

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122218\
 Data File : VW007757.D
 Acq On : 20 Dec 2018 19:42
 Operator : SY/AP
 Sample : J6392-17
 Misc : 6.49G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)

Quant Time: Dec 21 03:55:05 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	79205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57017	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	43407	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
35) Dibromofluoromethane	7.88	113	36509	45.38	ug/l	0.00
Spiked Amount			Recovery	=	90.76%	
50) Toluene-d8	10.32	98	129690	42.77	ug/l	0.00
Spiked Amount			Recovery	=	85.54%	
62) 4-Bromofluorobenzene	12.62	95	52574	44.88	ug/l	0.00
Spiked Amount			Recovery	=	89.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	302	5.157	ug/l #	73
15) Acrylonitrile	5.42	53	179	1.196	ug/l #	1
16) Acetone	4.12	43	4805	29.558	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	5754	5.129	ug/l #	1
20) Methylene Chloride	4.91	84	7241	2.976	ug/l	92
25) 2-Butanone	7.17	43	1762	9.254	ug/l #	70
31) Cyclohexane	7.95	56	3275	2.534	ug/l #	41
36) 1,1-Dichloropropene	7.95	75	5907	4.641	ug/l #	48
38) Carbon Tetrachloride	7.95	117	8090	5.397	ug/l #	14
39) Methylcyclohexane	9.33	83	7129	4.508	ug/l #	76
43) Isopropyl Acetate	8.41	43	3359	3.817	ug/l #	49
48) Methyl methacrylate	9.47	41	1766	4.021	ug/l #	25
51) 4-Methyl-2-Pentanone	10.25	43	2338	5.622	ug/l #	81
52) Toluene	10.38	92	13554	5.948	ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	3563	5.571	ug/l #	26
56) Ethyl methacrylate	10.66	69	757	1.002	ug/l #	56
59) 2-Hexanone	10.94	43	2497	8.538	ug/l #	24
67) Ethyl Benzene	11.73	91	13997	3.258	ug/l	97
68) m/p-Xylenes	11.83	106	22577	13.547	ug/l	97
69) o-Xylene	12.17	106	9171	5.870	ug/l	93
73) Isopropylbenzene	12.47	105	30347	7.041	ug/l	99
74) N-amyl acetate	12.26	43	862	1.155	ug/l #	68
76) 1,2,3-Trichloropropane	12.62	75	26218	59.493	ug/l #	100
78) n-propylbenzene	12.81	91	29819	5.944	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	9912	2.666	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.62	75	26218	124.881	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.26	105	41242	10.994	ug/l	99
85) sec-Butylbenzene	13.39	105	4727	1.052	ug/l #	64
86) p-Isopropyltoluene	13.51	119	9392	2.298	ug/l	98
90) Hexachloroethane	14.10	117	3484	4.855	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.43	75	202	1.522	ug/l #	3
95) Naphthalene	15.38	128	16139	7.162	ug/l	95

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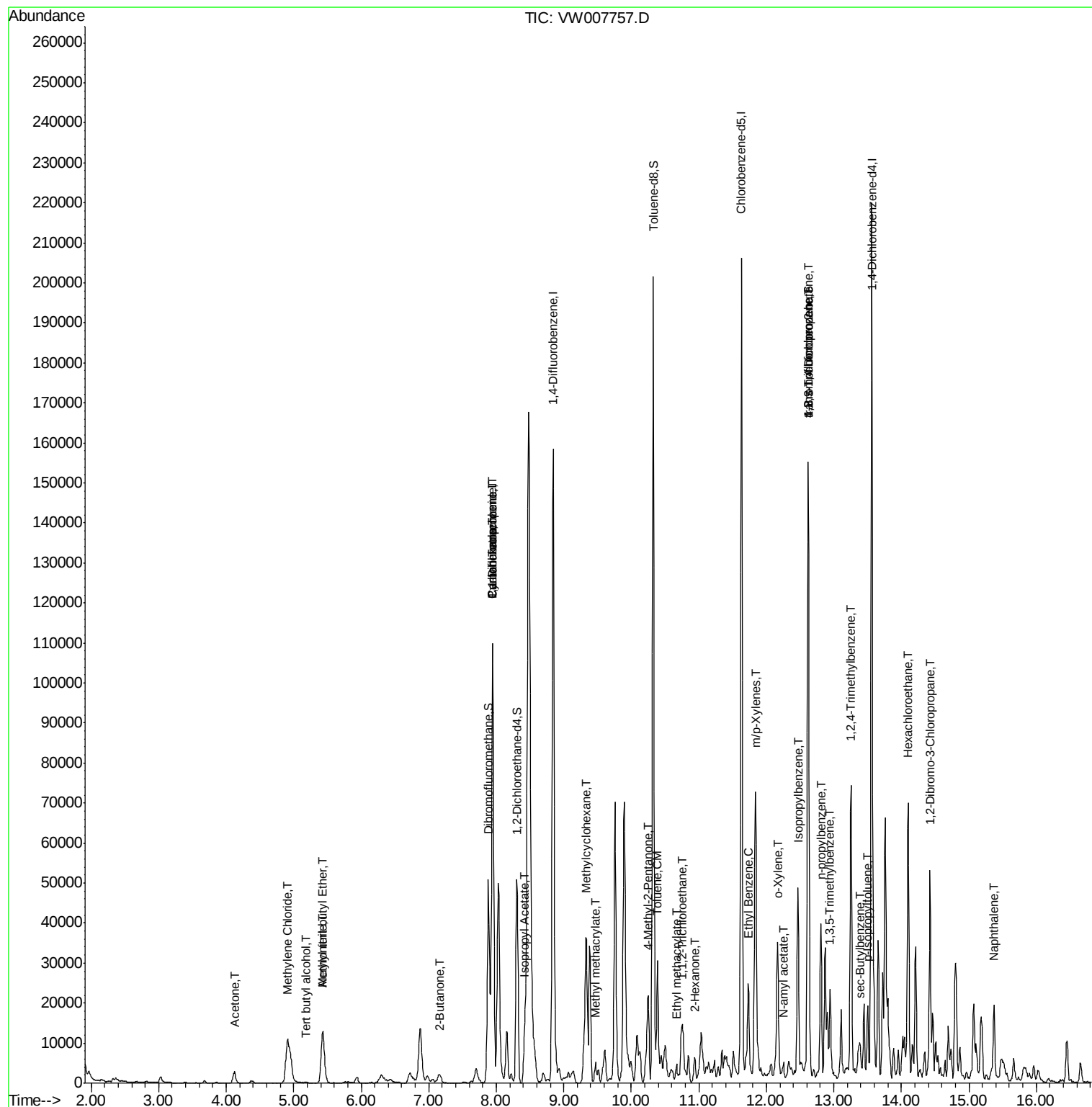
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

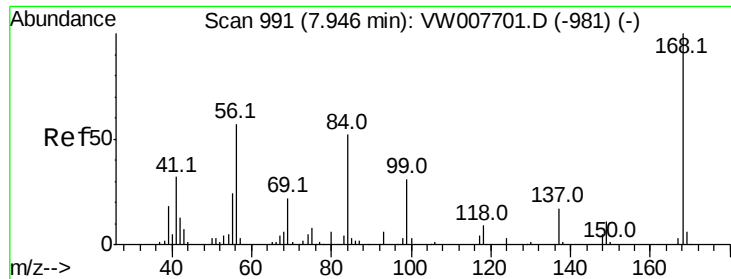
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122218\
Data File : VW007757.D
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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: VW007757.D

Acq: 20 Dec 2018 19:42

Instrument :

MSVOA_W

ClientSampleId :

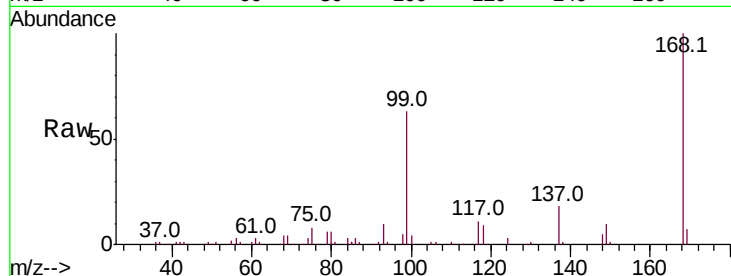
KY001SB106-121218-(8-10)

Tot Ion:168 Resp: 79205

Ion Ratio Lower Upper

168 100

99 62.9 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

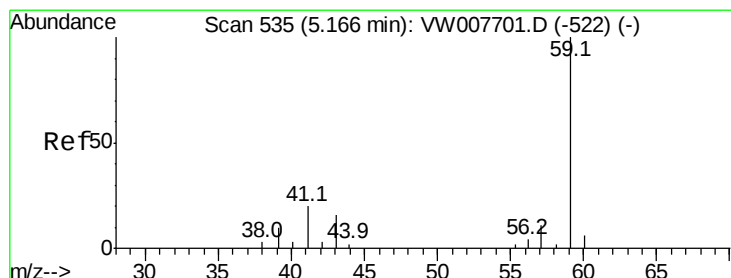
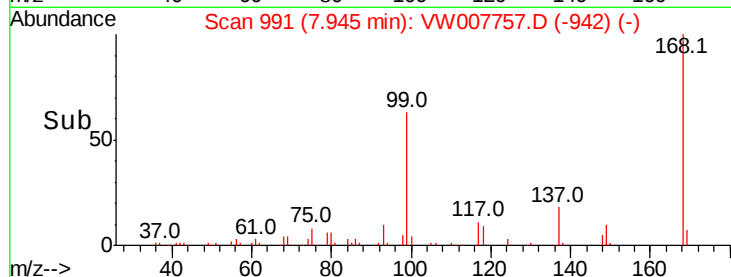
20000

10000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 5.157 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007757.D

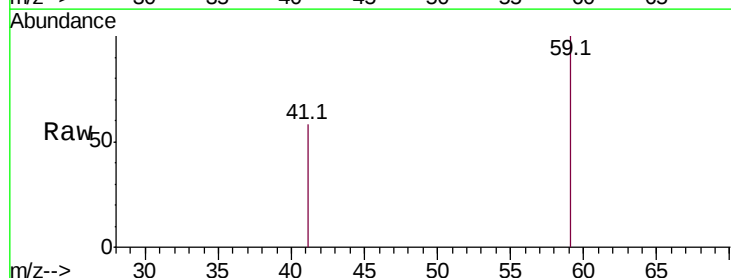
Acq: 20 Dec 2018 19:42

Tgt Ion: 59 Resp: 302

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

150

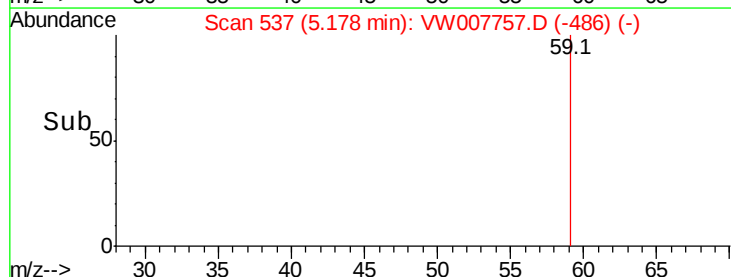
100

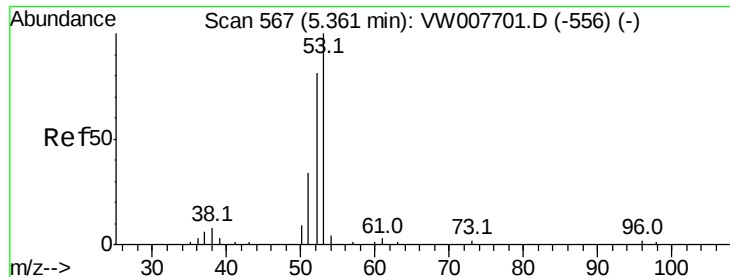
50

0

5.15 5.20

Time-->





#15

Acrylonitrile

Concen: 1.196 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.06 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(8-10)

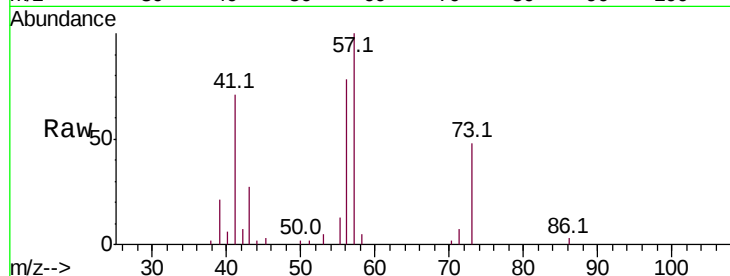
Tot Ion: 53 Resp: 179

Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.4#

51 135.8 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

200

150

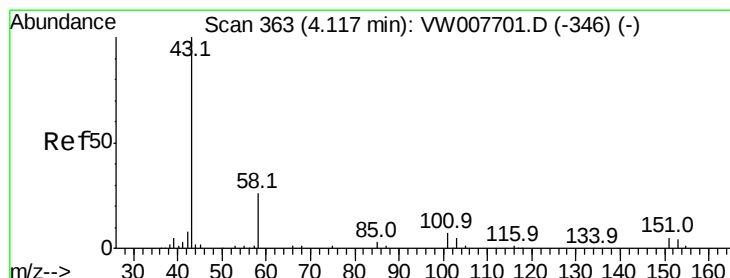
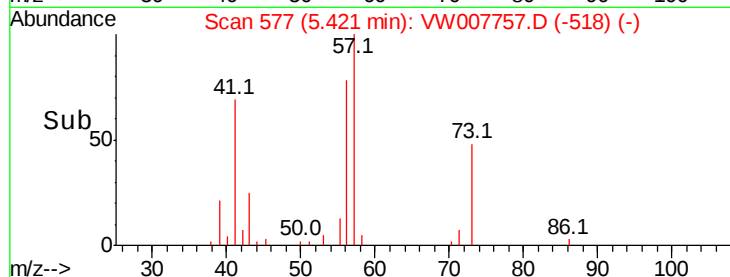
100

50

0

5.40 5.42

Time-->



#16

Acetone

Concen: 29.558 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007757.D

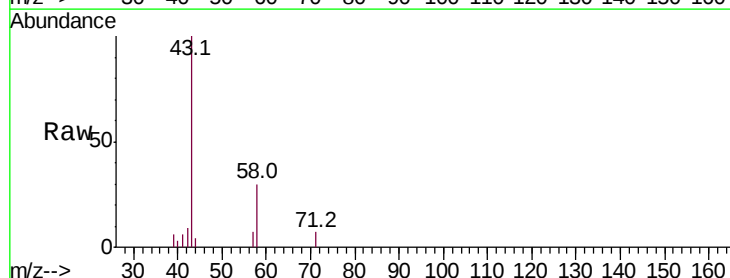
Acq: 20 Dec 2018 19:42

Tgt Ion: 43 Resp: 4805

Ion Ratio Lower Upper

43 100

58 29.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

1500

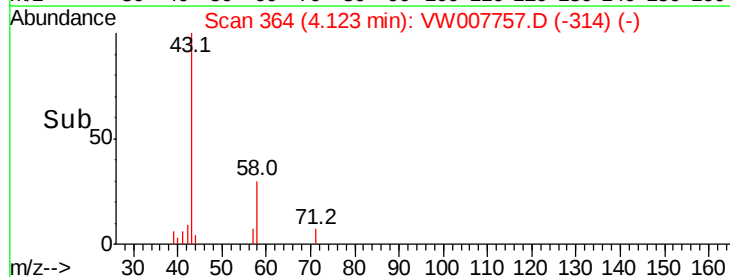
1000

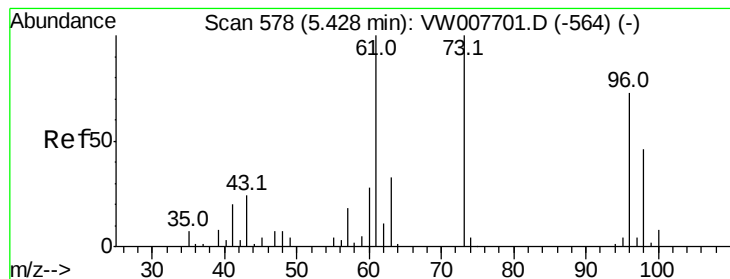
500

0

4.00 4.10 4.20

Time-->



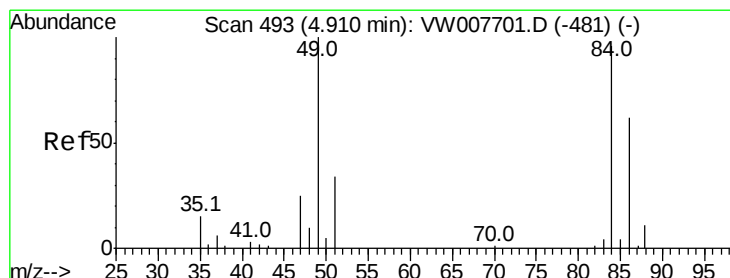
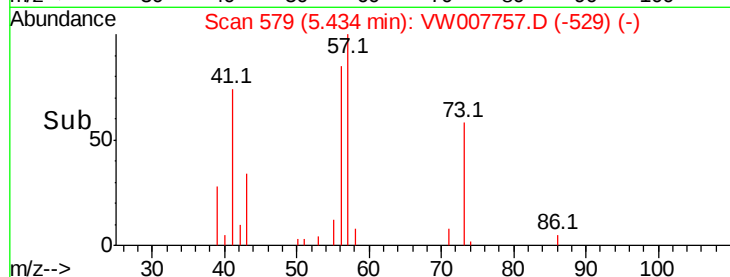
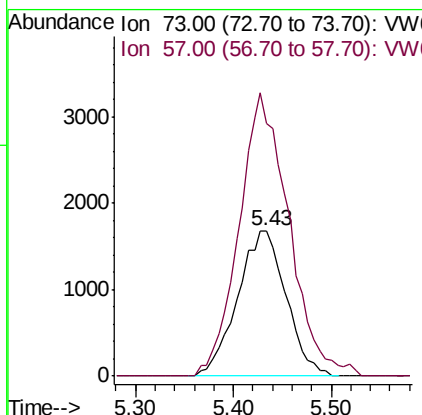
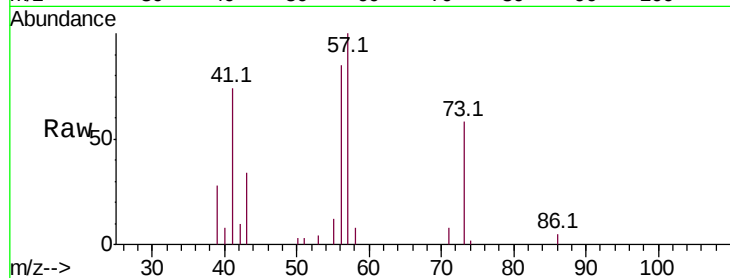


#19

Methyl tert-butyl Ether
 Concen: 5.129 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW007757.D
 Acq: 20 Dec 2018 19:42

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)

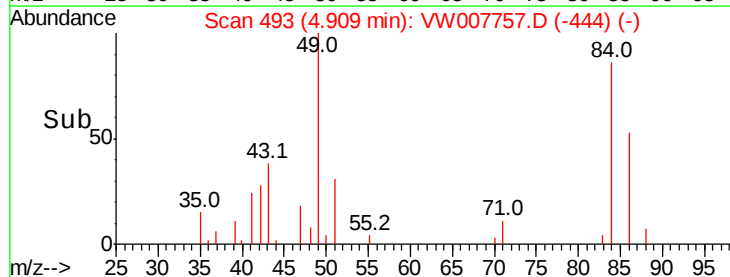
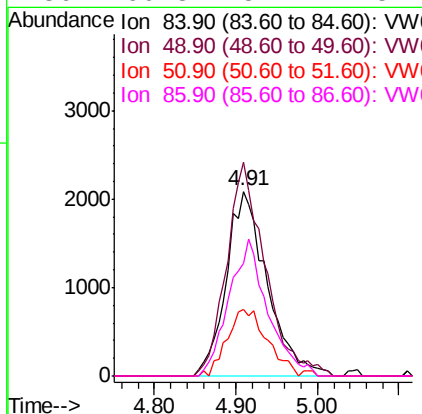
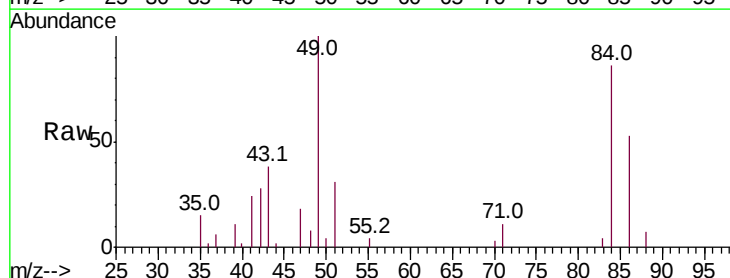
Tot Ion: 73 Resp: 5754
 Ion Ratio Lower Upper
 73 100
 57 173.5 14.7 22.1#

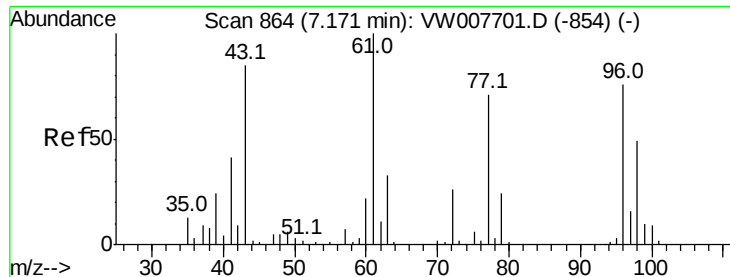


#20

Methylene Chloride
 Concen: 2.976 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007757.D
 Acq: 20 Dec 2018 19:42

Tgt Ion: 84 Resp: 7241
 Ion Ratio Lower Upper
 84 100
 49 115.7 83.7 125.5
 51 36.2 28.2 42.2
 86 60.8 52.2 78.2





#25

2-Butanone

Concen: 9.254 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

Instrument :

MSVOA_W

ClientSampleId :

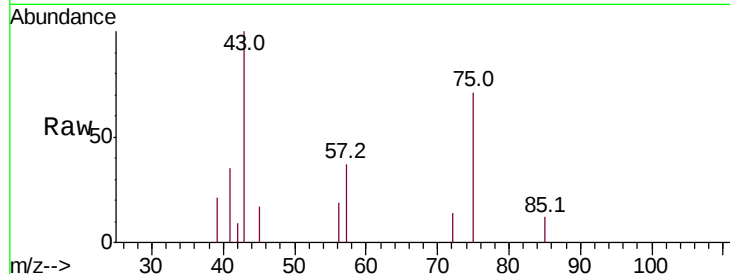
KY001SB106-121218-(8-10)

Tot Ion: 43 Resp: 1762

Ion Ratio Lower Upper

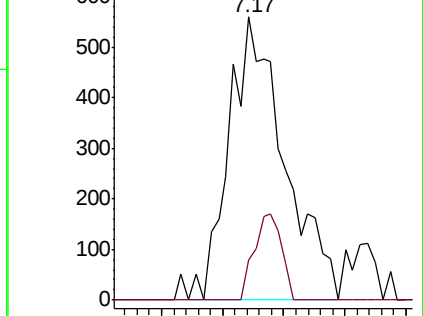
43 100

72 14.3 24.5 36.7#

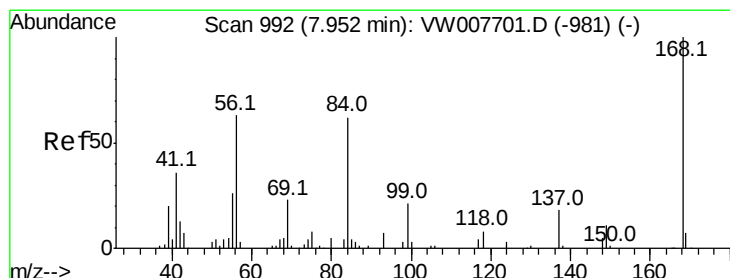
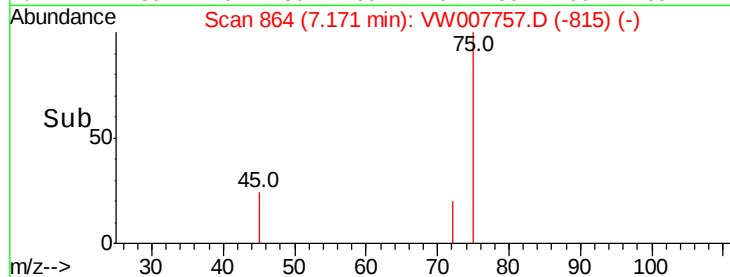


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#31

Cyclohexane

Concen: 2.534 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

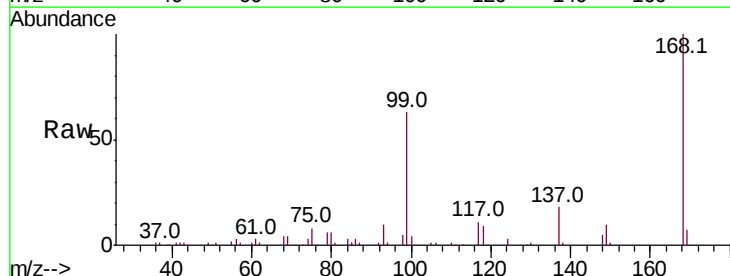
Tgt Ion: 56 Resp: 3275

Ion Ratio Lower Upper

56 100

69 140.9 29.7 44.5#

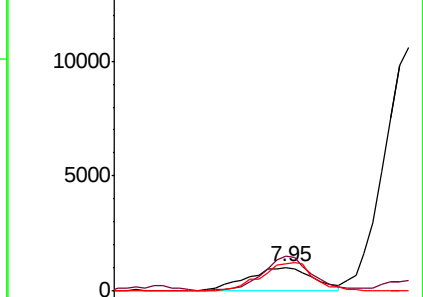
84 113.7 78.9 118.3



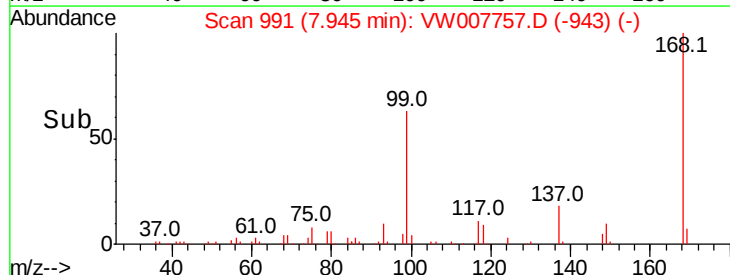
Abundance Ion 56.00 (55.70 to 56.70): VW

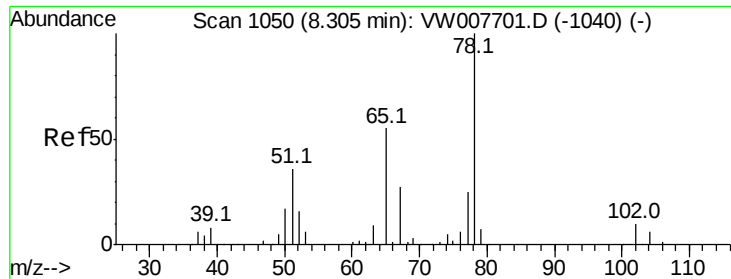
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.001 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

Instrument :

MSVOA_W

ClientSampleId :

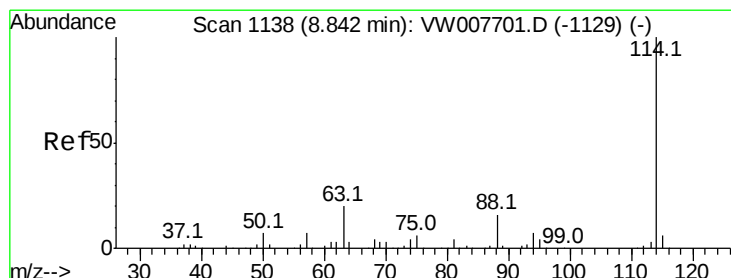
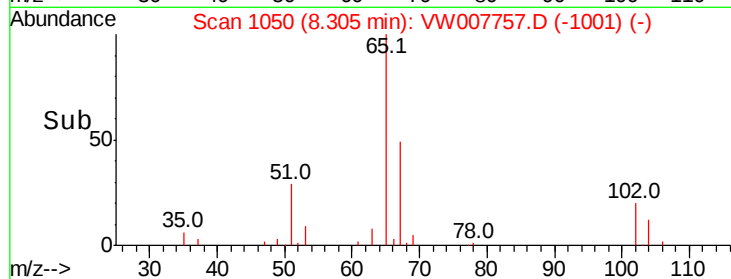
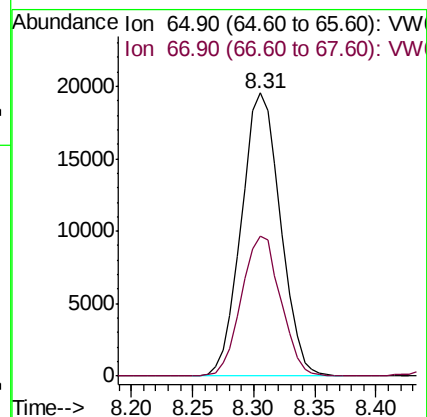
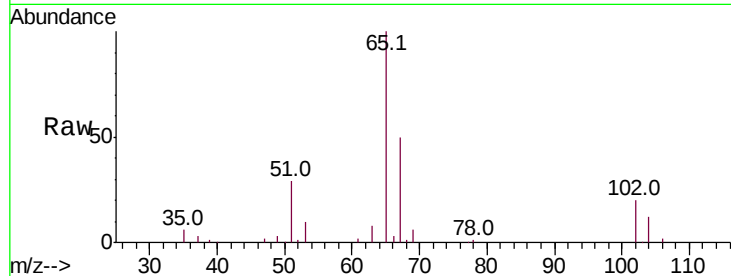
KY001SB106-121218-(8-10)

Tot Ion: 65 Resp: 43407

Ion Ratio Lower Upper

65 100

67 49.6 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: VW007757.D

Acq: 20 Dec 2018 19:42

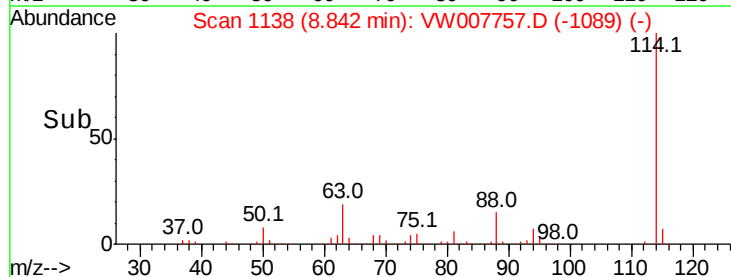
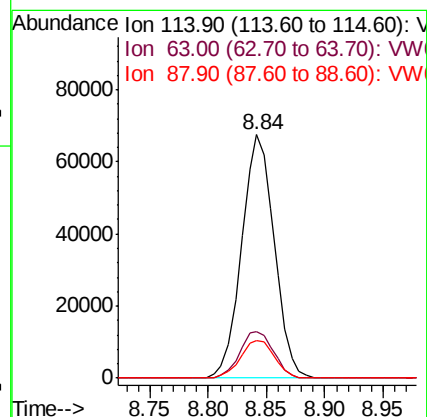
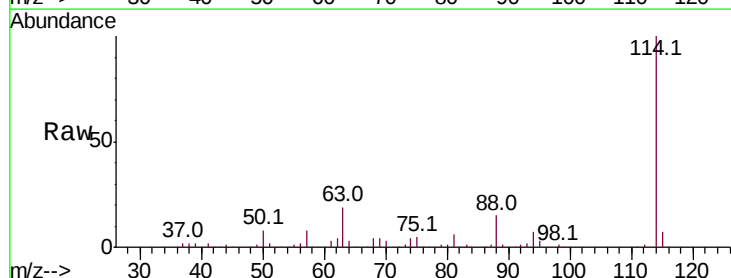
Tgt Ion: 114 Resp: 131863

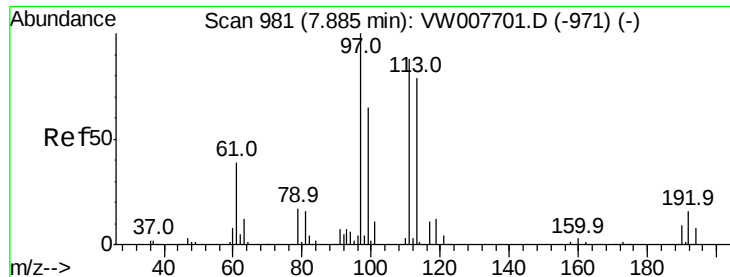
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.385 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

Instrument :

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KY001SB106-121218-(8-10)

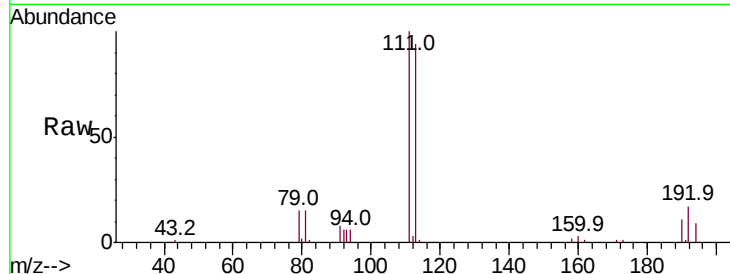
Tot Ion:113 Resp: 36509

Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

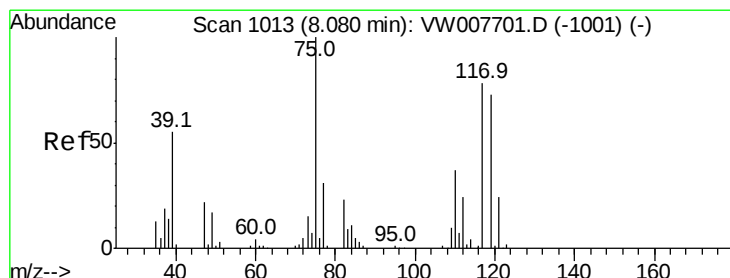
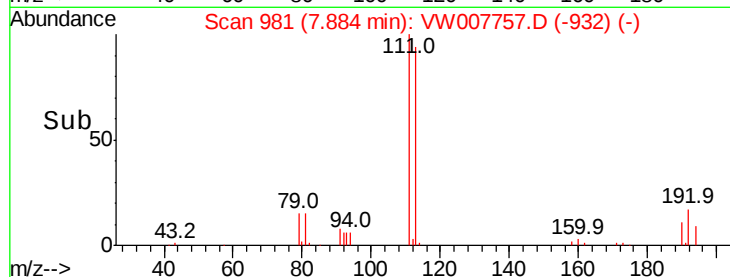
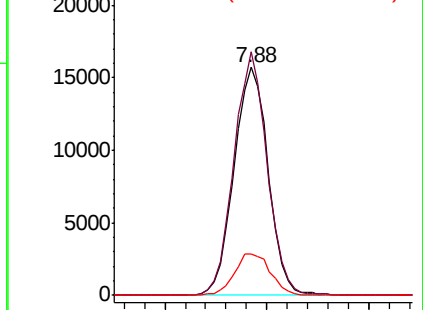
192 19.2 15.5 23.3



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: 4.641 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

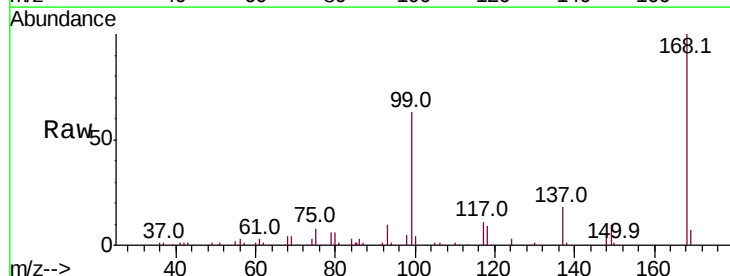
Tgt Ion: 75 Resp: 5907

Ion Ratio Lower Upper

75 100

110 8.5 18.6 55.8#

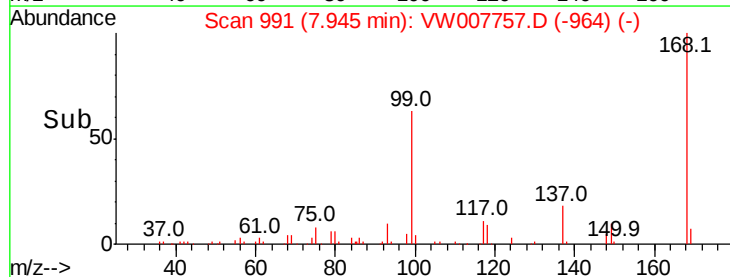
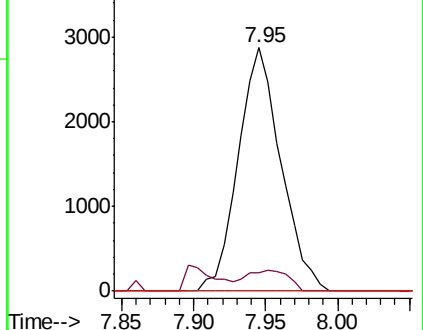
77 0.0 25.0 37.4#

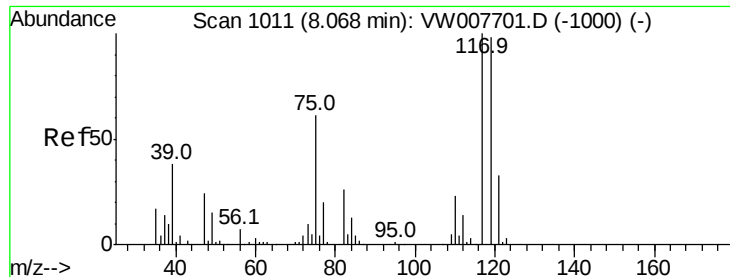


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

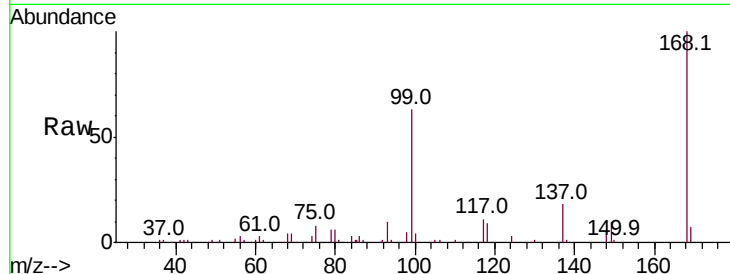




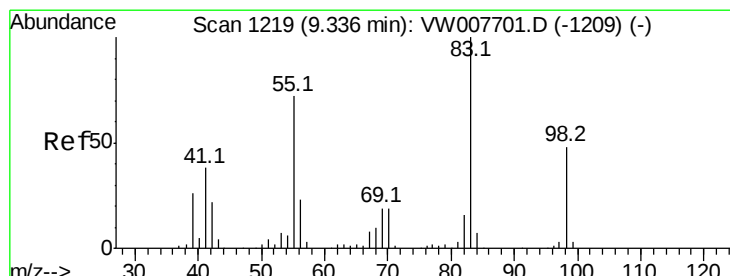
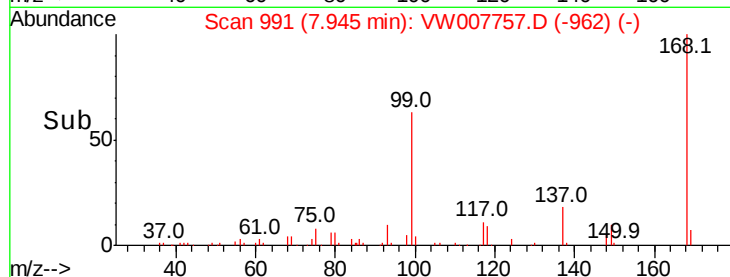
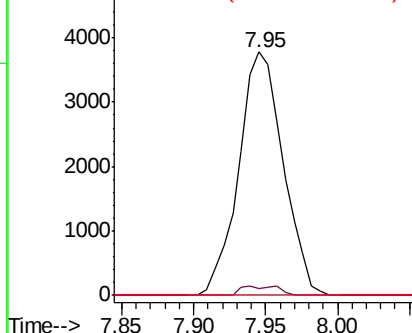
#38
Carbon Tetrachloride
Concen: 5.397 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007757.D
Acq: 20 Dec 2018 19:42

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)

Tot Ion:117 Resp: 8090
Ion Ratio Lower Upper
117 100
119 3.1 78.2 117.2#
121 0.0 26.1 39.1#

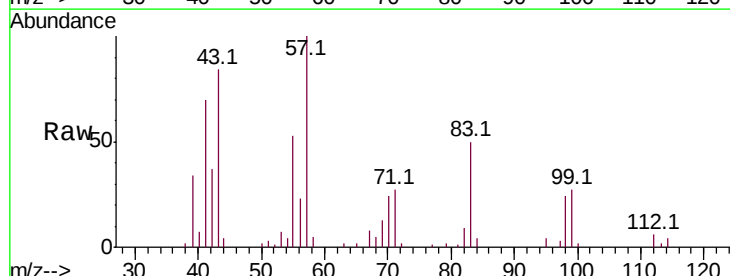


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

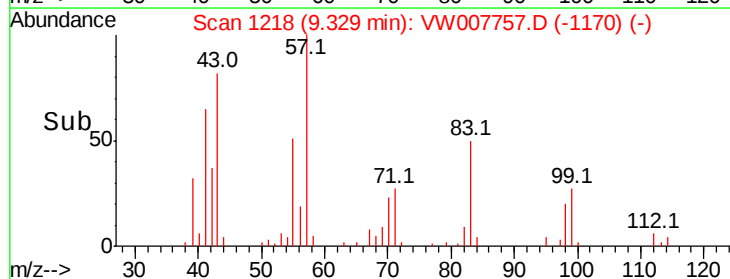
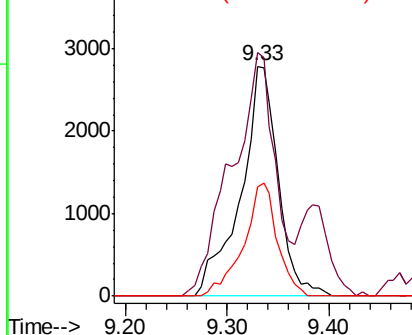


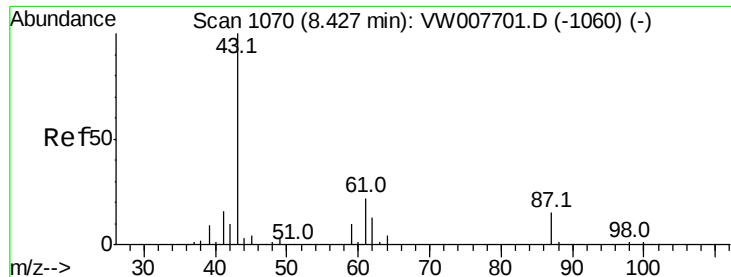
#39
Methylcyclohexane
Concen: 4.508 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW007757.D
Acq: 20 Dec 2018 19:42

Tgt Ion: 83 Resp: 7129
Ion Ratio Lower Upper
83 100
55 103.9 57.2 85.8#
98 47.7 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





#43

Isopropyl Acetate

Concen: 3.817 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(8-10)

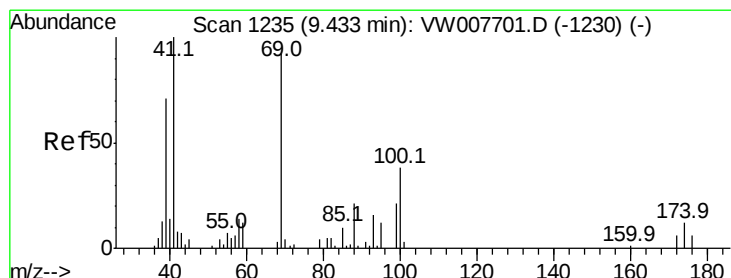
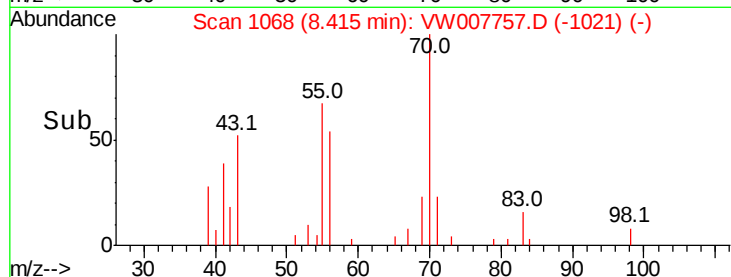
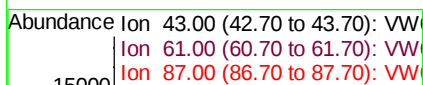
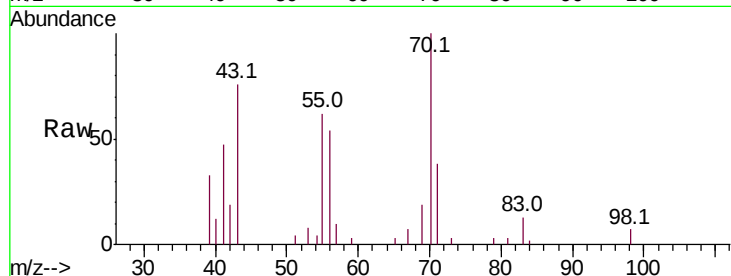
Tot Ion: 43 Resp: 3359

Ion Ratio Lower Upper

43 100

61 0.0 26.3 39.5#

87 0.0 12.0 18.0#



#48

Methyl methacrylate

Concen: 4.021 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.04 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

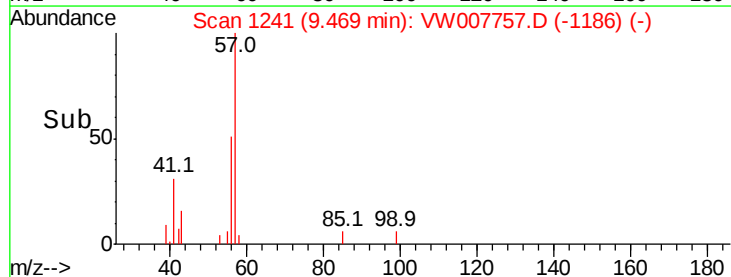
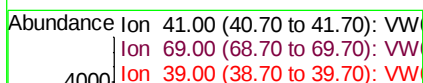
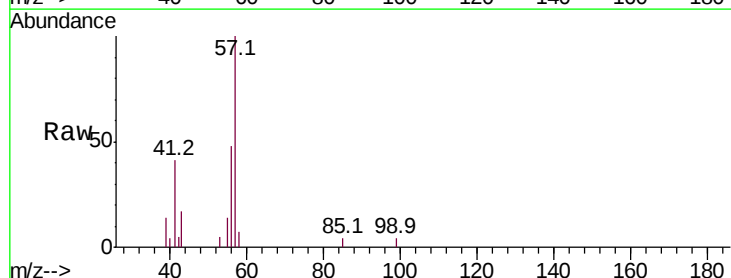
Tgt Ion: 41 Resp: 1766

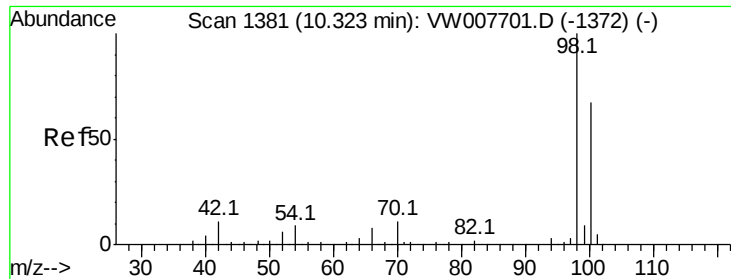
Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

39 31.7 53.9 80.9#

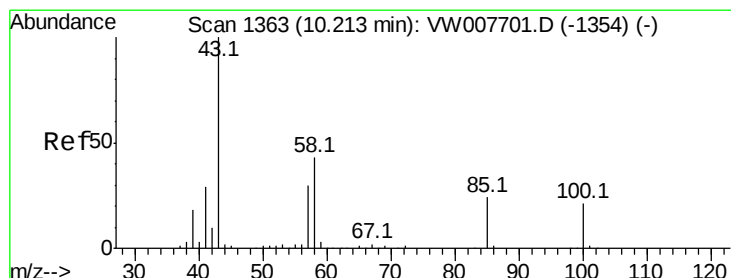
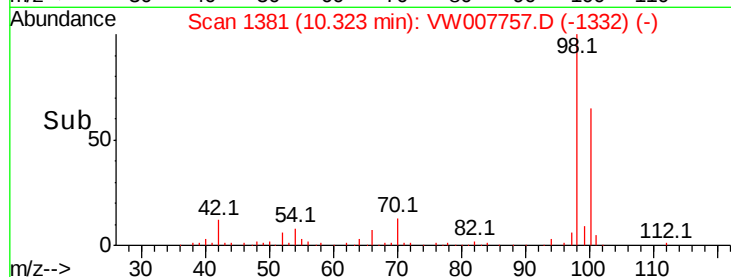
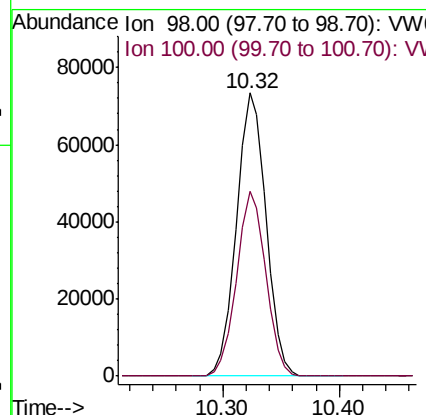
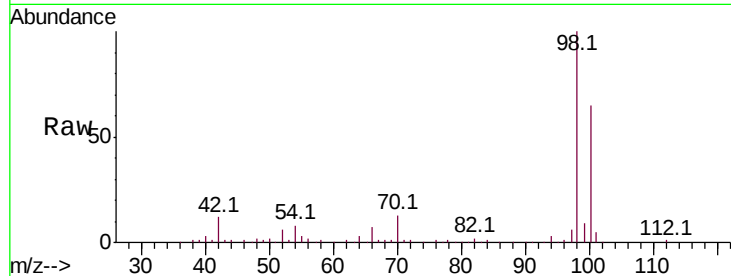




#50
Toluene-d8
Concen: 42.765 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007757.D
Acq: 20 Dec 2018 19:42

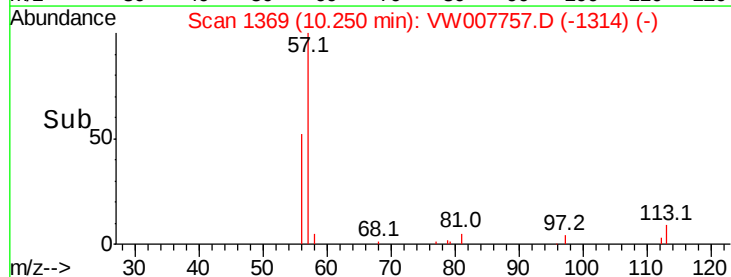
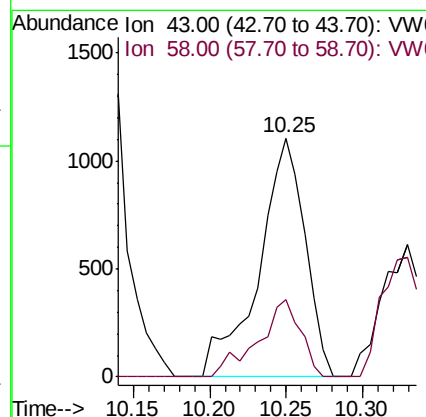
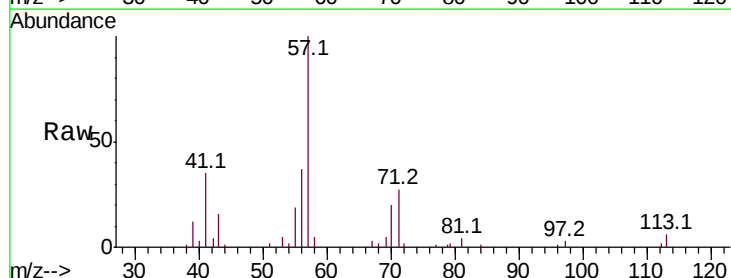
Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)

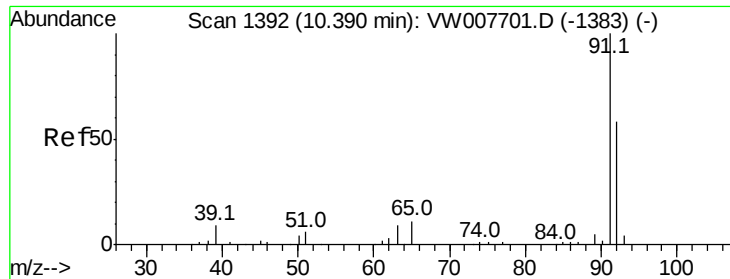
Tot Ion: 98 Resp: 129690
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 5.622 ug/l
RT: 10.25 min Scan# 1369
Delta R.T. 0.04 min
Lab File: VW007757.D
Acq: 20 Dec 2018 19:42

Tgt Ion: 43 Resp: 2338
Ion Ratio Lower Upper
43 100
58 29.6 33.2 49.8#





#52

Toluene

Concen: 5.948 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

Instrument :

MSVOA_W

ClientSampleId :

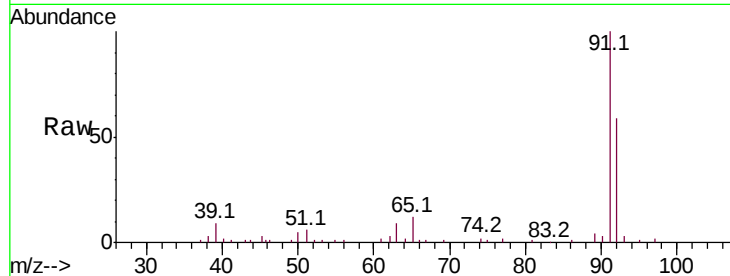
KY001SB106-121218-(8-10)

Tot Ion: 92 Resp: 13554

Ion Ratio Lower Upper

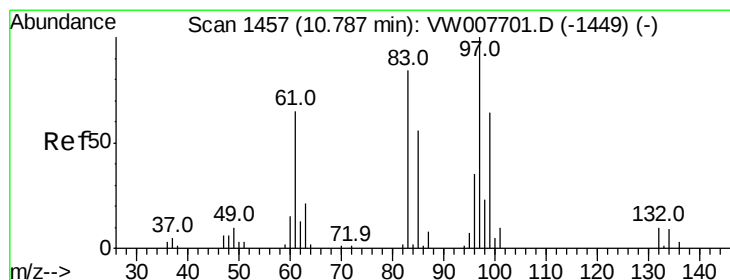
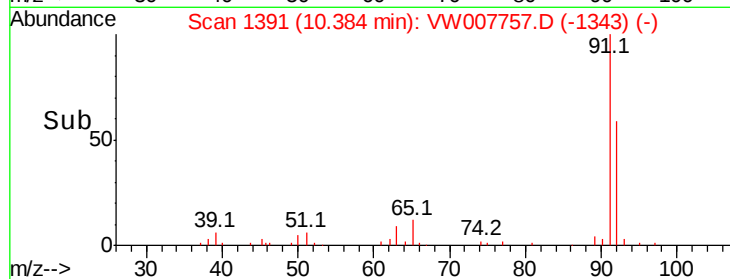
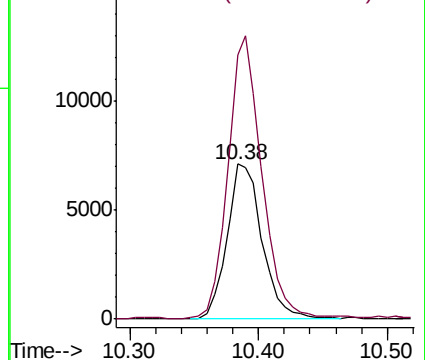
92 100

91 175.6 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#55

1,1,2-Trichloroethane

Concen: 5.571 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

Tgt Ion: 97 Resp: 3563

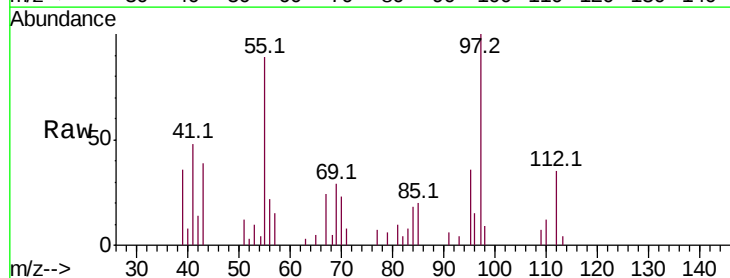
Ion Ratio Lower Upper

97 100

83 8.0 67.5 101.3#

85 20.3 44.8 67.2#

99 0.0 51.0 76.4#

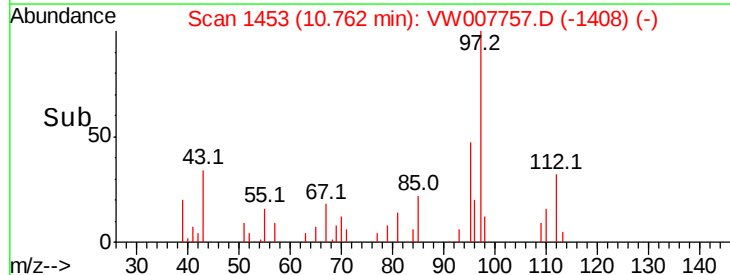
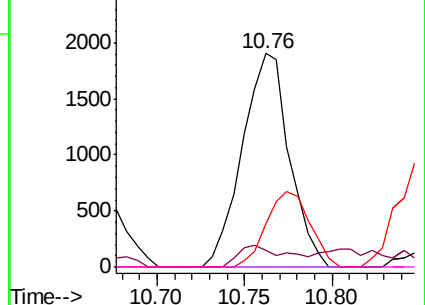


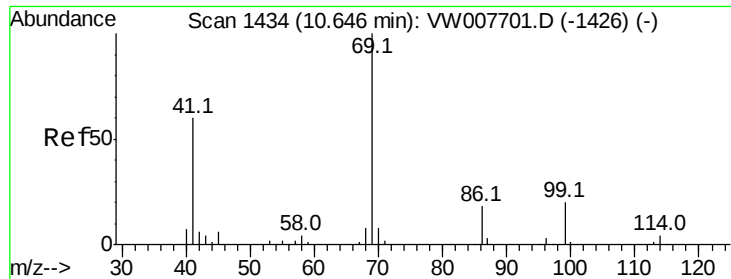
Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

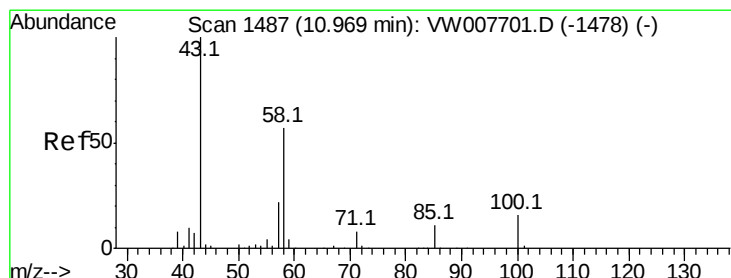
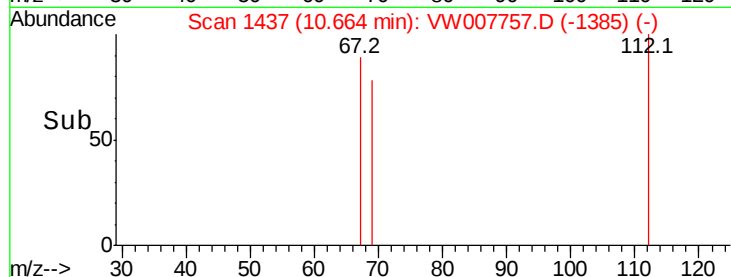
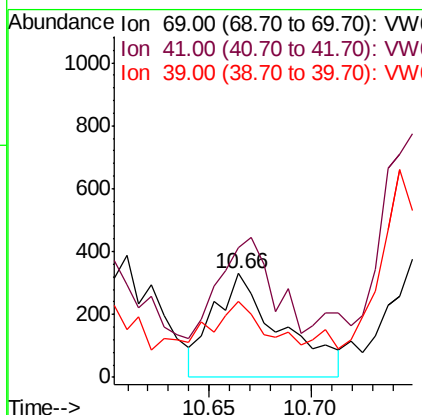
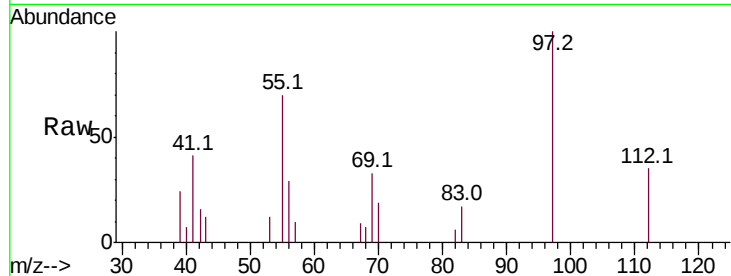




#56
Ethyl methacrylate
Concen: 1.002 ug/l
RT: 10.66 min Scan# 1437
Delta R.T. 0.02 min
Lab File: VW007757.D
Acq: 20 Dec 2018 19:42

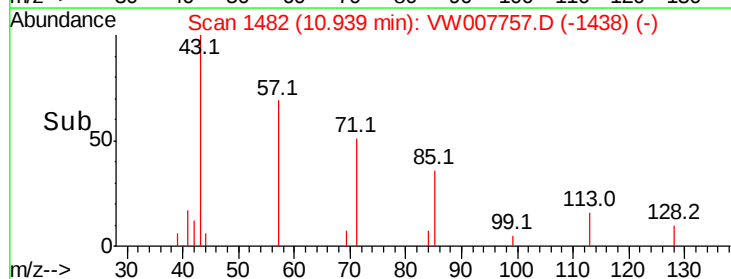
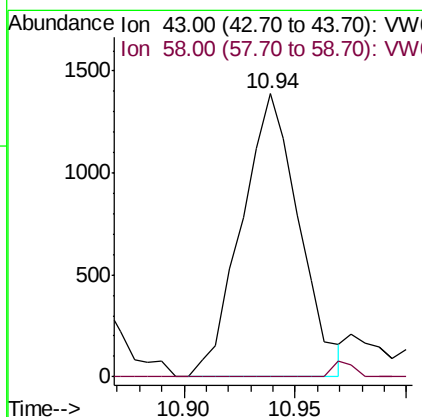
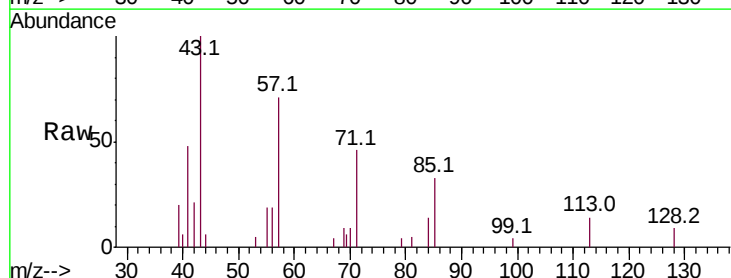
Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)

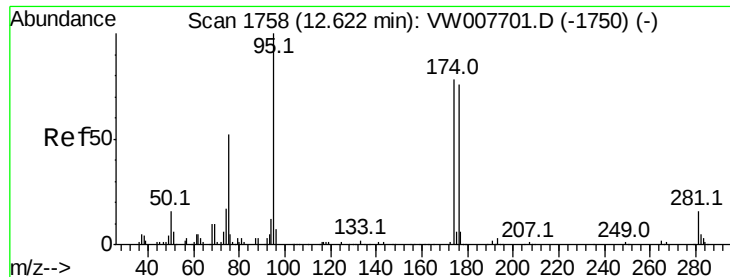
Tot Ion: 69 Resp: 757
Ion Ratio Lower Upper
69 100
41 109.8 48.9 73.3#
39 31.7 31.3 46.9



#59
2-Hexanone
Concen: 8.538 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW007757.D
Acq: 20 Dec 2018 19:42

Tgt Ion: 43 Resp: 2497
Ion Ratio Lower Upper
43 100
58 0.0 27.7 83.1#

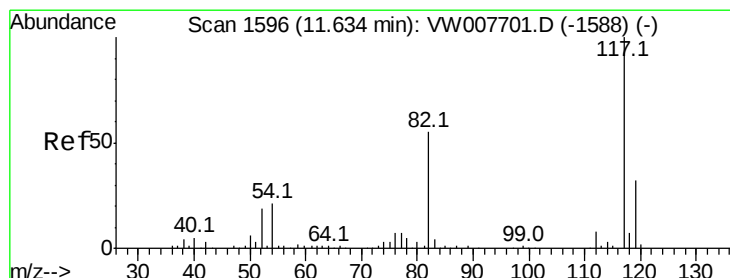
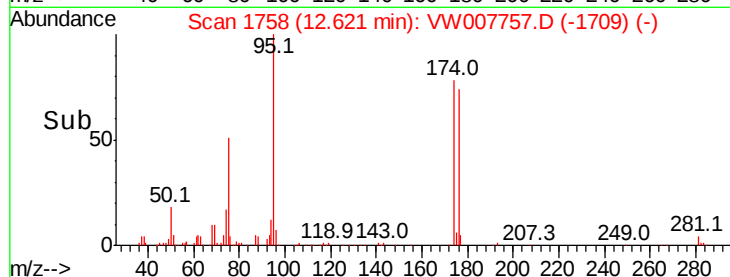
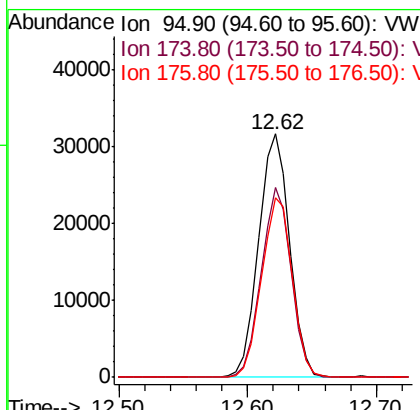
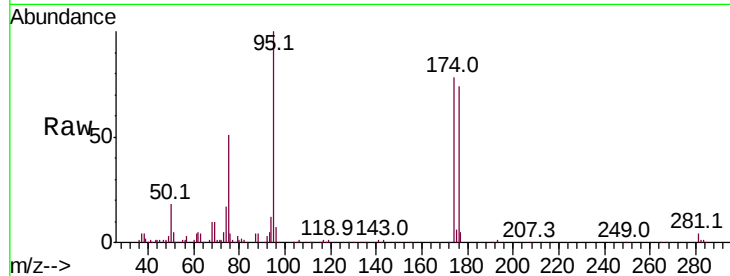




#62
4-Bromofluorobenzene
Concen: 44.875 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007757.D
Acq: 20 Dec 2018 19:42

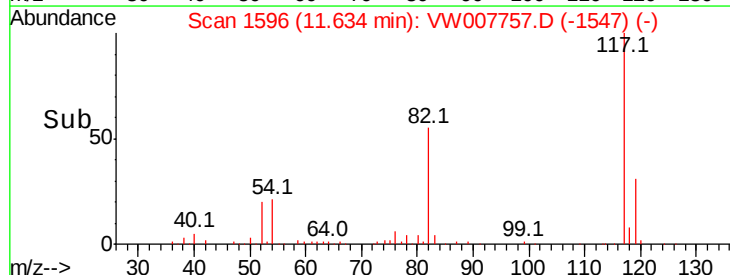
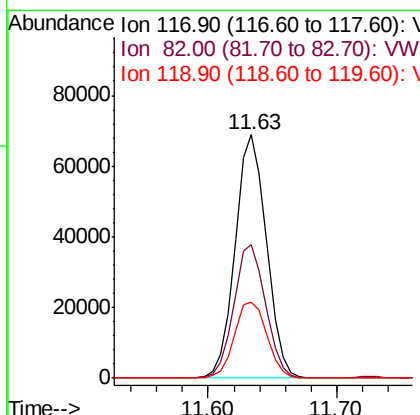
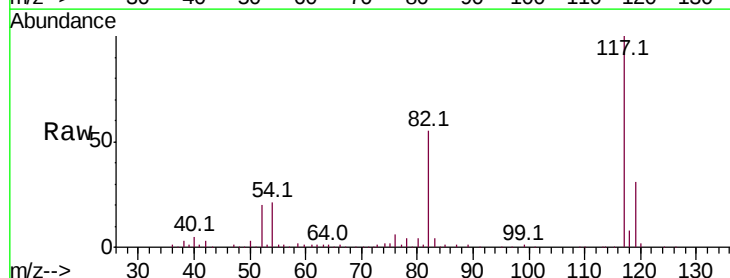
Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)

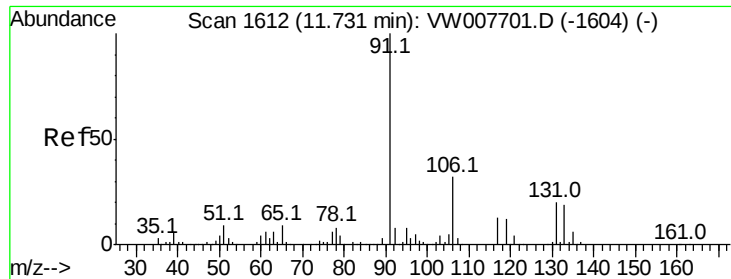
Tot Ion: 95 Resp: 52574
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.2
176 73.3 0.0 146.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007757.D
Acq: 20 Dec 2018 19:42

Tgt Ion: 117 Resp: 115674
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 31.4 25.7 38.5

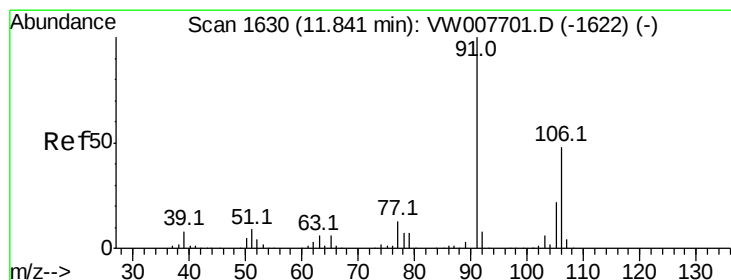
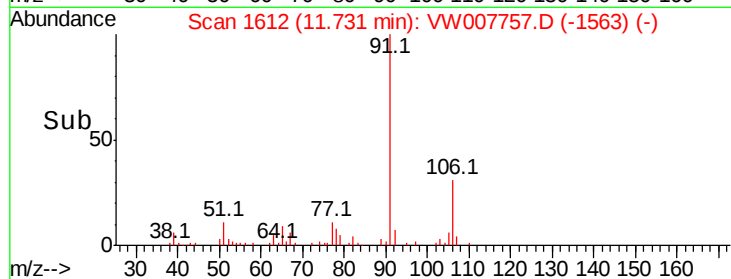
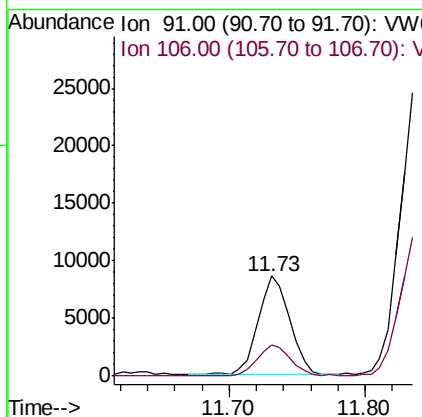
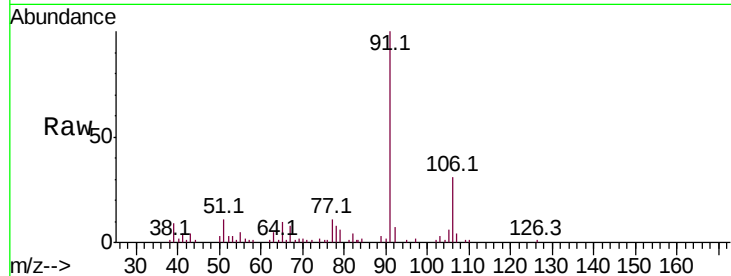




#67
Ethyl Benzene
Concen: 3.258 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007757.D
Acq: 20 Dec 2018 19:42

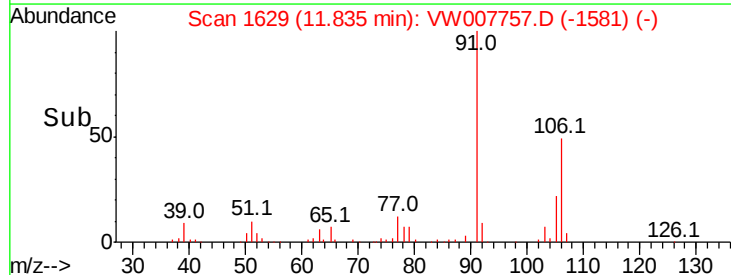
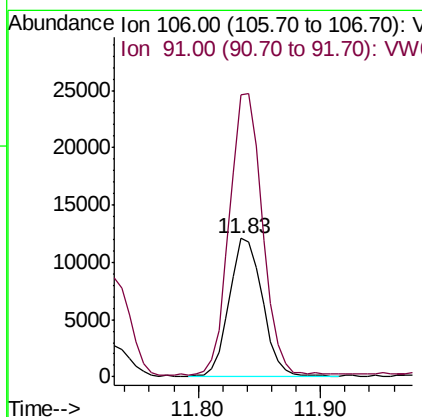
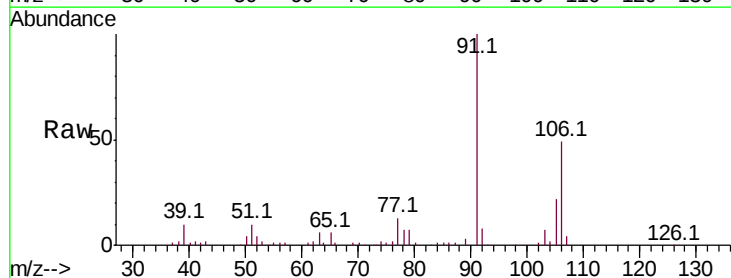
Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)

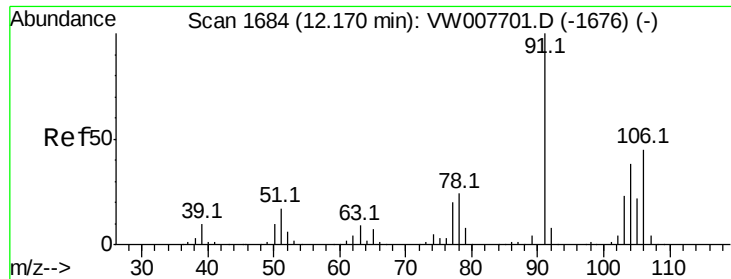
Tot Ion: 91 Resp: 13997
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.8



#68
m/p-Xylenes
Concen: 13.547 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007757.D
Acq: 20 Dec 2018 19:42

Tgt Ion:106 Resp: 22577
Ion Ratio Lower Upper
106 100
91 201.8 165.2 247.8

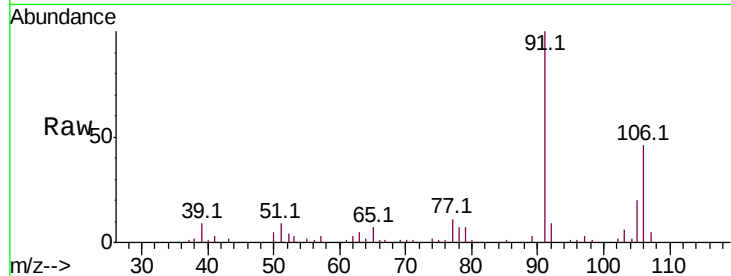




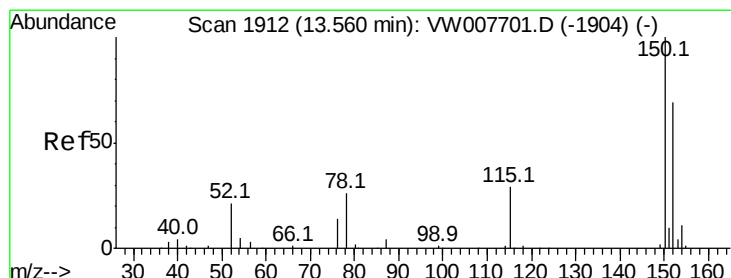
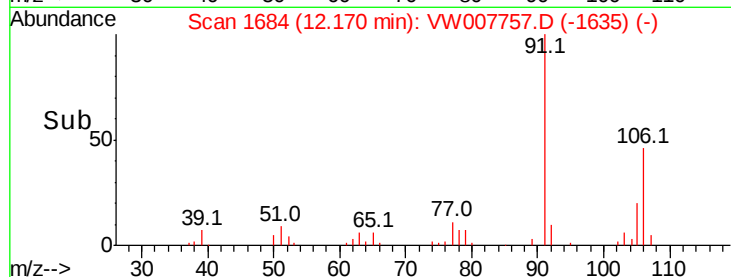
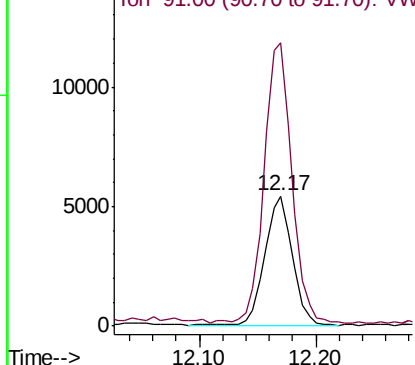
#69
o-Xylene
Concen: 5.870 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007757.D
Acq: 20 Dec 2018 19:42

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(8-10)

Tot Ion:106 Resp: 9171
Ion Ratio Lower Upper
106 100
91 209.6 110.5 331.4

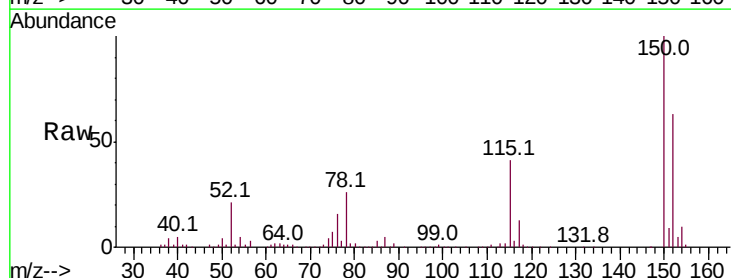


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

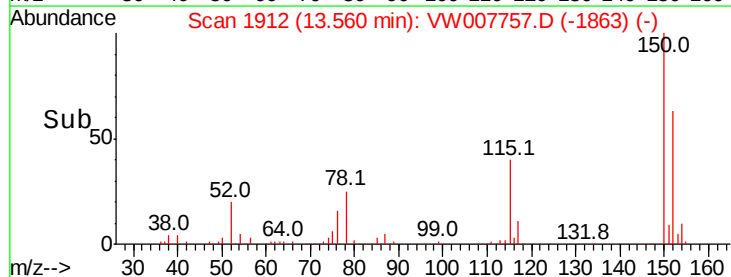
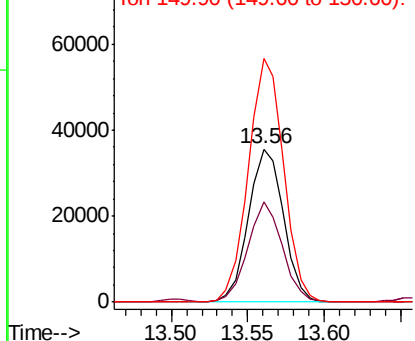


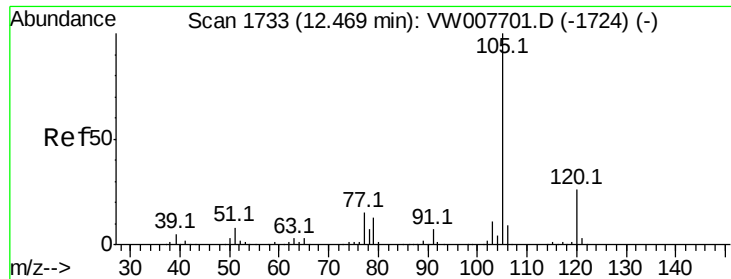
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007757.D
Acq: 20 Dec 2018 19:42

Tgt Ion:152 Resp: 57017
Ion Ratio Lower Upper
152 100
115 64.0 31.8 95.4
150 158.6 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: 7.041 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

Instrument :

MSVOA_W

ClientSampleId :

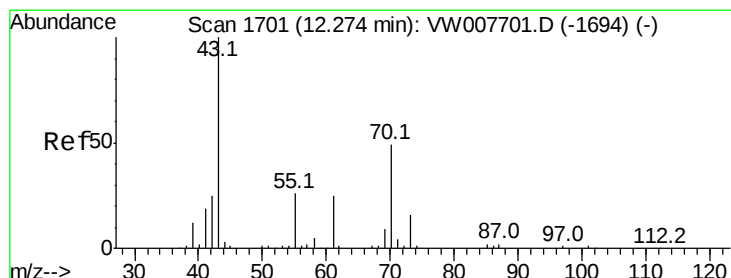
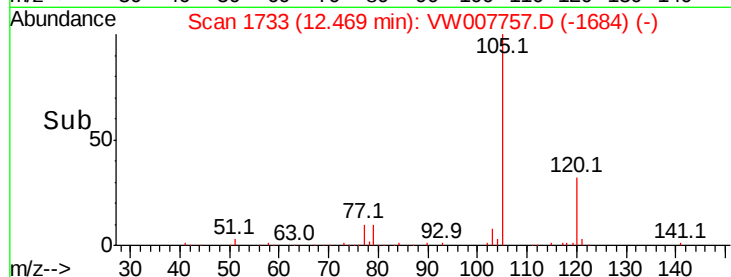
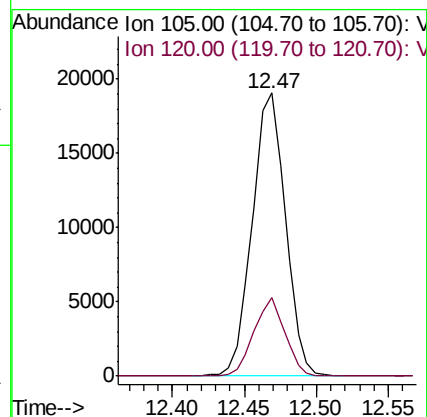
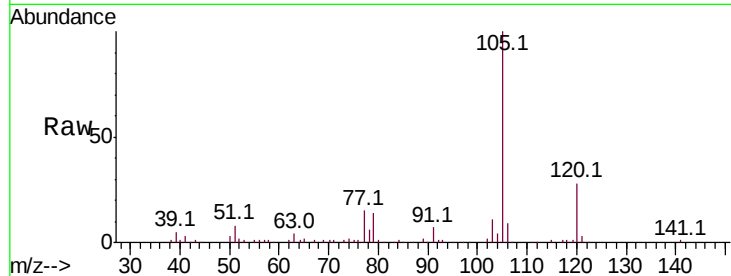
KY001SB106-121218-(8-10)

Tot Ion:105 Resp: 30347

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.3



#74

N-ethyl acetate

Concen: 1.155 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

Tgt Ion: 43 Resp: 862

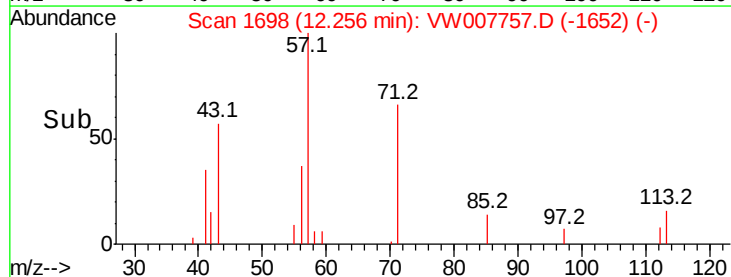
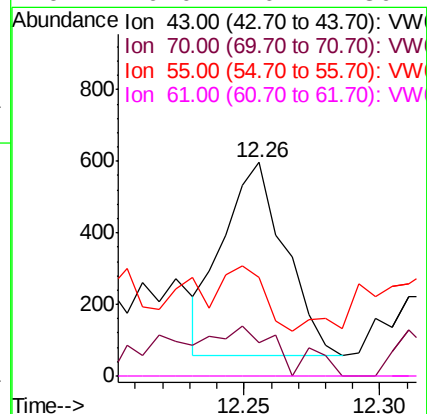
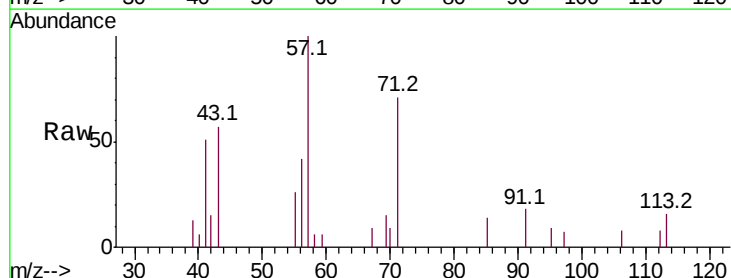
Ion Ratio Lower Upper

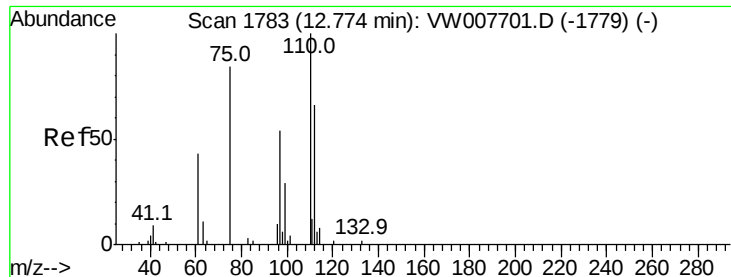
43 100

70 23.9 37.6 56.4#

55 22.3 21.7 32.5

61 0.0 20.1 30.1#





#76

1,2,3-Trichloropropane

Concen: 59.493 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

Instrument :

MSVOA_W

ClientSampleId :

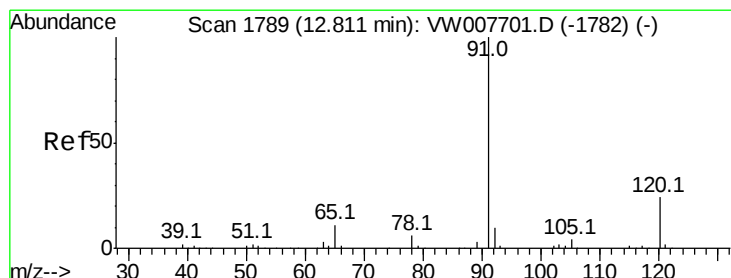
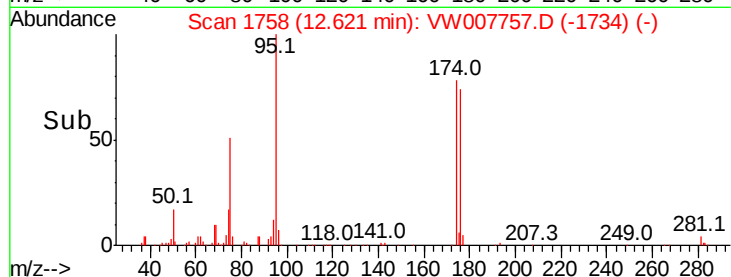
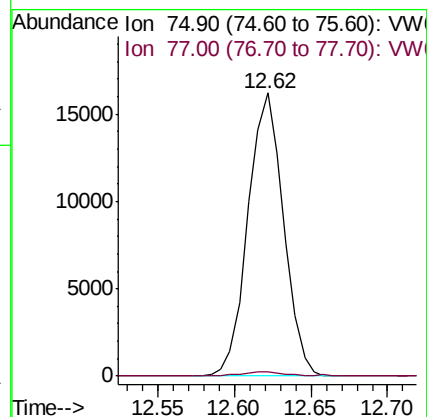
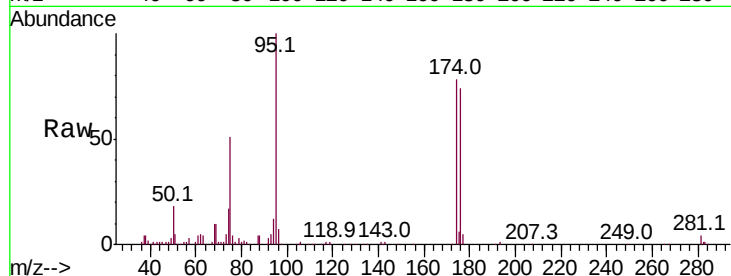
KY001SB106-121218-(8-10)

Tot Ion: 75 Resp: 26218

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#78

n-propylbenzene

Concen: 5.944 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007757.D

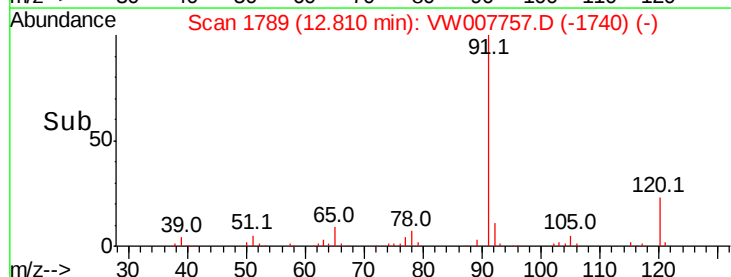
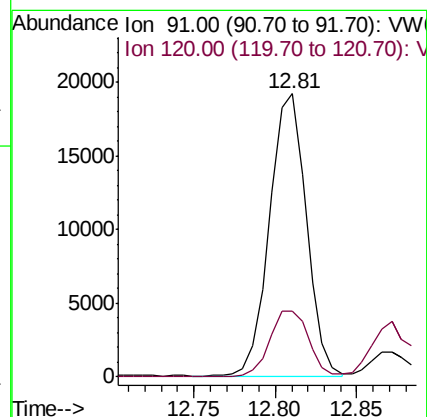
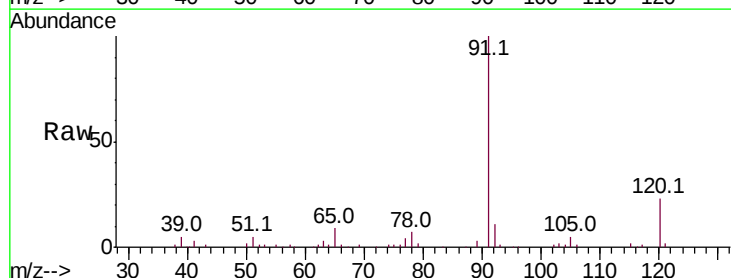
Acq: 20 Dec 2018 19:42

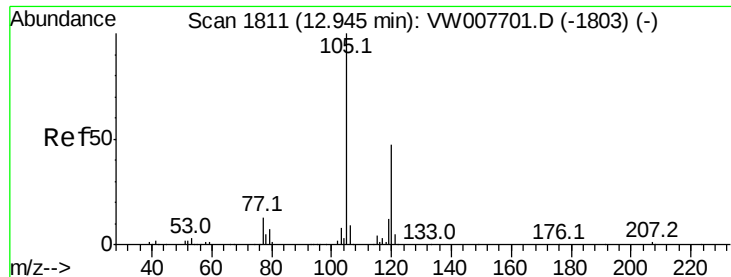
Tgt Ion: 91 Resp: 29819

Ion Ratio Lower Upper

91 100

120 25.3 11.9 35.7





#80

1,3,5-Trimethylbenzene

Concen: 2.666 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

Instrument :

MSVOA_W

ClientSampleId :

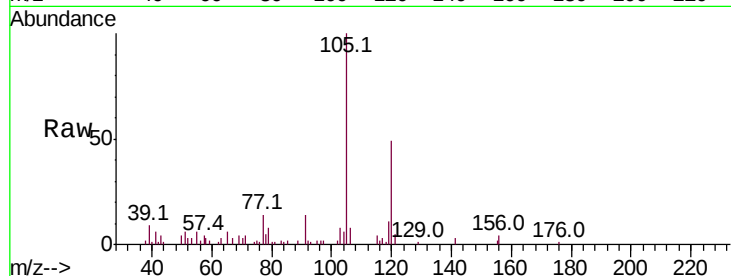
KY001SB106-121218-(8-10)

Tot Ion:105 Resp: 9912

Ion Ratio Lower Upper

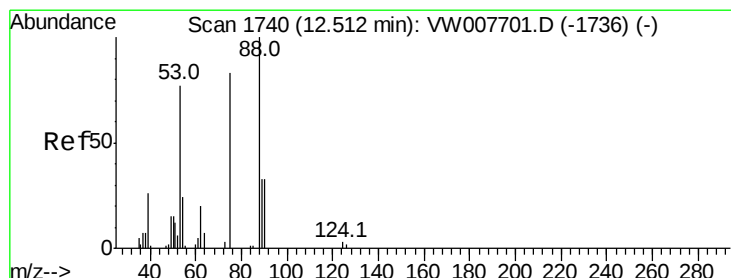
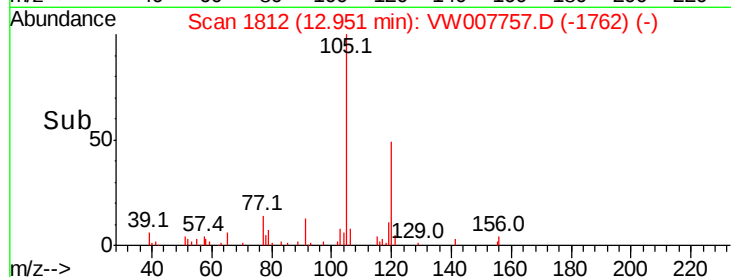
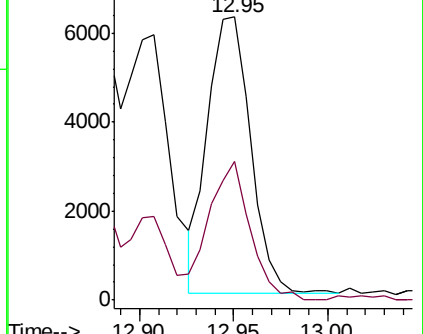
105 100

120 49.4 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 124.881 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

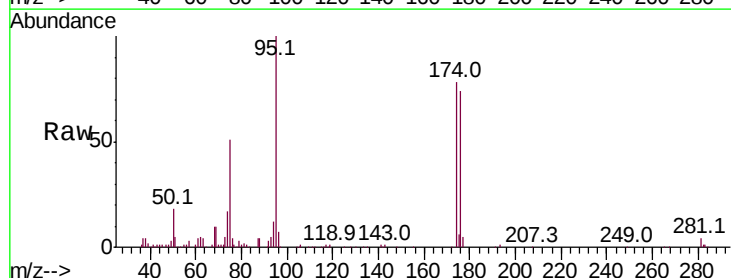
Tgt Ion: 75 Resp: 26218

Ion Ratio Lower Upper

75 100

53 0.4 80.2 120.2#

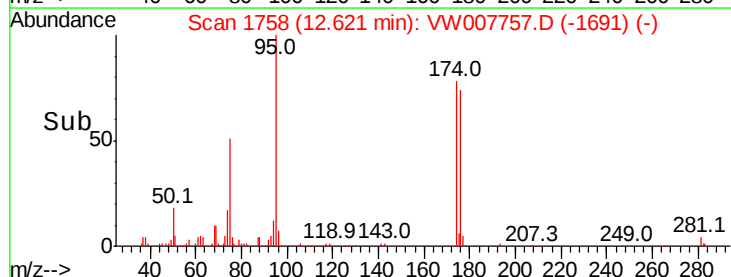
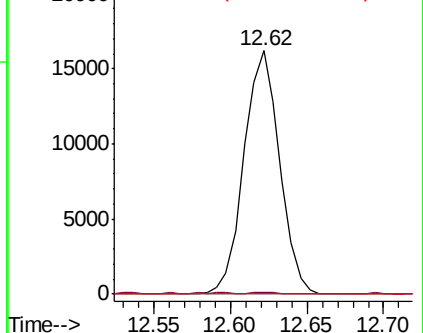
89 0.0 39.2 58.8#

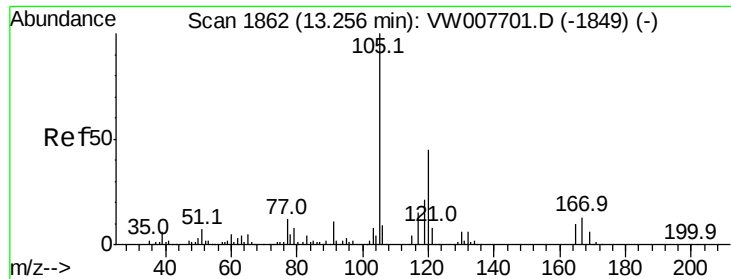


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

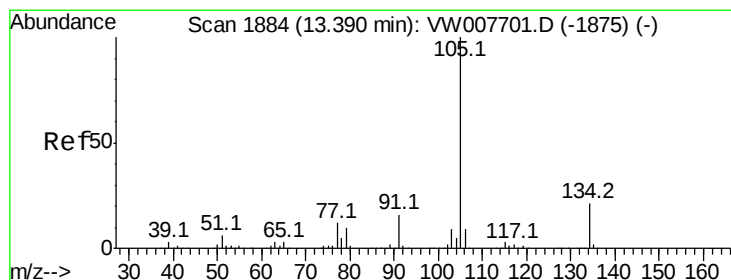
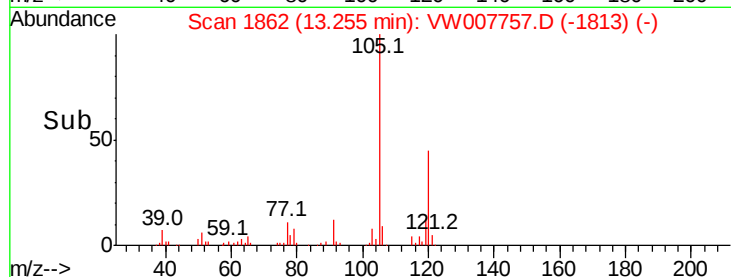
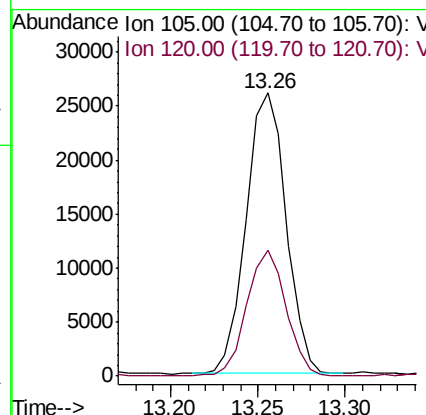
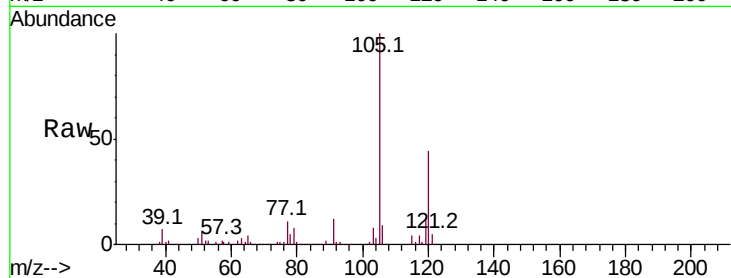




#84
 1,2,4-Trimethylbenzene
 Concen: 10.994 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007757.D
 Acq: 20 Dec 2018 19:42

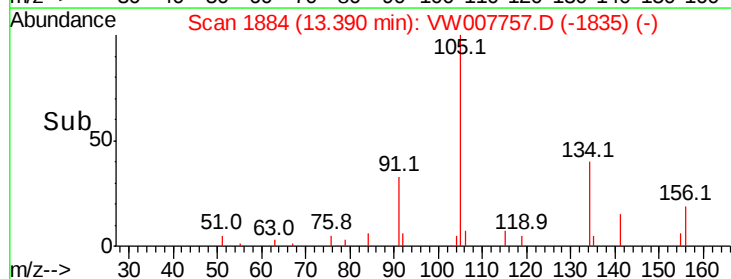
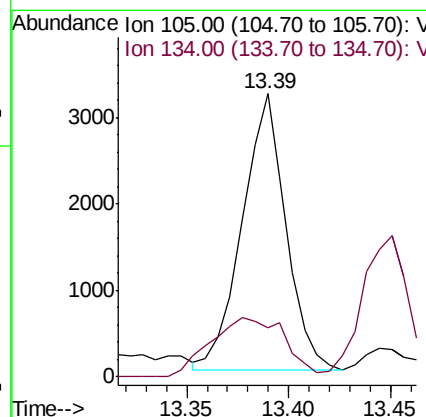
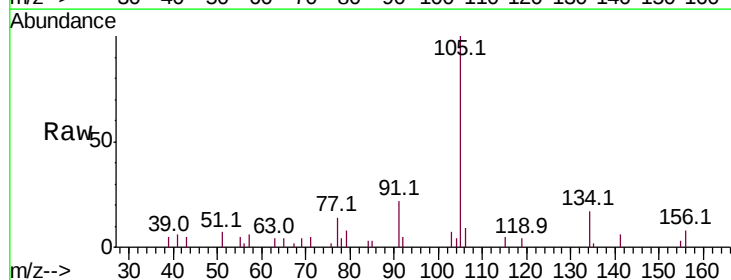
Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)

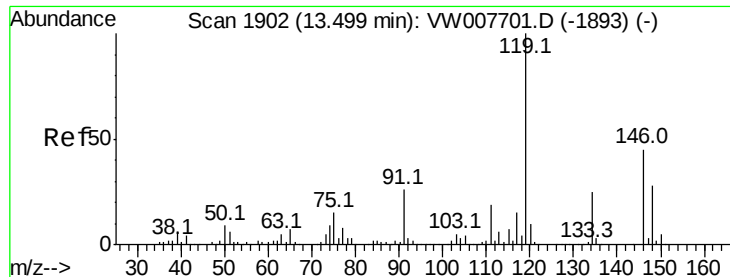
Tot Ion:105 Resp: 41242
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 1.052 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007757.D
 Acq: 20 Dec 2018 19:42

Tgt Ion:105 Resp: 4727
 Ion Ratio Lower Upper
 105 100
 134 36.7 10.2 30.4#

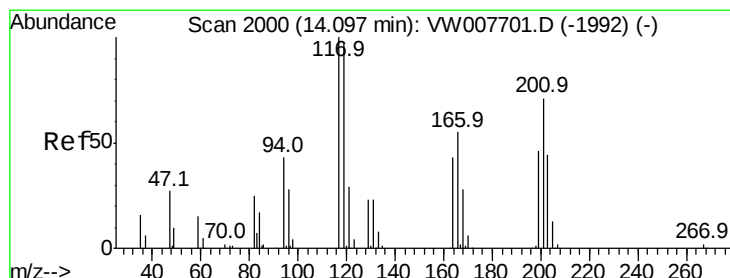
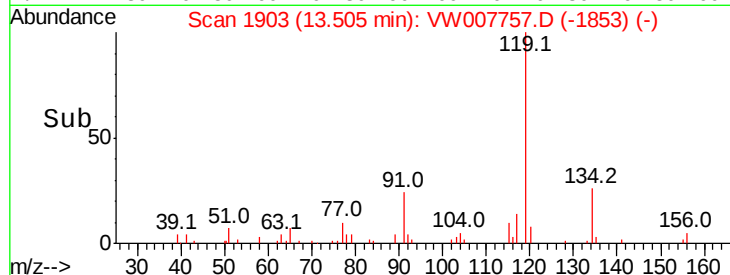
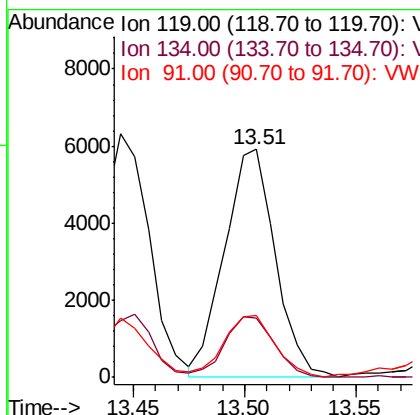
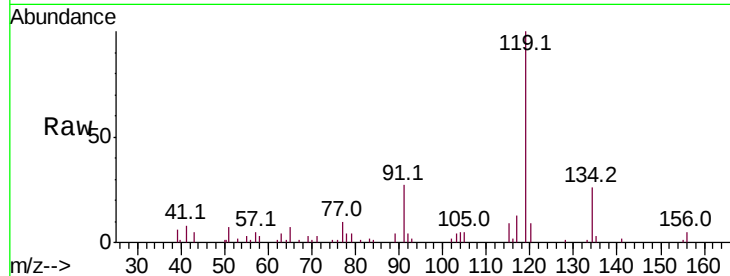




#86
 p-Isopropyltoluene
 Concen: 2.298 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007757.D
 Acq: 20 Dec 2018 19:42

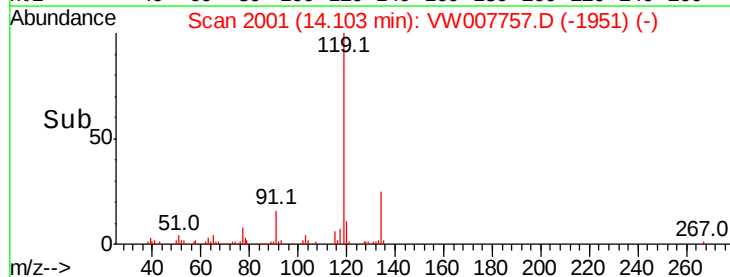
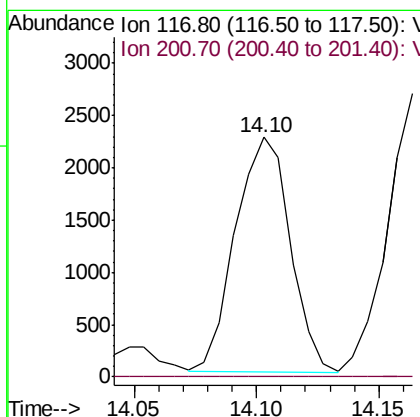
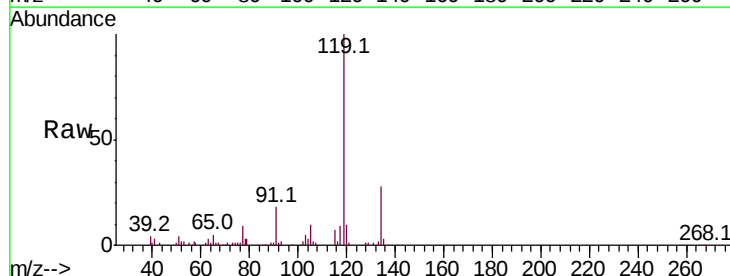
Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(8-10)

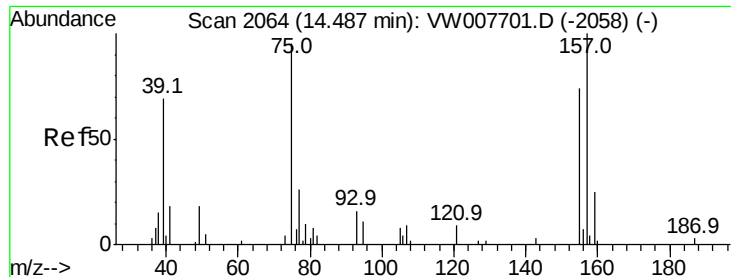
Tot Ion:119 Resp: 9392
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 27.4 12.8 38.4



#90
 Hexachloroethane
 Concen: 4.855 ug/l
 RT: 14.10 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: VW007757.D
 Acq: 20 Dec 2018 19:42

Tgt Ion:117 Resp: 3484
 Ion Ratio Lower Upper
 117 100
 201 0.0 36.2 108.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.522 ug/l

RT: 14.43 min Scan# 2054

Delta R.T. -0.06 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

Instrument :

MSVOA_W

ClientSampleId :

KY001SB106-121218-(8-10)

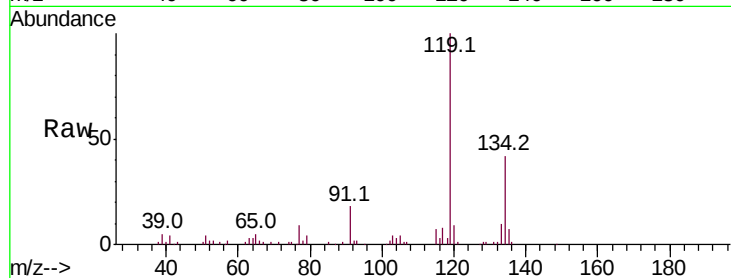
Tot Ion: 75 Resp: 202

Ion Ratio Lower Upper

75 100

155 0.0 39.4 118.1#

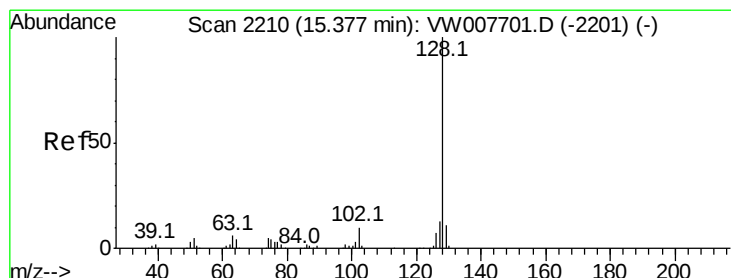
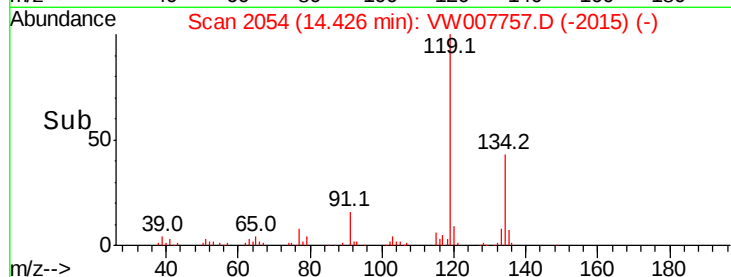
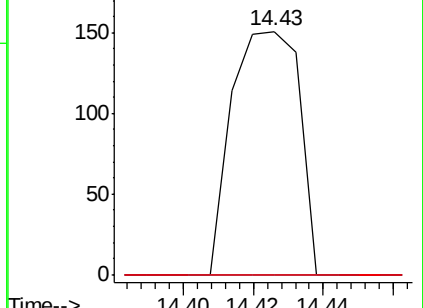
157 0.0 52.0 156.0#



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: 7.162 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007757.D

Acq: 20 Dec 2018 19:42

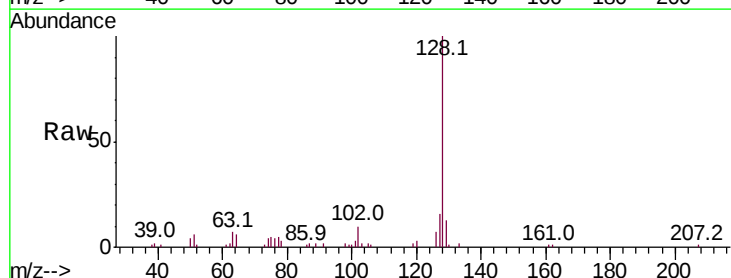
Tgt Ion: 128 Resp: 16139

Ion Ratio Lower Upper

128 100

127 15.0 10.7 16.1

129 13.1 8.8 13.2



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

