

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122218\
 Data File : VW007755.D
 Acq On : 20 Dec 2018 18:50
 Operator : SY/AP
 Sample : J6392-15
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB105-121218-(18-20)

Quant Time: Dec 21 03:54:21 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	86326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	142401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62574	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	44467	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
35) Dibromofluoromethane	7.88	113	40832	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
50) Toluene-d8	10.32	98	143764	43.90	ug/l	0.00
Spiked Amount			Recovery	=	87.80%	
62) 4-Bromofluorobenzene	12.62	95	58700	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	701	10.983	ug/l #	73
15) Acrylonitrile	5.43	53	259	1.587	ug/l #	26
16) Acetone	4.12	43	5658	31.934	ug/l #	85
19) Methyl tert-butyl Ether	5.43	73	10355	8.469	ug/l #	1
20) Methylene Chloride	4.92	84	3416	Below Cal		95
25) 2-Butanone	7.17	43	2553	12.302	ug/l #	81
31) Cyclohexane	7.95	56	6154	4.369	ug/l #	74
36) 1,1-Dichloropropene	7.95	75	6532	4.753	ug/l #	49
37) Ethyl Acetate	7.17	43	2553	5.382	ug/l #	68
38) Carbon Tetrachloride	7.95	117	9572	5.914	ug/l #	14
39) Methylcyclohexane	9.34	83	29894	17.504	ug/l	89
40) Benzene	8.32	78	27924	7.614	ug/l	97
43) Isopropyl Acetate	8.42	43	5543	5.833	ug/l #	49
47) Bromodichloromethane	9.62	83	1838	1.396	ug/l #	41
48) Methyl methacrylate	9.47	41	2417	5.095	ug/l #	23
51) 4-Methyl-2-Pentanone	10.26	43	8590	19.127	ug/l #	80
52) Toluene	10.39	92	27046	10.991	ug/l	98
55) 1,1,2-Trichloroethane	10.76	97	10341	14.974	ug/l #	28
56) Ethyl methacrylate	10.67	69	1727	2.116	ug/l #	12
59) 2-Hexanone	10.94	43	10024	31.737	ug/l #	31
67) Ethyl Benzene	11.73	91	42608	9.134	ug/l	99
68) m/p-Xylenes	11.84	106	61797	34.149	ug/l	99
69) o-Xylene	12.17	106	27043	15.942	ug/l	99
73) Isopropylbenzene	12.47	105	199859	42.254	ug/l	100
74) N-amyl acetate	12.26	43	4194	5.119	ug/l #	58
76) 1,2,3-Trichloropropane	12.81	75	1439	2.975	ug/l #	100
78) n-propylbenzene	12.81	91	231346	42.018	ug/l	100
79) 2-Chlorotoluene	12.81	91	231346	72.128	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	31931	7.826	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.47	75	2487	10.794	ug/l #	57
82) 4-Chlorotoluene	12.81	91	231346	67.740	ug/l #	42
83) tert-Butylbenzene	13.21	119	5214	1.457	ug/l	91
84) 1,2,4-Trimethylbenzene	13.26	105	130156	31.616	ug/l	99
85) sec-Butylbenzene	13.39	105	31293	6.343	ug/l #	61

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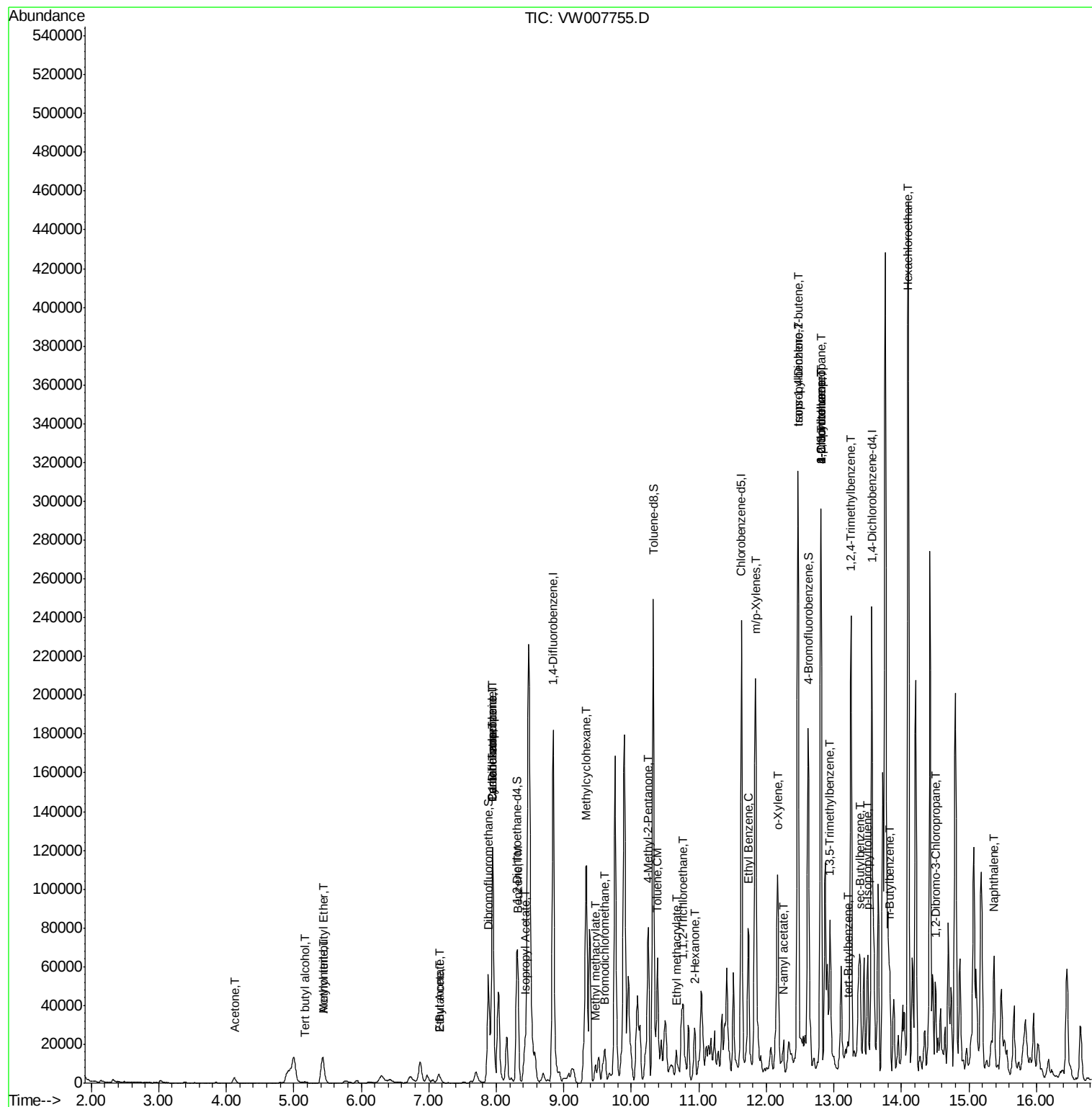
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.50	119	28821	6.424	ug/l	99
89) n-Butylbenzene	13.83	91	33615	8.172	ug/l #	76
90) Hexachloroethane	14.10	117	22187	28.171	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.51	75	236	1.620	ug/l #	3
95) Naphthalene	15.37	128	48112	19.455	ug/l	96

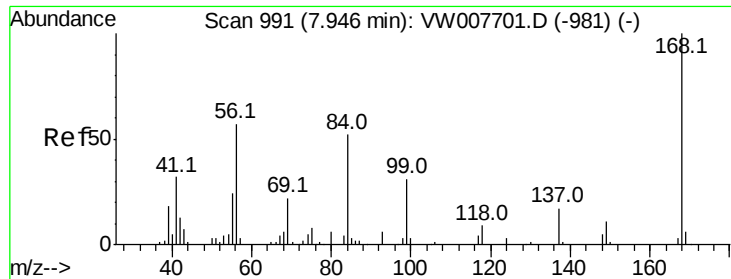
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VW007755.D

Acq: 20 Dec 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

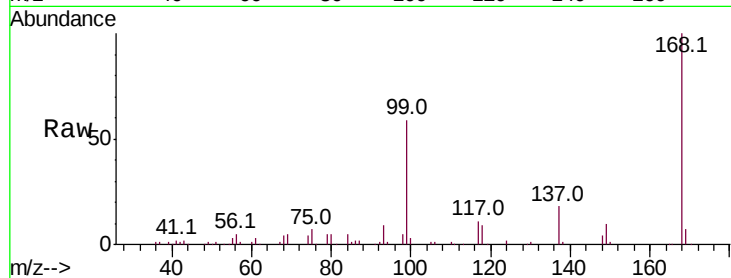
KY001SB105-121218-(18-20)

Tot Ion:168 Resp: 86326

Ion Ratio Lower Upper

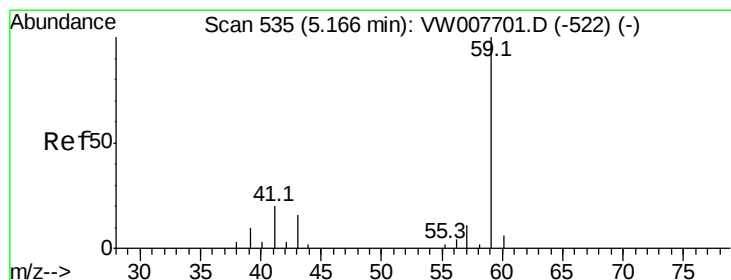
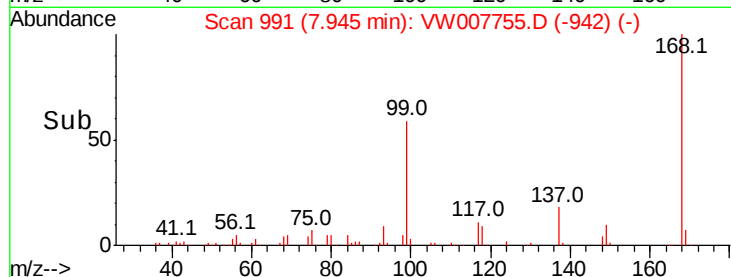
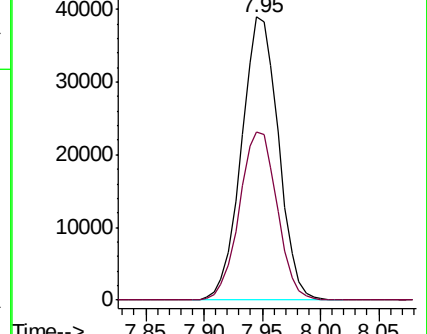
168 100

99 59.5 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 10.983 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW007755.D

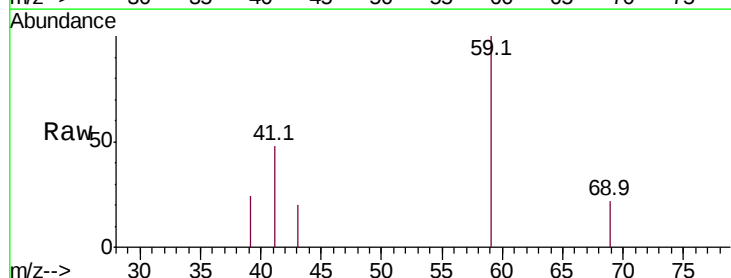
Acq: 20 Dec 2018 18:50

Tgt Ion: 59 Resp: 701

Ion Ratio Lower Upper

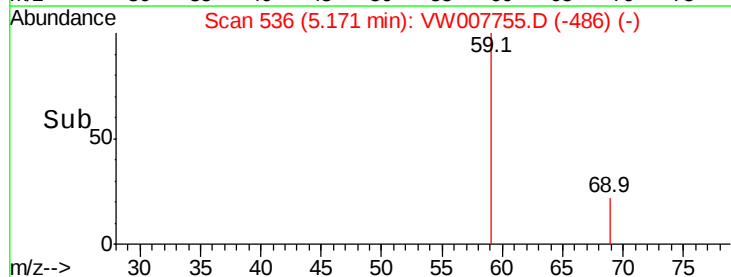
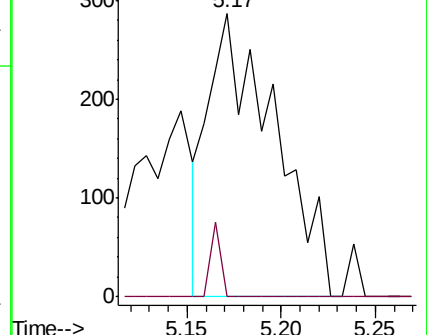
59 100

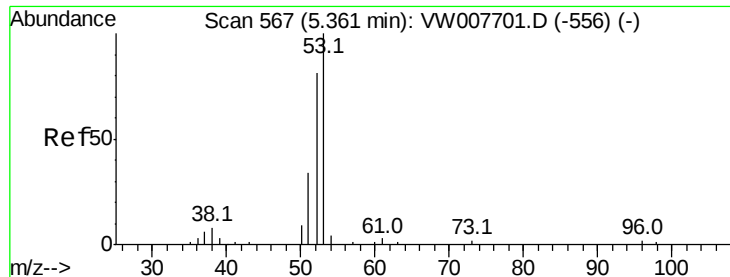
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#15

Acrylonitrile

Concen: 1.587 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.07 min

Lab File: VW007755.D

Acq: 20 Dec 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

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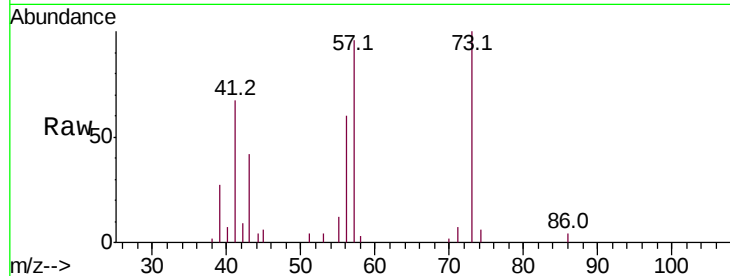
Tot Ion: 53 Resp: 259

Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.4#

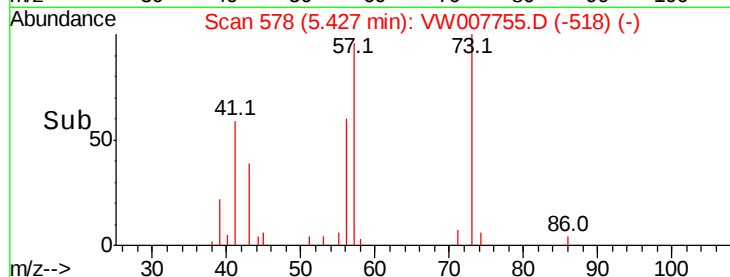
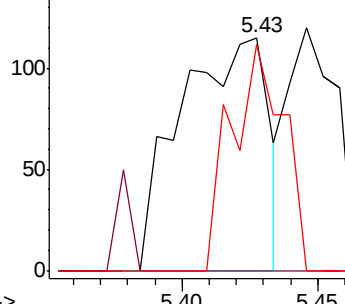
51 57.5 30.2 45.2#



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



#16

Acetone

Concen: 31.934 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007755.D

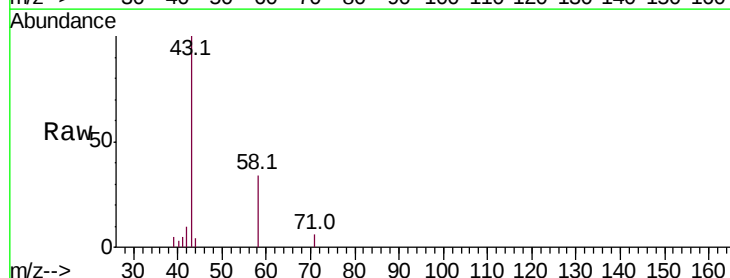
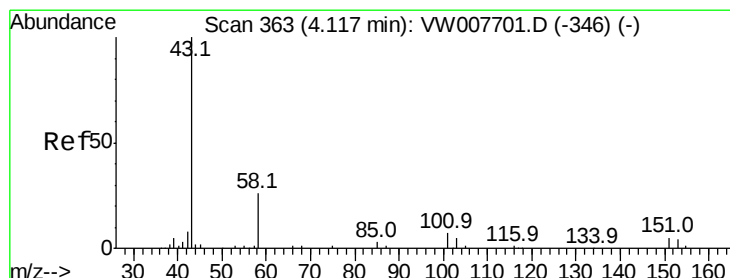
Acq: 20 Dec 2018 18:50

Tgt Ion: 43 Resp: 5658

Ion Ratio Lower Upper

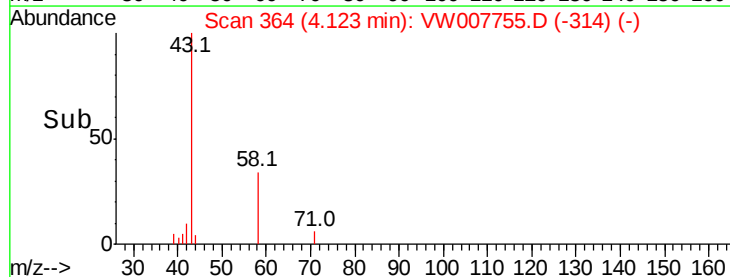
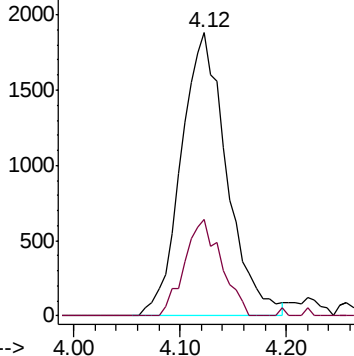
43 100

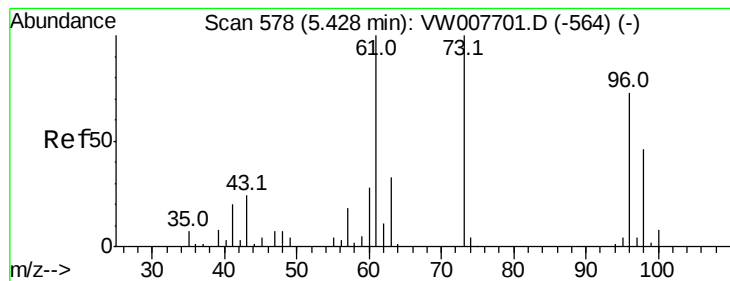
58 34.3 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



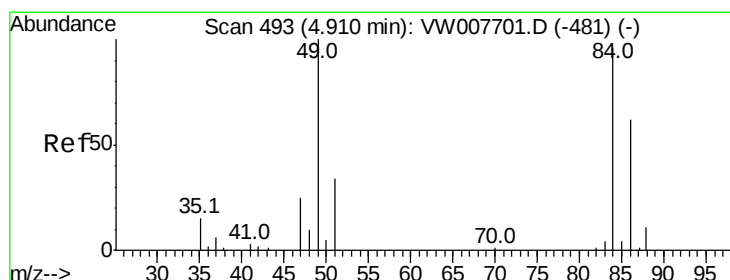
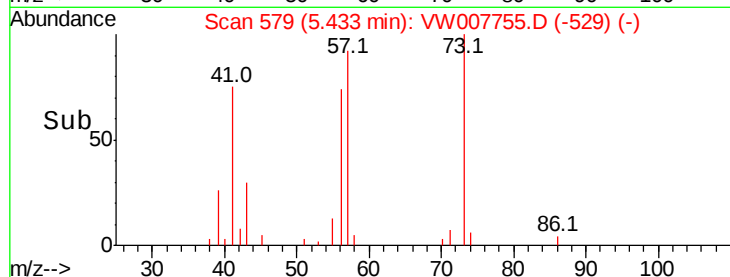
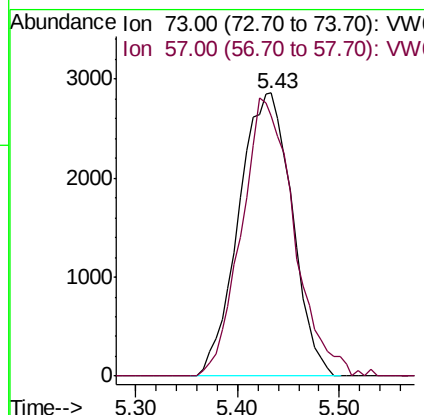
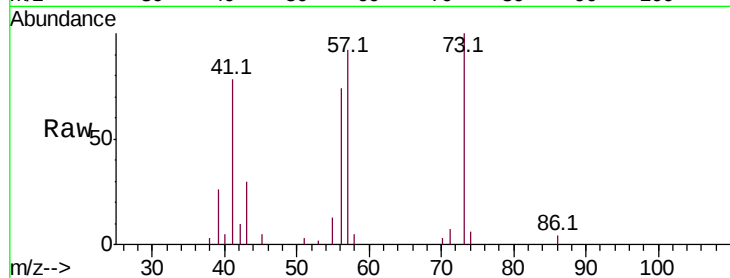


#19

Methyl tert-butyl Ether
 Concen: 8.469 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW007755.D
 Acq: 20 Dec 2018 18:50

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 ClientSampleId :
 KY001SB105-121218-(18-20)

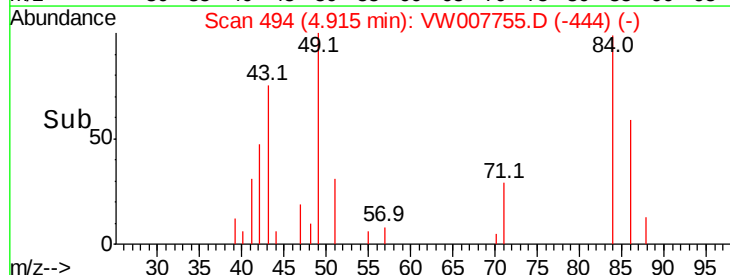
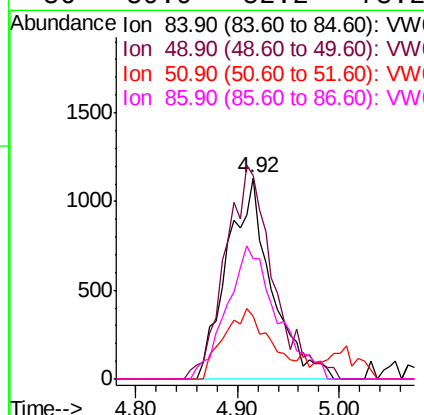
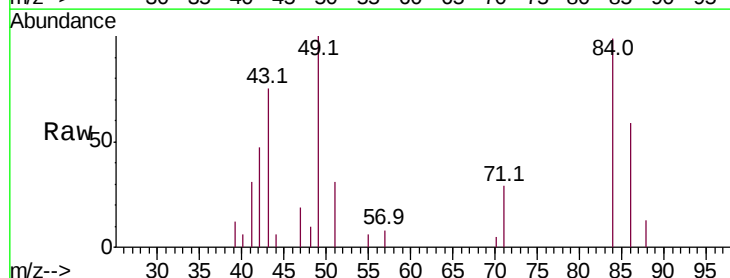
Tot Ion: 73 Resp: 10355
 Ion Ratio Lower Upper
 73 100
 57 91.9 14.7 22.1#

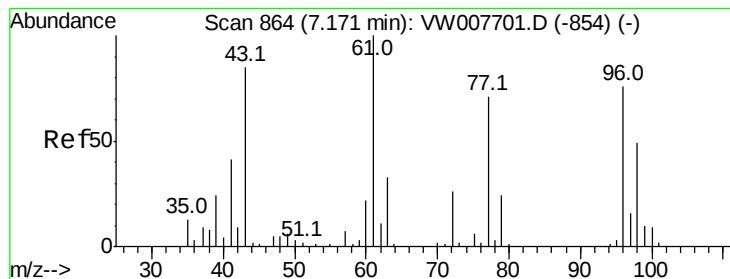


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.92 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VW007755.D
 Acq: 20 Dec 2018 18:50

Tgt Ion: 84 Resp: 3416
 Ion Ratio Lower Upper
 84 100
 49 101.1 83.7 125.5
 51 31.1 28.2 42.2
 86 59.9 52.2 78.2





#25

2-Butanone

Concen: 12.302 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007755.D

Acq: 20 Dec 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

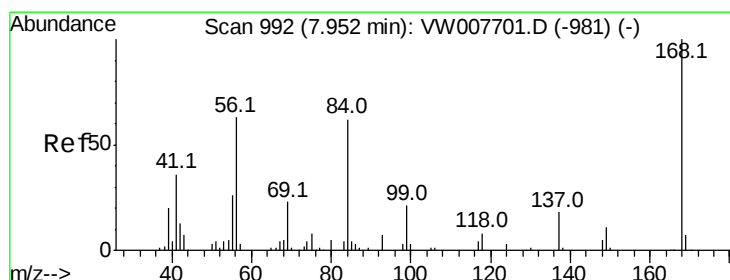
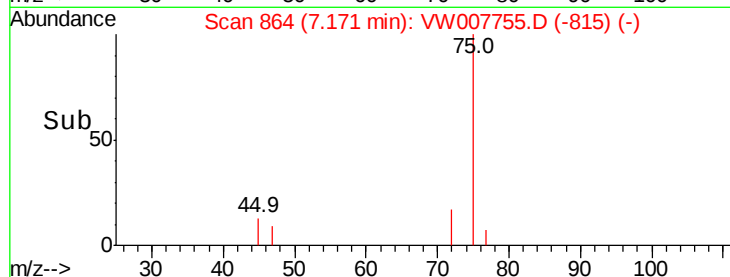
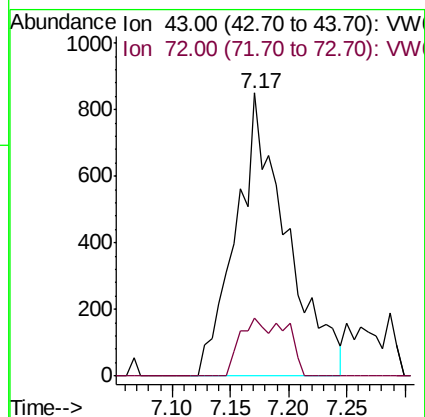
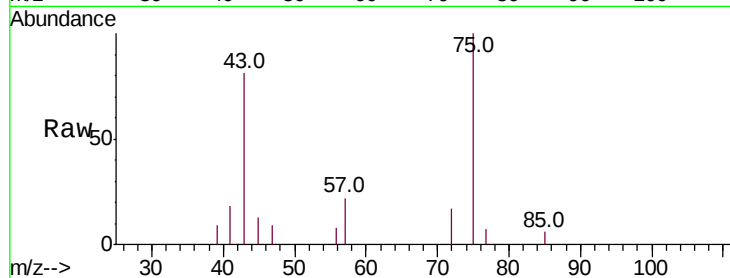
KY001SB105-121218-(18-20)

Tot Ion: 43 Resp: 2553

Ion Ratio Lower Upper

43 100

72 20.5 24.5 36.7#



#31

Cyclohexane

Concen: 4.369 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007755.D

Acq: 20 Dec 2018 18:50

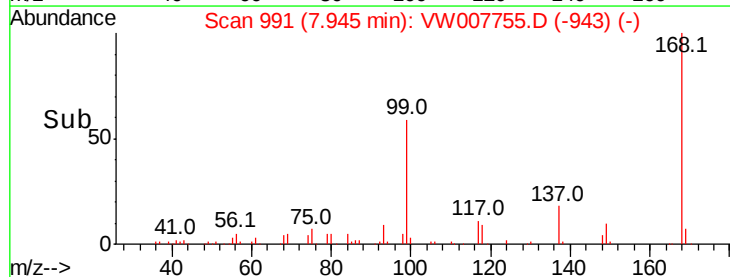
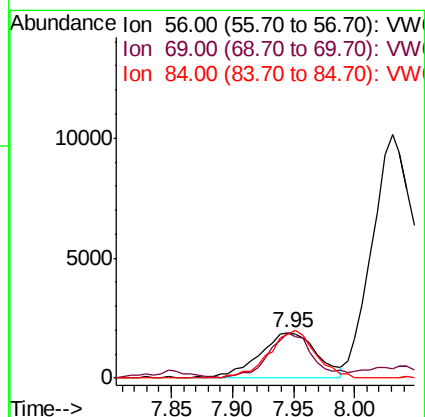
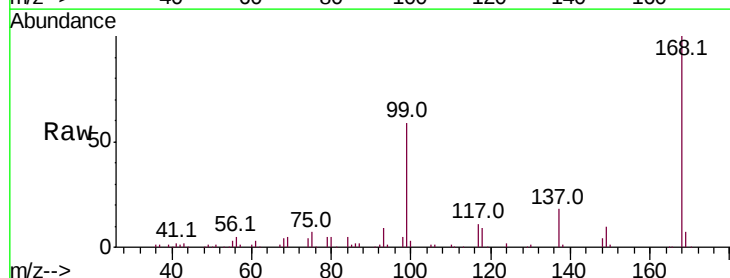
Tgt Ion: 56 Resp: 6154

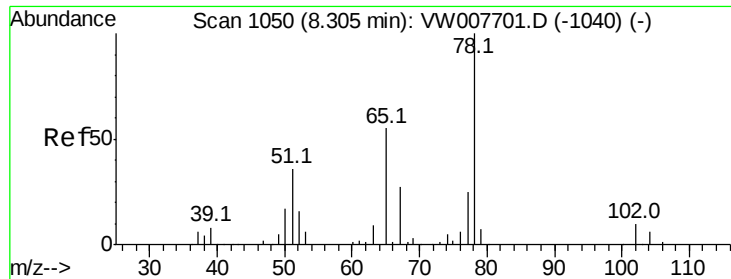
Ion Ratio Lower Upper

56 100

69 91.5 29.7 44.5#

84 96.7 78.9 118.3

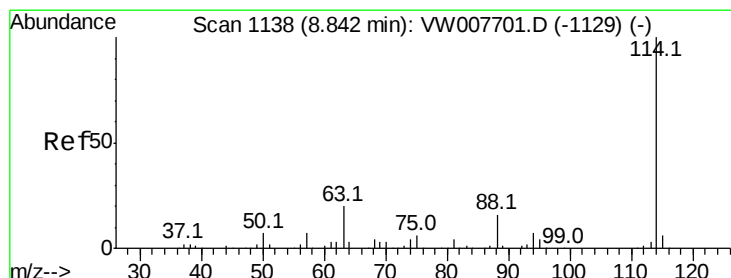
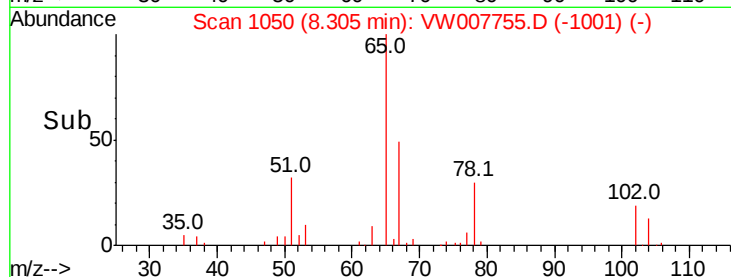
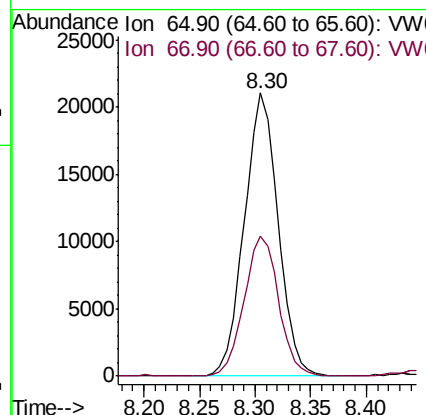
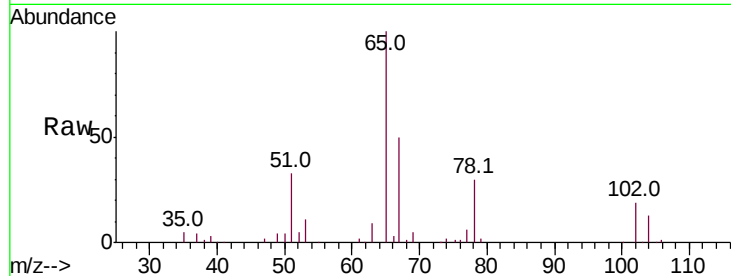




#33
 1,2-Dichloroethane-d4
 Concen: 46.997 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007755.D
 Acq: 20 Dec 2018 18:50

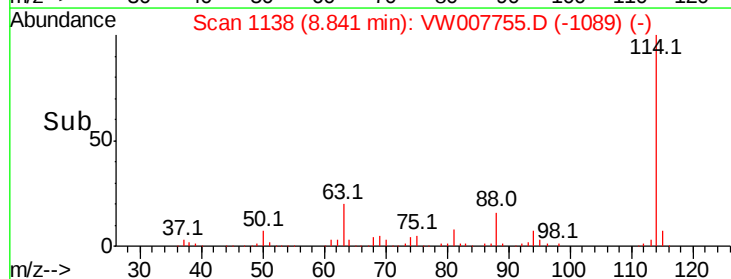
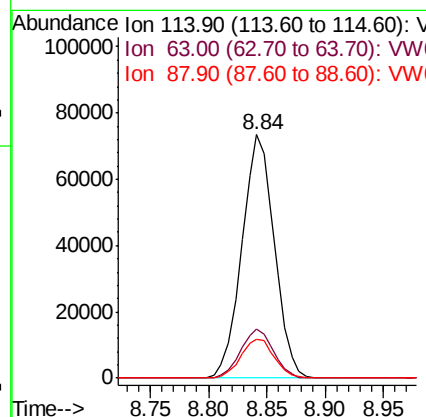
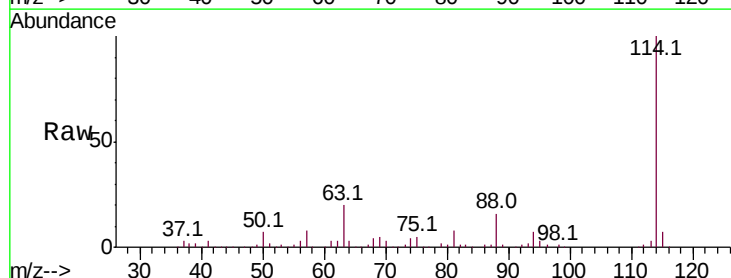
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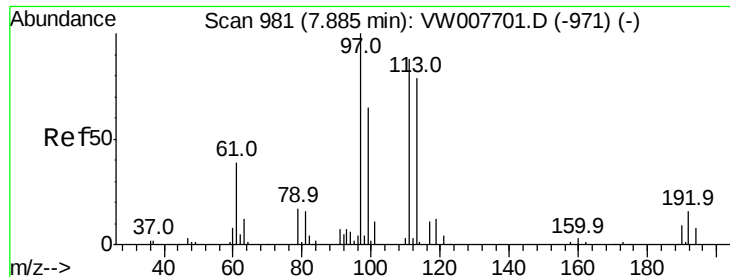
Tot Ion: 65 Resp: 44467
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007755.D
 Acq: 20 Dec 2018 18:50

Tgt Ion: 114 Resp: 142401
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.9 0.0 32.6

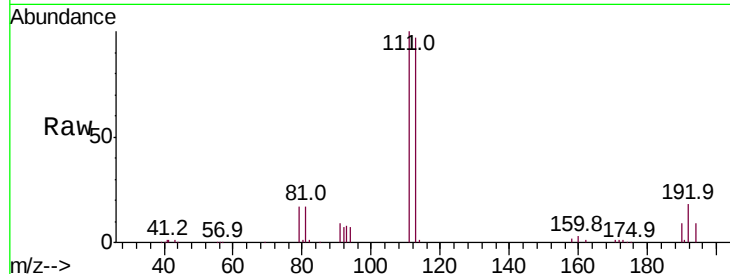




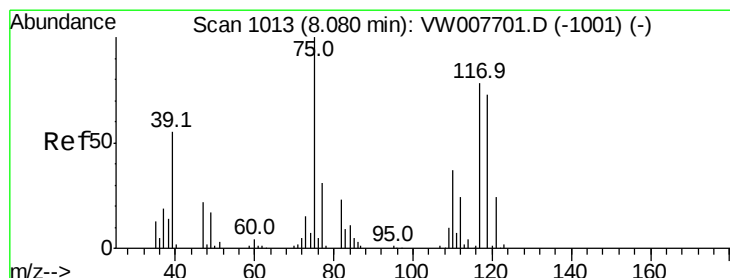
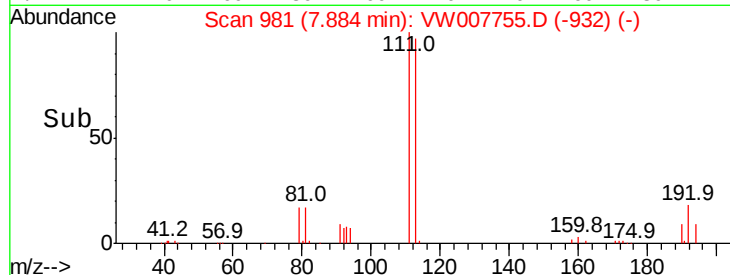
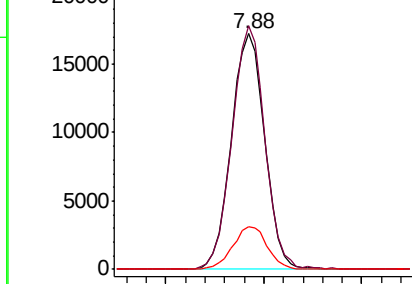
#35
 Dibromofluoromethane
 Concen: 47.003 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007755.D
 Acq: 20 Dec 2018 18:50

Instrument :
 MSVOA_W
 ClientSampleId :
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Tot Ion:113 Resp: 40832
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.6 124.0
 192 18.5 15.5 23.3

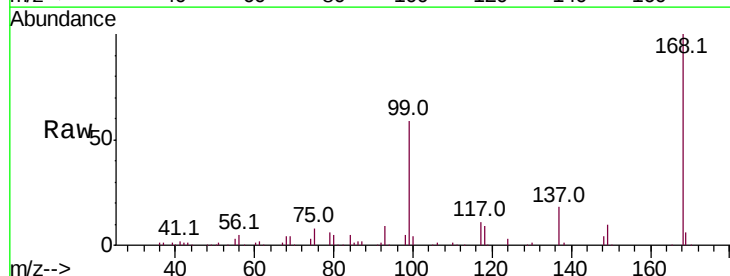


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

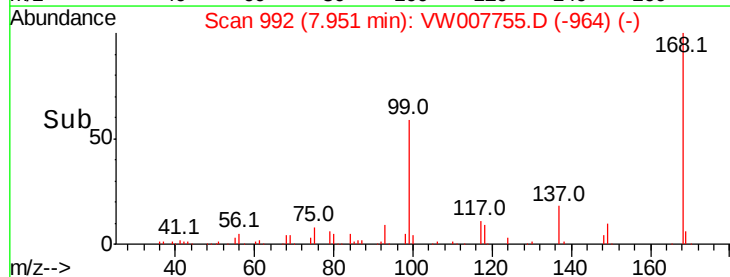
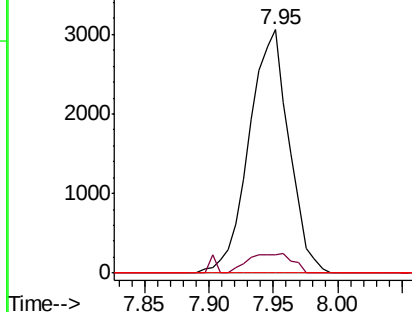


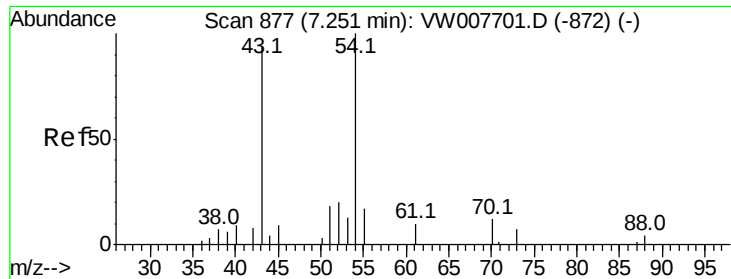
#36
 1,1-Dichloropropene
 Concen: 4.753 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007755.D
 Acq: 20 Dec 2018 18:50

Tgt Ion: 75 Resp: 6532
 Ion Ratio Lower Upper
 75 100
 110 9.0 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





#37

Ethyl Acetate

Concen: 5.382 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.08 min

Lab File: VW007755.D

Acq: 20 Dec 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(18-20)

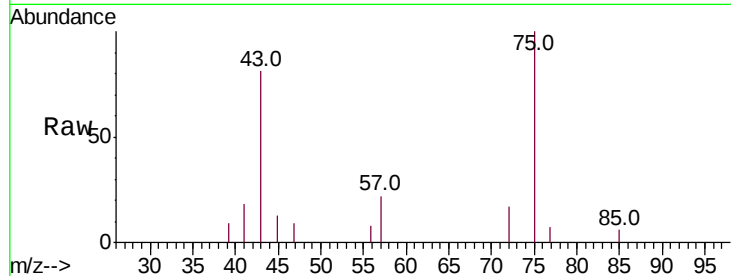
Tot Ion: 43 Resp: 2553

Ion Ratio Lower Upper

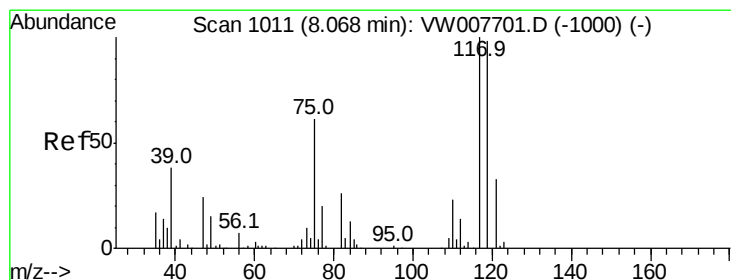
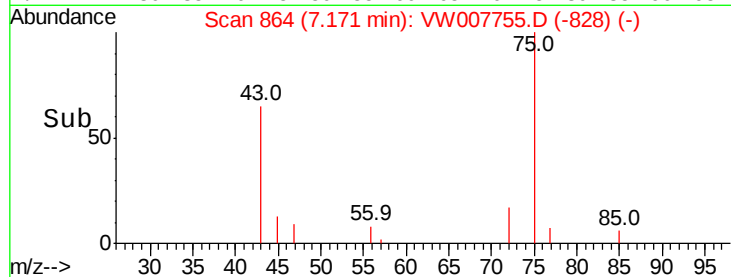
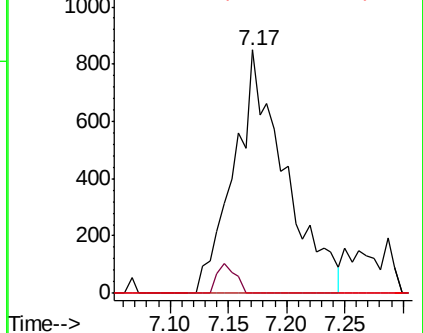
43 100

61 0.0 11.2 16.8#

70 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 5.914 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007755.D

Acq: 20 Dec 2018 18:50

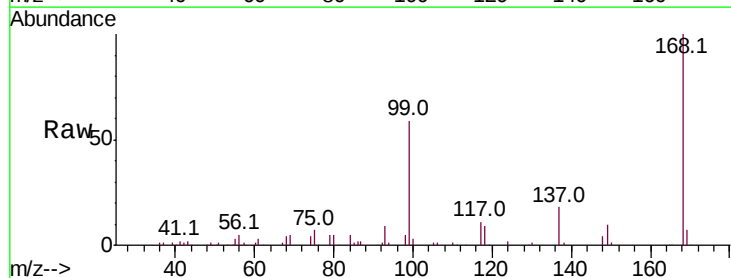
Tgt Ion: 117 Resp: 9572

Ion Ratio Lower Upper

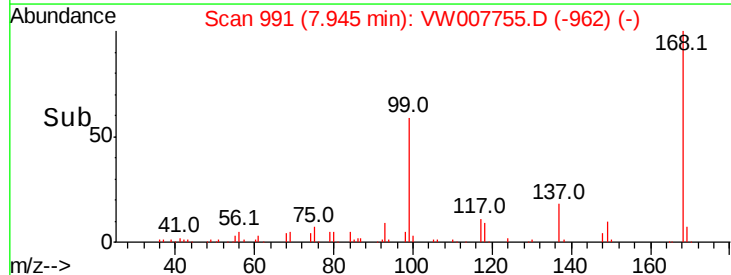
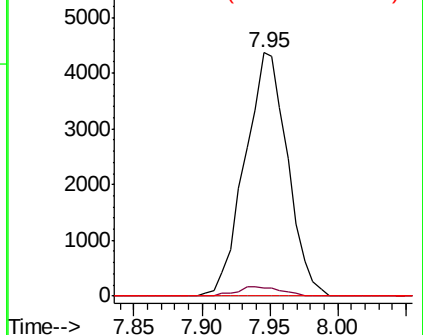
117 100

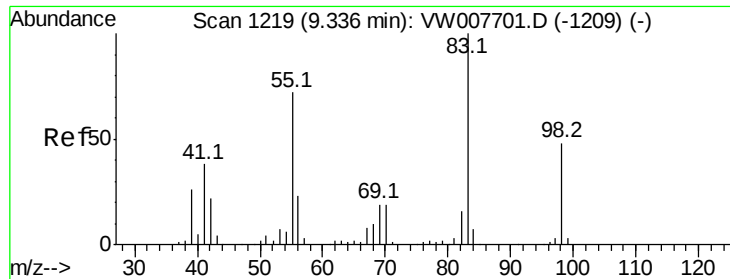
119 3.5 78.2 117.2#

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

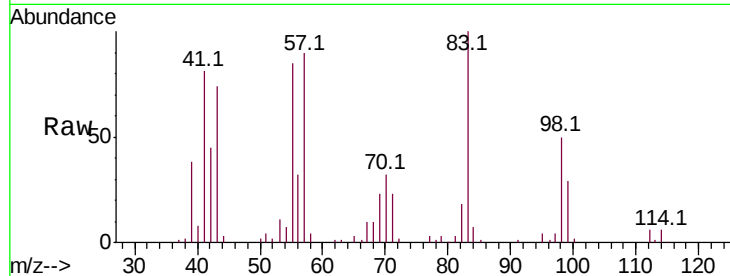




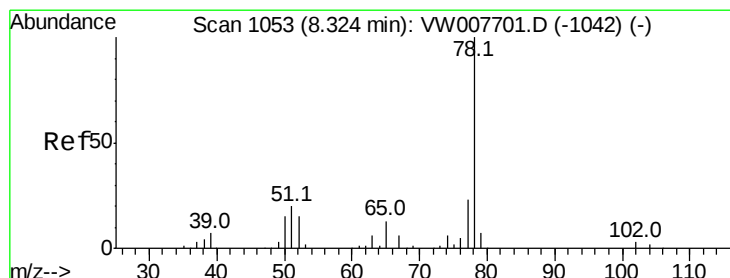
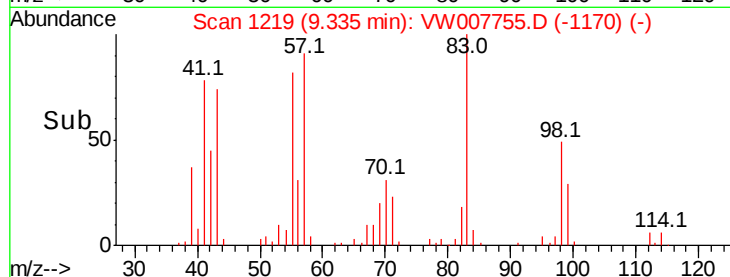
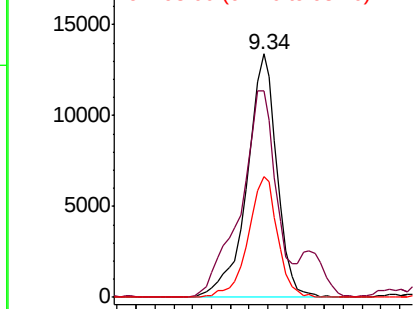
#39
Methvlcvclohexane
Concen: 17.504 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(18-20)

Tot Ion: 83 Resp: 29894
Ion Ratio Lower Upper
83 100
55 84.8 57.2 85.8
98 49.8 38.6 58.0

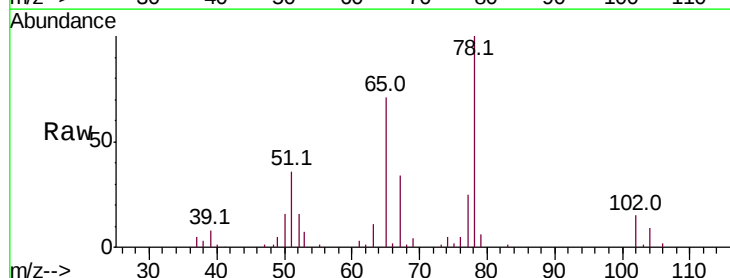


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

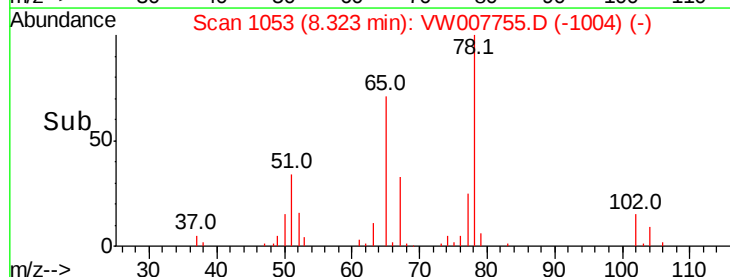
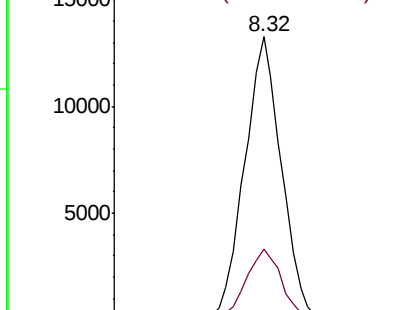


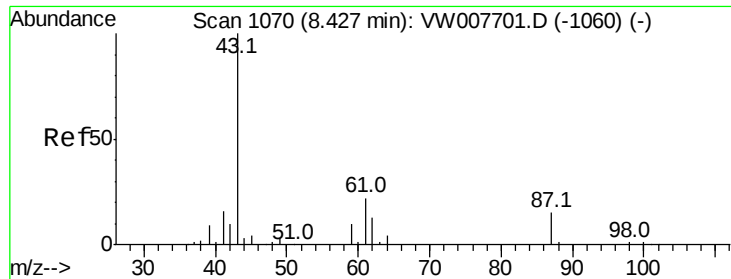
#40
Benzene
Concen: 7.614 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Tgt Ion: 78 Resp: 27924
Ion Ratio Lower Upper
78 100
77 24.9 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#43

Isopropyl Acetate

Concen: 5.833 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007755.D

Acq: 20 Dec 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(18-20)

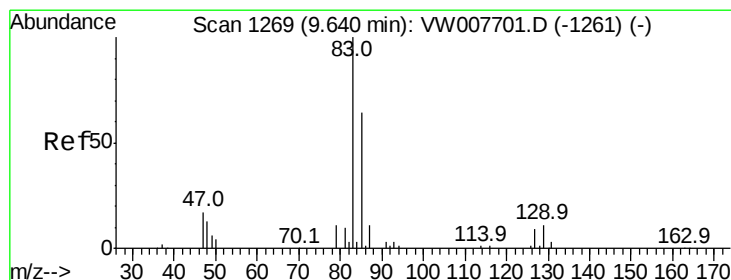
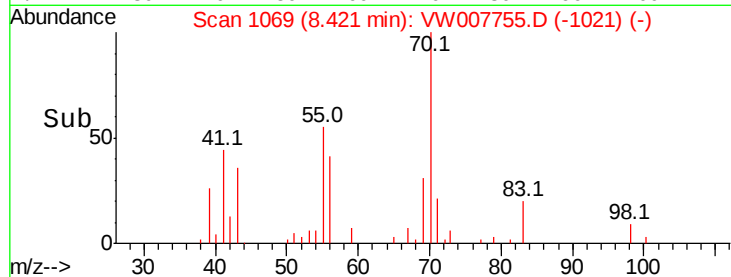
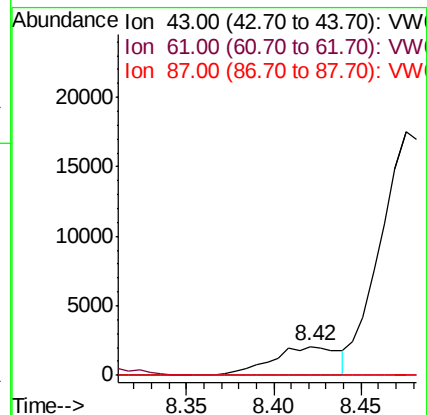
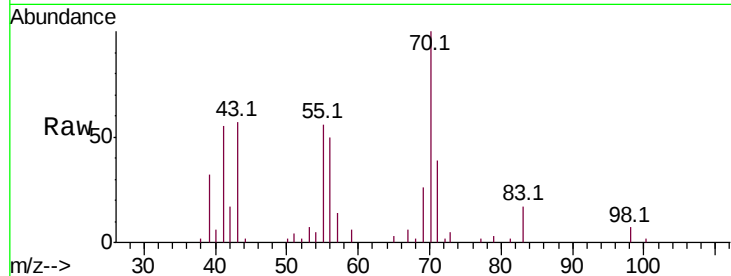
Tot Ion: 43 Resp: 5543

Ion Ratio Lower Upper

43 100

61 0.0 26.3 39.5#

87 0.0 12.0 18.0#



#47

Bromodichloromethane

Concen: 1.396 ug/l

RT: 9.62 min Scan# 1265

Delta R.T. -0.02 min

Lab File: VW007755.D

Acq: 20 Dec 2018 18:50

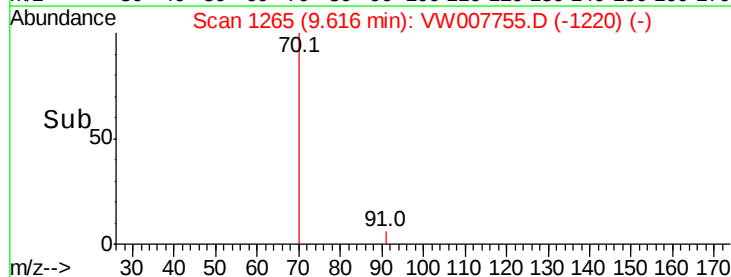
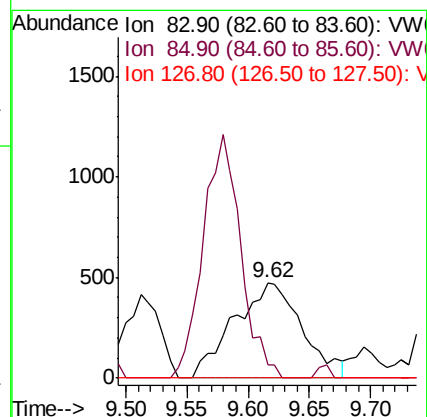
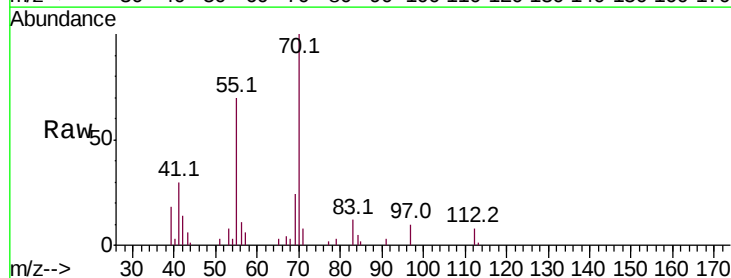
Tgt Ion: 83 Resp: 1838

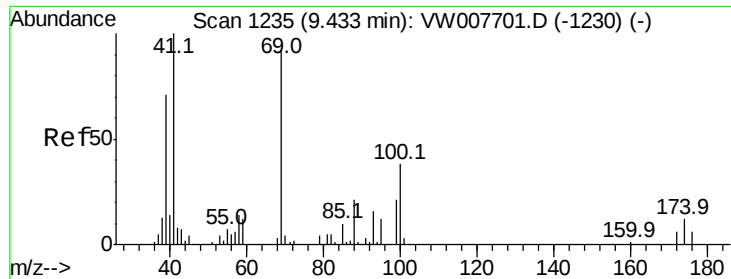
Ion Ratio Lower Upper

83 100

85 14.5 51.4 77.0#

127 0.0 7.5 11.3#

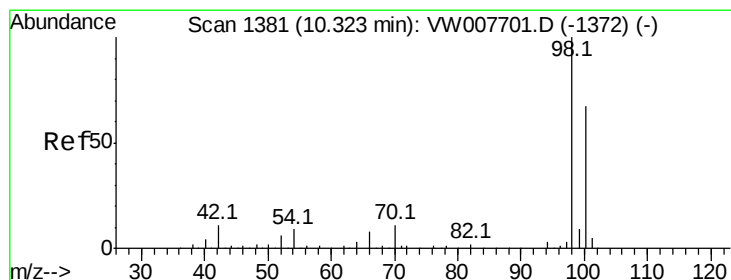
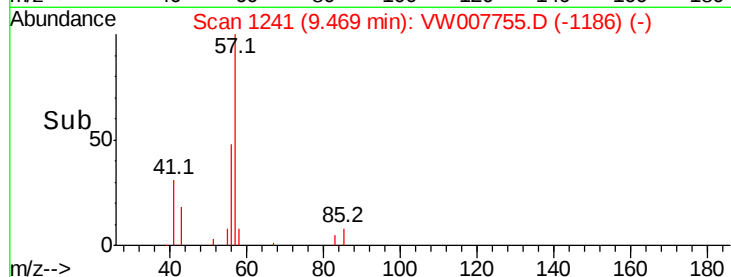
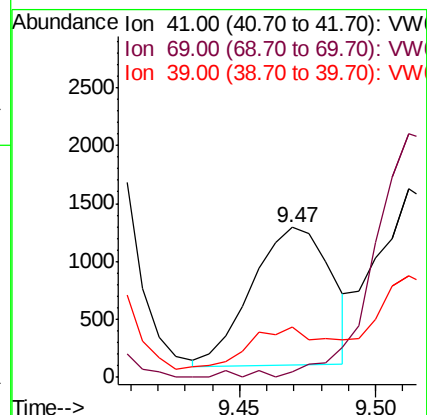
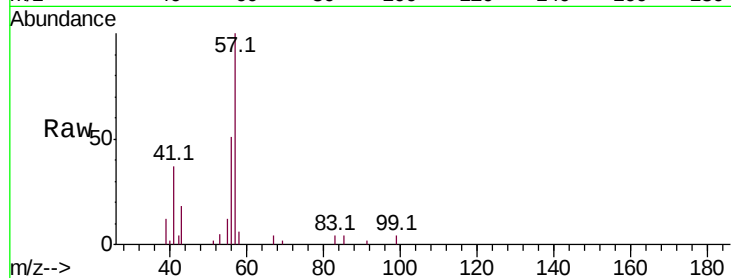




#48
Methyl methacrylate
Concen: 5.095 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.04 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

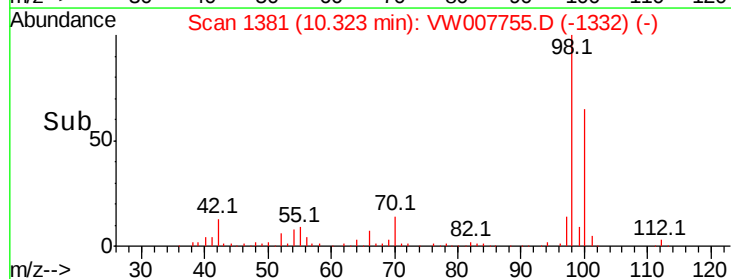
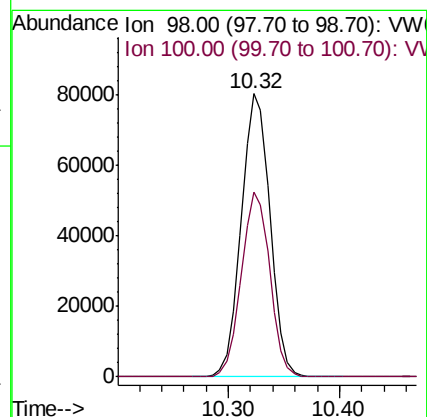
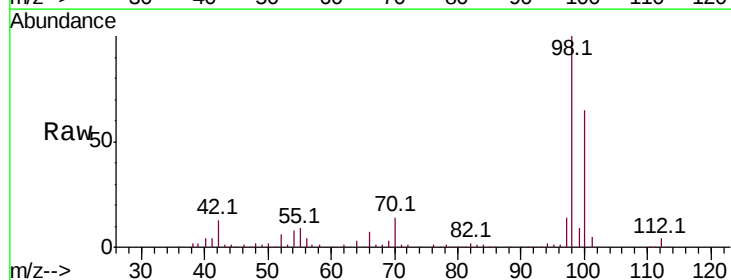
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(18-20)

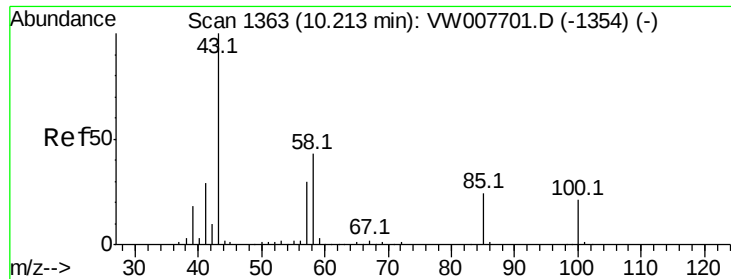
Tot Ion: 41 Resp: 2417
Ion Ratio Lower Upper
41 100
69 0.0 74.2 111.2#
39 27.7 53.9 80.9#



#50
Toluene-d8
Concen: 43.898 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Tgt Ion: 98 Resp: 143764
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 19.127 ug/l

RT: 10.26 min Scan# 1370

Delta R.T. 0.04 min

Lab File: VW007755.D

Acq: 20 Dec 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

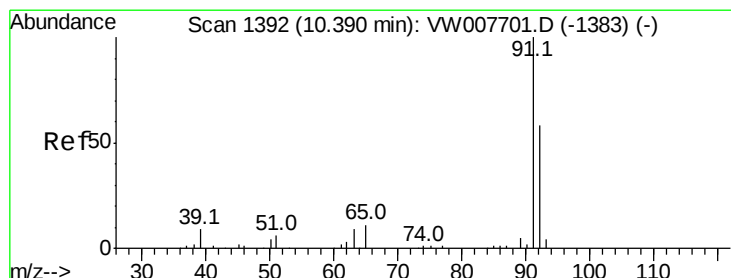
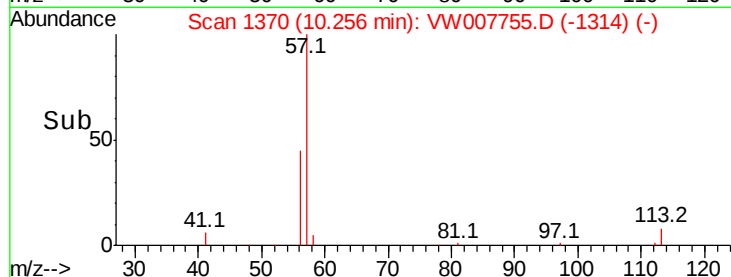
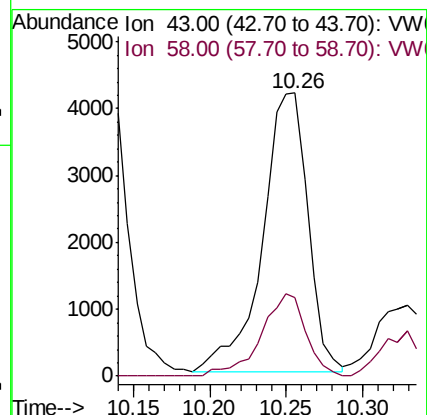
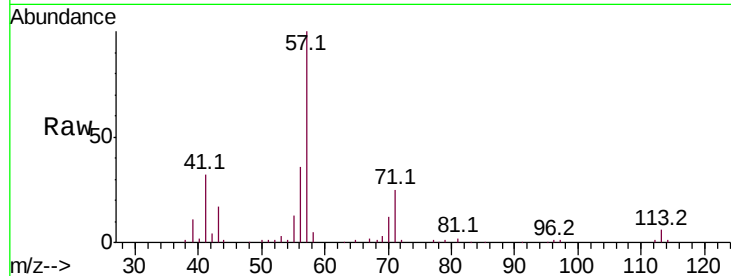
KY001SB105-121218-(18-20)

Tot Ion: 43 Resp: 8590

Ion Ratio Lower Upper

43 100

58 29.1 33.2 49.8#



#52

Toluene

Concen: 10.991 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007755.D

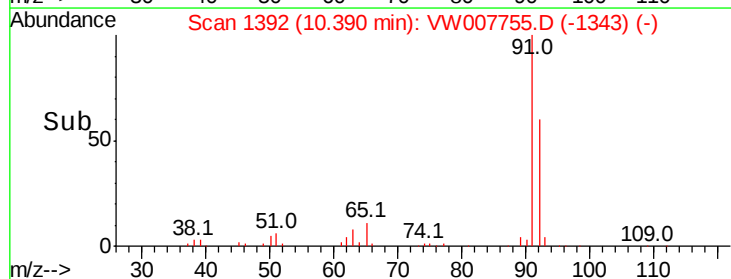
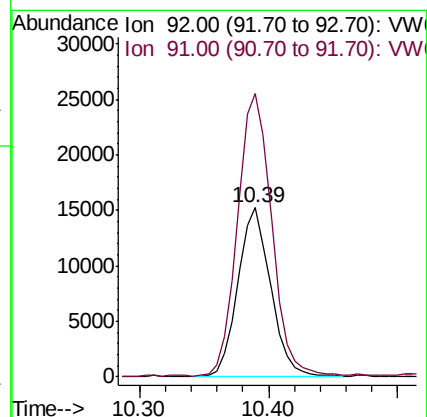
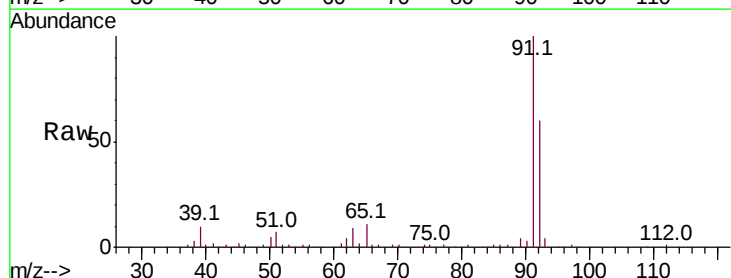
Acq: 20 Dec 2018 18:50

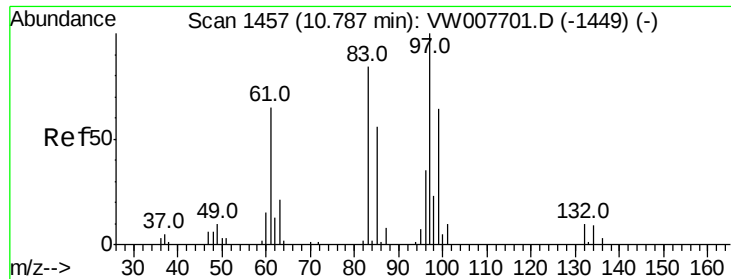
Tgt Ion: 92 Resp: 27046

Ion Ratio Lower Upper

92 100

91 173.3 137.0 205.4





#55

1,1,2-Trichloroethane

Concen: 14.974 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW007755.D

Acq: 20 Dec 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(18-20)

Tot Ion: 97 Resp: 10341

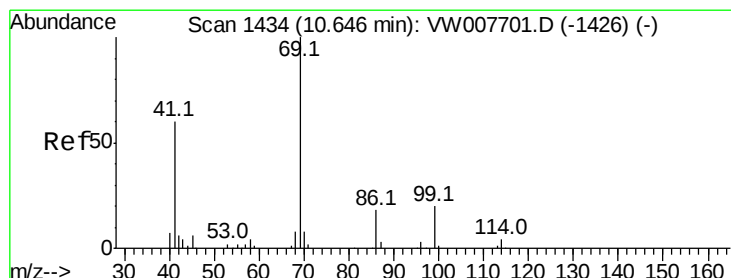
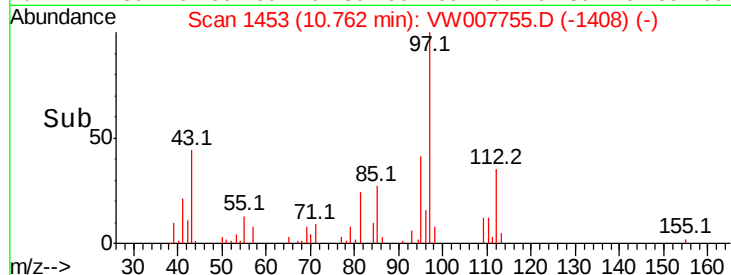
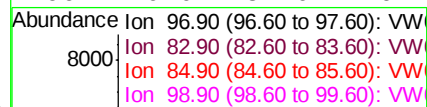
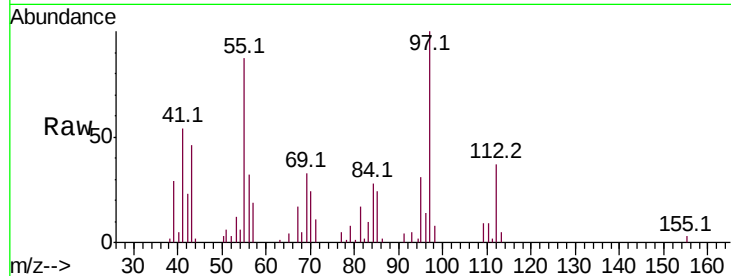
Ion Ratio Lower Upper

97 100

83 8.5 67.5 101.3#

85 24.1 44.8 67.2#

99 0.0 51.0 76.4#



#56

Ethyl methacrylate

Concen: 2.116 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW007755.D

Acq: 20 Dec 2018 18:50

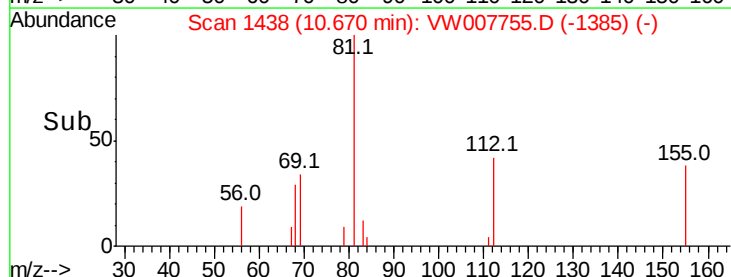
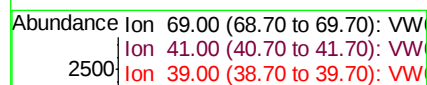
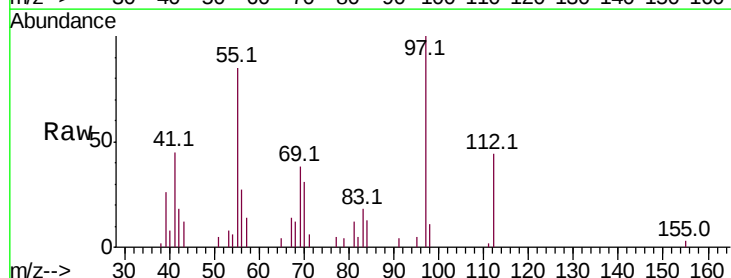
Tgt Ion: 69 Resp: 1727

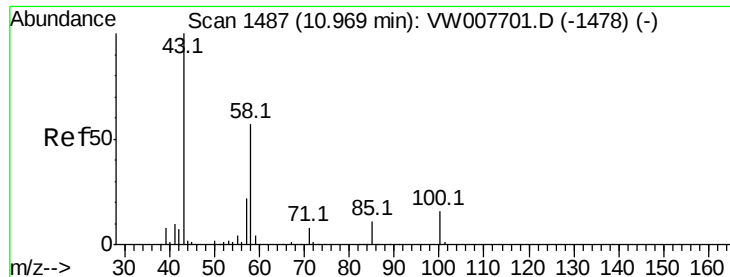
Ion Ratio Lower Upper

69 100

41 150.0 48.9 73.3#

39 65.1 31.3 46.9#

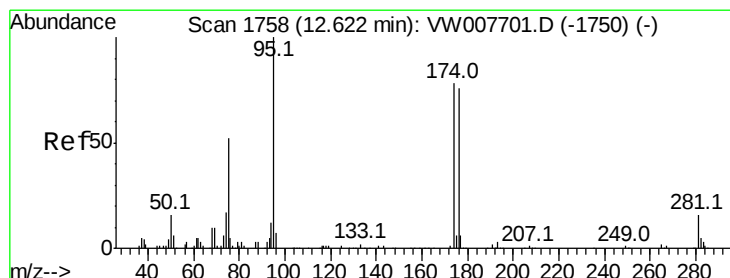
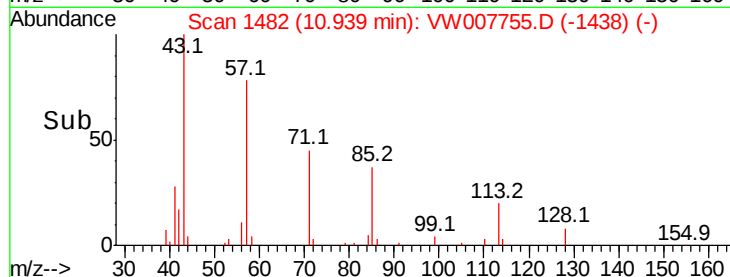
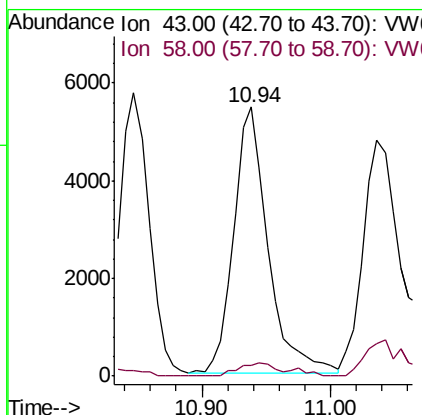
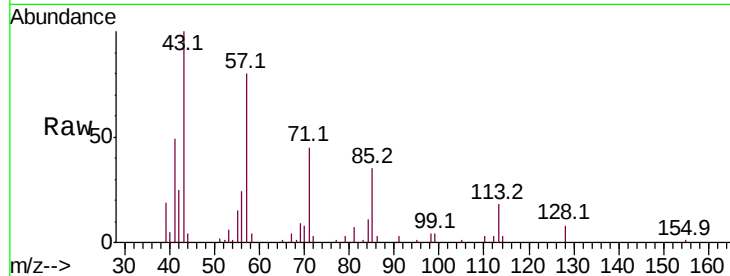




#59
2-Hexanone
Concen: 31.737 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

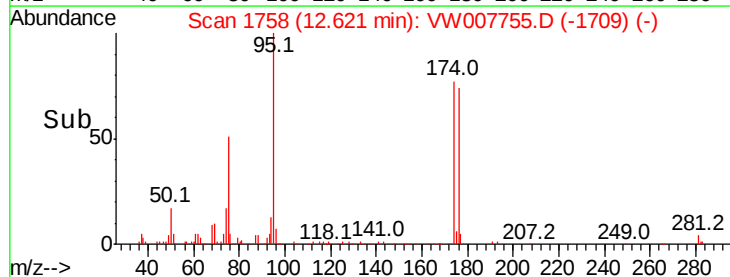
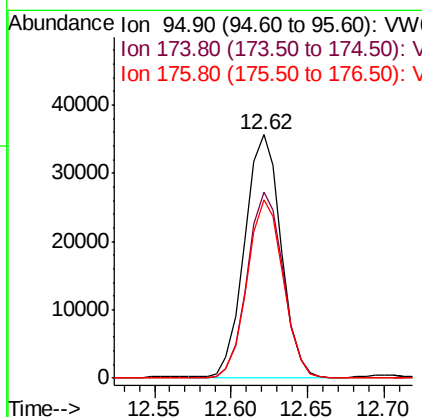
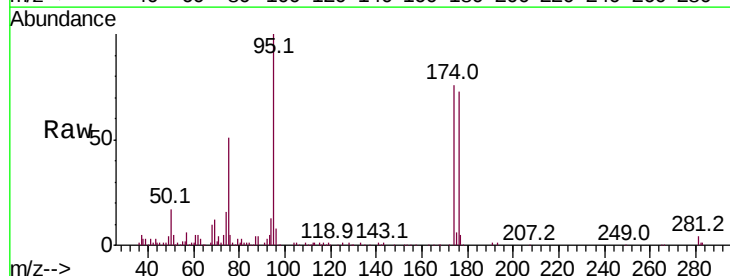
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(18-20)

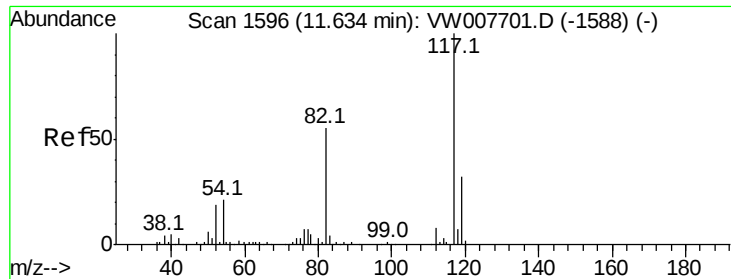
Tot Ion: 43 Resp: 10024
Ion Ratio Lower Upper
43 100
58 5.1 27.7 83.1#



#62
4-Bromofluorobenzene
Concen: 46.396 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Tgt Ion: 95 Resp: 58700
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.2
176 72.7 0.0 146.8

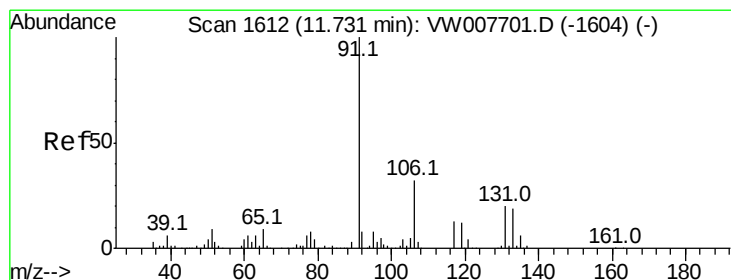
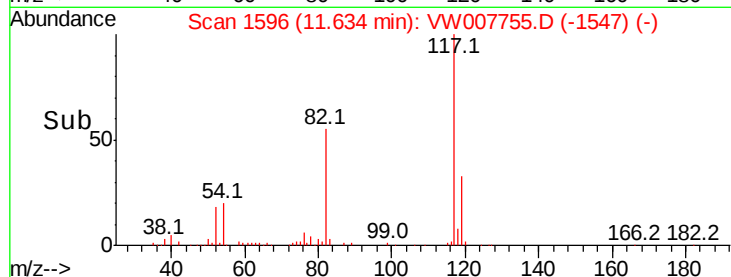
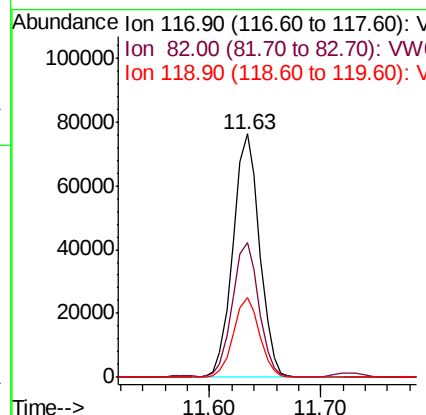
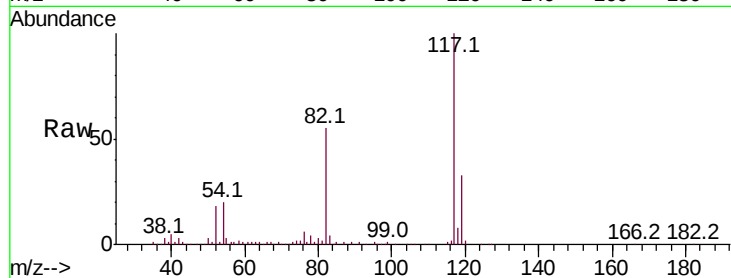




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

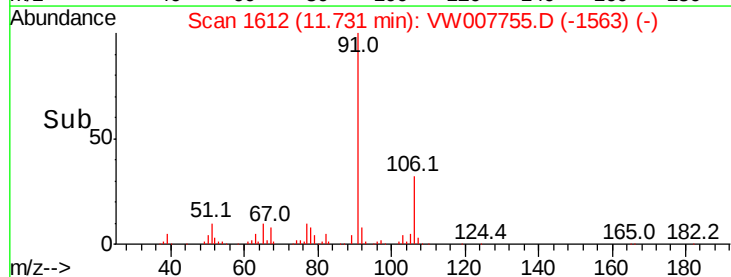
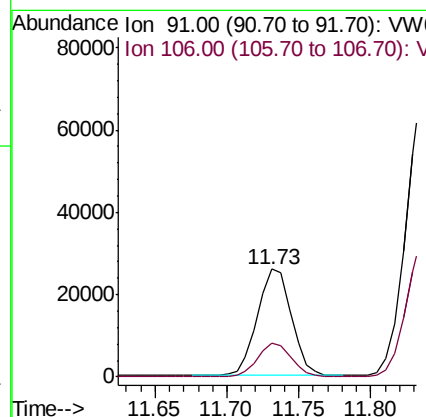
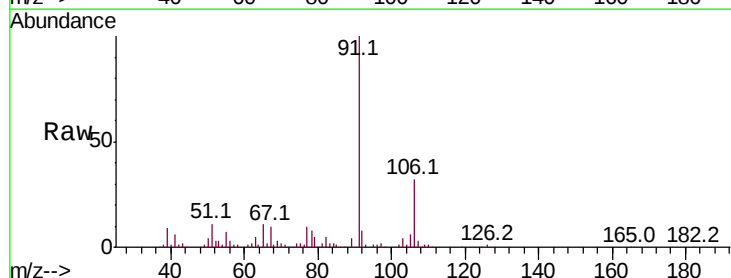
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(18-20)

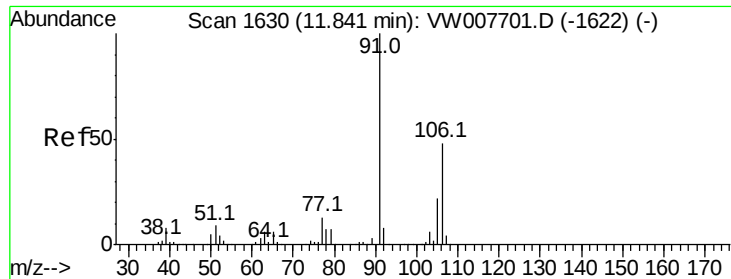
Tot Ion:117 Resp: 125601
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.6 25.7 38.5



#67
Ethyl Benzene
Concen: 9.134 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Tgt Ion: 91 Resp: 42608
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8

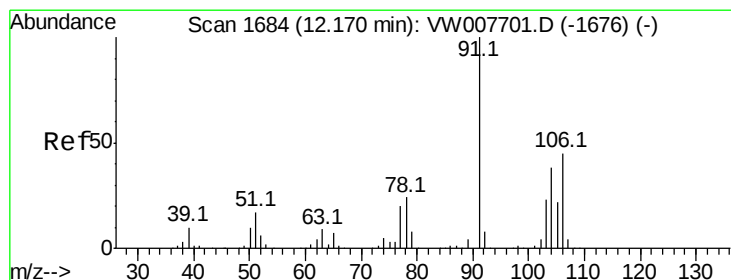
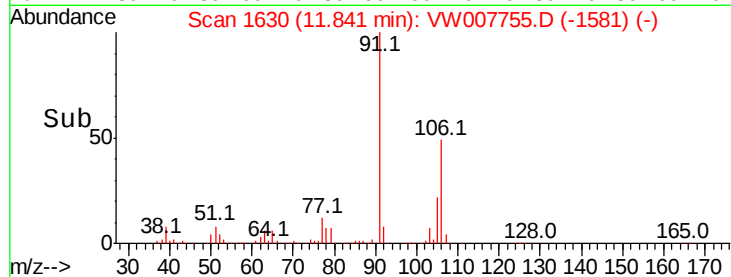
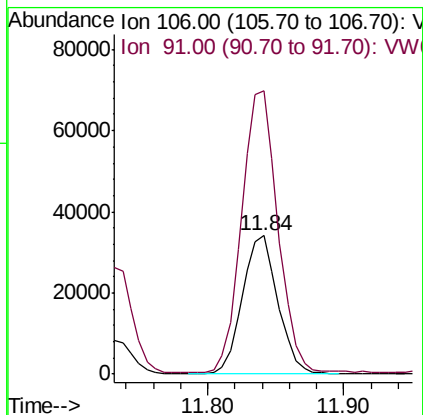
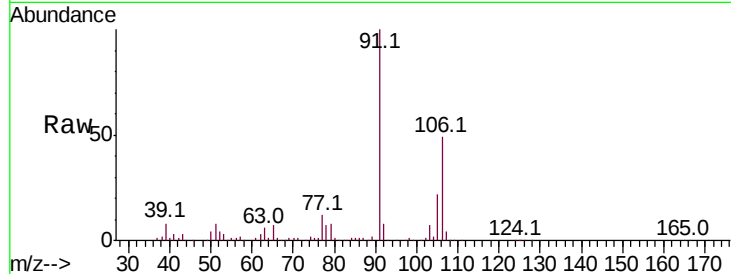




#68
m/p-Xylenes
Concen: 34.149 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

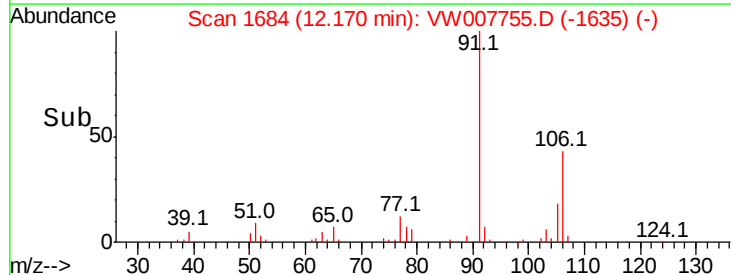
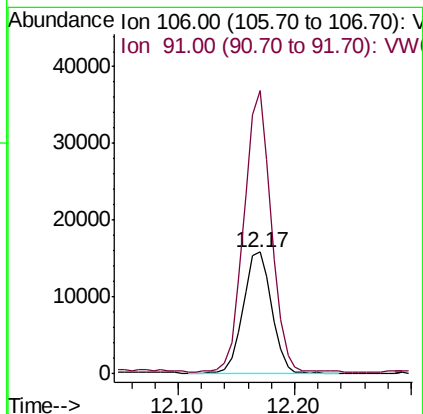
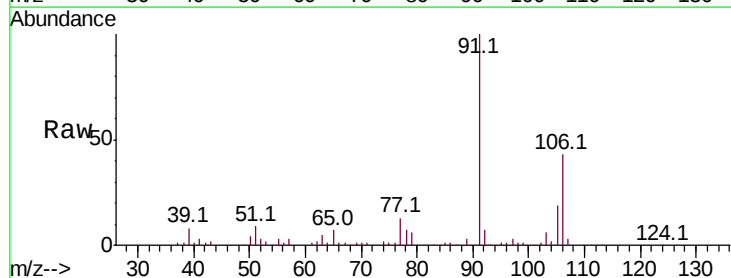
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(18-20)

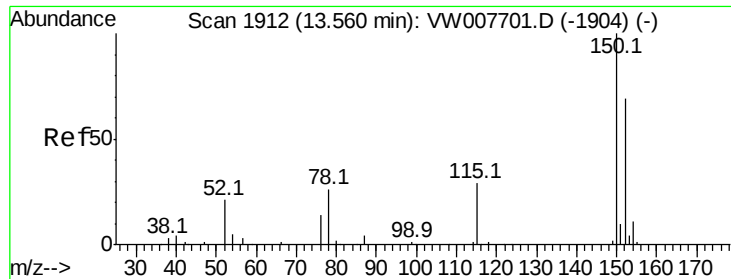
Tot Ion:106 Resp: 61797
Ion Ratio Lower Upper
106 100
91 208.3 165.2 247.8



#69
o-Xylene
Concen: 15.942 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Tgt Ion:106 Resp: 27043
Ion Ratio Lower Upper
106 100
91 222.4 110.5 331.4



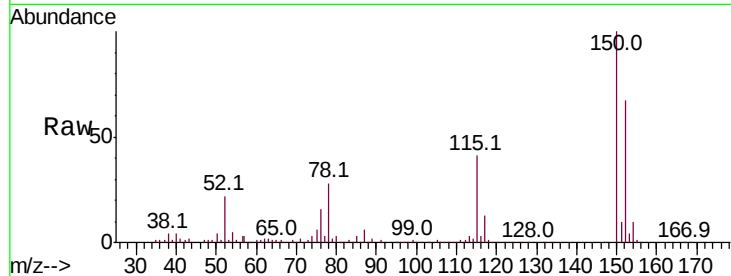


#72

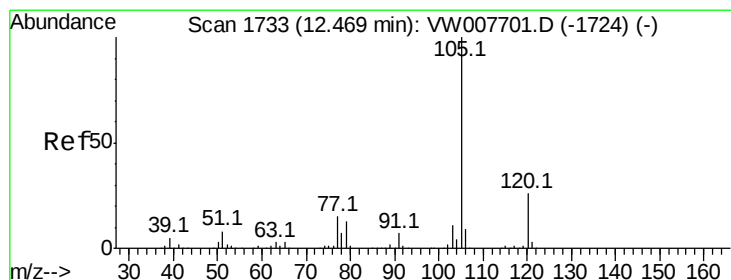
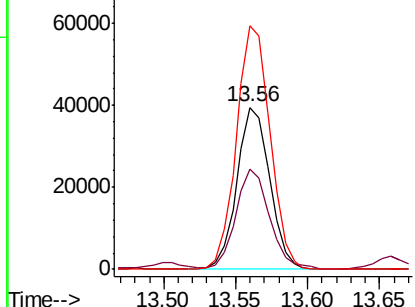
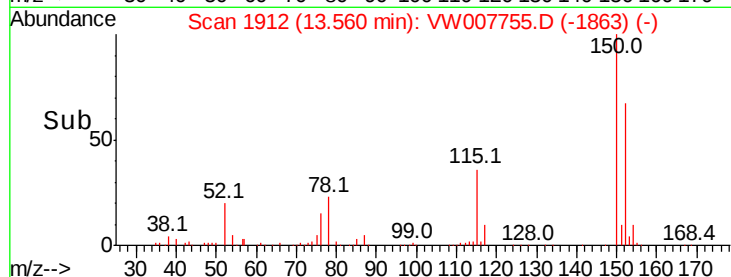
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(18-20)

Tot Ion:152 Resp: 62574
Ion Ratio Lower Upper
152 100
115 62.9 31.8 95.4
150 153.5 0.0 350.8



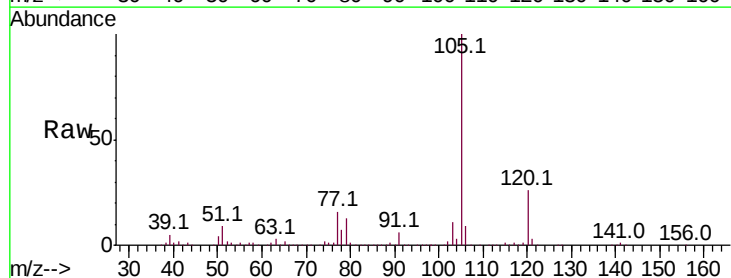
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



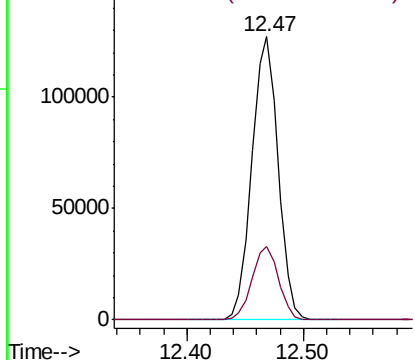
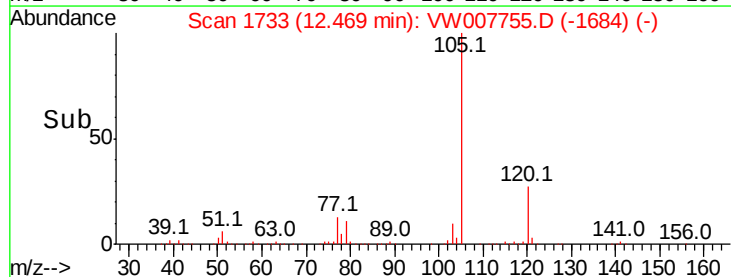
#73

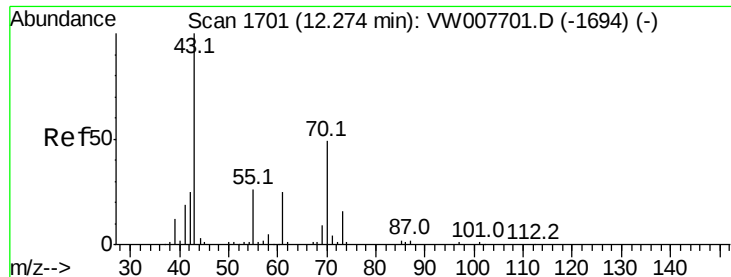
Isopropylbenzene
Concen: 42.254 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Tgt Ion:105 Resp: 199859
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



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

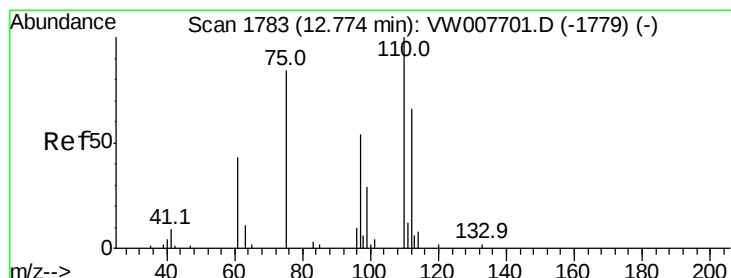
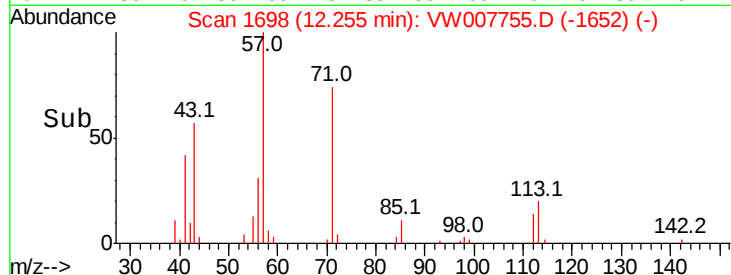
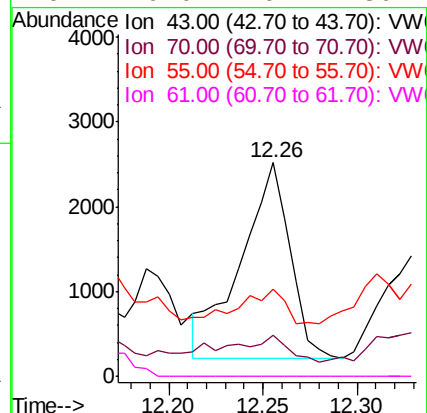
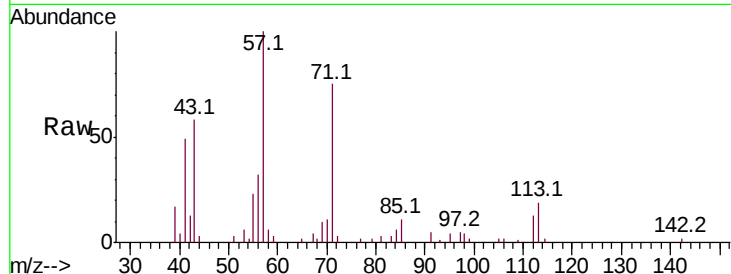




#74
N-amvl acetate
Concen: 5.119 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

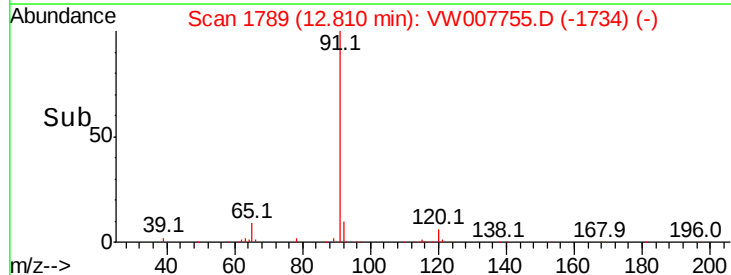
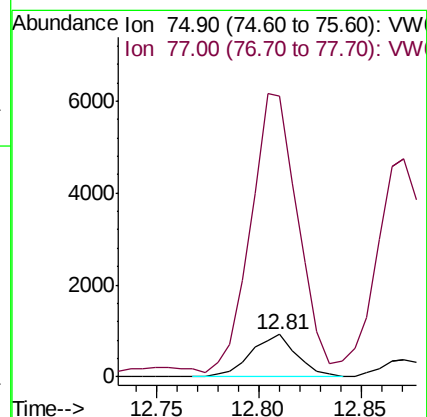
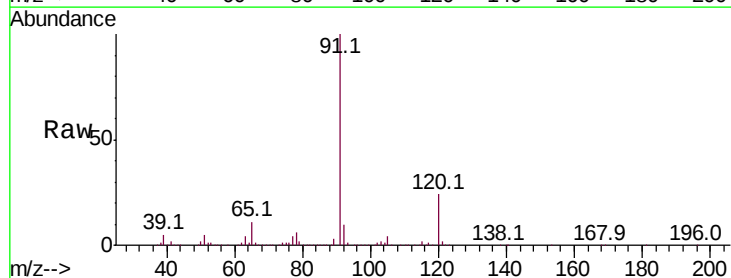
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(18-20)

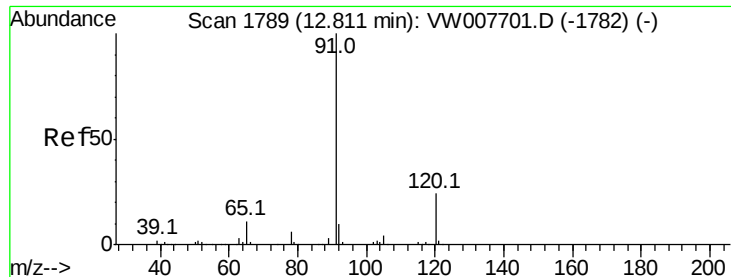
Tot Ion: 43 Resp: 4194
Ion Ratio Lower Upper
43 100
70 16.8 37.6 56.4#
55 12.9 21.7 32.5#
61 0.0 20.1 30.1#



#76
1,2,3-Trichloropropane
Concen: 2.975 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.04 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Tgt Ion: 75 Resp: 1439
Ion Ratio Lower Upper
75 100
77 667.2 0.0 0.0#

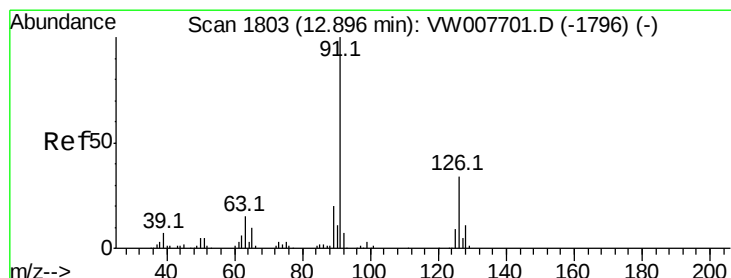
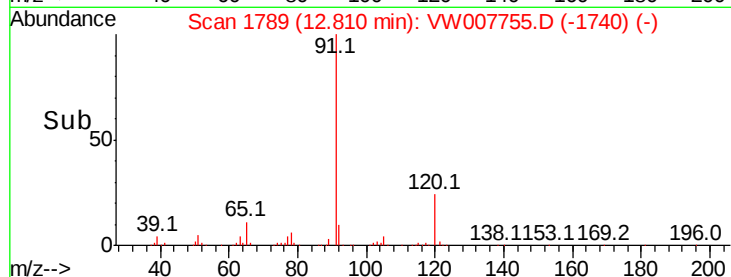
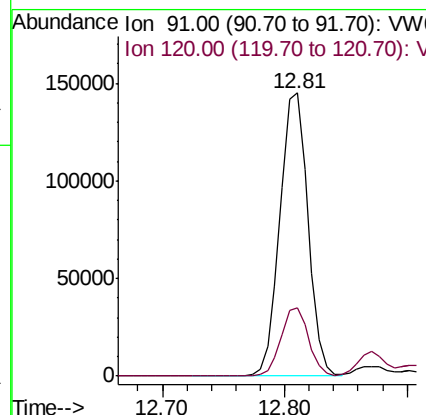
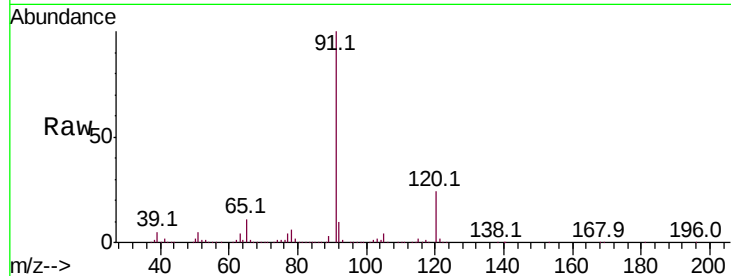




#78
n-propylbenzene
Concen: 42.018 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

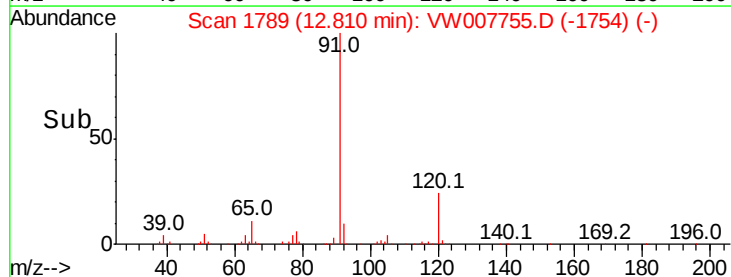
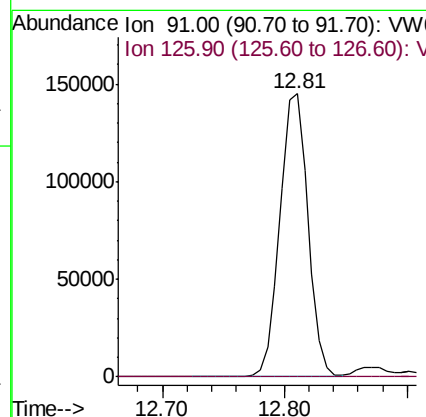
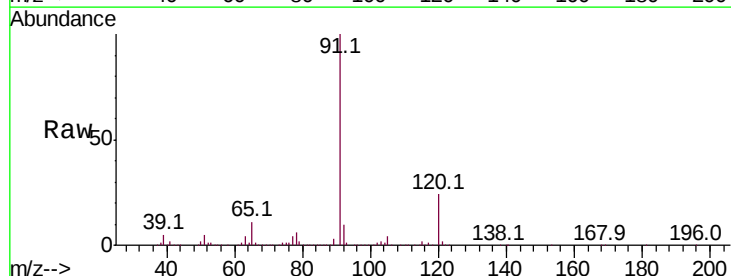
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(18-20)

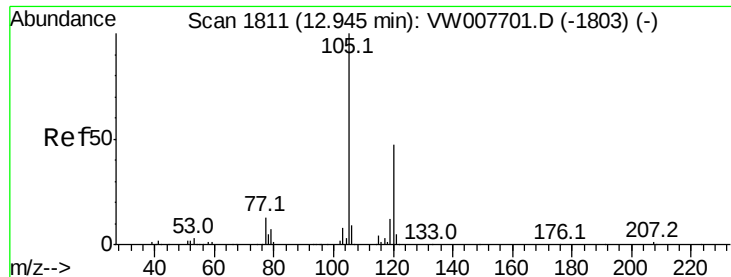
Tot Ion: 91 Resp: 231346
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.7



#79
2-Chlorotoluene
Concen: 72.128 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.09 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Tgt Ion: 91 Resp: 231346
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#





#80

1,3,5-Trimethylbenzene

Concen: 7.826 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007755.D

Acq: 20 Dec 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

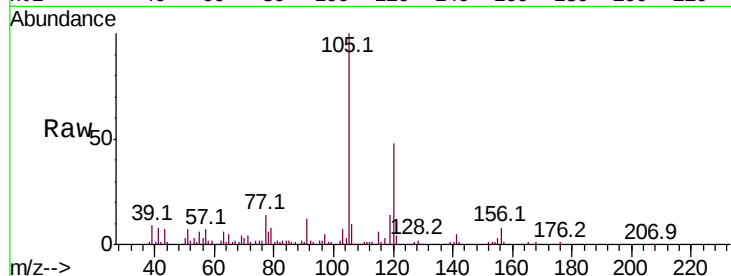
KY001SB105-121218-(18-20)

Tot Ion:105 Resp: 31931

Ion Ratio Lower Upper

105 100

120 47.4 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

15000

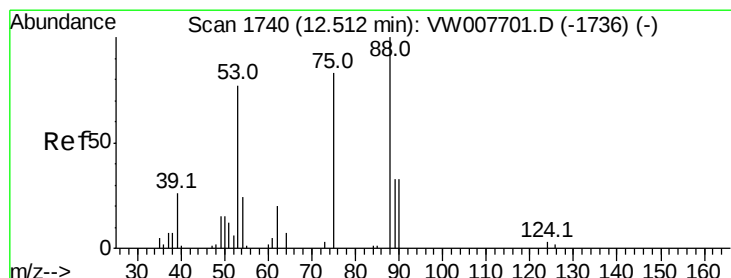
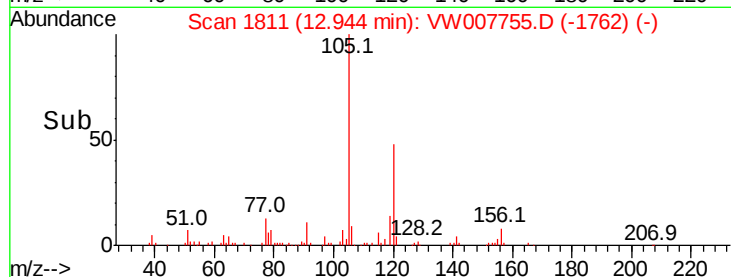
10000

5000

0

12.90 12.95 13.00

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 10.794 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.04 min

Lab File: VW007755.D

Acq: 20 Dec 2018 18:50

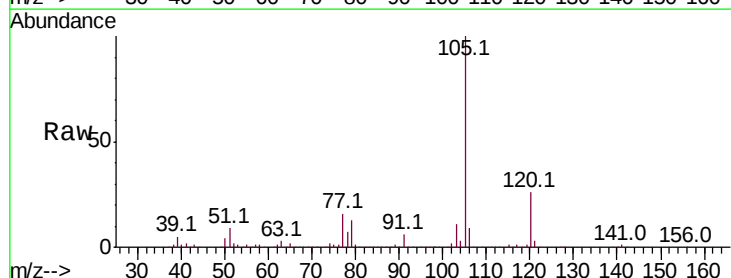
Tgt Ion: 75 Resp: 2487

Ion Ratio Lower Upper

75 100

53 84.3 80.2 120.2

89 116.8 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

2500

2000

1500

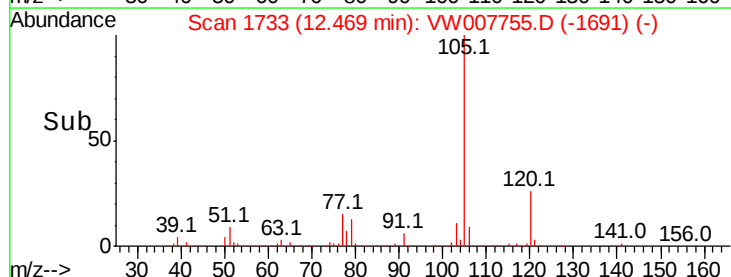
1000

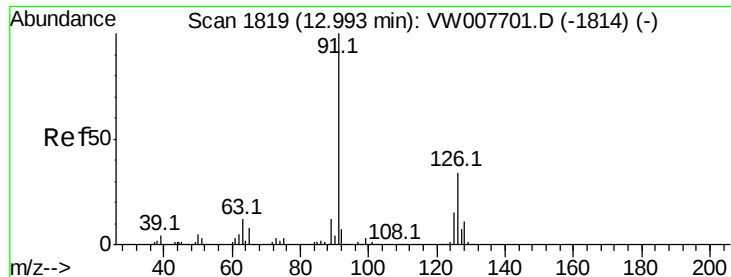
500

0

12.40 12.45 12.50

Time-->

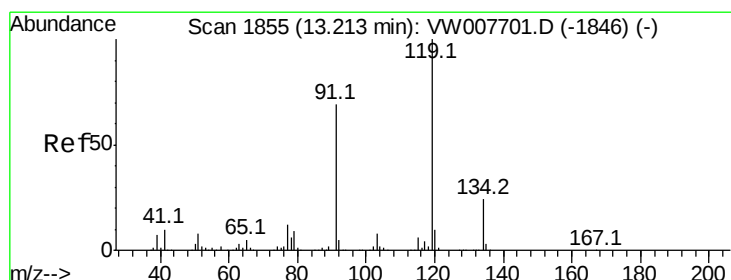
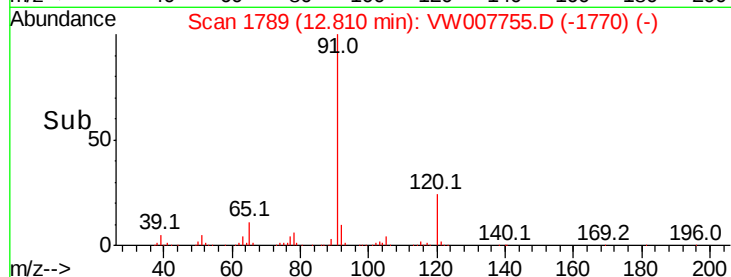
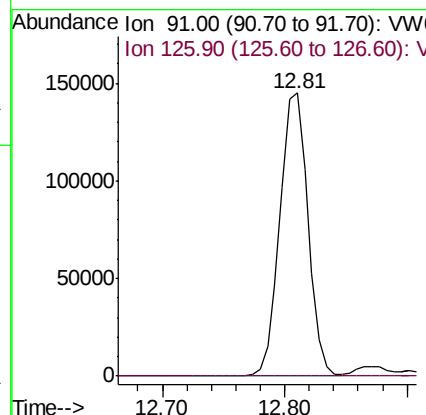
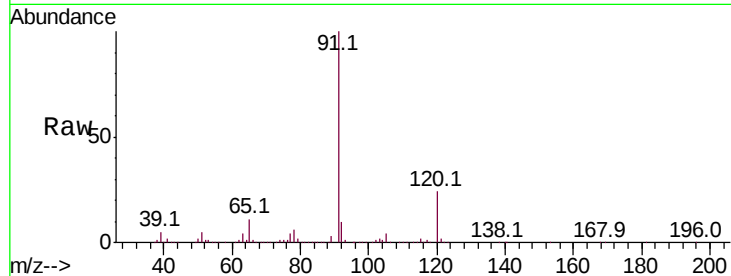




#82
4-Chlorotoluene
Concen: 67.740 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.18 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

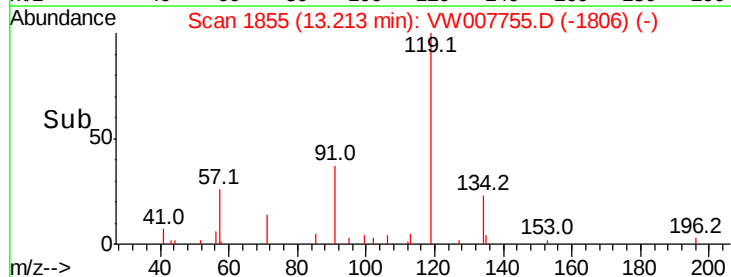
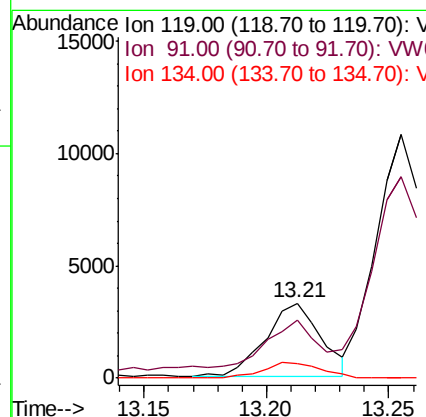
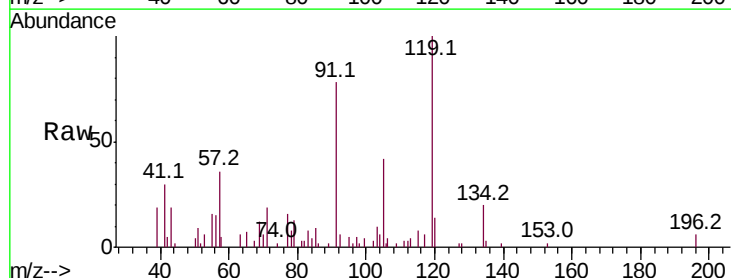
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(18-20)

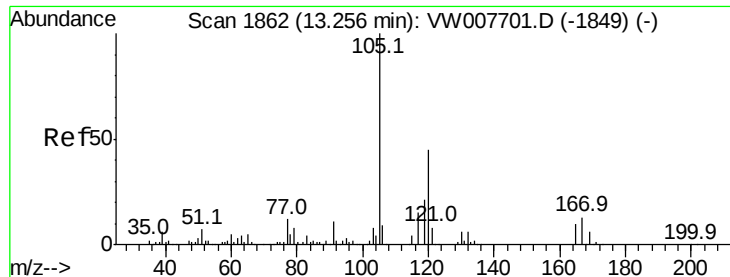
Tot Ion: 91 Resp: 231346
Ion Ratio Lower Upper
91 100
126 0.0 16.5 49.5#



#83
tert-Butylbenzene
Concen: 1.457 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Tgt Ion: 119 Resp: 5214
Ion Ratio Lower Upper
119 100
91 76.1 34.2 102.5
134 21.8 12.8 38.4

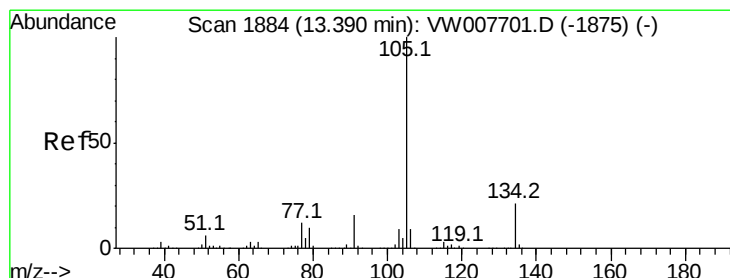
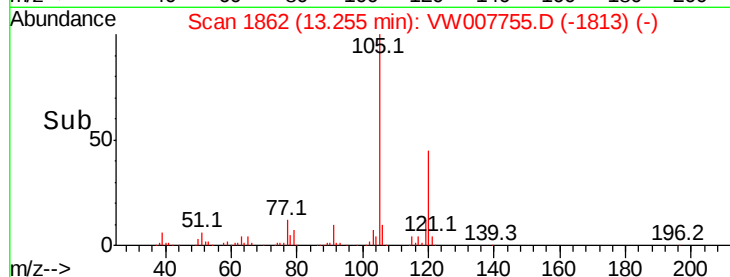
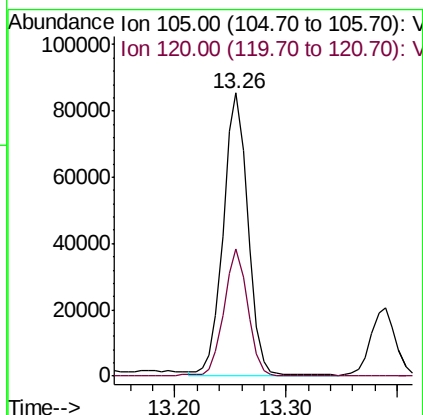
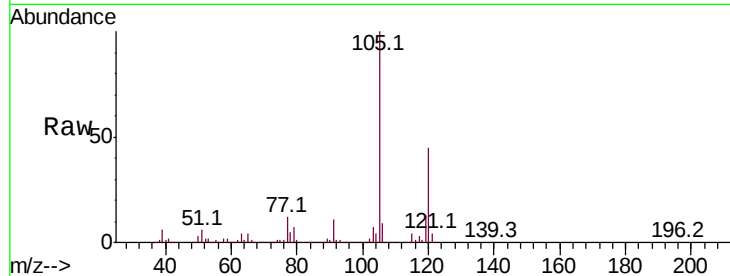




#84
1,2,4-Trimethylbenzene
Concen: 31.616 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

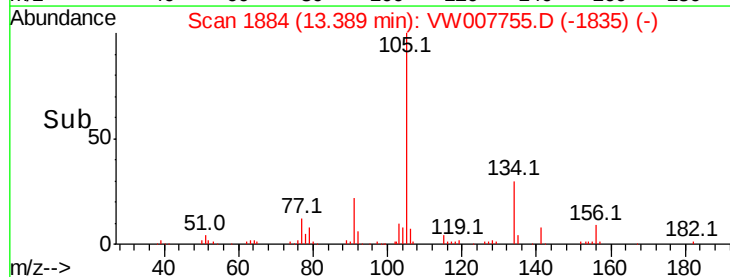
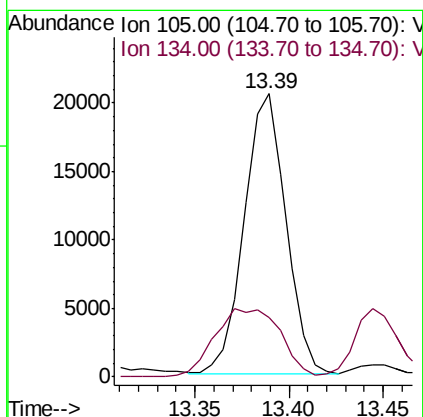
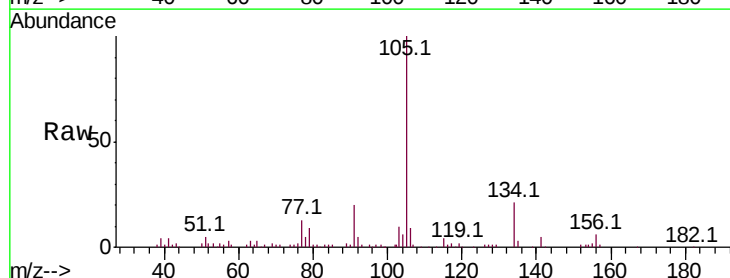
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(18-20)

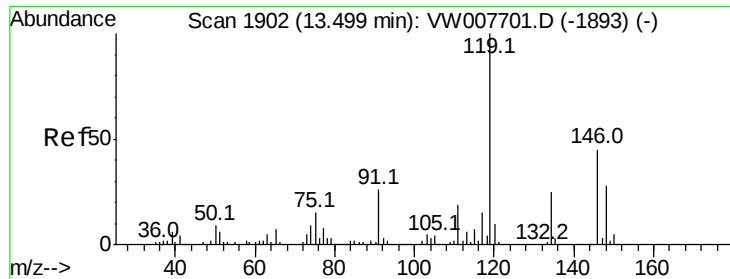
Tot Ion:105 Resp: 130156
Ion Ratio Lower Upper
105 100
120 43.4 22.0 66.0



#85
sec-Butylbenzene
Concen: 6.343 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Tgt Ion:105 Resp: 31293
Ion Ratio Lower Upper
105 100
134 38.2 10.2 30.4#

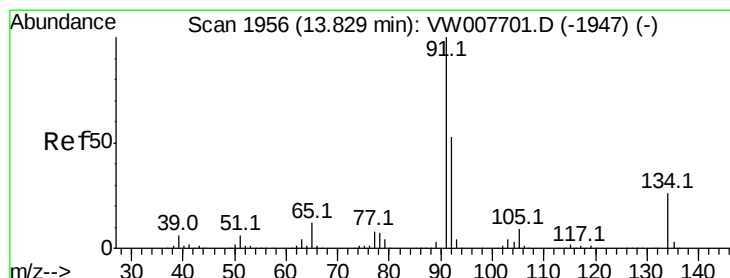
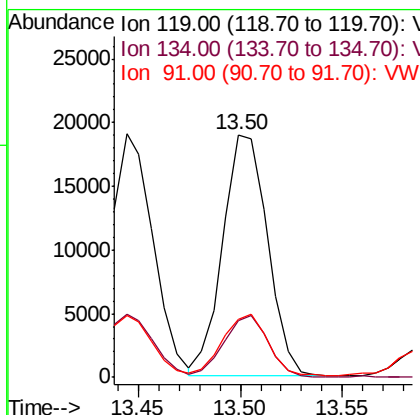
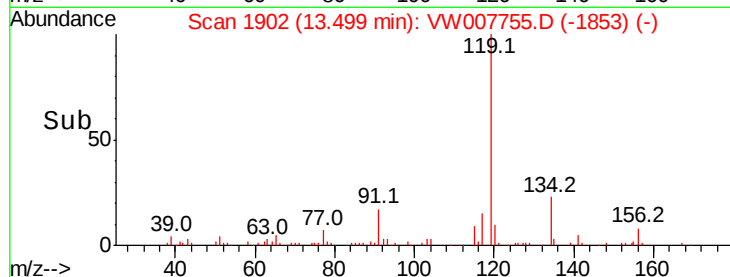
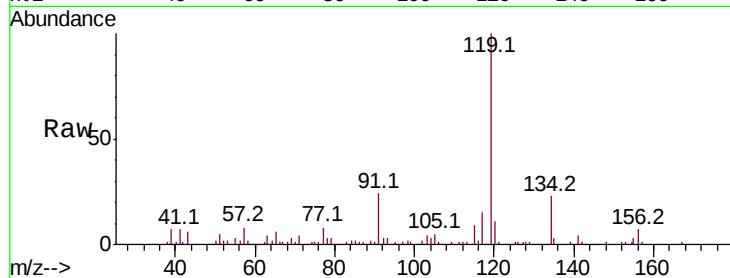




#86
p-Isopropyltoluene
Concen: 6.424 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

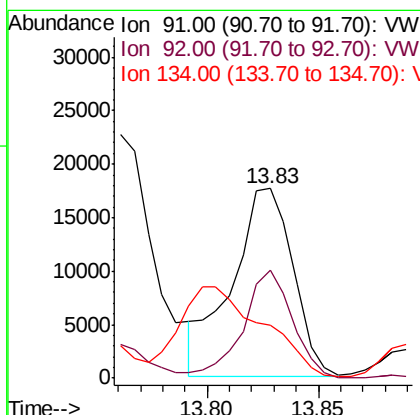
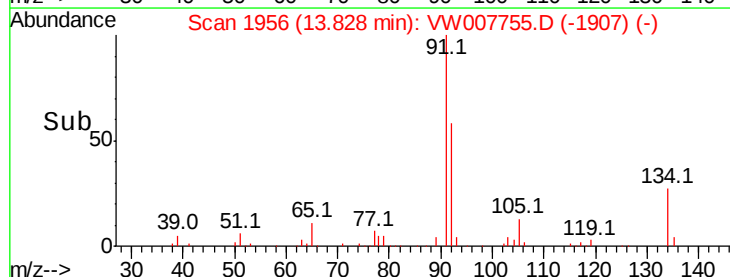
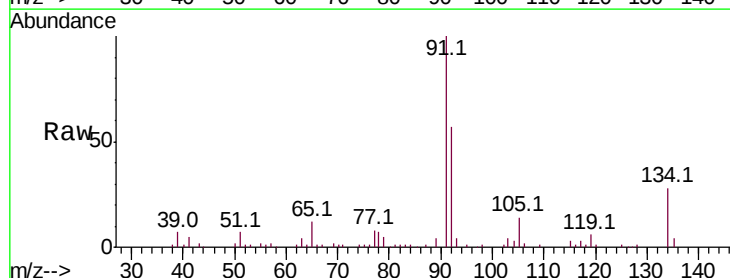
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(18-20)

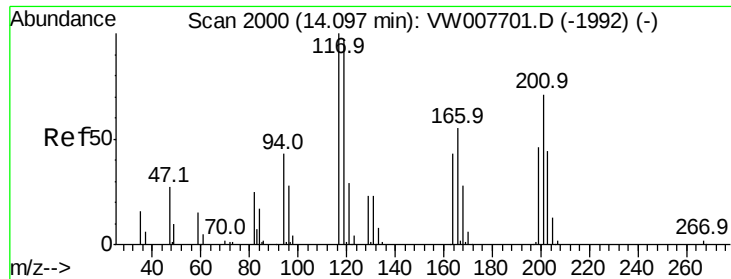
Tot Ion:119 Resp: 28821
Ion Ratio Lower Upper
119 100
134 25.3 13.0 39.0
91 25.1 12.8 38.4



#89
n-Butylbenzene
Concen: 8.172 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Tgt Ion: 91 Resp: 33615
Ion Ratio Lower Upper
91 100
92 46.1 26.4 79.2
134 0.0 13.7 41.0#

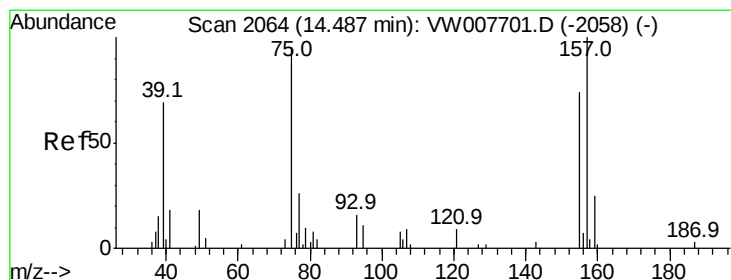
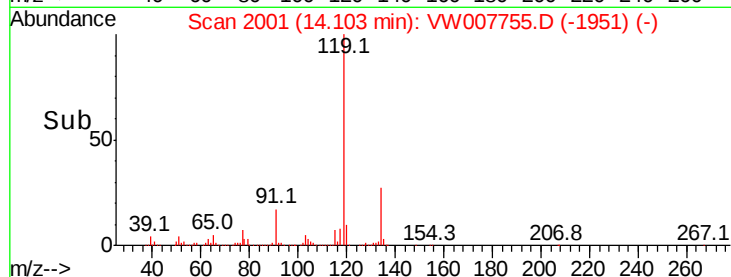
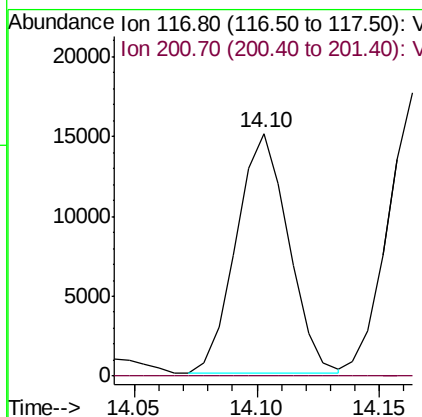
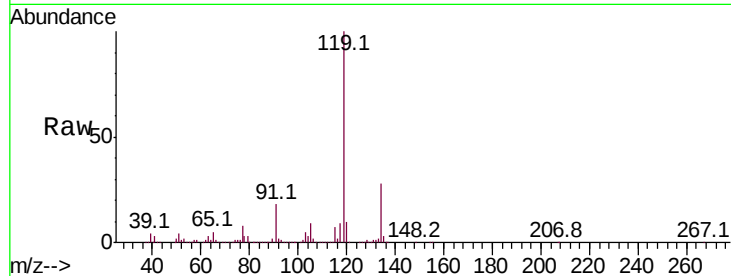




#90
Hexachloroethane
Concen: 28.171 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

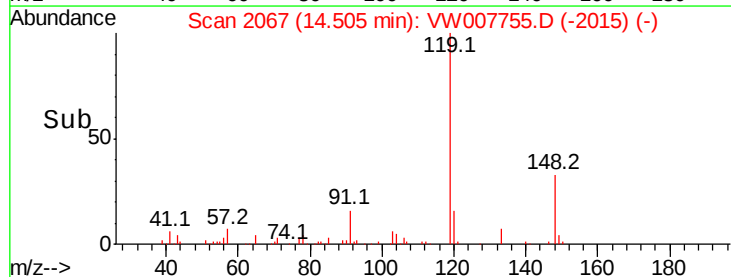
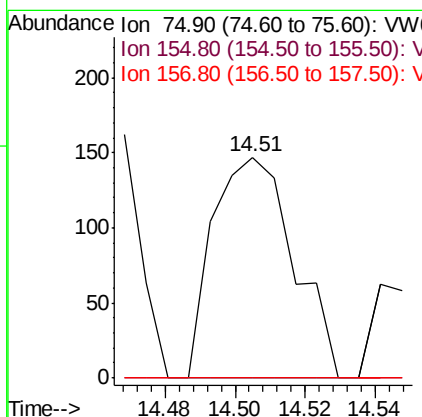
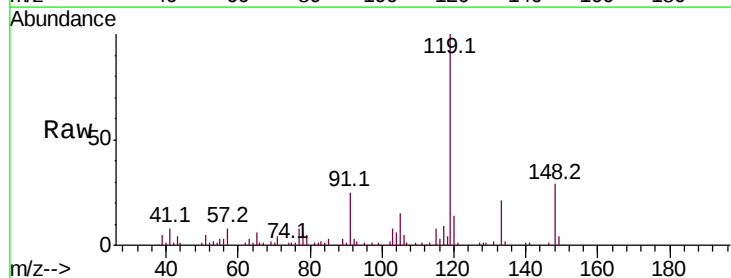
Instrument :
MSVOA_W
ClientSampleId :
KY001SB105-121218-(18-20)

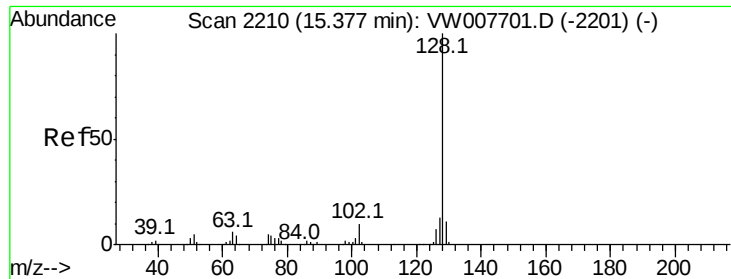
Tot Ion:117 Resp: 22187
Ion Ratio Lower Upper
117 100
201 0.0 36.2 108.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.620 ug/l
RT: 14.51 min Scan# 2067
Delta R.T. 0.02 min
Lab File: VW007755.D
Acq: 20 Dec 2018 18:50

Tgt Ion: 75 Resp: 236
Ion Ratio Lower Upper
75 100
155 0.0 39.4 118.1#
157 0.0 52.0 156.0#





#95

Naphthalene

Concen: 19.455 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007755.D

Acq: 20 Dec 2018 18:50

Instrument :

MSVOA_W

ClientSampleId :

KY001SB105-121218-(18-20)

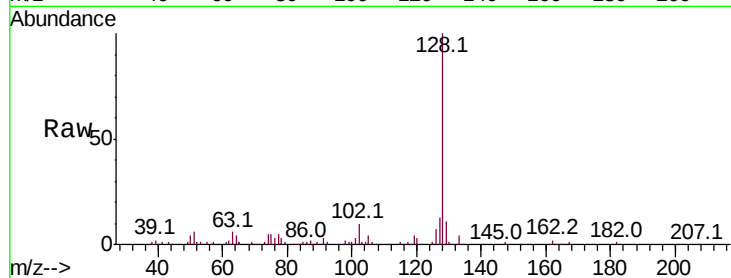
Tot Ion:128 Resp: 48112

Ion Ratio Lower Upper

128 100

127 14.6 10.7 16.1

129 12.6 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

