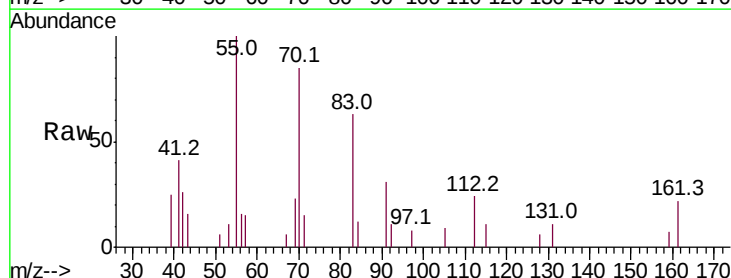
Tgt Ion: 83 Resp: 2057

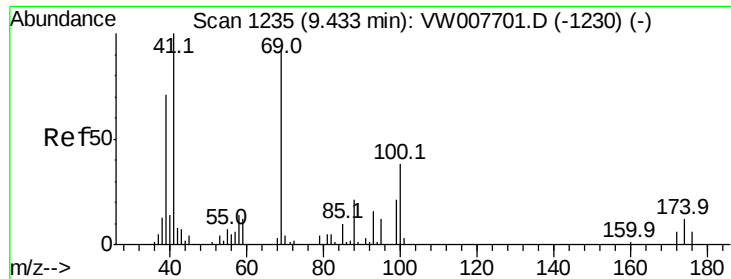
Ion Ratio Lower Upper

83 100

85 0.0 51.4 77.0#

127 0.0 7.5 11.3#





#48

Methyl methacrylate

Concen: 2.062 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.04 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(16-18)

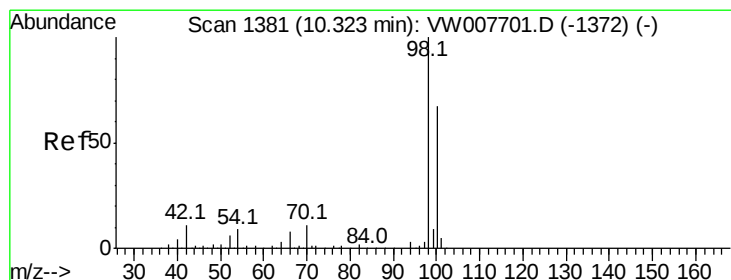
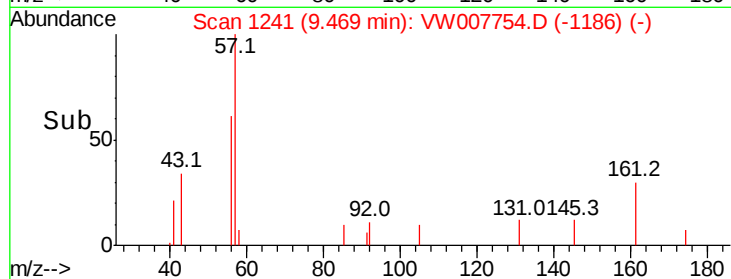
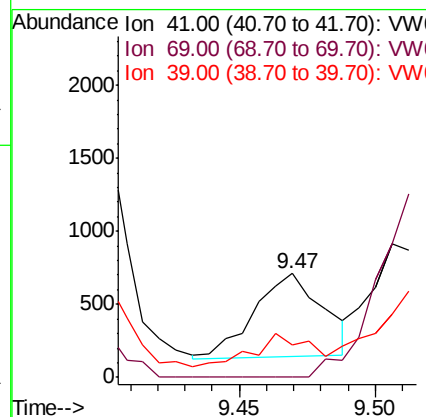
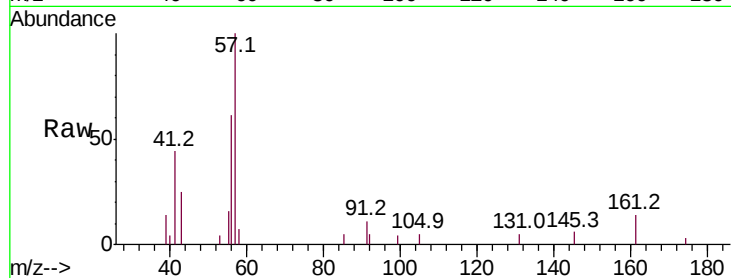
Tot Ion: 41 Resp: 1009

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

39 30.0 53.9 80.9#



#50

Toluene-d8

Concen: 76.679 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007754.D

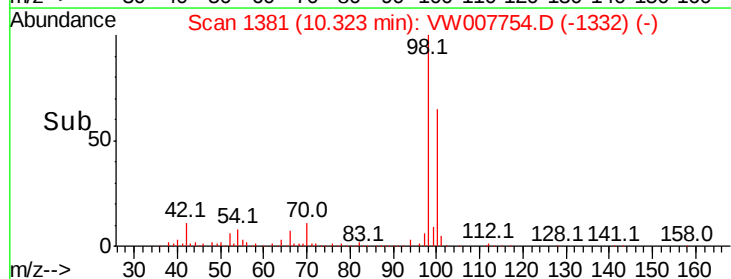
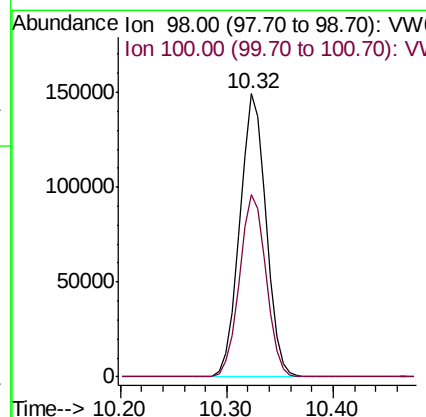
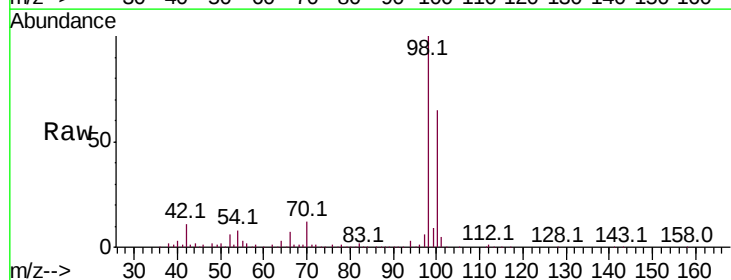
Acq: 20 Dec 2018 18:24

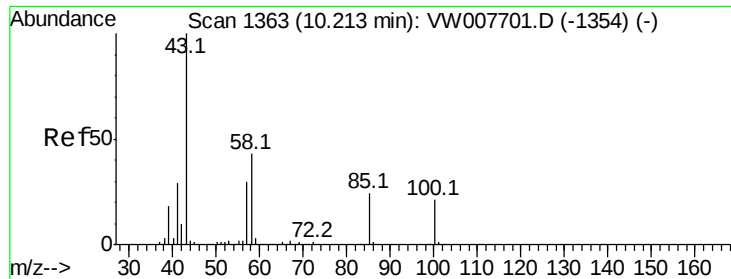
Tgt Ion: 98 Resp: 259022

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 8.529 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

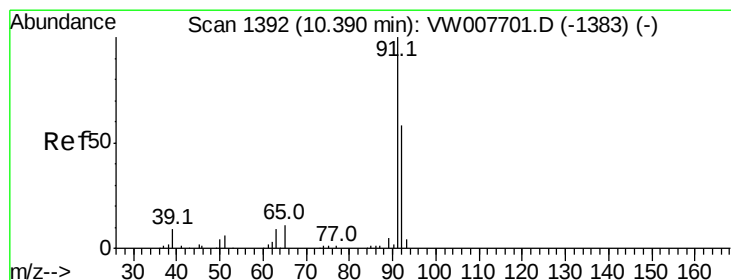
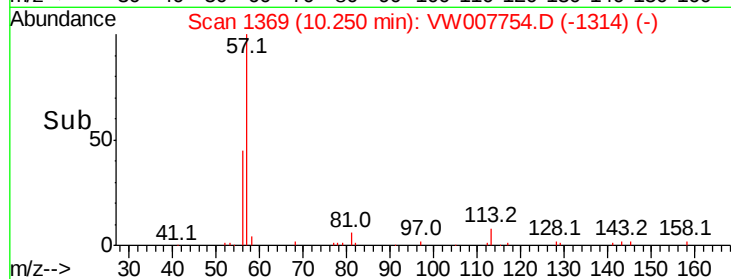
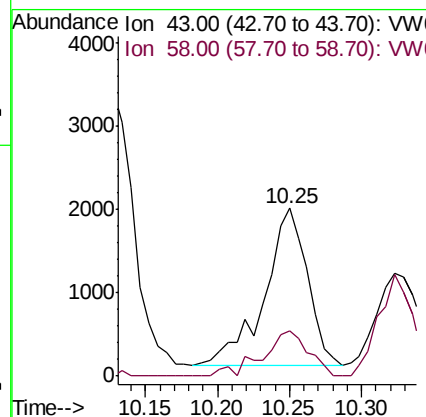
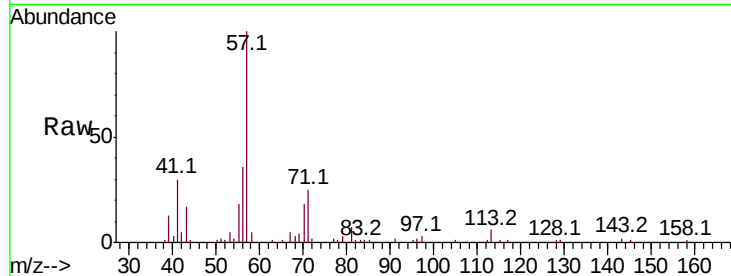
KY001SB105-121218-(16-18)

Tot Ion: 43 Resp: 3951

Ion Ratio Lower Upper

43 100

58 30.4 33.2 49.8#



#52

Toluene

Concen: 25.046 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007754.D

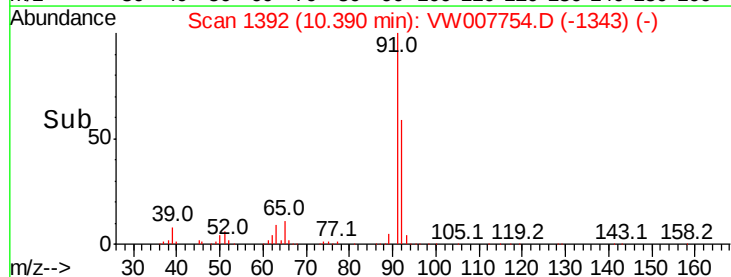
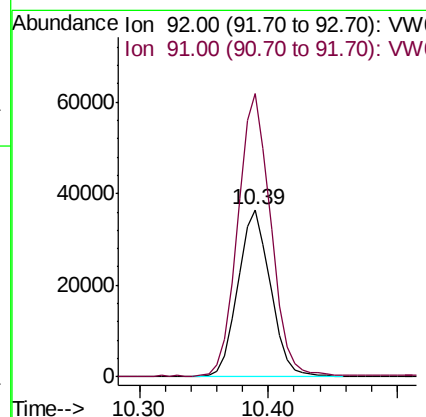
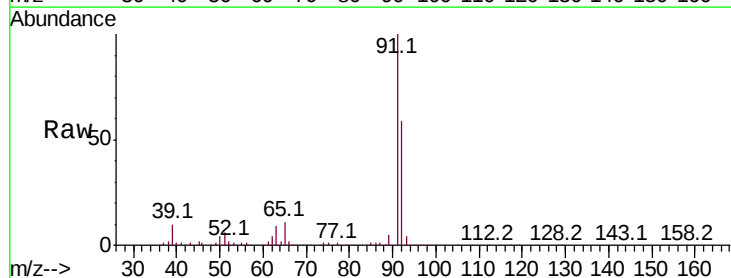
Acq: 20 Dec 2018 18:24

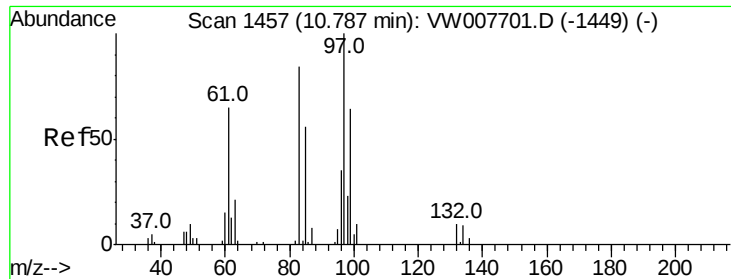
Tgt Ion: 92 Resp: 63571

Ion Ratio Lower Upper

92 100

91 170.6 137.0 205.4





#55

1,1,2-Trichloroethane

Concen: 7.894 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(16-18)

Tot Ion: 97 Resp: 5623

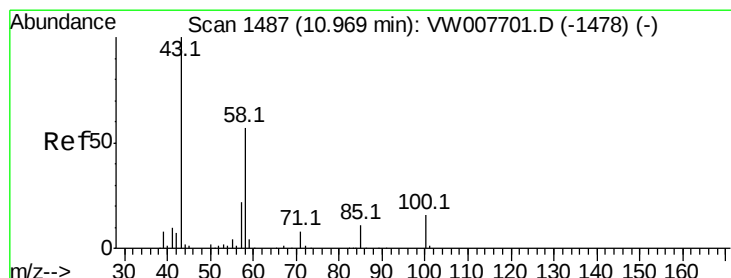
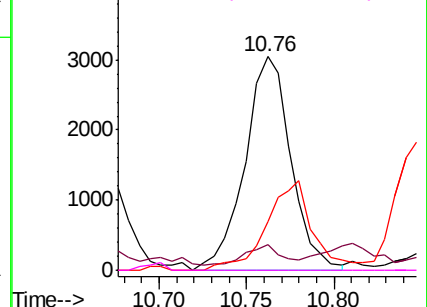
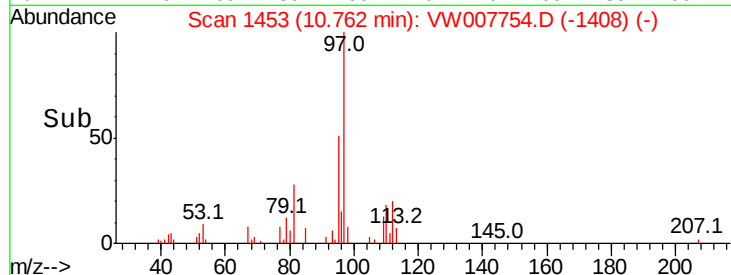
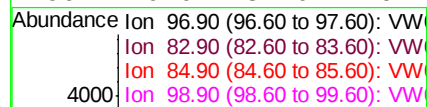
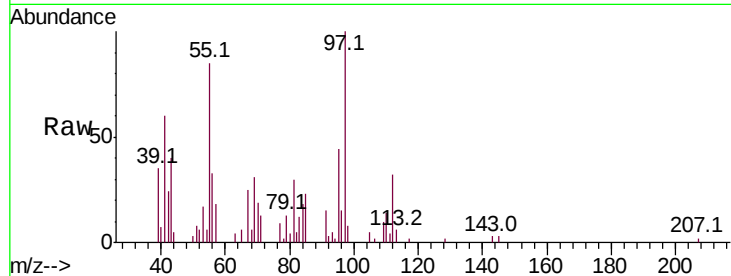
Ion Ratio Lower Upper

97 100

83 9.1 67.5 101.3#

85 22.7 44.8 67.2#

99 0.0 51.0 76.4#



#59

2-Hexanone

Concen: 2.538 ug/l

RT: 11.12 min Scan# 1511

Delta R.T. 0.15 min

Lab File: VW007754.D

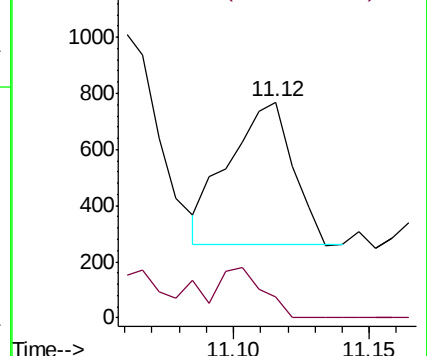
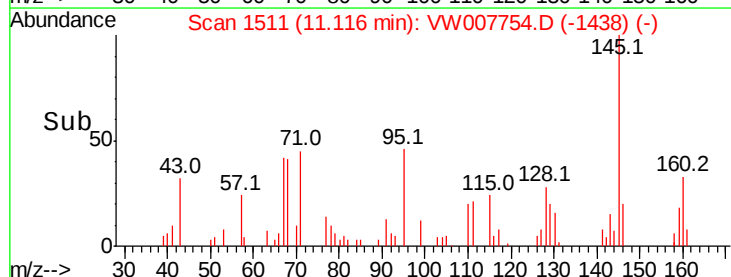
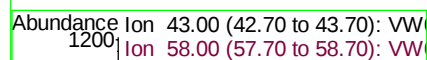
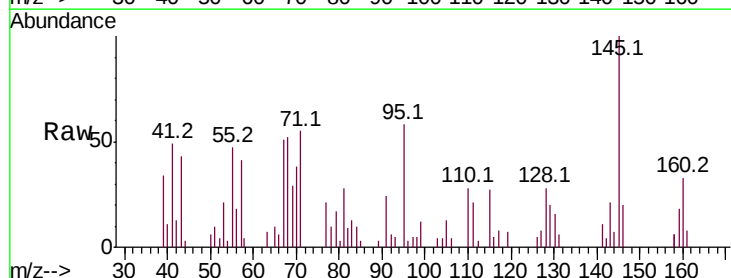
Acq: 20 Dec 2018 18:24

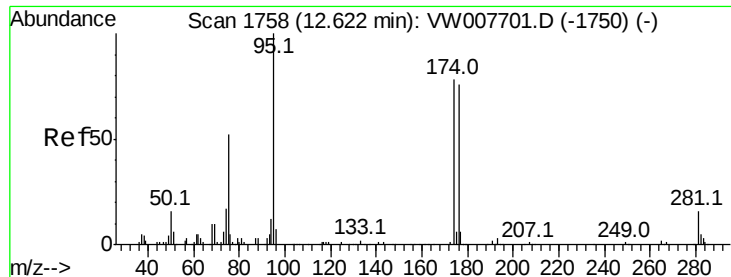
Tgt Ion: 43 Resp: 827

Ion Ratio Lower Upper

43 100

58 31.4 27.7 83.1

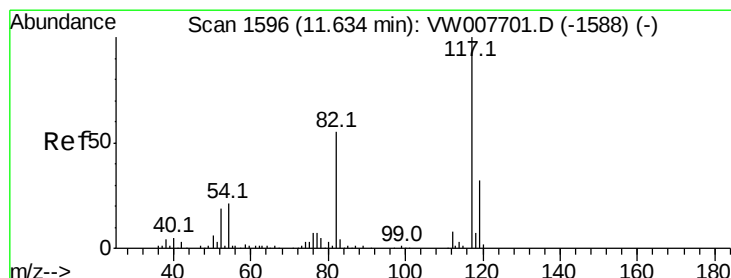
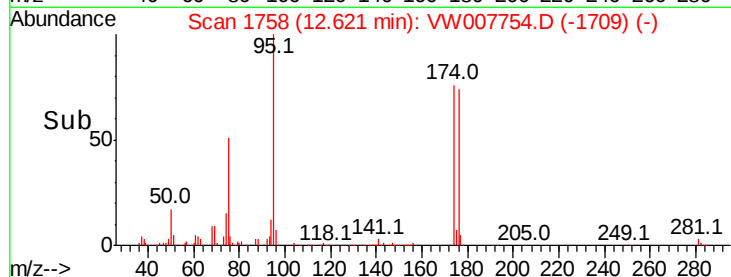
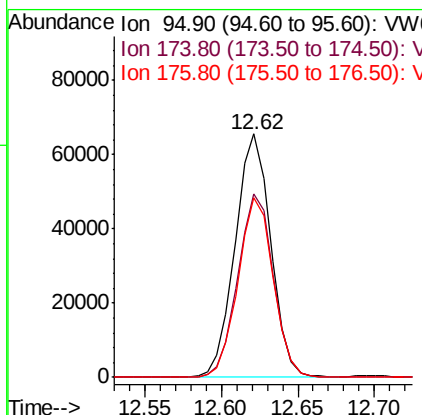
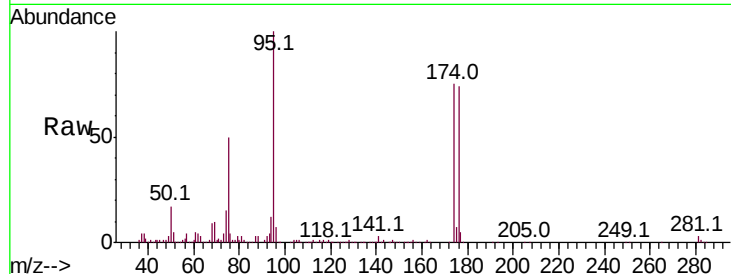




#62
4-Bromofluorobenzene
Concen: 80.215 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

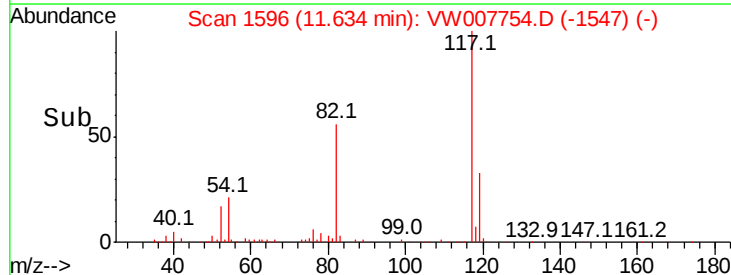
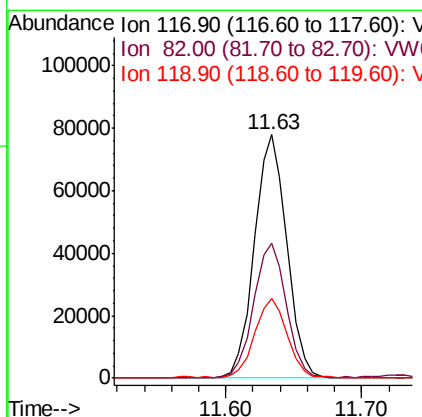
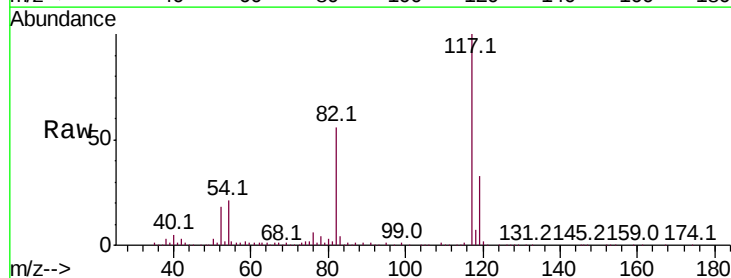
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(16-18)

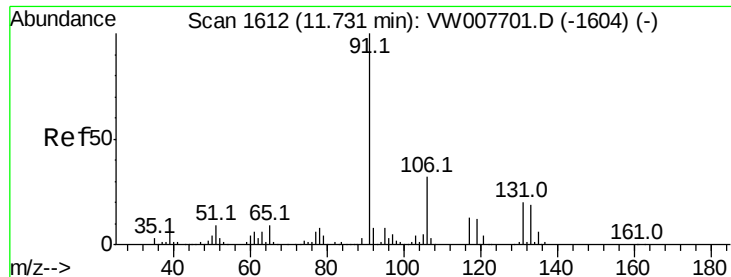
Tot Ion: 95 Resp: 104681
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.2
176 73.8 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

Tgt Ion: 117 Resp: 129336
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.4 25.7 38.5

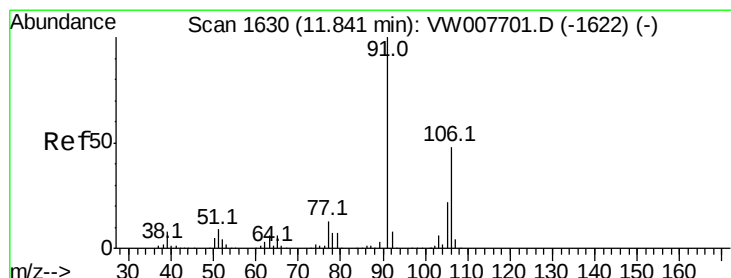
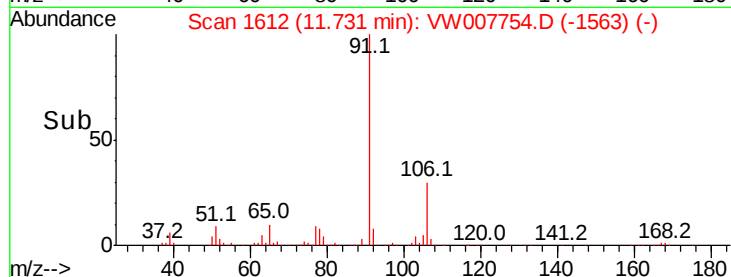
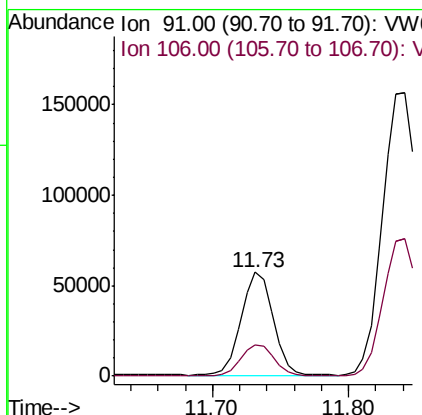
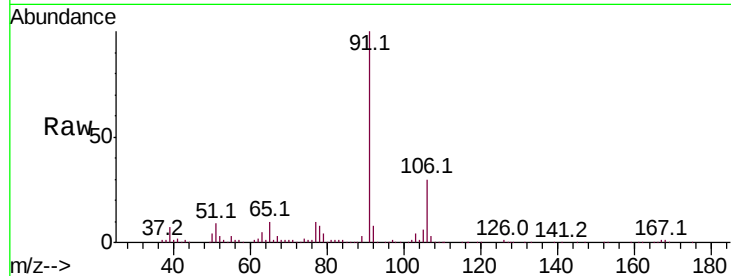




#67
Ethyl Benzene
Concen: 19.422 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

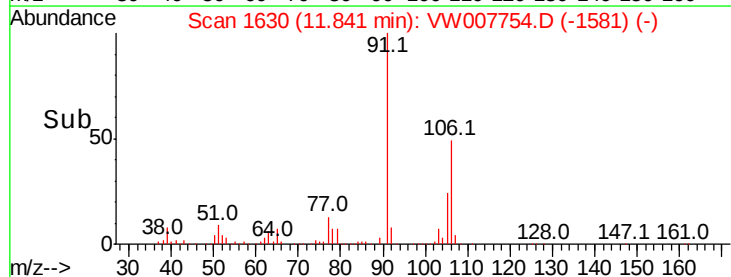
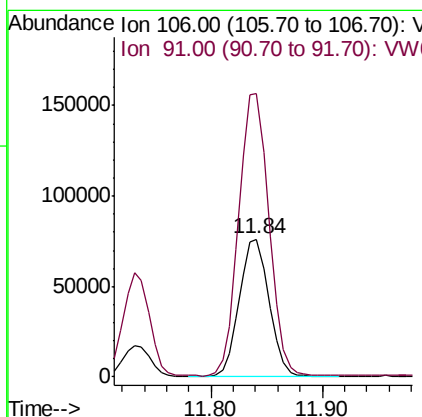
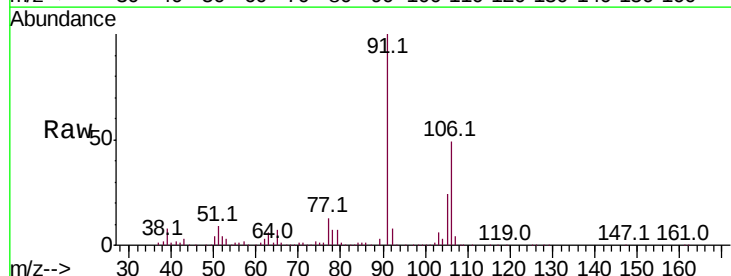
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(16-18)

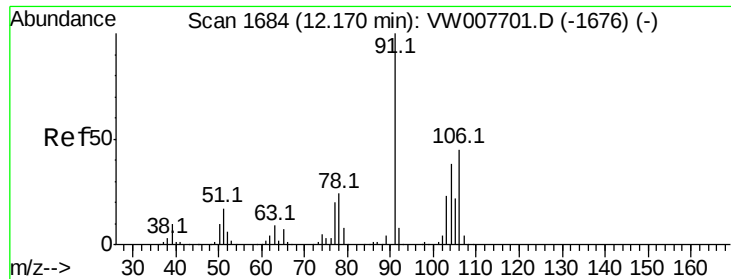
Tot Ion: 91 Resp: 93296
Ion Ratio Lower Upper
91 100
106 30.3 25.8 38.8



#68
m/p-Xylenes
Concen: 75.677 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

Tgt Ion:106 Resp: 141019
Ion Ratio Lower Upper
106 100
91 208.9 165.2 247.8

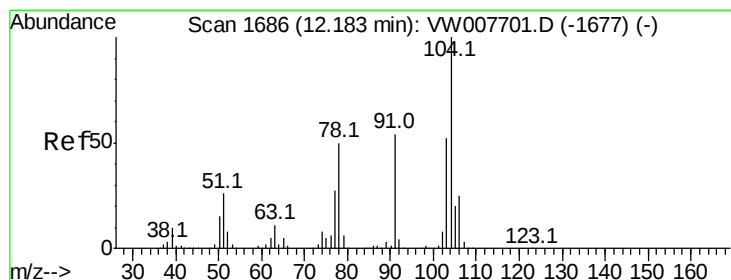
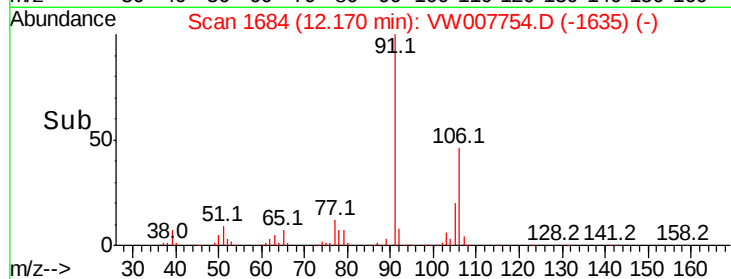
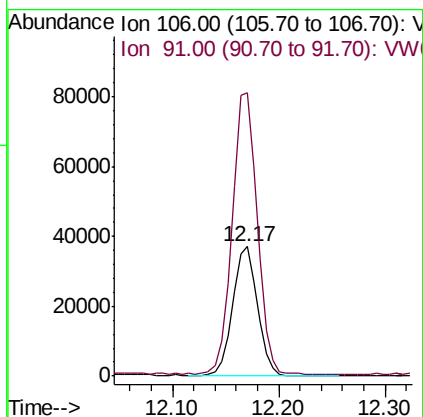
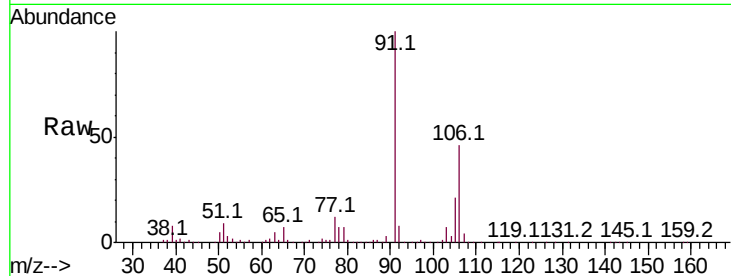




#69
o-Xylene
Concen: 34.678 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

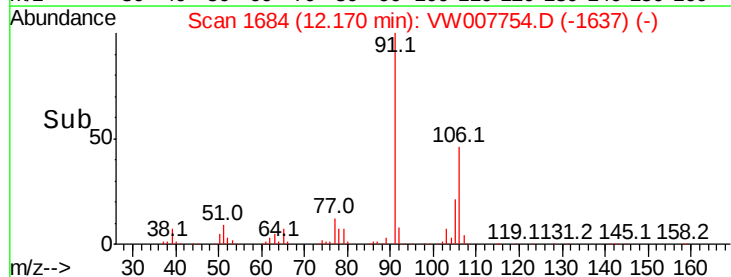
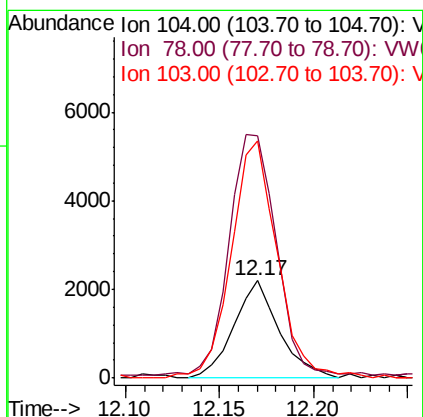
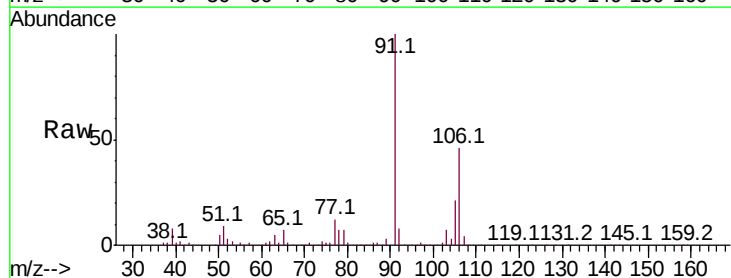
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(16-18)

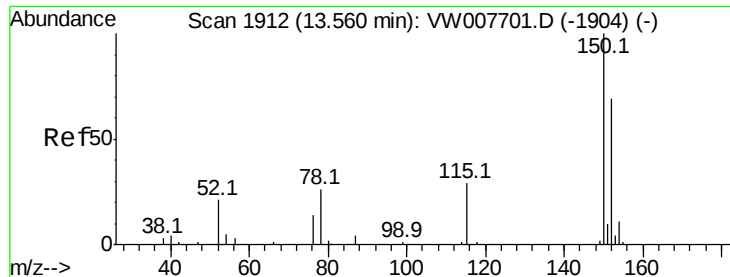
Tot Ion:106 Resp: 60574
Ion Ratio Lower Upper
106 100
91 221.2 110.5 331.4



#70
Styrene
Concen: 1.279 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

Tgt Ion:104 Resp: 3672
Ion Ratio Lower Upper
104 100
78 258.1 43.4 65.0#
103 247.7 44.5 66.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(16-18)

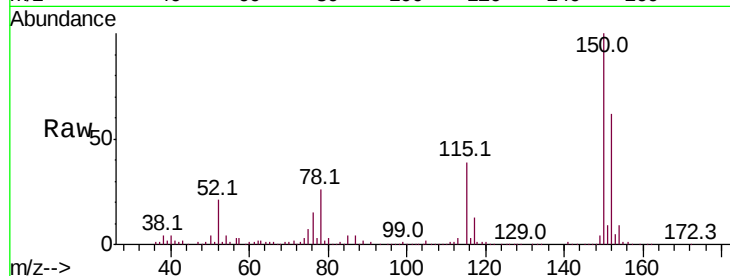
Tot Ion:152 Resp: 64096

Ion Ratio Lower Upper

152 100

115 66.2 31.8 95.4

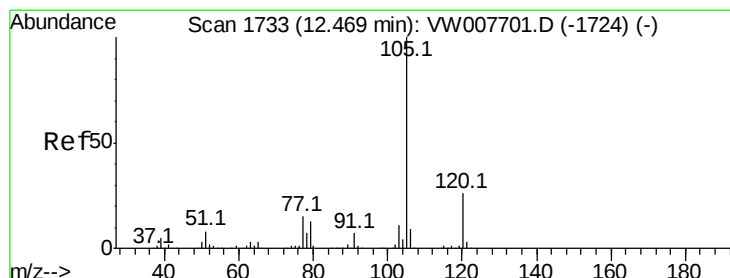
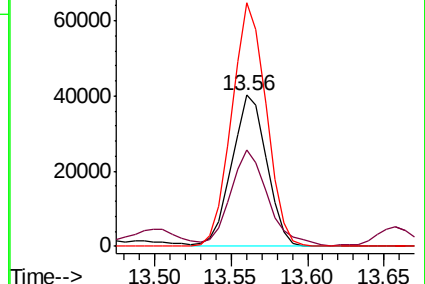
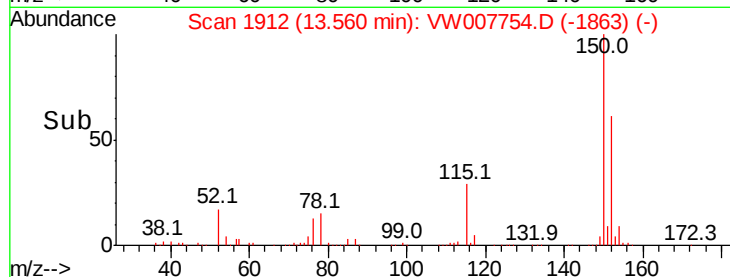
150 157.8 0.0 350.8



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: 23.487 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007754.D

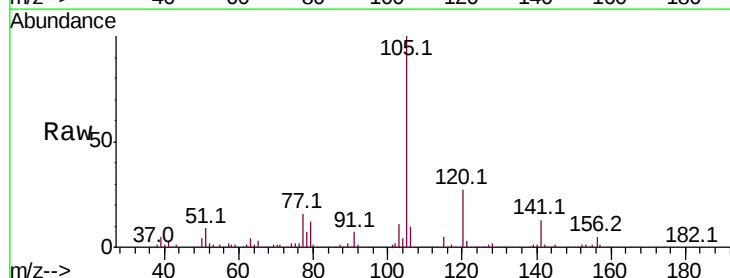
Acq: 20 Dec 2018 18:24

Tgt Ion:105 Resp: 113792

Ion Ratio Lower Upper

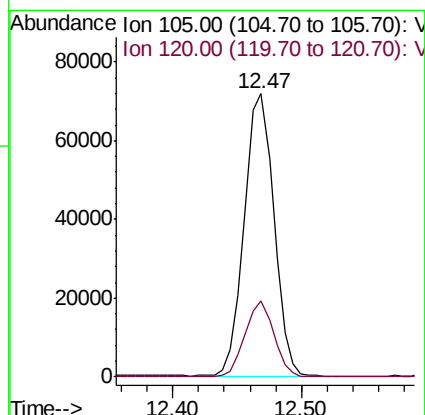
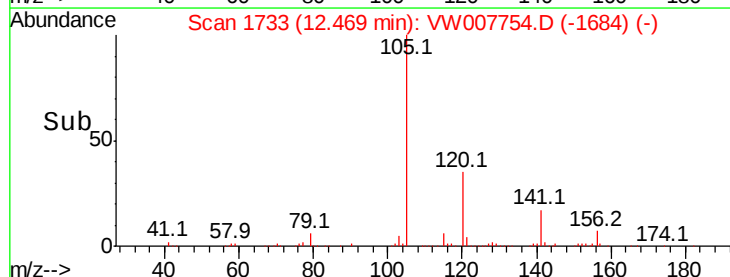
105 100

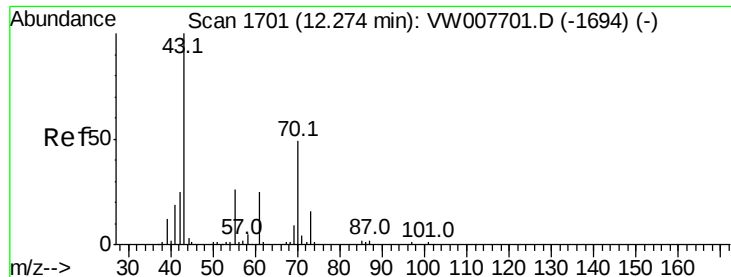
120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.267 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(16-18)

Tot Ion: 43 Resp: 2742

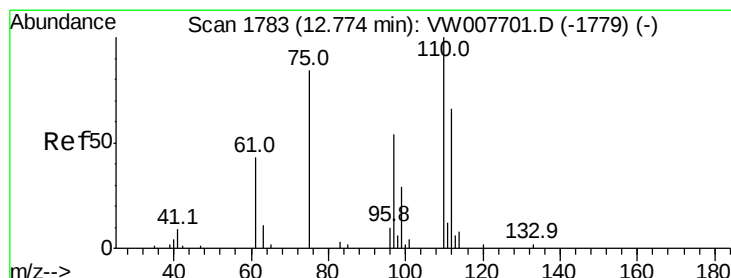
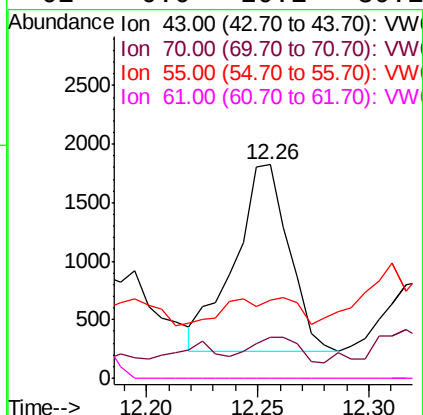
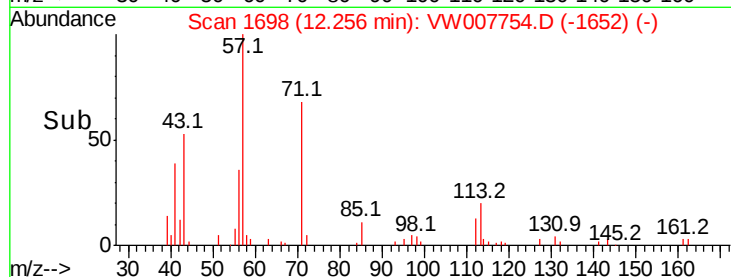
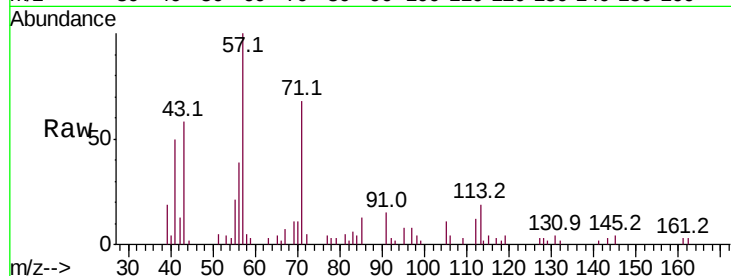
Ion Ratio Lower Upper

43 100

70 11.8 37.6 56.4#

55 7.8 21.7 32.5#

61 0.0 20.1 30.1#



#76

1,2,3-Trichloropropane

Concen: 4.578 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.10 min

Lab File: VW007754.D

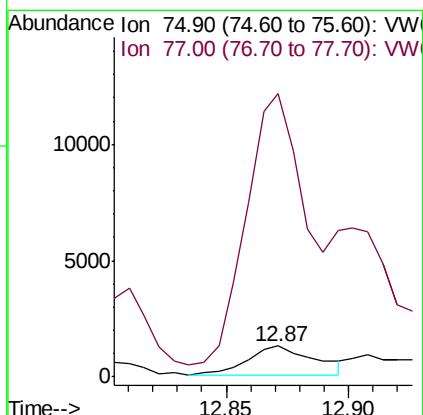
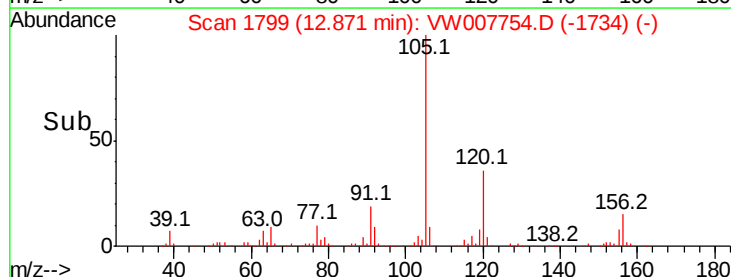
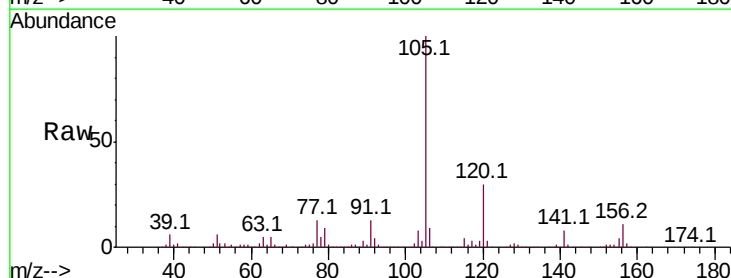
Acq: 20 Dec 2018 18:24

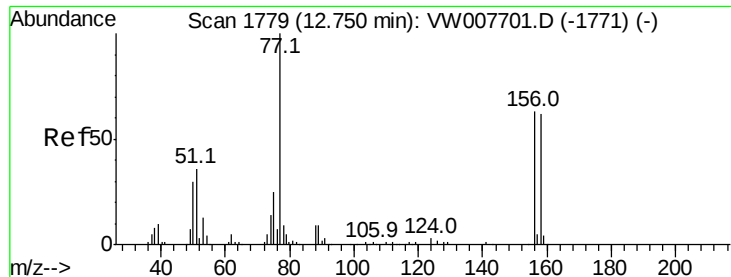
Tgt Ion: 75 Resp: 2268

Ion Ratio Lower Upper

75 100

77 866.0 0.0 0.0#





#77

Bromobenzene

Concen: 105.521 ug/l

RT: 12.93 min Scan# 1808

Delta R.T. 0.18 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(16-18)

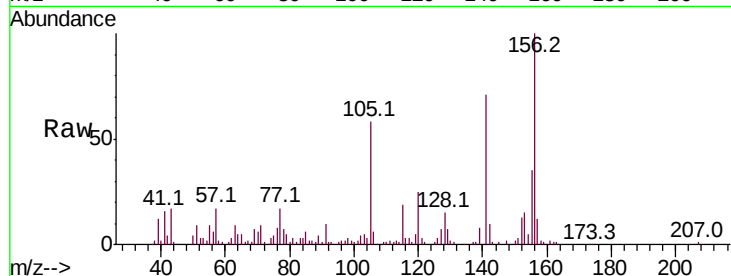
Tot Ion:156 Resp: 117164

Ion Ratio Lower Upper

156 100

77 0.0 87.4 262.1#

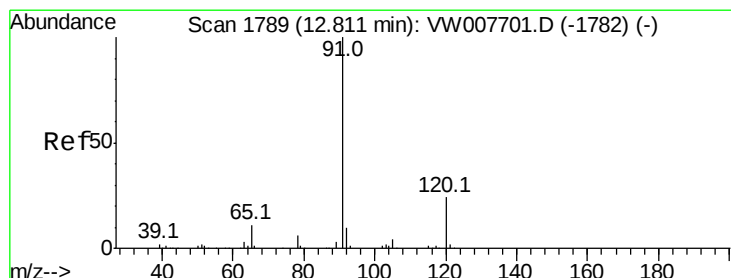
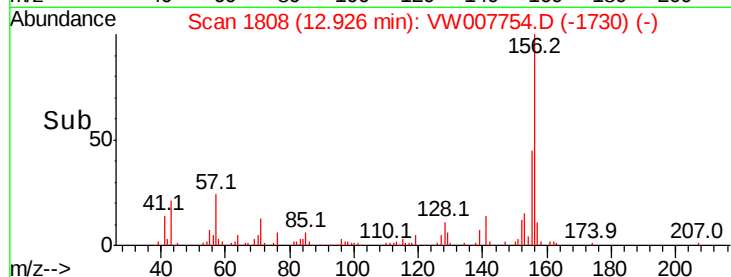
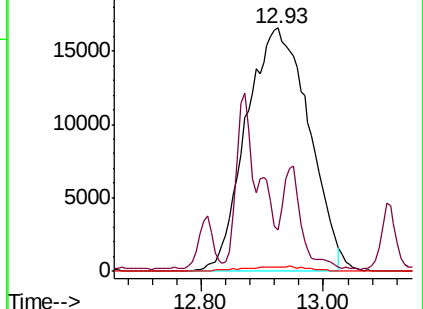
158 0.0 48.4 145.0#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.692 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007754.D

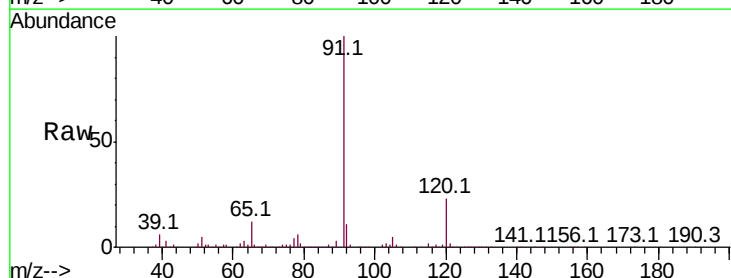
Acq: 20 Dec 2018 18:24

Tgt Ion: 91 Resp: 127981

Ion Ratio Lower Upper

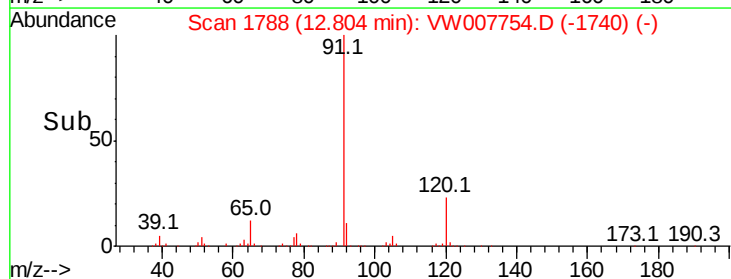
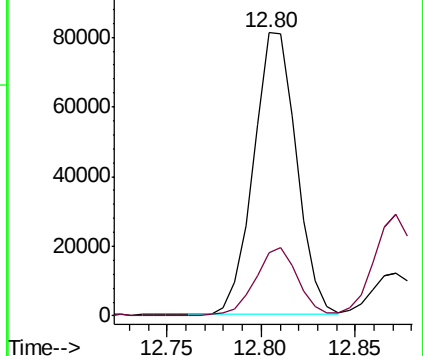
91 100

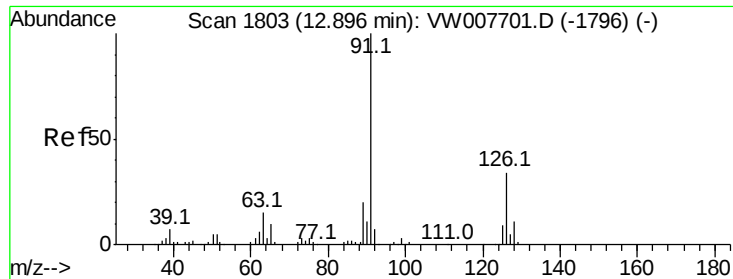
120 23.1 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

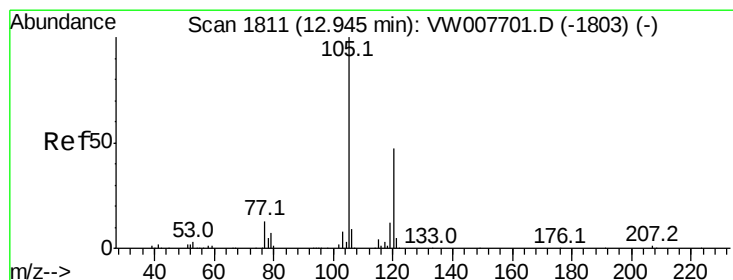
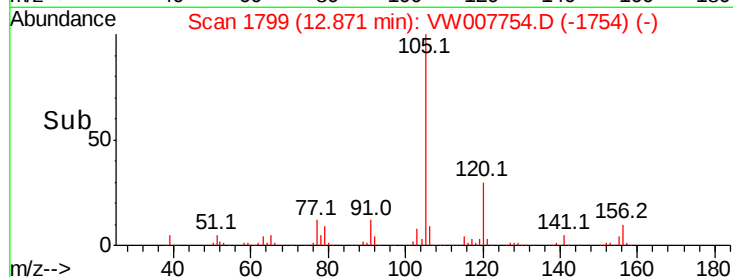
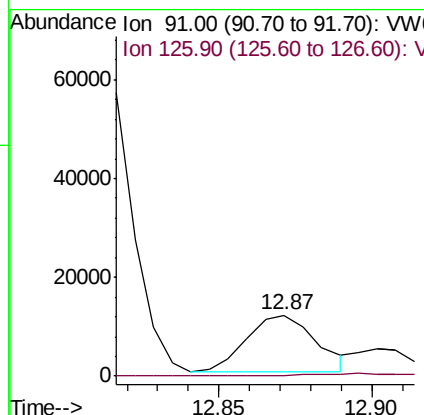
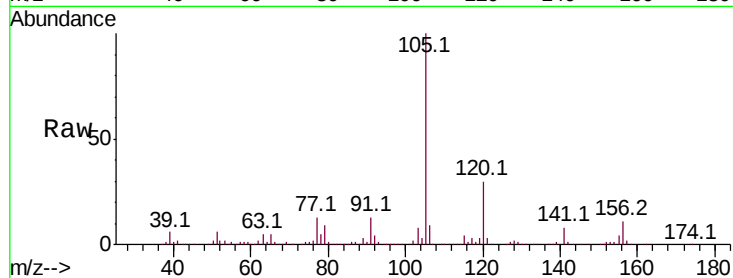




#79
 2-Chlorotoluene
 Concen: 5.421 ug/l
 RT: 12.87 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: VW007754.D
 Acq: 20 Dec 2018 18:24

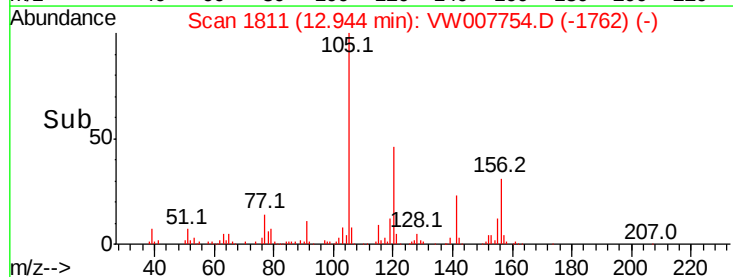
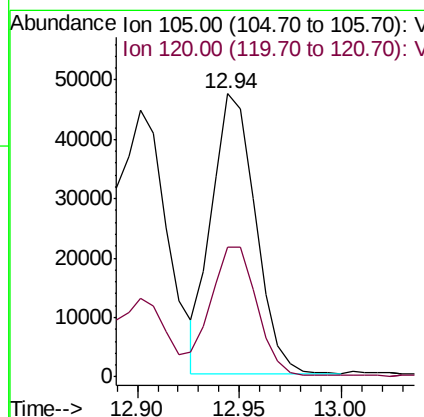
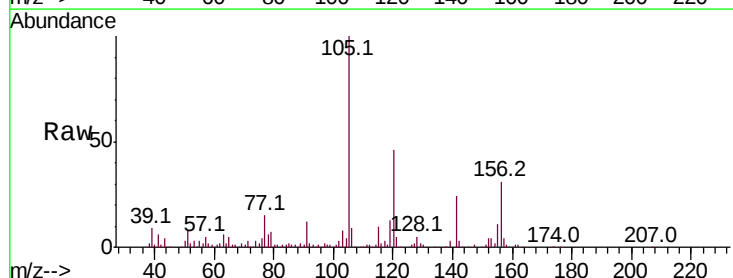
Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB105-121218-(16-18)

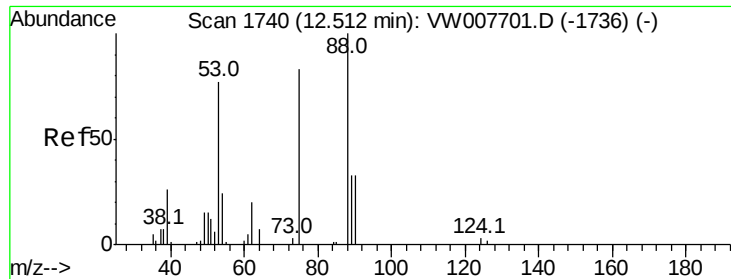
Tot Ion: 91 Resp: 17812
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.0 51.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 16.764 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007754.D
 Acq: 20 Dec 2018 18:24

Tgt Ion:105 Resp: 70057
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.6 70.8

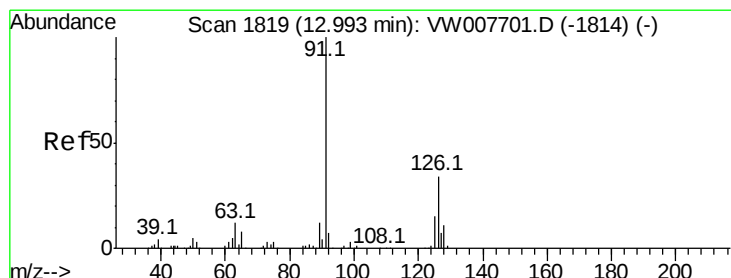
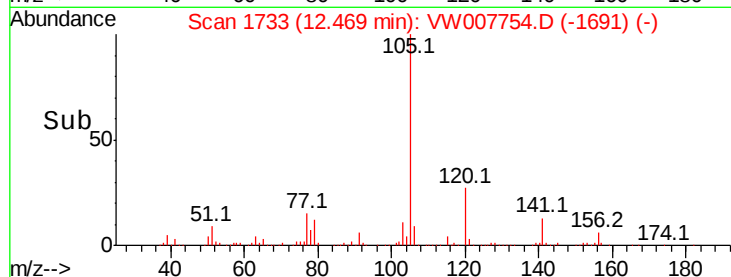
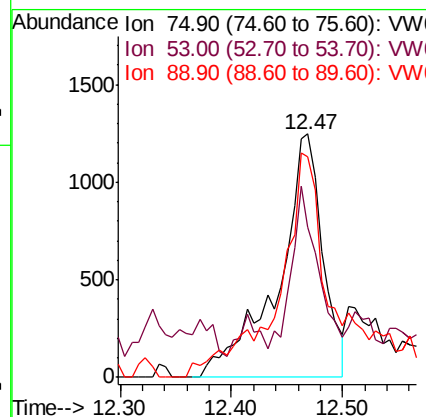
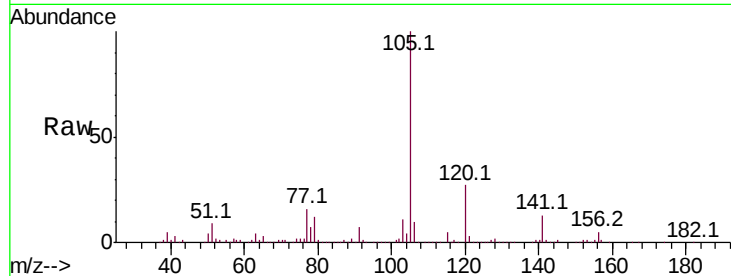




#81
trans-1,4-Dichloro-2-butene
Concen: 14.796 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.04 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

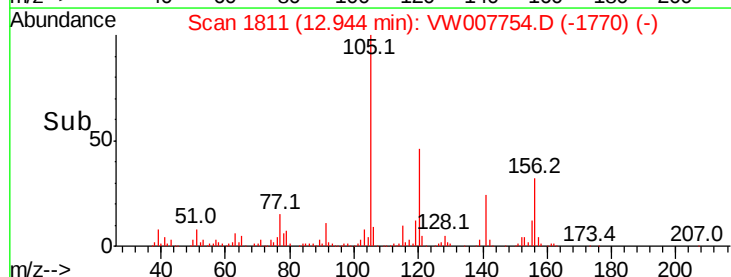
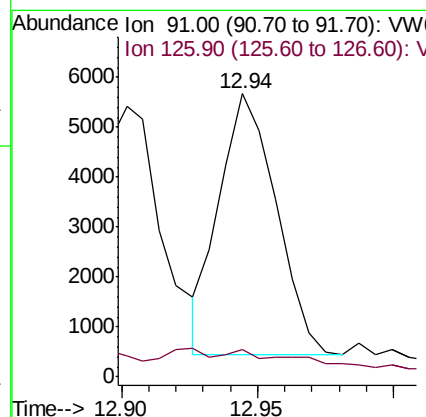
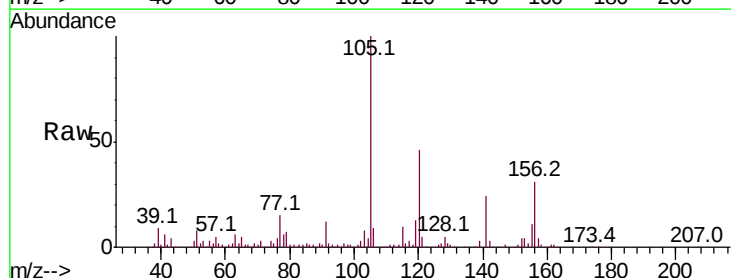
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(16-18)

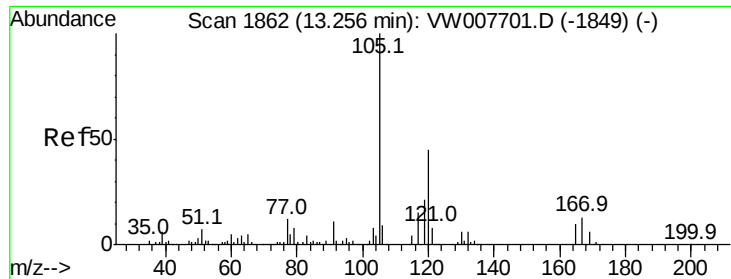
Tot Ion: 75 Resp: 3492
Ion Ratio Lower Upper
75 100
53 37.6 80.2 120.2#
89 62.3 39.2 58.8#



#82
4-Chlorotoluene
Concen: 2.171 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

Tgt Ion: 91 Resp: 7593
Ion Ratio Lower Upper
91 100
126 2.9 16.5 49.5#

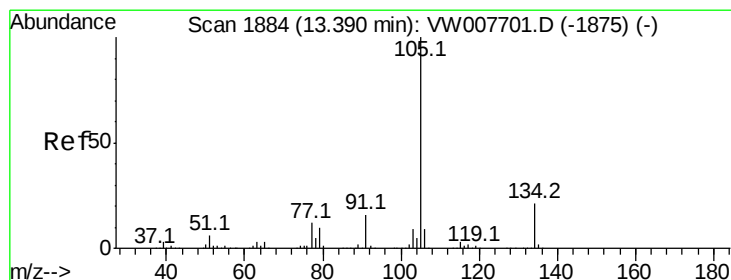
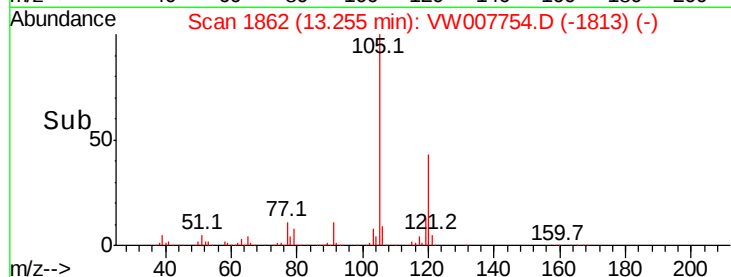
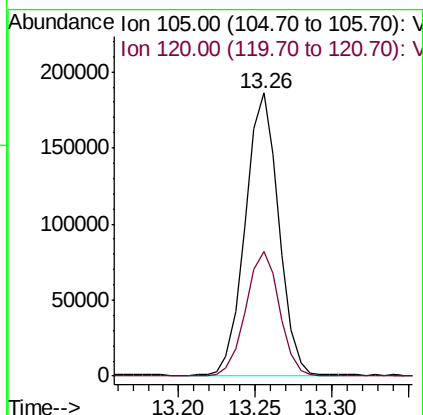
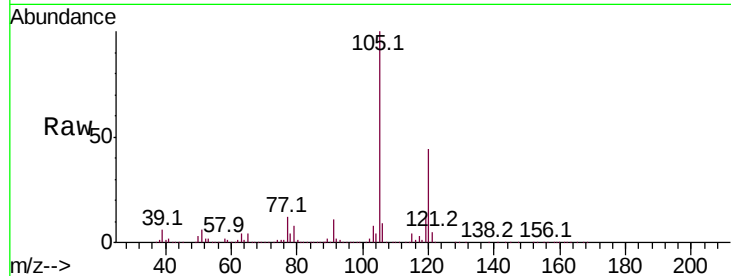




#84
1,2,4-Trimethylbenzene
Concen: 66.530 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

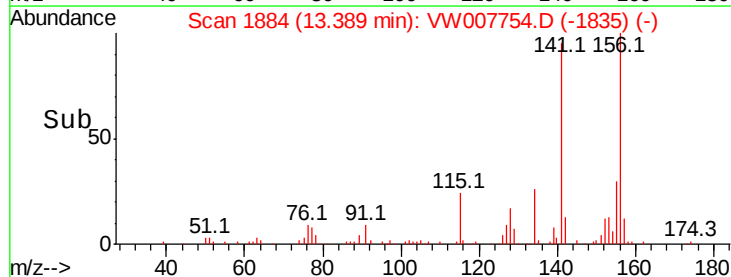
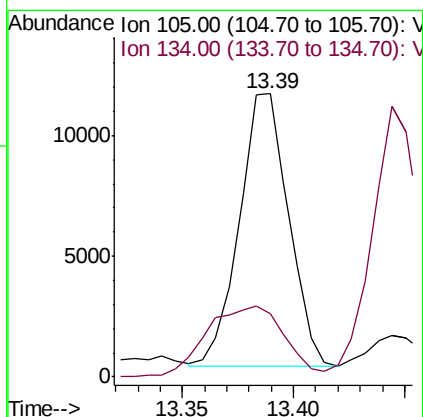
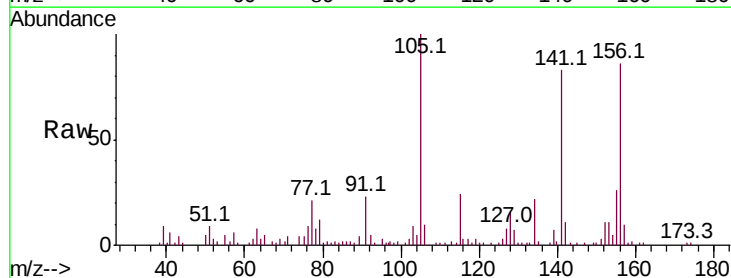
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(16-18)

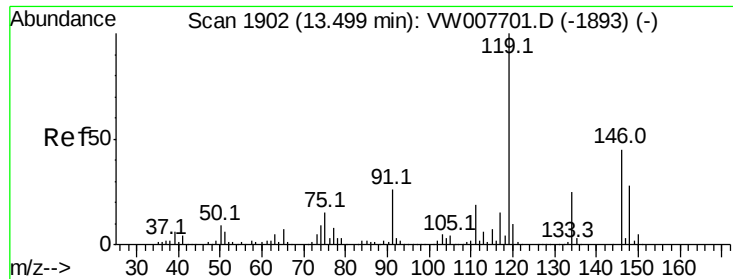
Tot Ion:105 Resp: 280556
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0



#85
sec-Butylbenzene
Concen: 3.433 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

Tgt Ion:105 Resp: 17349
Ion Ratio Lower Upper
105 100
134 41.3 10.2 30.4#

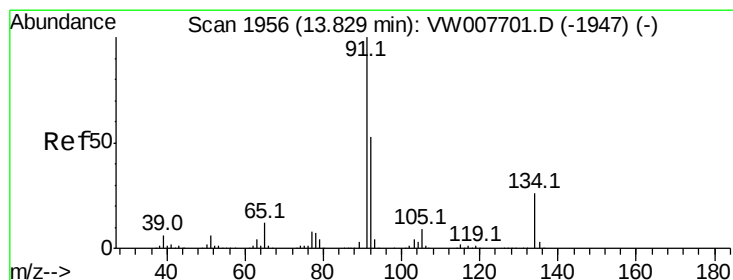
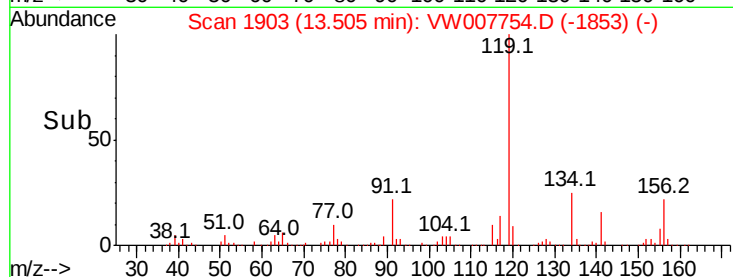
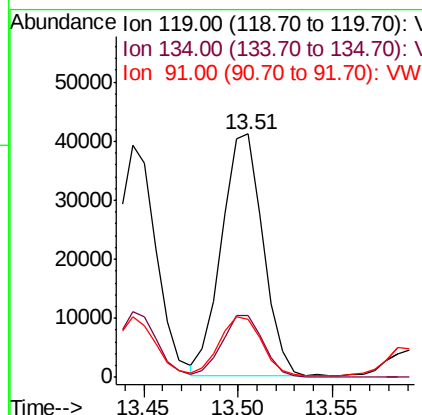
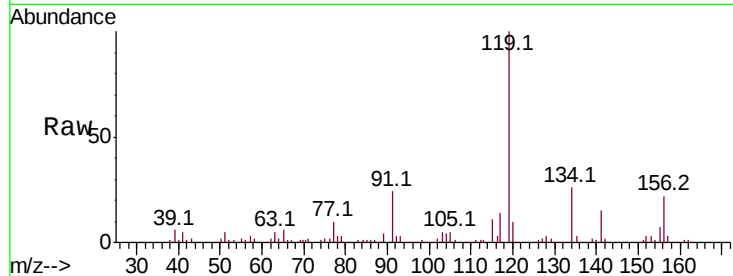




#86
p-Isopropyltoluene
Concen: 13.570 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

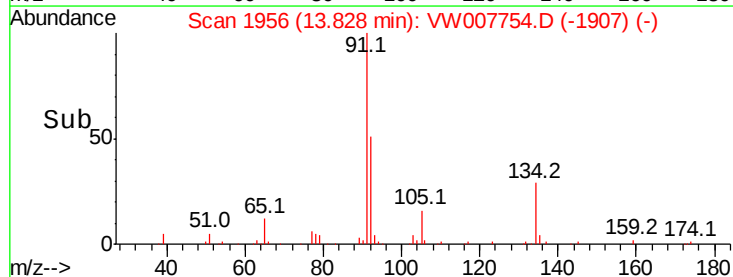
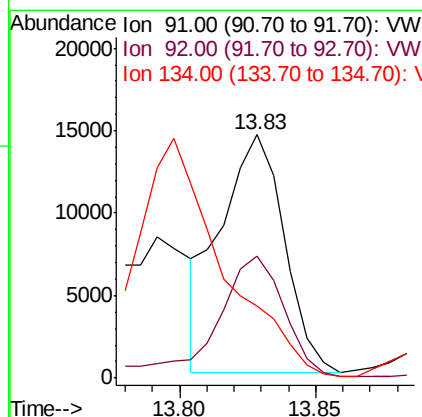
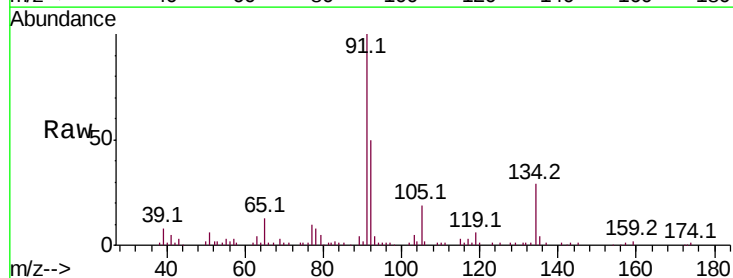
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(16-18)

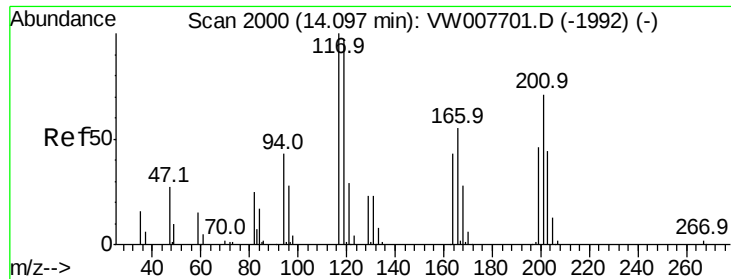
Tot Ion:119 Resp: 62357
Ion Ratio Lower Upper
119 100
134 25.4 13.0 39.0
91 24.5 12.8 38.4



#89
n-Butylbenzene
Concen: 5.560 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007754.D
Acq: 20 Dec 2018 18:24

Tgt Ion: 91 Resp: 23427
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.2
134 0.0 13.7 41.0#





#90

Hexachloroethane

Concen: 17.213 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

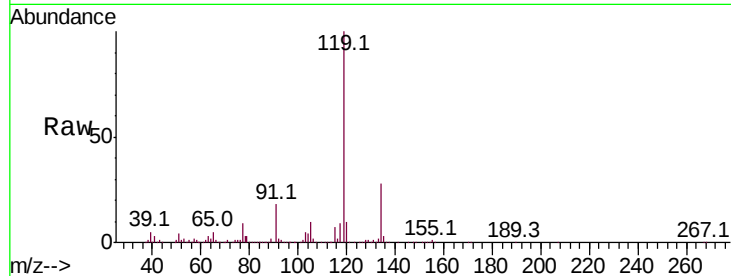
KY001SB105-121218-(16-18)

Tot Ion:117 Resp: 13887

Ion Ratio Lower Upper

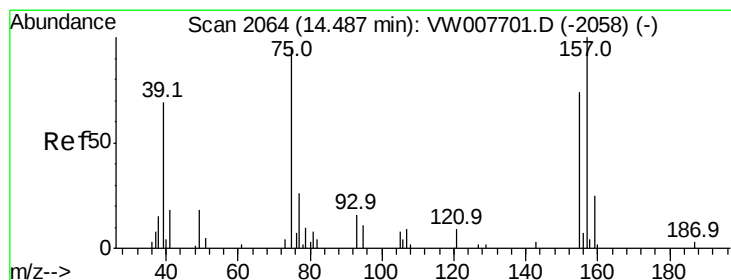
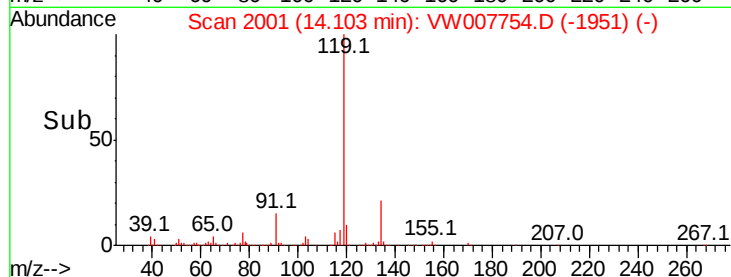
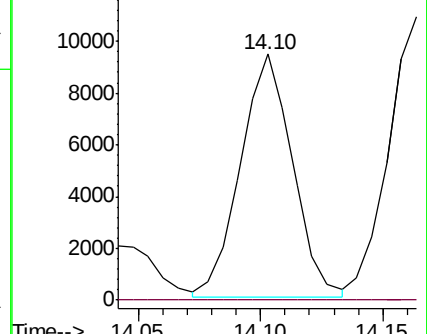
117 100

201 0.0 36.2 108.6#



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: 1.843 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

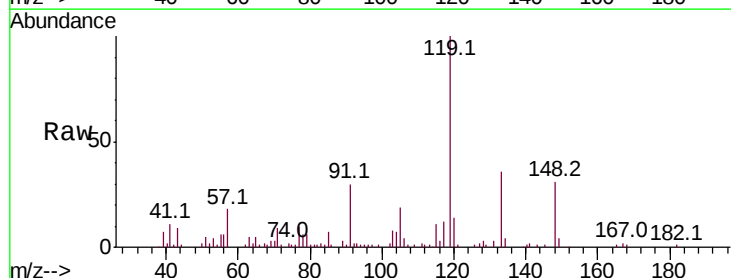
Tgt Ion: 75 Resp: 275

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.1#

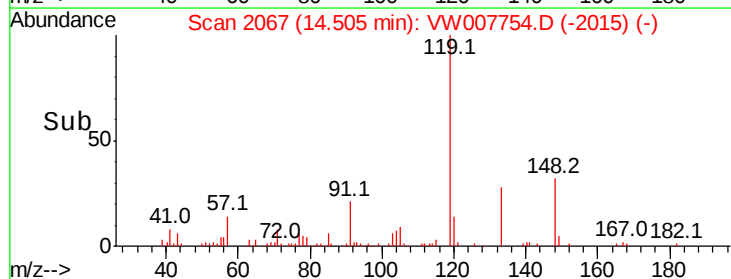
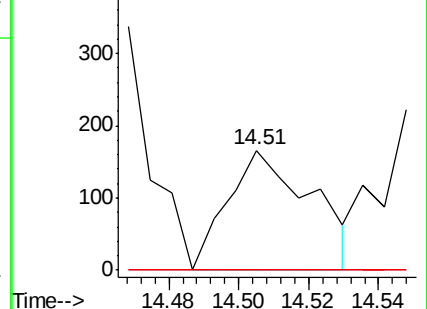
157 0.0 52.0 156.0#

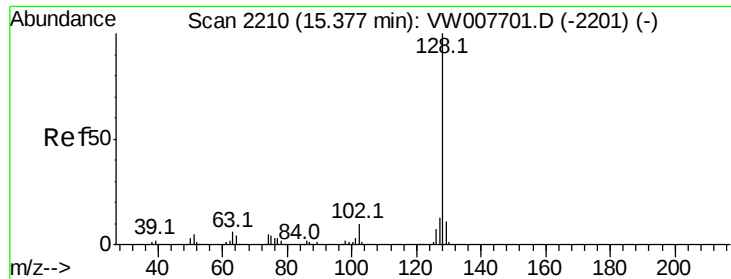


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 49.877 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007754.D

Acq: 20 Dec 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(16-18)

Tot Ion:128 Resp: 126346

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 11.0 8.8 13.2

