

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005847.D
 Acq On : 04 Oct 2018 10:04
 Operator : SY/AP
 Sample : J5194-01RE
 Misc : 6.49G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-100218-ARE

Quant Time: Oct 04 10:59:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	164846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	248148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	46382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	64336	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	86995	43.50	ug/l	0.00
Spiked Amount			Recovery	=	87.00%	
35) Dibromofluoromethane	7.89	113	72302	44.45	ug/l	0.00
Spiked Amount			Recovery	=	88.90%	
50) Toluene-d8	10.33	98	31488	4.88	ug/l	0.00
Spiked Amount			Recovery	=	9.76%	
62) 4-Bromofluorobenzene	12.62	95	45915	19.24	ug/l	0.00
Spiked Amount			Recovery	=	38.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1552	1.792	ug/l	100
11) Tert butyl alcohol	5.21	59	215	1.778	ug/l #	82
16) Acetone	4.15	43	4459	13.360	ug/l	97
18) Methyl Acetate	4.68	43	2859	3.012	ug/l	97
20) Methylene Chloride	4.92	84	12904	Below Cal		95
31) Cyclohexane	7.95	56	4016	1.468	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	12432	5.040	ug/l #	51
38) Carbon Tetrachloride	7.95	117	16493	6.001	ug/l #	17
39) Methylcyclohexane	9.34	83	10474	3.772	ug/l	94
48) Methyl methacrylate	9.52	41	1201	1.223	ug/l #	65
52) Toluene	10.40	92	20608	4.523	ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	10388	7.767	ug/l #	22
56) Ethyl methacrylate	10.67	69	3826	2.389	ug/l #	9
59) 2-Hexanone	10.94	43	8124	11.506	ug/l #	30
67) Ethyl Benzene	11.74	91	84015	48.380	ug/l	100
68) m/p-Xylenes	11.85	106	73533	109.889	ug/l	100
69) o-Xylene	12.17	106	269561	433.395	ug/l	96
70) Styrene	12.17	104	15264	14.468	ug/l #	1
73) Isopropylbenzene	12.47	105	57629	13.019	ug/l	100
74) N-amyl acetate	12.26	43	27809	28.867	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.69	83	4635	6.103	ug/l #	94
76) 1,2,3-Trichloropropane	12.81	75	1528	2.613	ug/l #	100
78) n-propylbenzene	12.81	91	175565	33.345	ug/l	99
79) 2-Chlorotoluene	12.91	91	41590	13.262	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.95	105	838359	218.086	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.46	75	769	3.325	ug/l #	47
82) 4-Chlorotoluene	12.95	91	90222	27.294	ug/l #	44
83) tert-Butylbenzene	13.21	119	12585	3.926	ug/l	90
84) 1,2,4-Trimethylbenzene	13.26	105	485946	123.115	ug/l	99
85) sec-Butylbenzene	13.39	105	137198	29.647	ug/l	85
86) p-Isopropyltoluene	13.51	119	96225	23.165	ug/l	98
89) n-Butylbenzene	13.83	91	82341	21.523	ug/l #	62
90) Hexachloroethane	14.10	117	49450	63.314	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1321	8.996	ug/l #	3

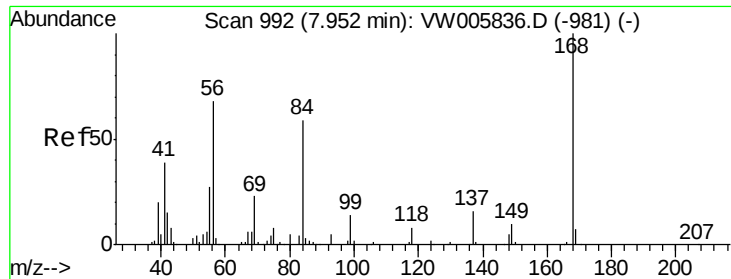
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
Data File : VW005847.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 07:08:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	11142	6.167	ug/l #	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

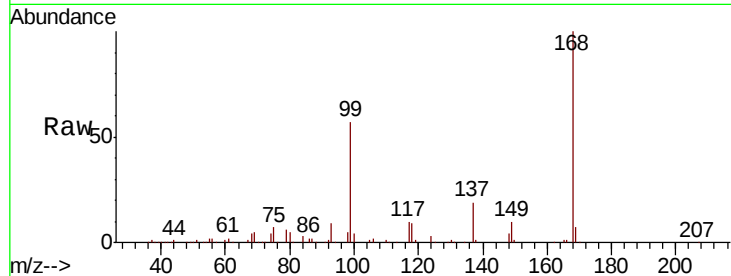
HR-06-100218-ARE

Tot Ion:168 Resp: 164846

Ion Ratio Lower Upper

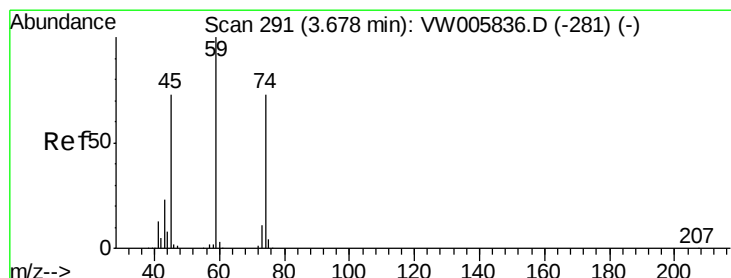
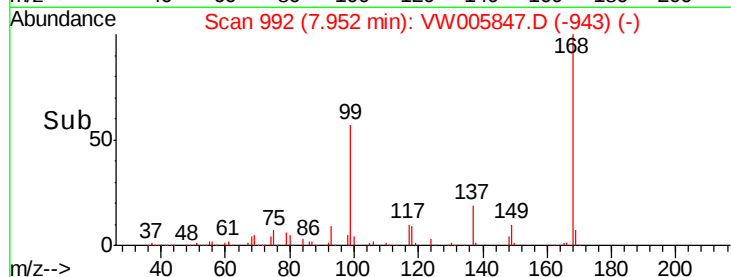
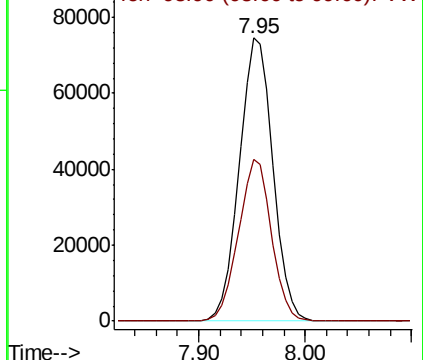
168 100

99 57.1 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.792 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005847.D

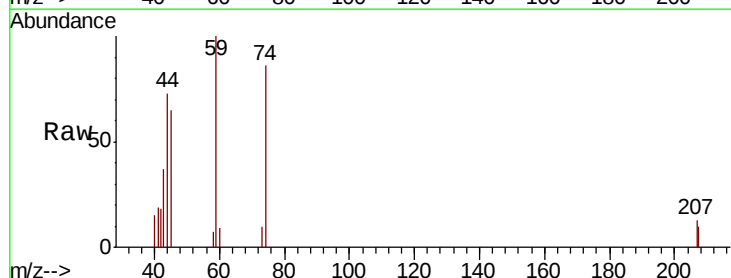
Acq: 04 Oct 2018 10:04

Tgt Ion: 74 Resp: 1552

Ion Ratio Lower Upper

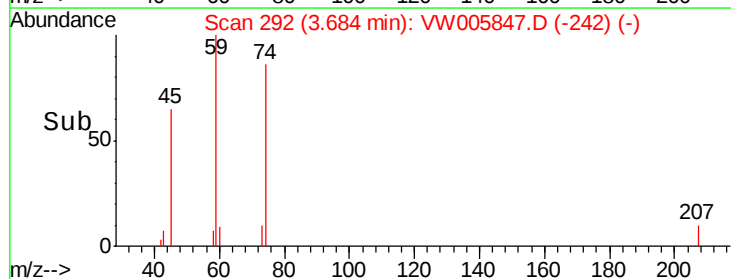
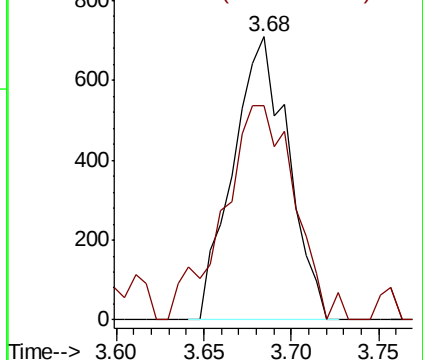
74 100

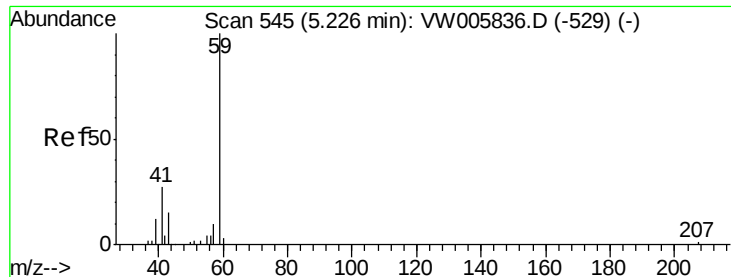
45 97.8 49.1 147.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



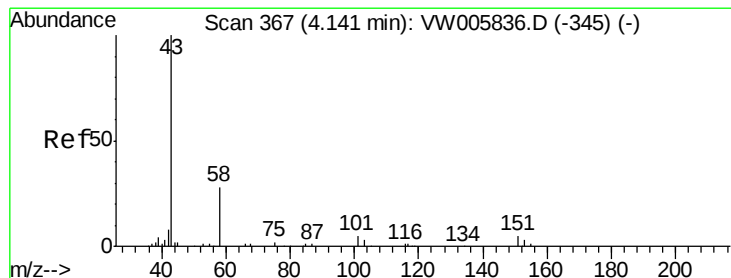
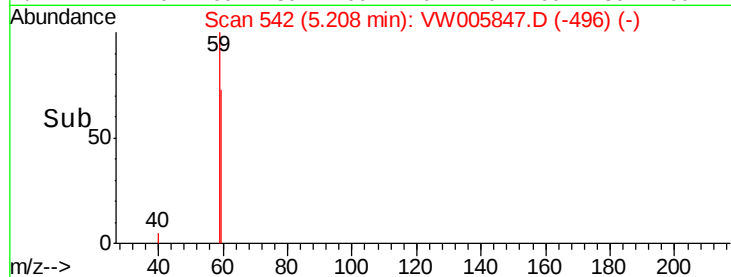
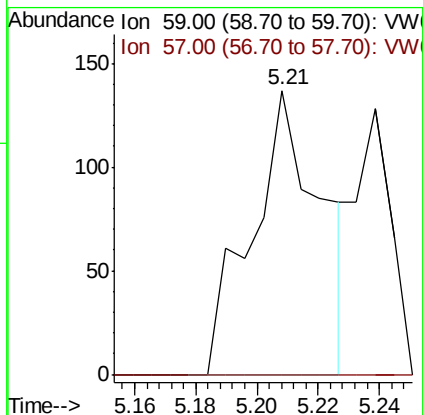
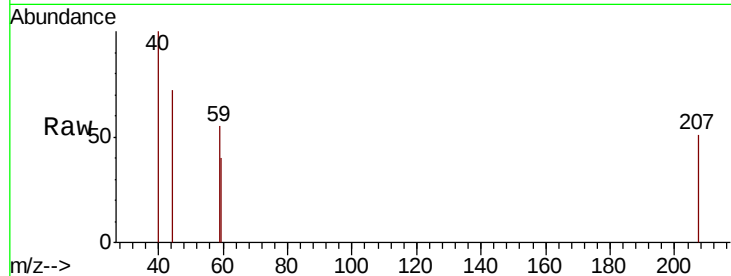


#11

Tert butvl alcohol
Concen: 1.778 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.02 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

Instrument :
MSVOA_W
ClientSampleId :
HR-06-100218-ARE

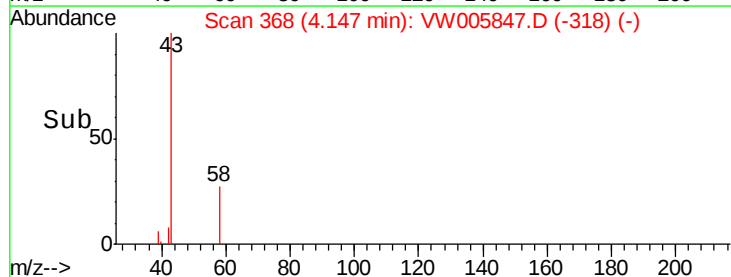
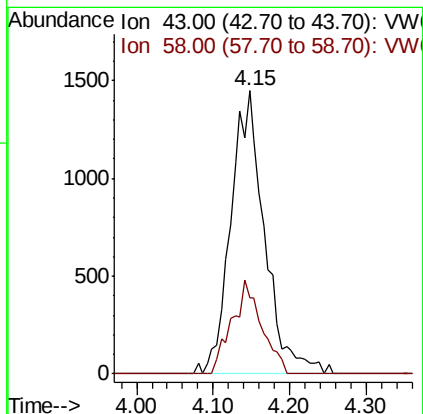
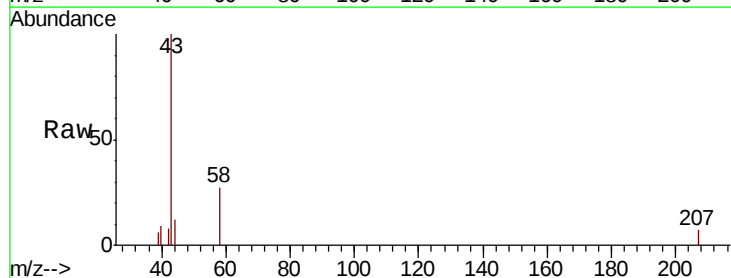
Tot Ion: 59 Resp: 215
Ion Ratio Lower Upper
59 100
57 0.0 4.9 7.3#

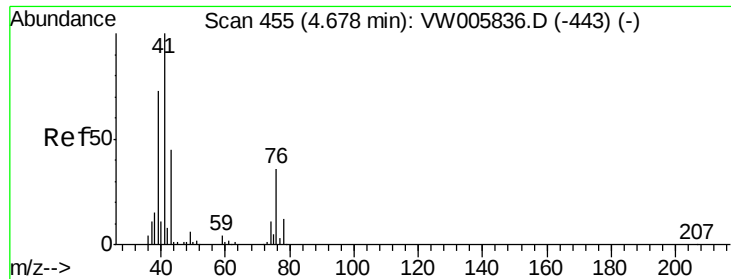


#16

Acetone
Concen: 13.360 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

Tgt Ion: 43 Resp: 4459
Ion Ratio Lower Upper
43 100
58 26.9 23.0 34.4

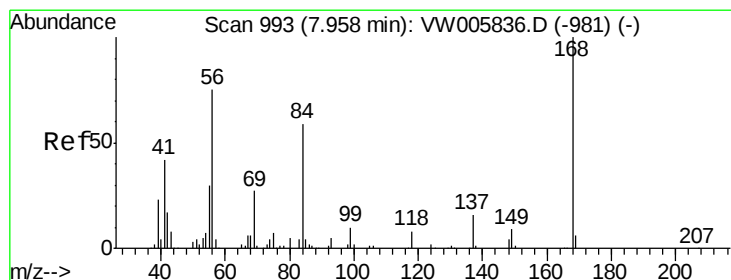
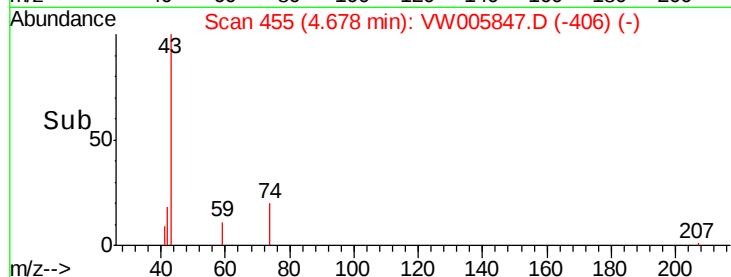
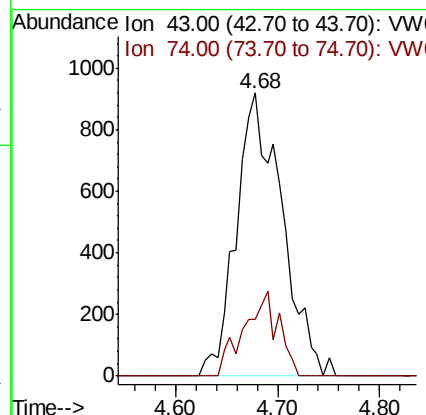
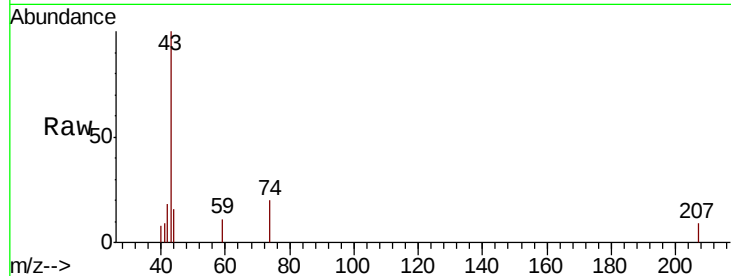




#18
Methvl Acetate
Concen: 3.012 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

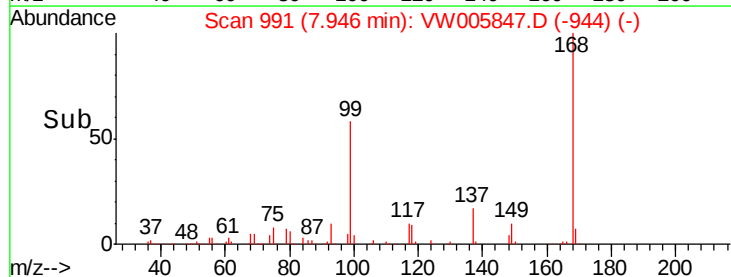
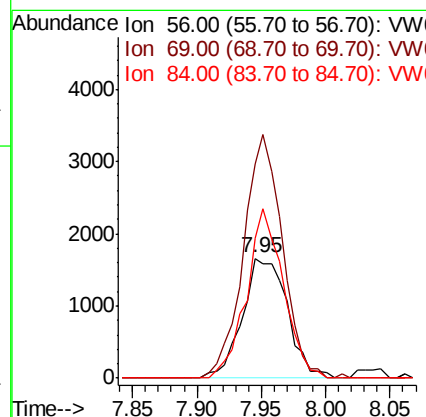
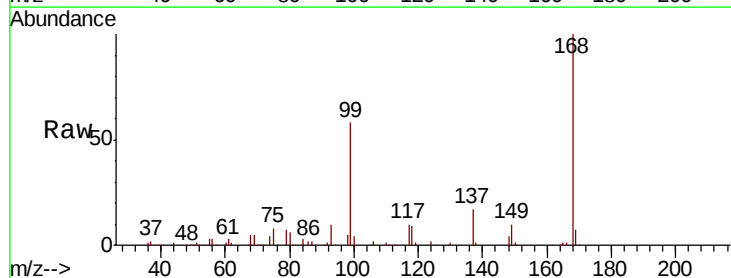
Instrument :
MSVOA_W
ClientSampleId :
HR-06-100218-ARE

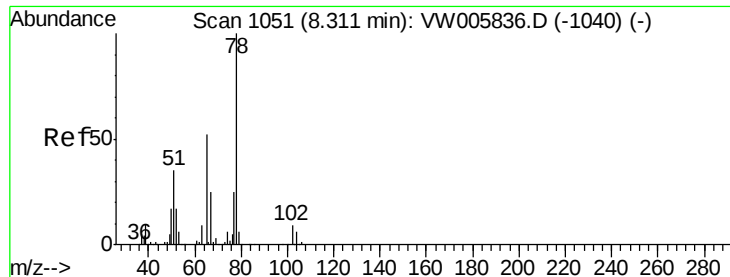
Tot Ion: 43 Resp: 2859
Ion Ratio Lower Upper
43 100
74 22.8 19.5 29.3



#31
Cyclohexane
Concen: 1.468 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

Tgt Ion: 56 Resp: 4016
Ion Ratio Lower Upper
56 100
69 178.8 29.0 43.4#
84 117.1 63.5 95.3#

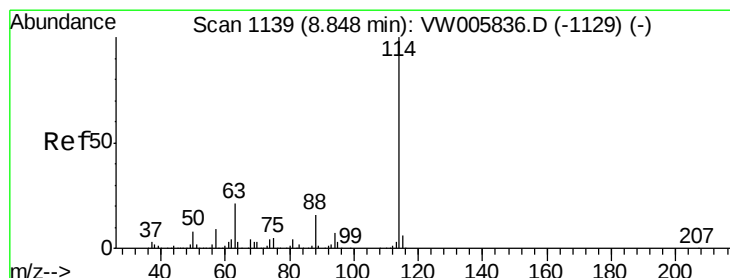
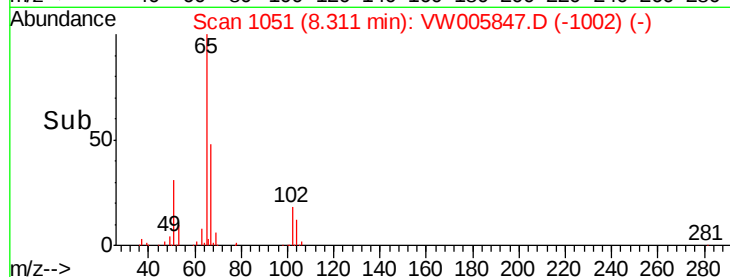
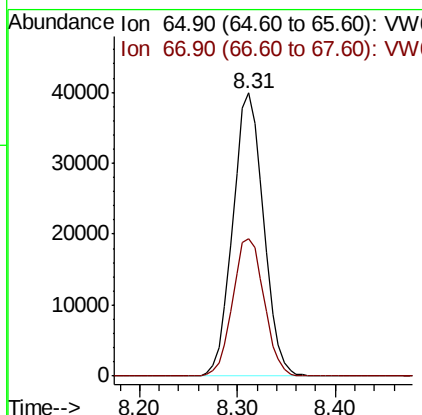
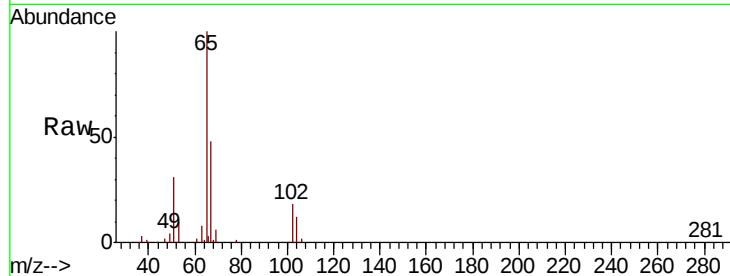




#33
 1,2-Dichloroethane-d4
 Concen: 43.501 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005847.D
 Acq: 04 Oct 2018 10:04

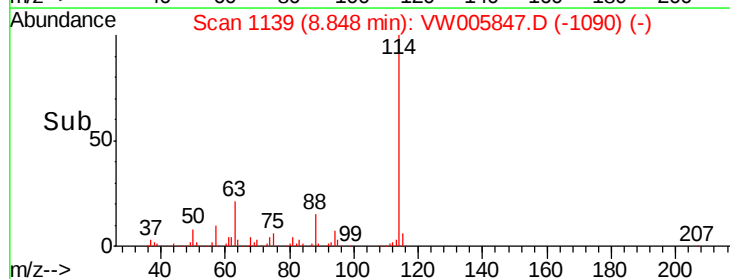
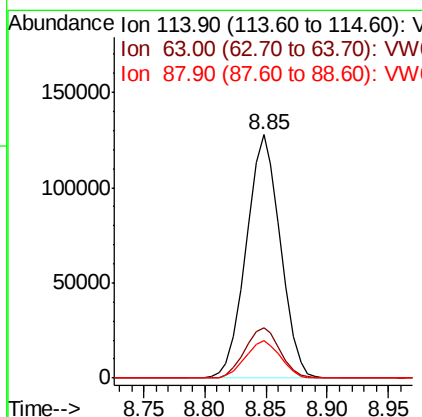
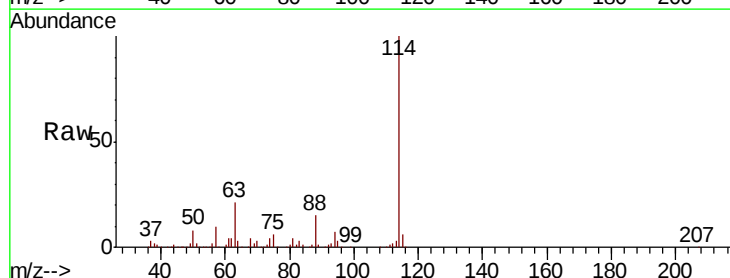
Instrument :
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 ClientSampleId :
 HR-06-100218-ARE

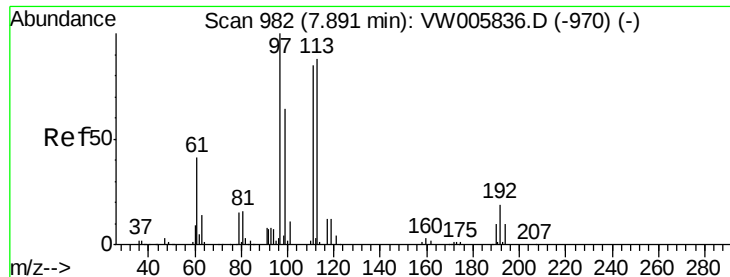
Tot Ion: 65 Resp: 86995
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005847.D
 Acq: 04 Oct 2018 10:04

Tgt Ion: 114 Resp: 248148
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.0
 88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.453 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Instrument :
MSVOA_W
ClientSampleId :
HR-06-100218-ARE

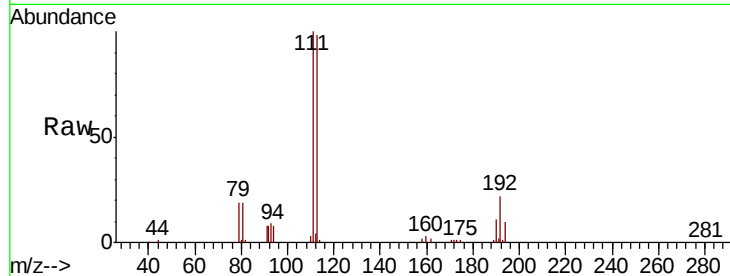
Tot Ion:113 Resp: 72302

Ion Ratio Lower Upper

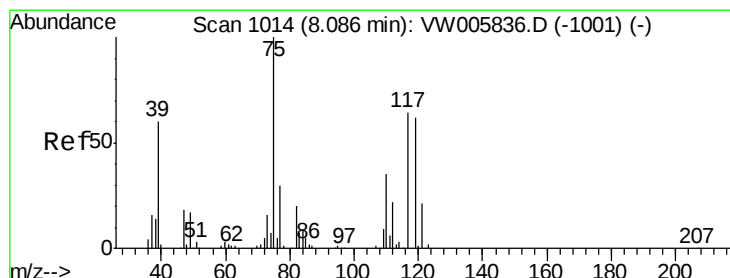
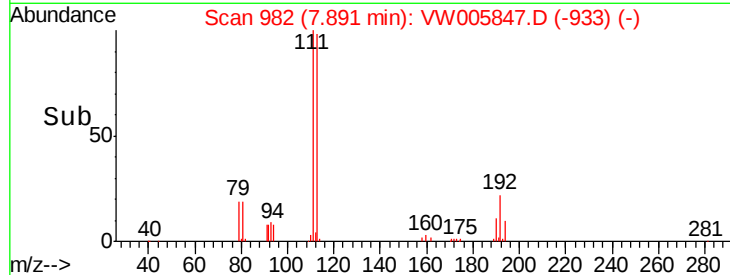
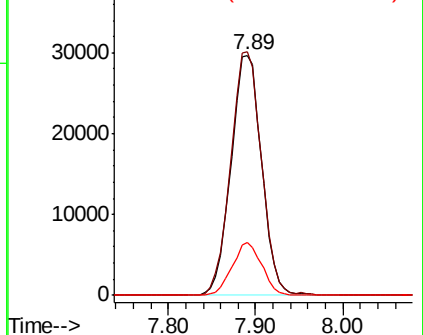
113 100

111 101.6 81.4 122.2

192 21.3 17.3 25.9



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: 5.040 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

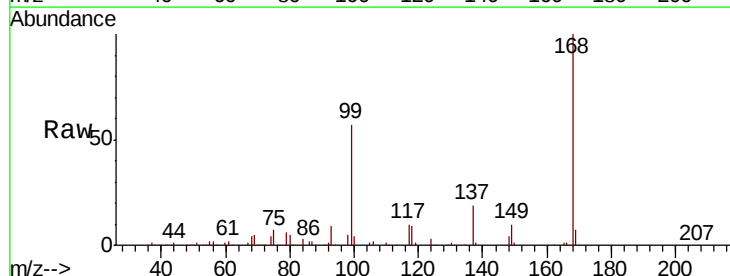
Tgt Ion: 75 Resp: 12432

Ion Ratio Lower Upper

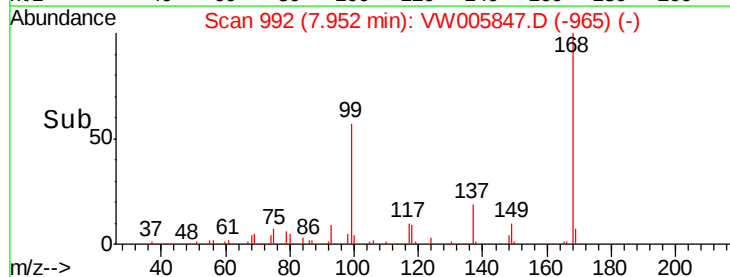
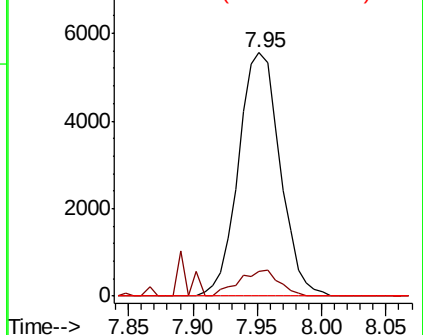
75 100

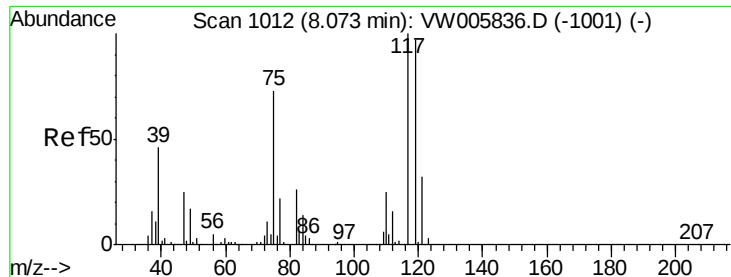
110 10.4 17.5 52.6#

77 0.0 24.8 37.2#



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

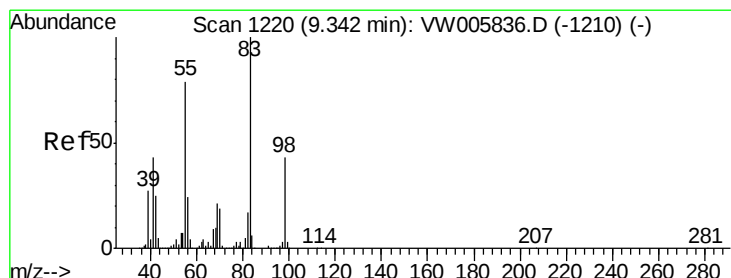
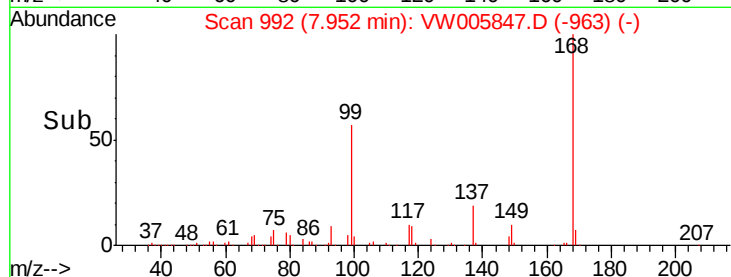
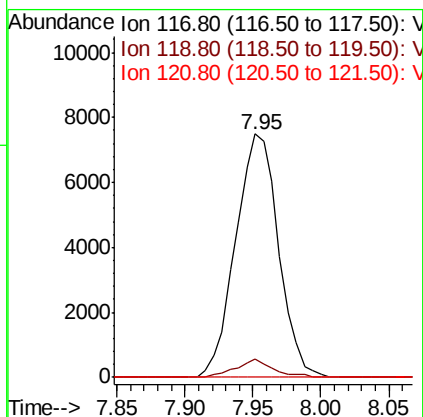
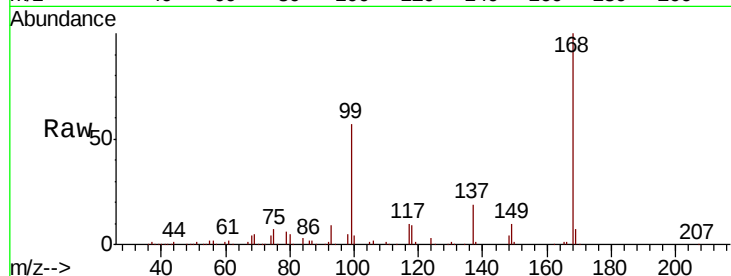




#38
Carbon Tetrachloride
Concen: 6.001 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

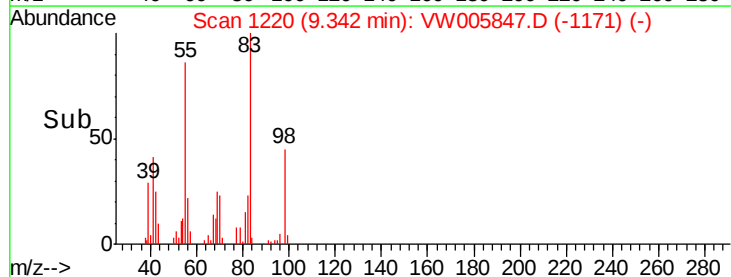
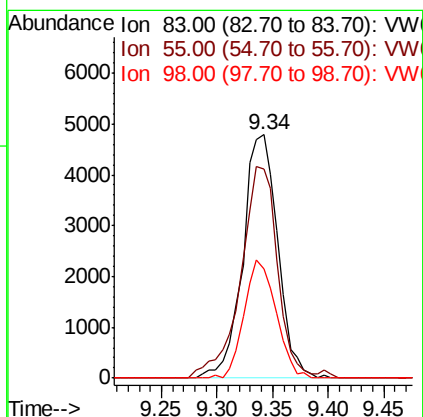
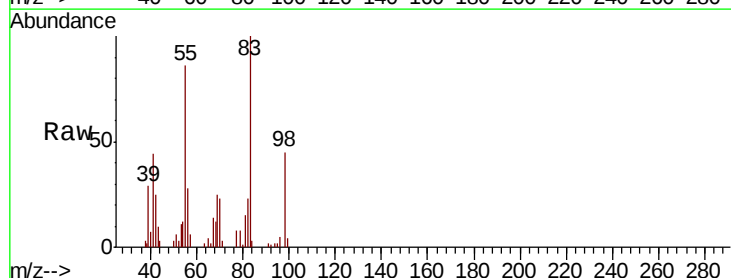
Instrument :
MSVOA_W
ClientSampleId :
HR-06-100218-ARE

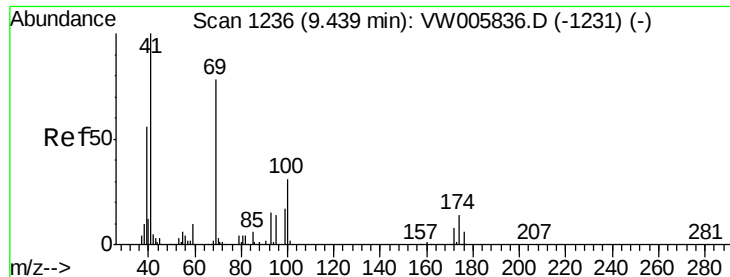
Tot Ion:117 Resp: 16493
Ion Ratio Lower Upper
117 100
119 7.8 77.9 116.9#
121 0.0 25.2 37.8#



#39
Methylcyclohexane
Concen: 3.772 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

Tgt Ion: 83 Resp: 10474
Ion Ratio Lower Upper
83 100
55 85.9 63.0 94.4
98 44.8 34.5 51.7

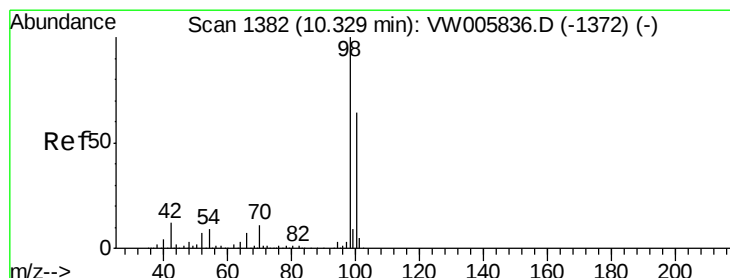
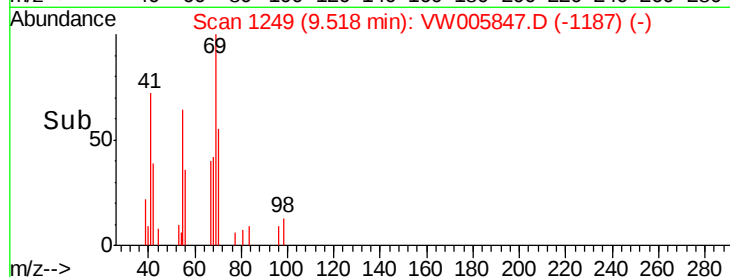
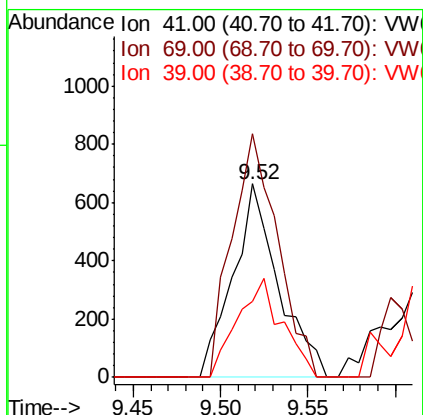
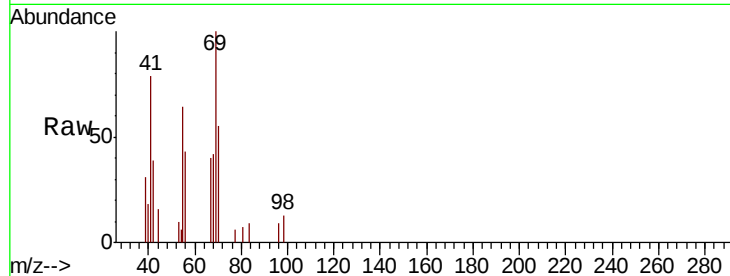




#48
Methvl methacrilate
Concen: 1.223 ug/l
RT: 9.52 min Scan# 1249
Delta R.T. 0.08 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

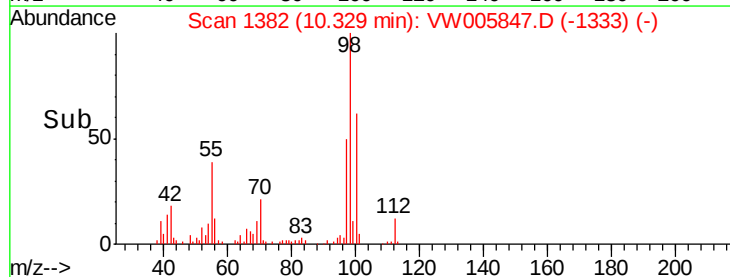
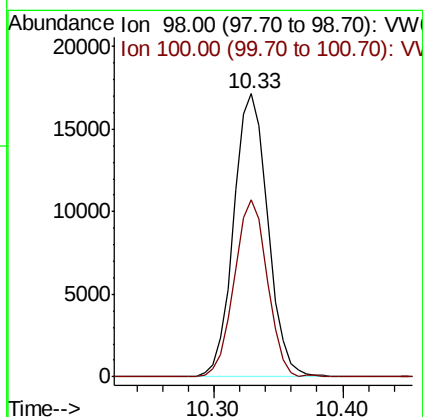
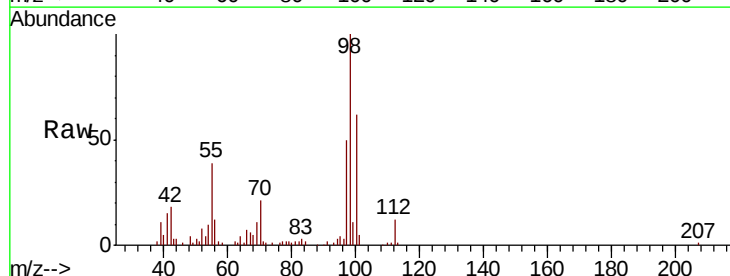
Instrument :
MSVOA_W
ClientSampleId :
HR-06-100218-ARE

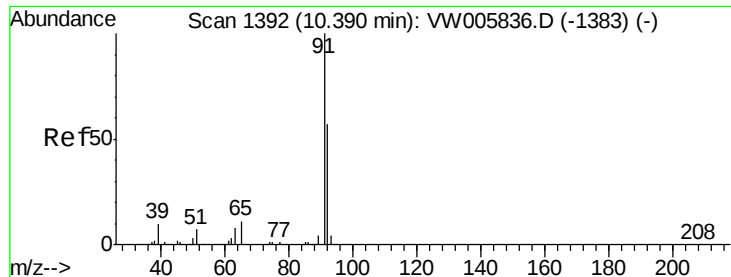
Tot Ion: 41 Resp: 1201
Ion Ratio Lower Upper
41 100
69 126.6 66.4 99.6#
39 50.0 50.1 75.1#



#50
Toluene-d8
Concen: 4.876 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

Tgt Ion: 98 Resp: 31488
Ion Ratio Lower Upper
98 100
100 60.4 51.7 77.5





#52

Toluene

Concen: 4.523 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

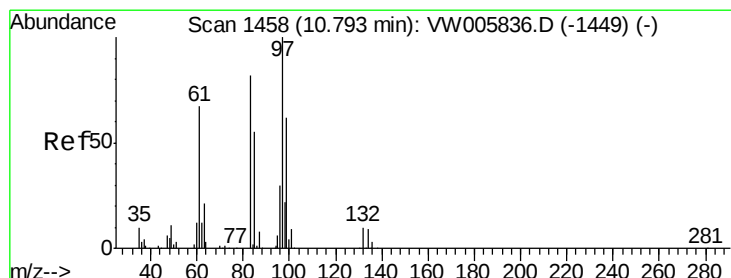
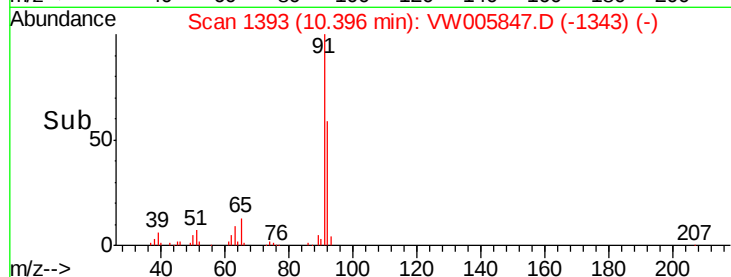
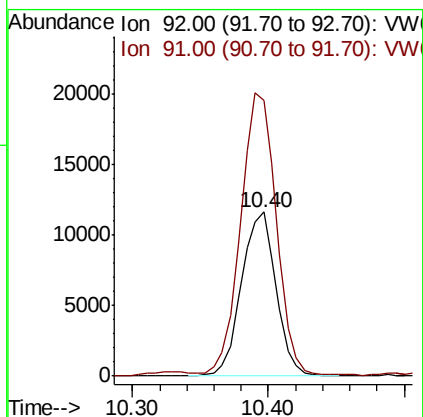
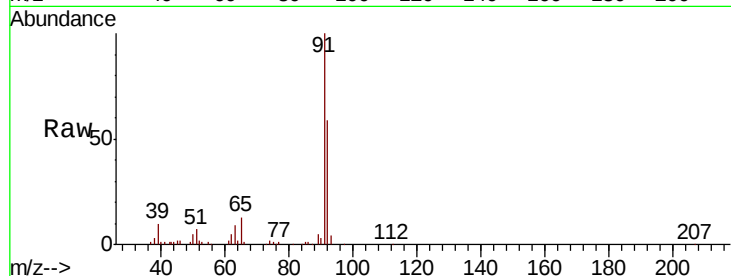
HR-06-100218-ARE

Tot Ion: 92 Resp: 20608

Ion Ratio Lower Upper

92 100

91 177.5 139.0 208.4



#55

1,1,2-Trichloroethane

Concen: 7.767 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Tgt Ion: 97 Resp: 10388

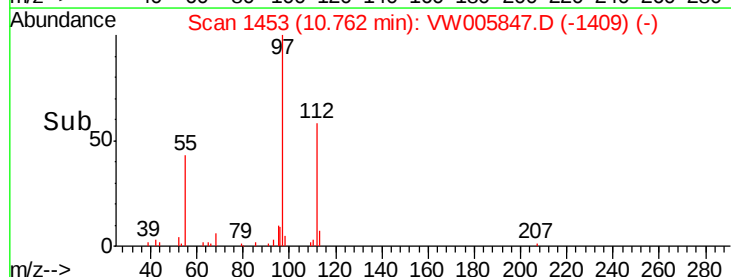
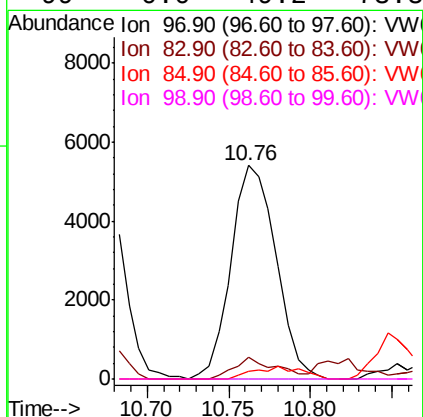
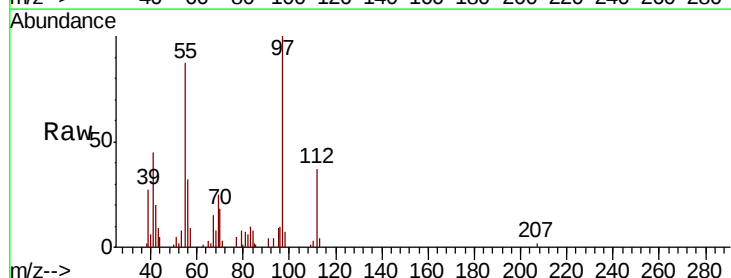
Ion Ratio Lower Upper

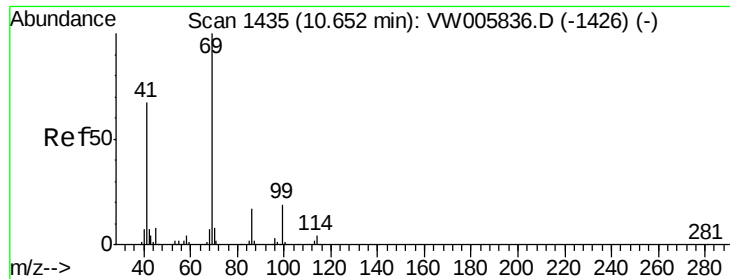
97 100

83 10.3 65.9 98.9#

85 3.3 44.2 66.2#

99 0.0 49.2 73.8#





#56

Ethyl methacrylate

Concen: 2.389 ug/l

RT: 10.67 min Scan# 1438

Delta R.T. 0.02 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

HR-06-100218-ARE

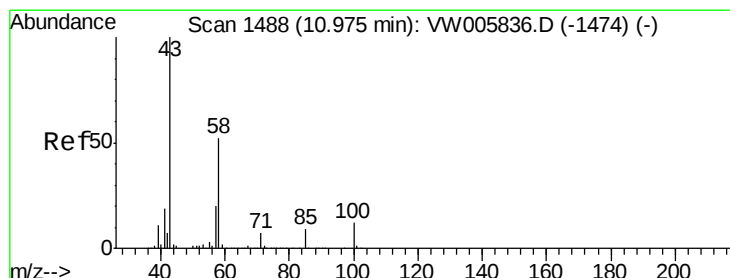
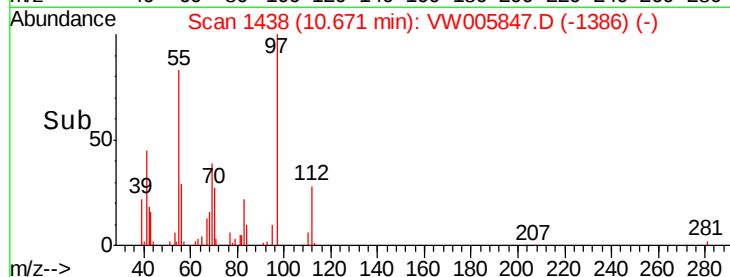
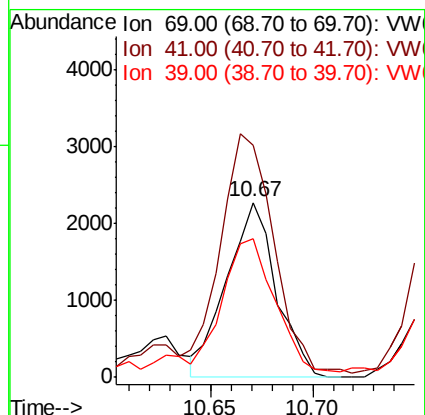
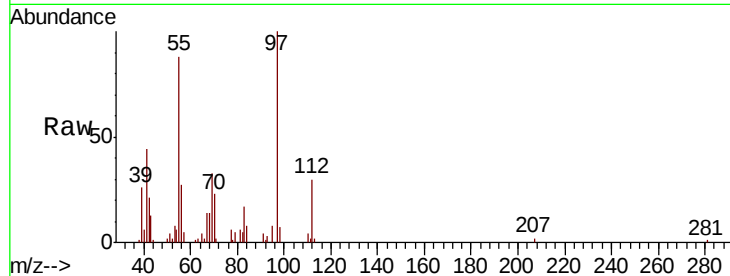
Tot Ion: 69 Resp: 3826

Ion Ratio Lower Upper

69 100

41 147.2 55.8 83.6#

39 86.7 29.3 43.9#



#59

2-Hexanone

Concen: 11.506 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.04 min

Lab File: VW005847.D

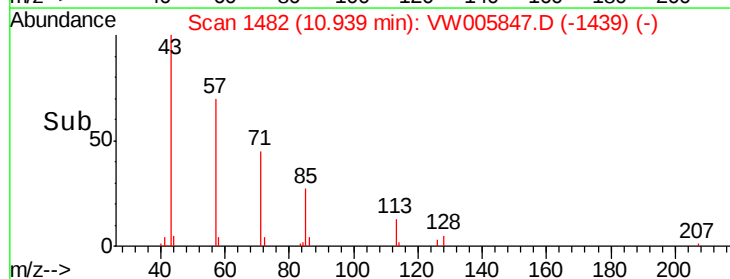
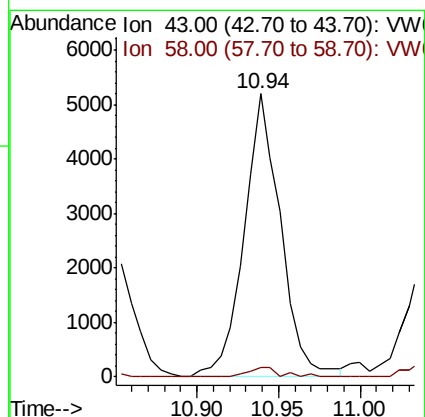
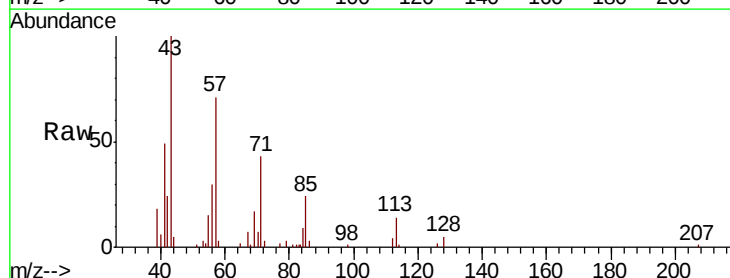
Acq: 04 Oct 2018 10:04

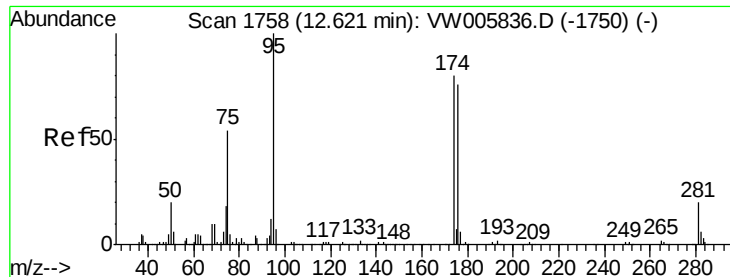
Tgt Ion: 43 Resp: 8124

Ion Ratio Lower Upper

43 100

58 2.9 25.9 77.7#

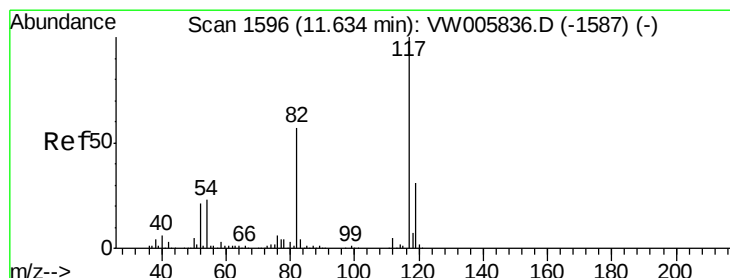
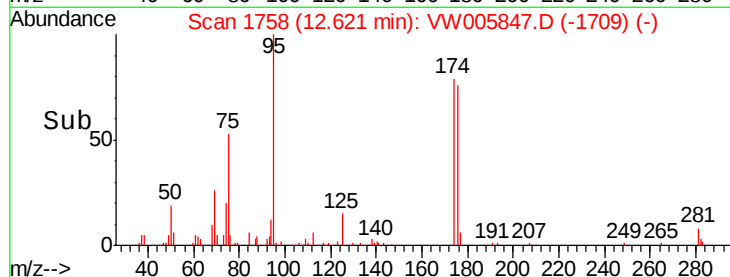
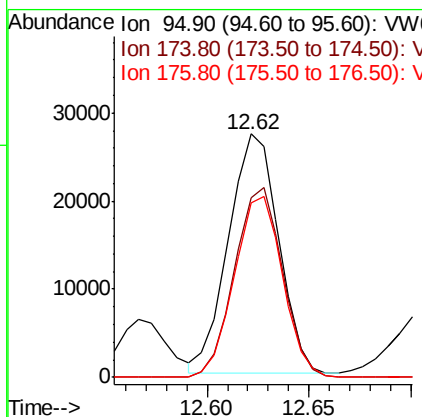
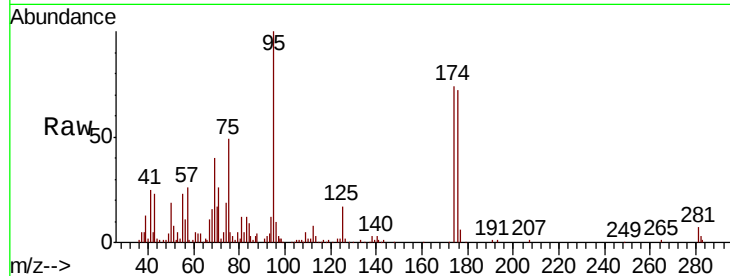




#62
4-Bromofluorobenzene
Concen: 19.238 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

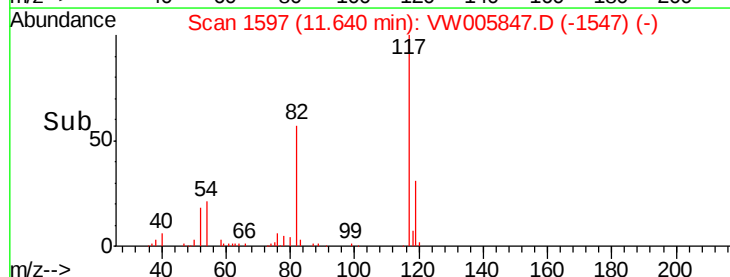
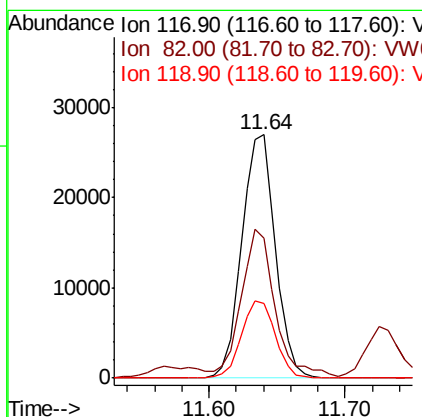
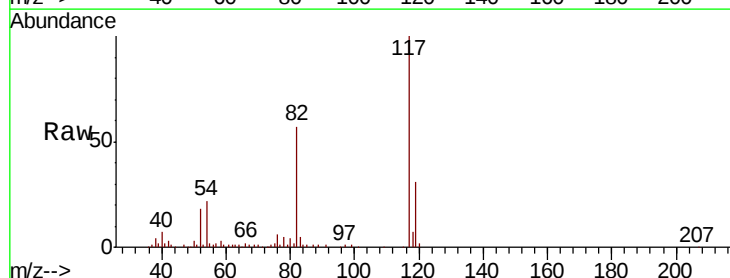
Instrument :
MSVOA_W
ClientSampleId :
HR-06-100218-ARE

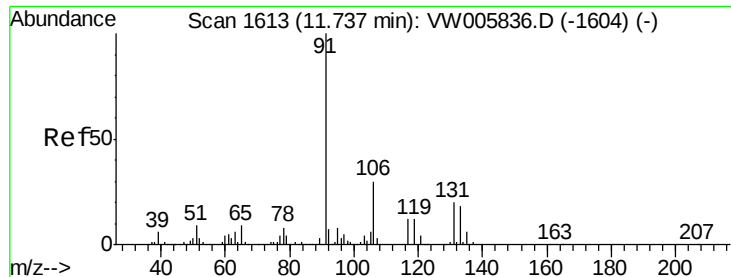
Tot Ion: 95 Resp: 45915
Ion Ratio Lower Upper
95 100
174 77.0 0.0 169.0
176 73.7 0.0 164.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

Tgt Ion: 117 Resp: 46382
Ion Ratio Lower Upper
117 100
82 56.4 45.6 68.4
119 30.9 25.0 37.6

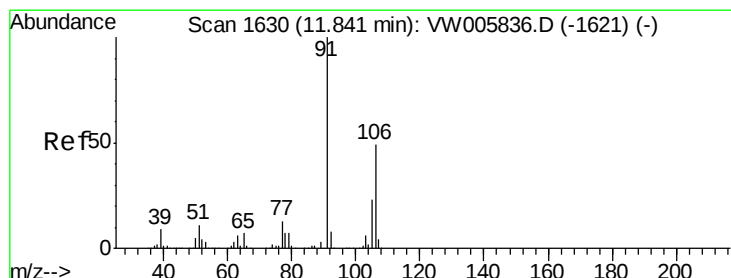
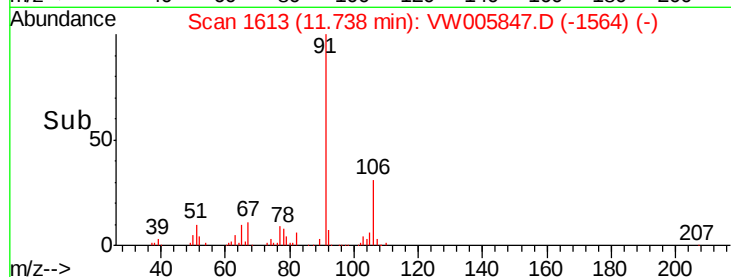
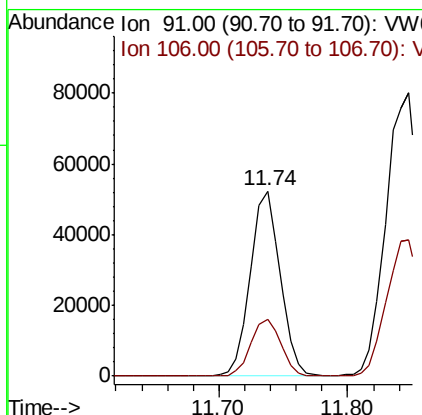
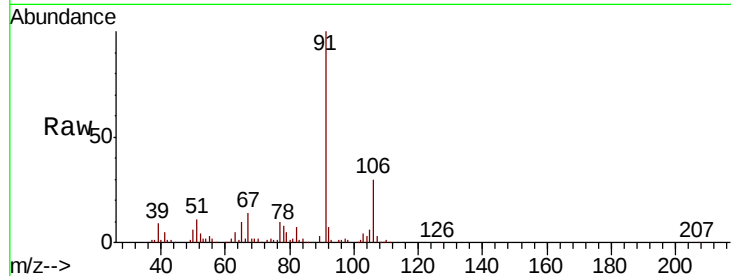




#67
Ethyl Benzene
Concen: 48.380 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

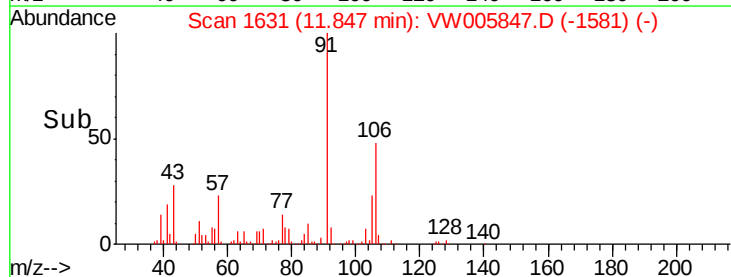
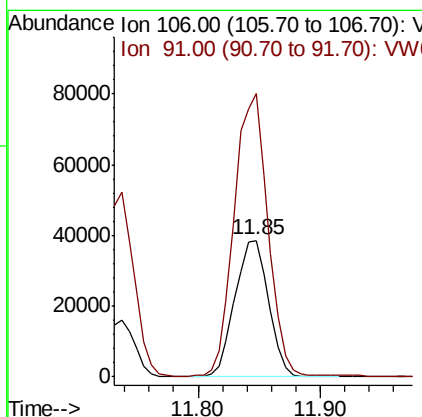
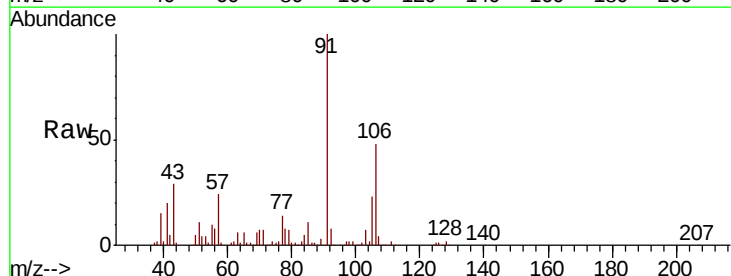
Instrument :
MSVOA_W
ClientSampleId :
HR-06-100218-ARE

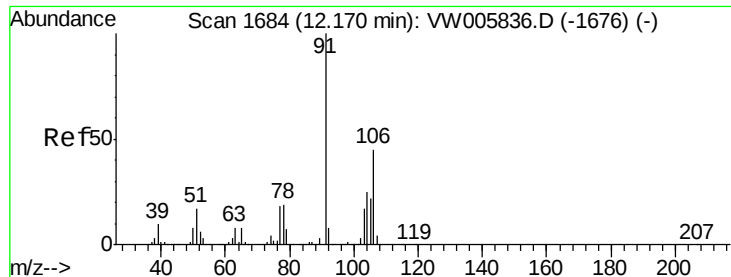
Tot Ion: 91 Resp: 84015
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 109.889 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

Tgt Ion: 106 Resp: 73533
Ion Ratio Lower Upper
106 100
91 206.8 165.4 248.0

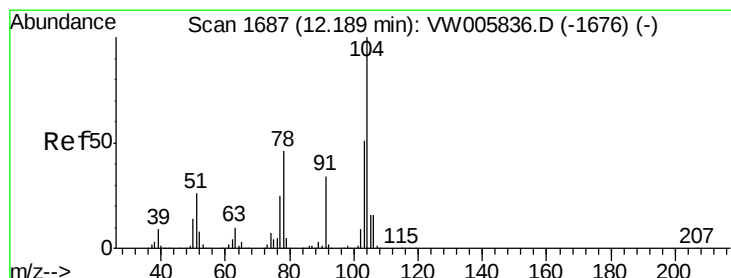
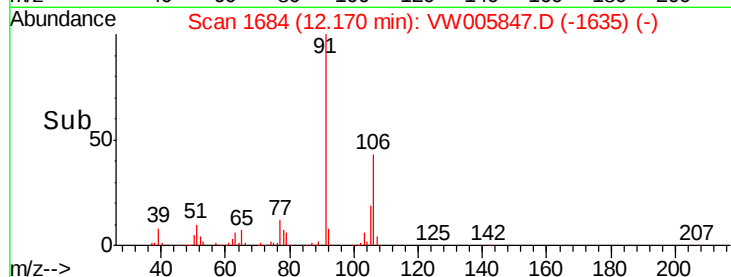
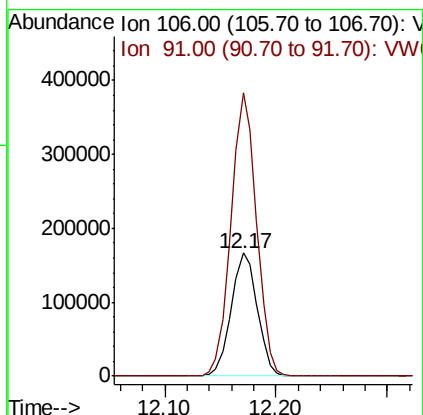
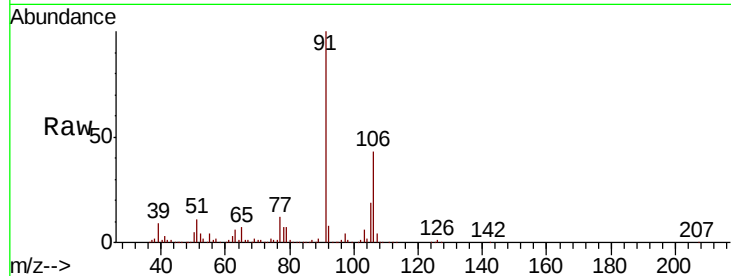




#69
o-Xylene
Concen: 433.395 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

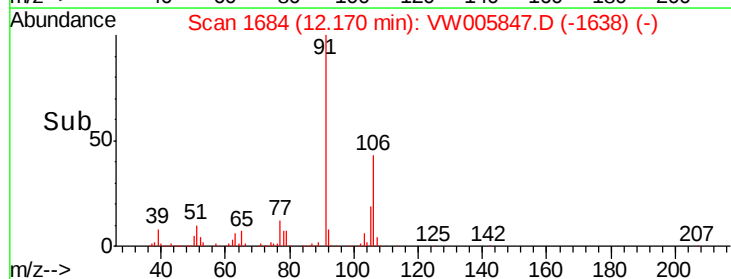
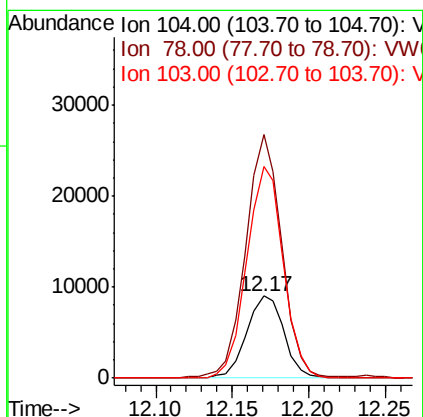
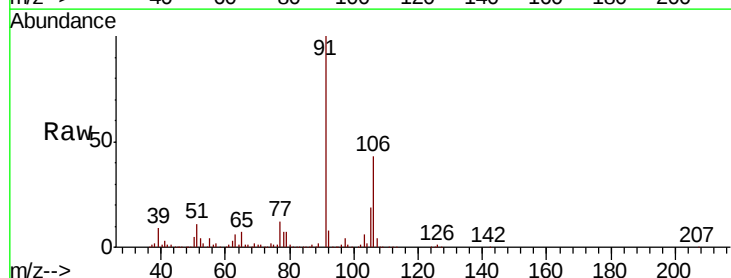
Instrument :
MSVOA_W
ClientSampleId :
HR-06-100218-ARE

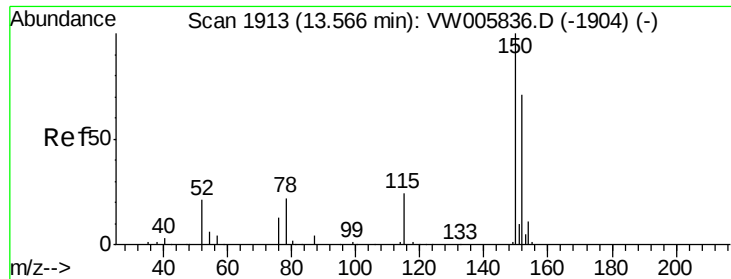
Tot Ion:106 Resp: 269561
Ion Ratio Lower Upper
106 100
91 225.0 109.7 329.1



#70
Styrene
Concen: 14.468 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.02 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

Tgt Ion:104 Resp: 15264
Ion Ratio Lower Upper
104 100
78 290.5 42.3 63.5#
103 252.6 44.9 67.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

HR-06-100218-ARE

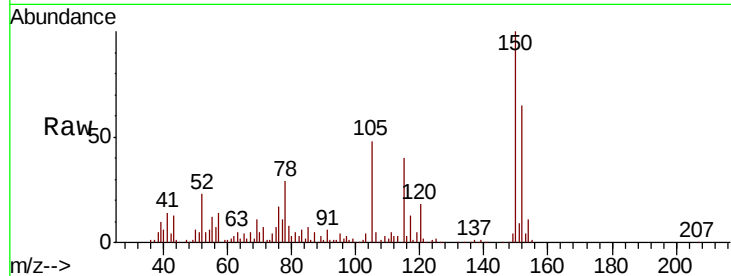
Tot Ion:152 Resp: 64336

Ion Ratio Lower Upper

152 100

115 0.0 29.8 89.4#

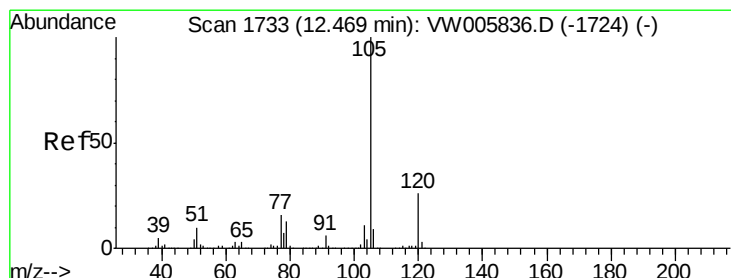
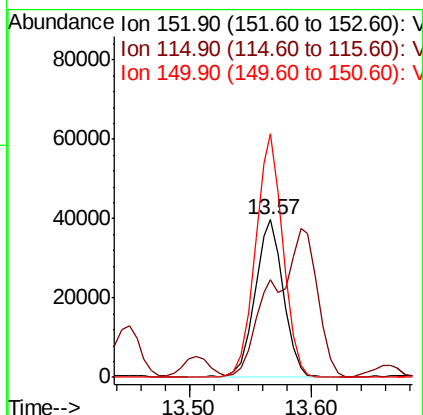
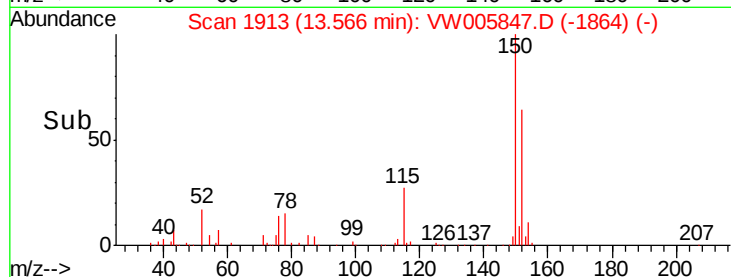
150 148.5 0.0 349.4



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: 13.019 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005847.D

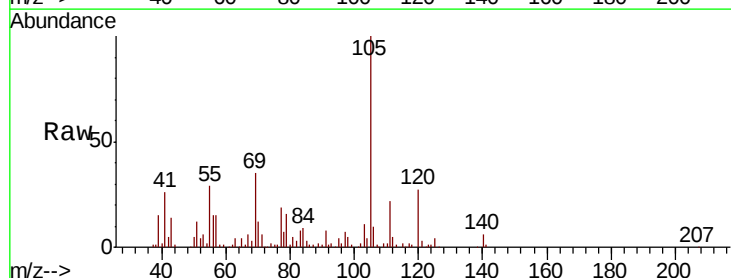
Acq: 04 Oct 2018 10:04

Tgt Ion:105 Resp: 57629

Ion Ratio Lower Upper

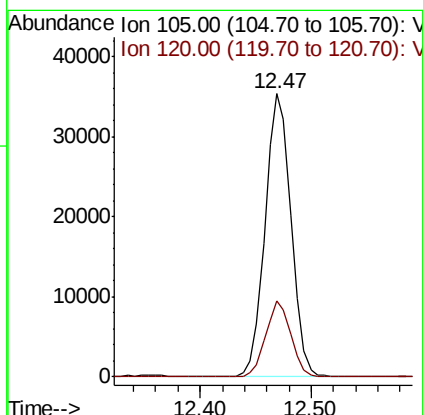
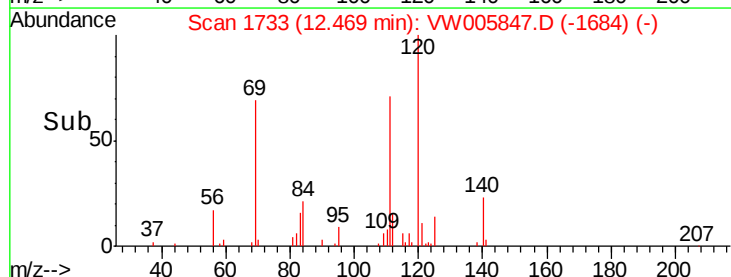
105 100

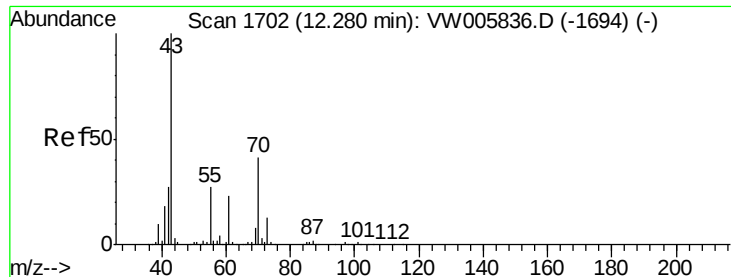
120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 28.867 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

HR-06-100218-ARE

Tot Ion: 43 Resp: 27809

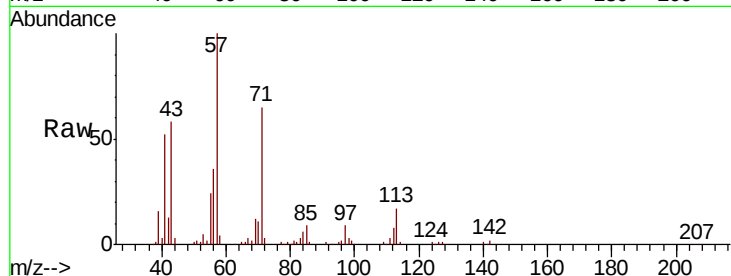
Ion Ratio Lower Upper

43 100

70 0.0 33.6 50.4#

55 0.0 21.8 32.6#

61 0.0 18.6 28.0#



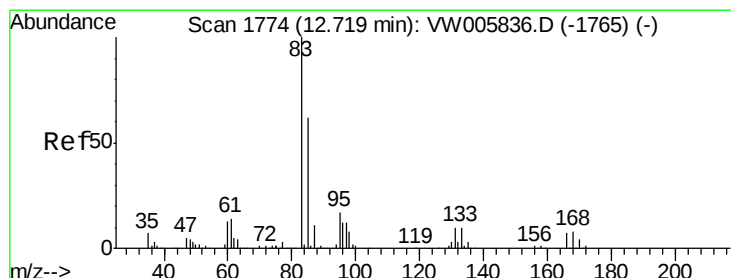
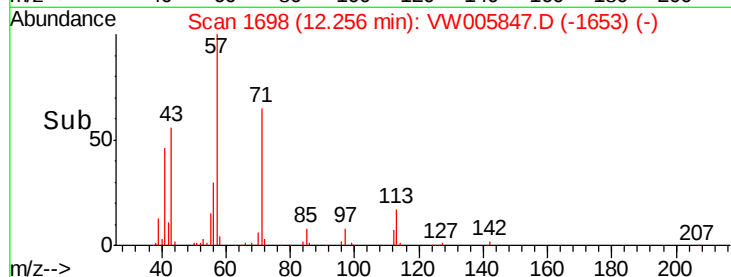
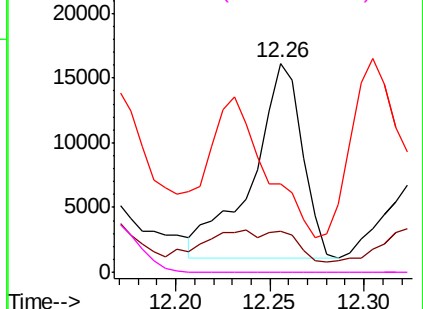
Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 6.103 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

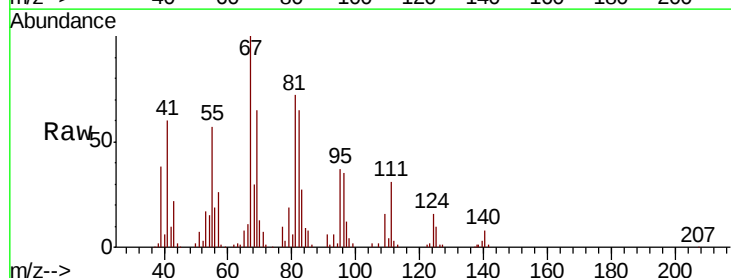
Tgt Ion: 83 Resp: 4635

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.6#

85 64.5 31.8 95.3

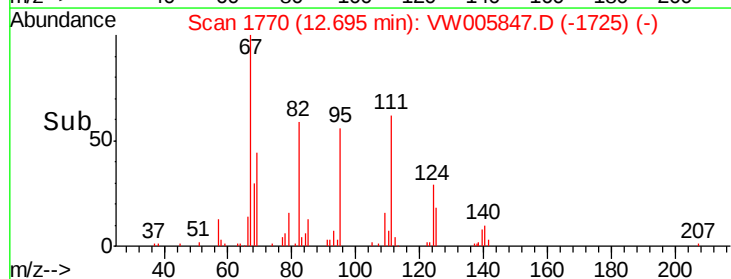
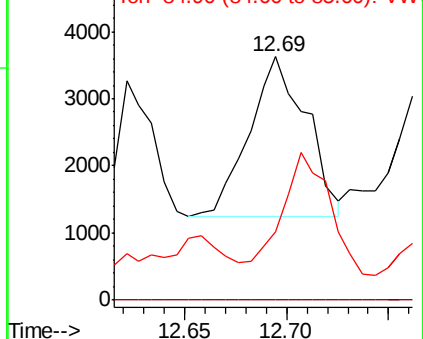


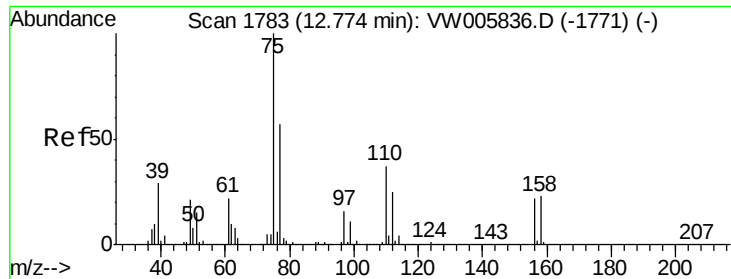
Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

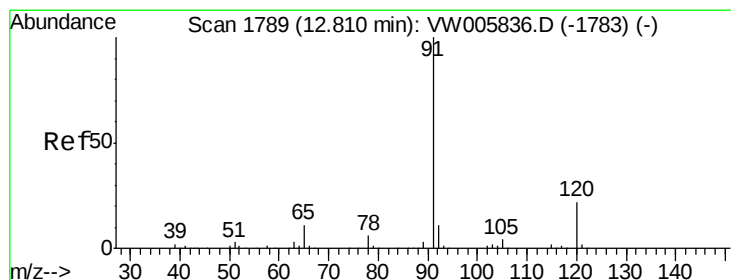
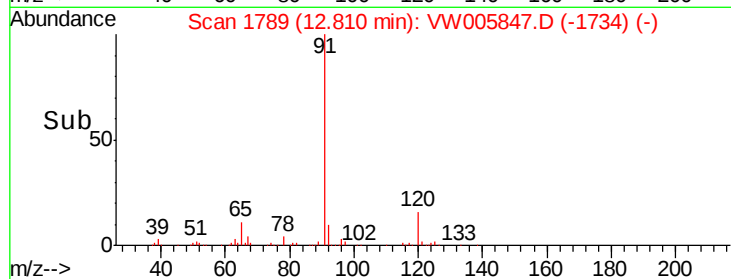
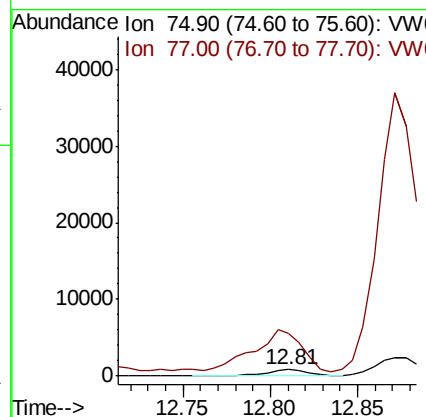
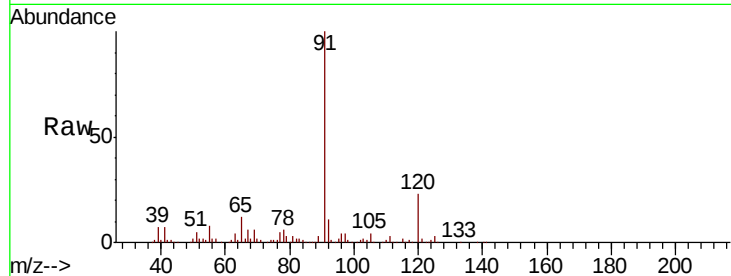




#76
 1,2,3-Trichloropropane
 Concen: 2.613 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. 0.04 min
 Lab File: VW005847.D
 Acq: 04 Oct 2018 10:04

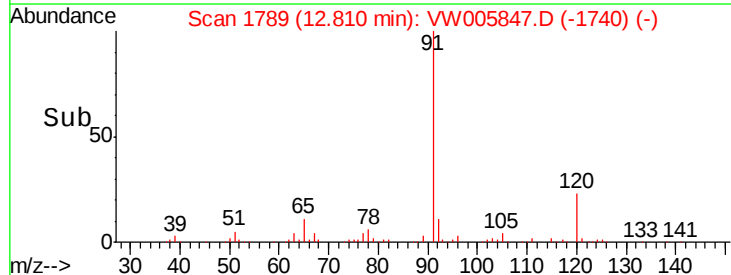
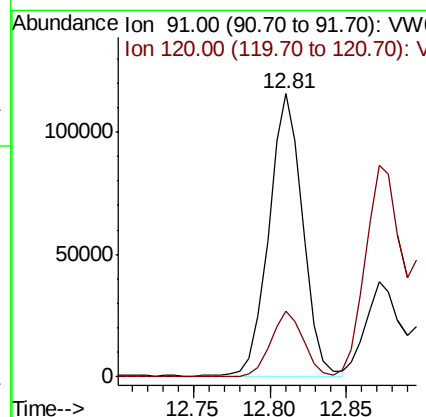
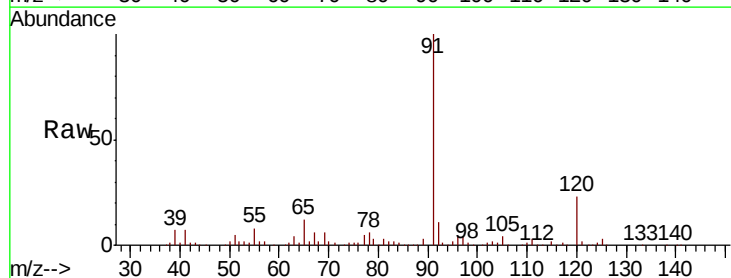
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-100218-ARE

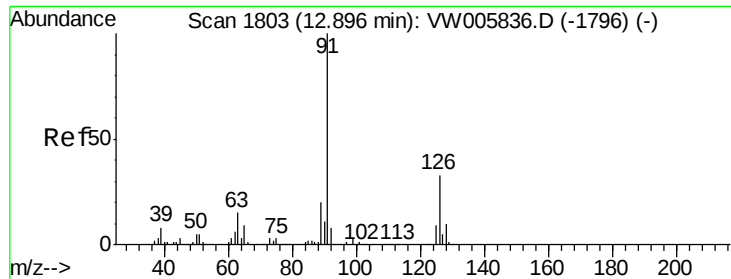
Tot Ion: 75 Resp: 1528
 Ion Ratio Lower Upper
 75 100
 77 747.0 0.0 0.0#



#78
 n-propylbenzene
 Concen: 33.345 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VW005847.D
 Acq: 04 Oct 2018 10:04

Tgt Ion: 91 Resp: 175565
 Ion Ratio Lower Upper
 91 100
 120 22.8 11.3 33.9

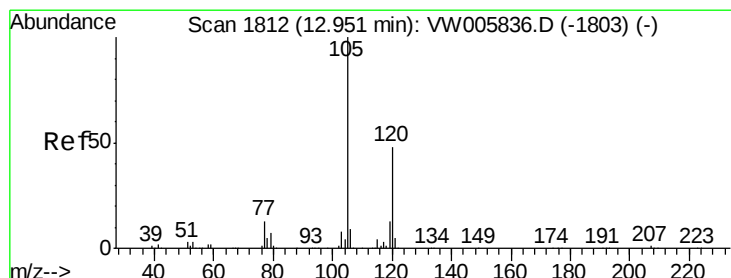
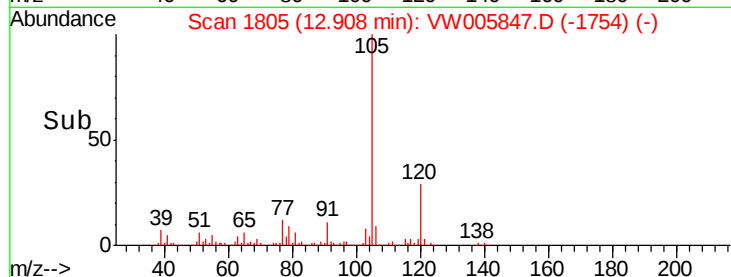
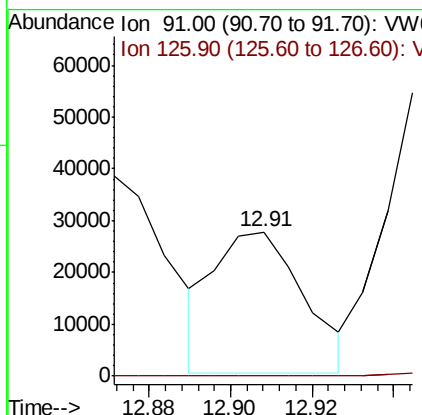
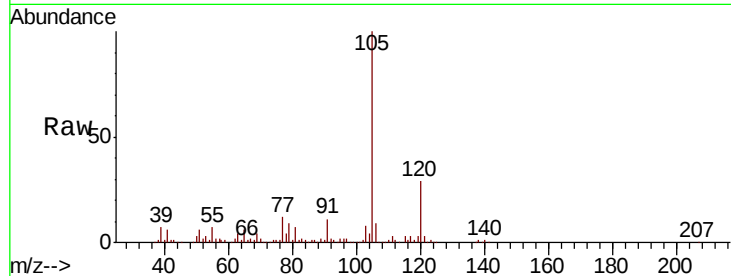




#79
 2-Chlorotoluene
 Concen: 13.262 ug/l
 RT: 12.91 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: VW005847.D
 Acq: 04 Oct 2018 10:04

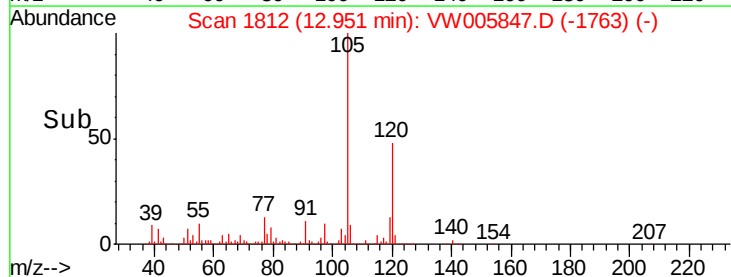
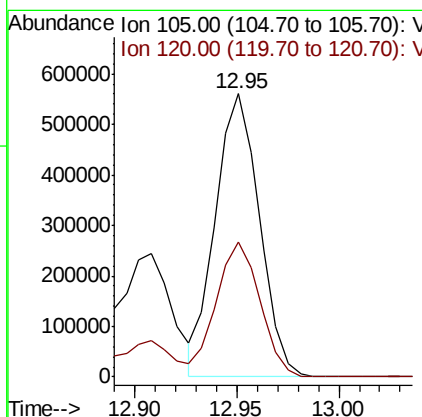
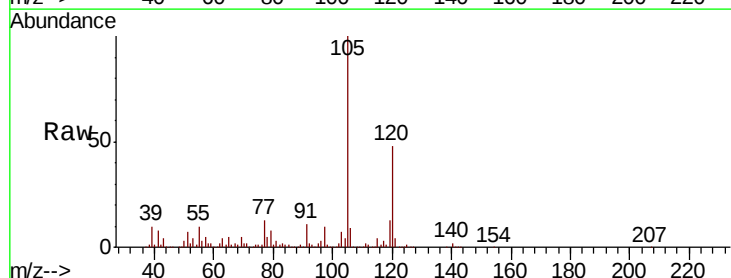
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-100218-ARE

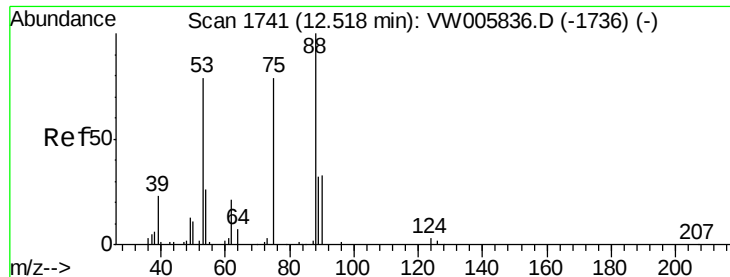
Tot Ion: 91 Resp: 41590
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 218.086 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005847.D
 Acq: 04 Oct 2018 10:04

Tgt Ion: 105 Resp: 838359
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 3.325 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

HR-06-100218-ARE

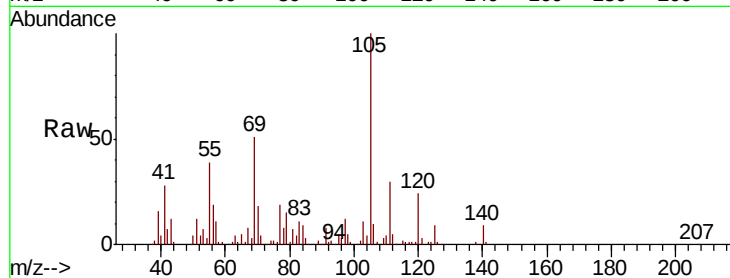
Tot Ion: 75 Resp: 769

Ion Ratio Lower Upper

75 100

53 132.9 83.7 125.5#

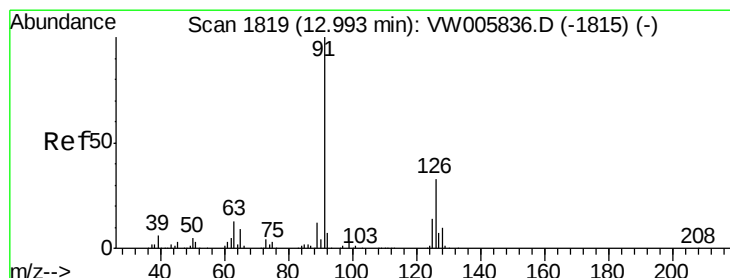
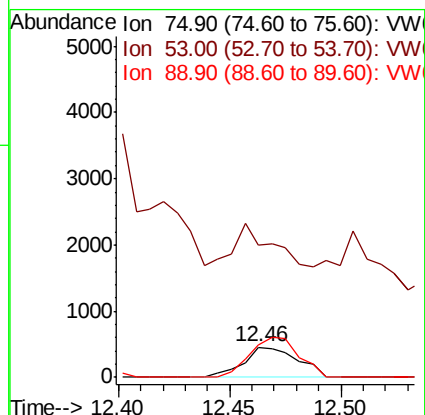
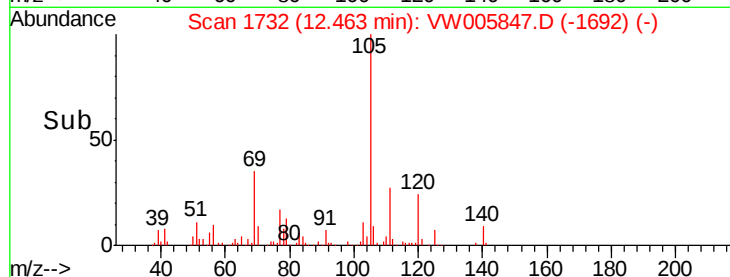
89 120.7 37.5 56.3#



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



#82

4-Chlorotoluene

Concen: 27.294 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.04 min

Lab File: VW005847.D

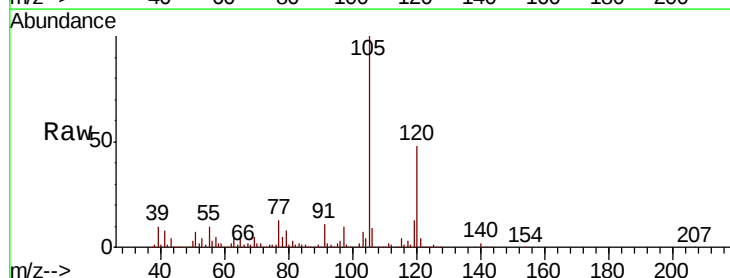
Acq: 04 Oct 2018 10:04

Tgt Ion: 91 Resp: 90222

Ion Ratio Lower Upper

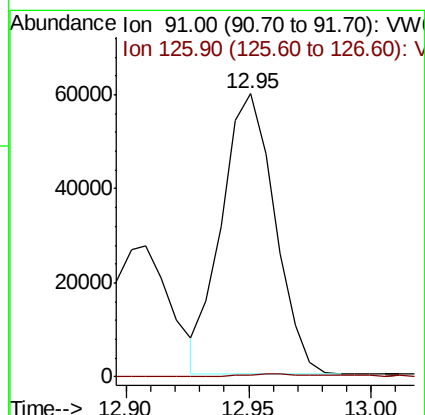
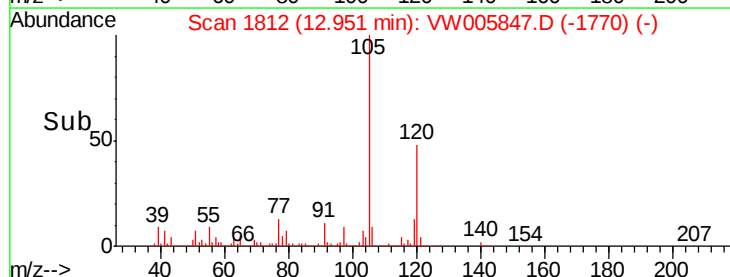
91 100

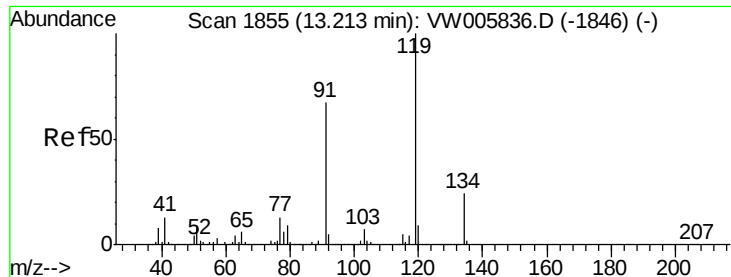
126 1.7 16.7 50.0#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

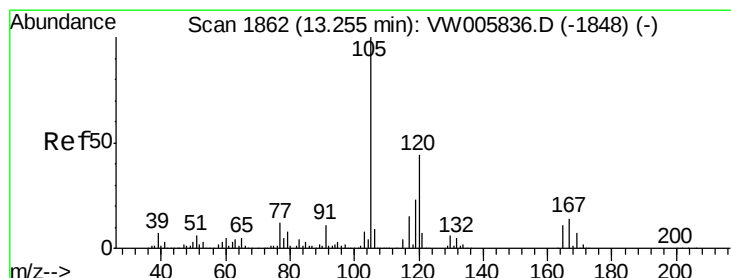
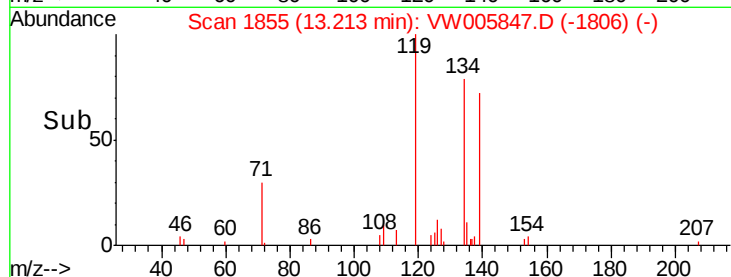
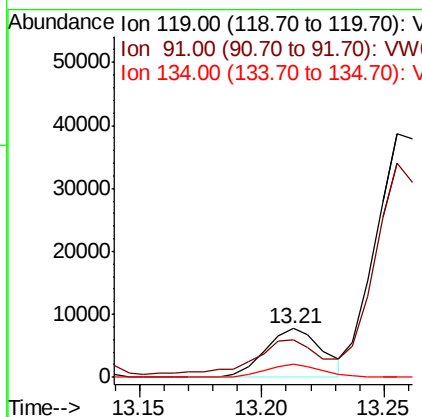
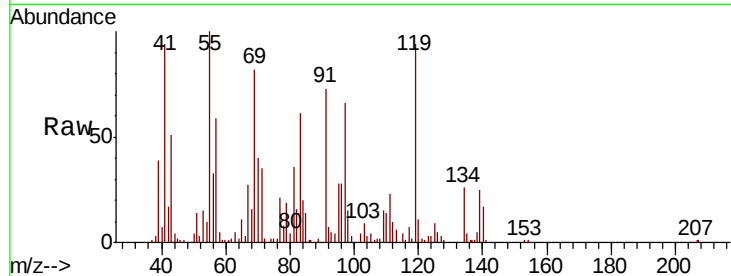




#83
tert-Butylbenzene
Concen: 3.926 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

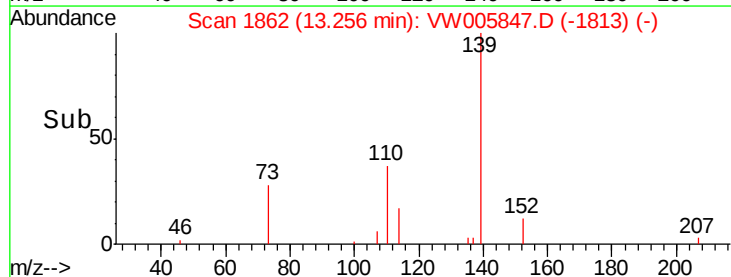
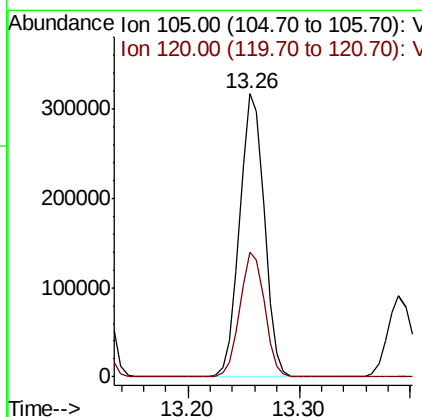
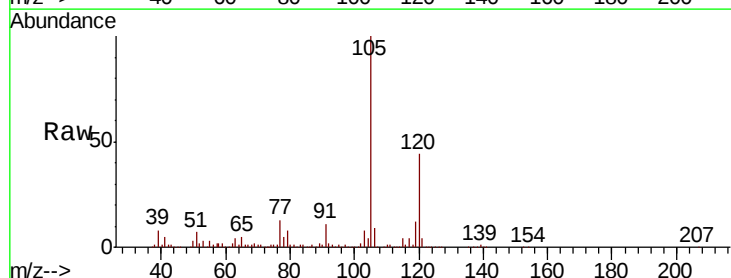
Instrument :
MSVOA_W
ClientSampleId :
HR-06-100218-ARE

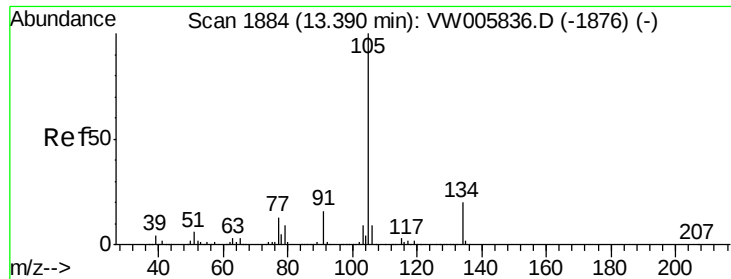
Tot Ion:119 Resp: 12585
Ion Ratio Lower Upper
119 100
91 77.2 33.4 100.2
134 26.0 12.8 38.3



#84
1,2,4-Trimethylbenzene
Concen: 123.115 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW005847.D
Acq: 04 Oct 2018 10:04

Tgt Ion:105 Resp: 485946
Ion Ratio Lower Upper
105 100
120 44.3 21.9 65.7





#85

sec-Butylbenzene

Concen: 29.647 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

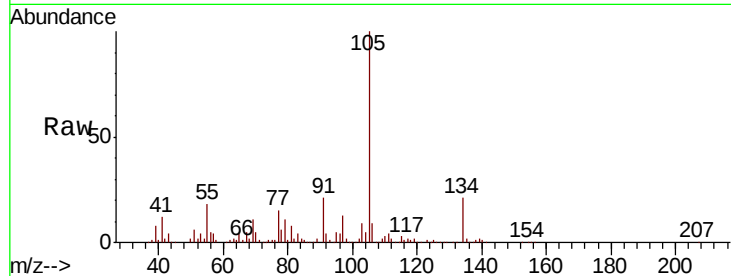
HR-06-100218-ARE

Tot Ion:105 Resp: 137198

Ion Ratio Lower Upper

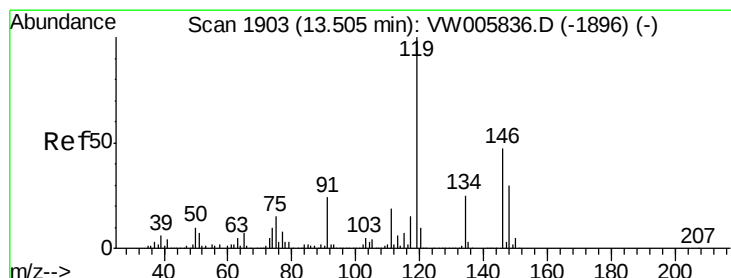
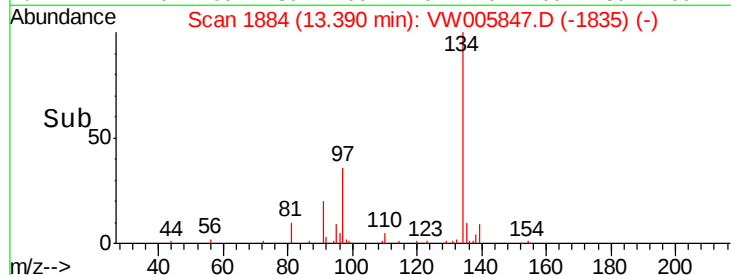
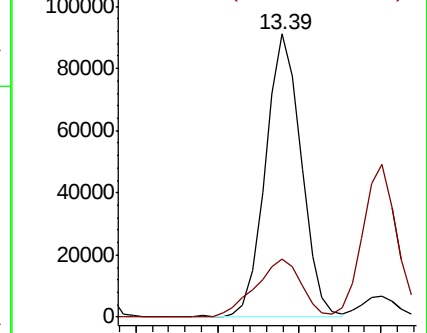
105 100

134 26.7 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.165 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

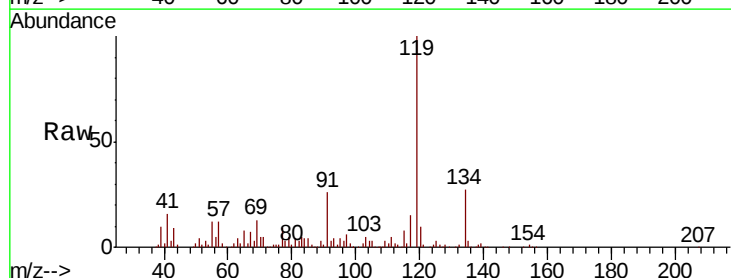
Tgt Ion:119 Resp: 96225

Ion Ratio Lower Upper

119 100

134 26.6 12.7 38.0

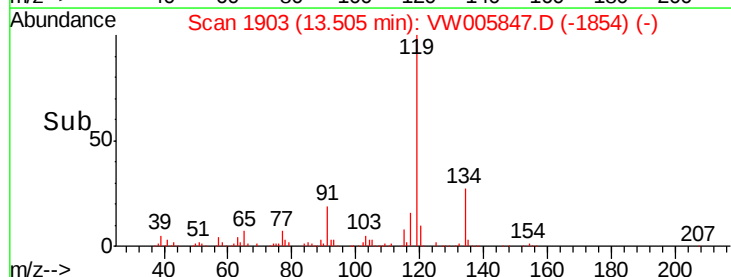
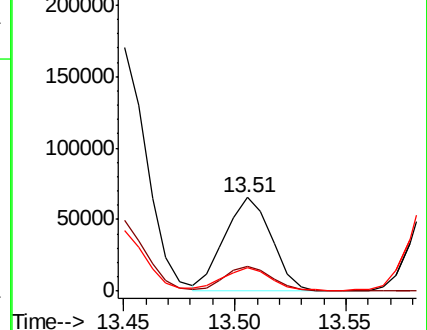
91 24.2 11.9 35.9

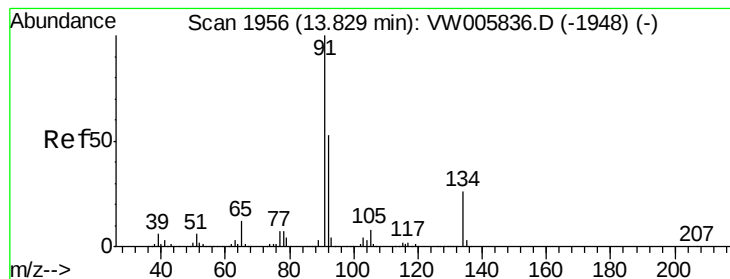


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 21.523 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

HR-06-100218-ARE

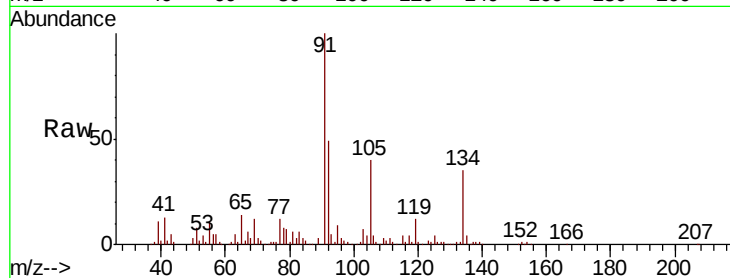
Tot Ion: 91 Resp: 82341

Ion Ratio Lower Upper

91 100

92 74.4 26.2 78.5

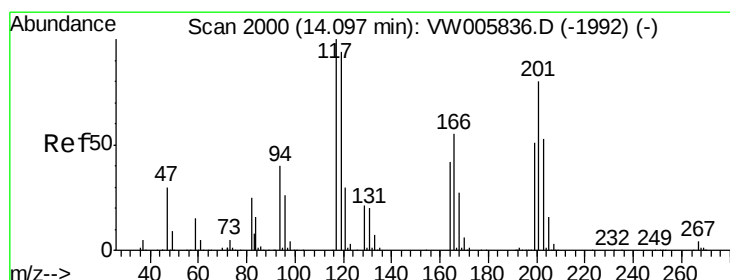
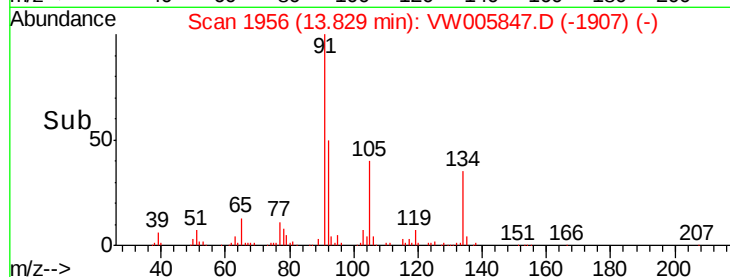
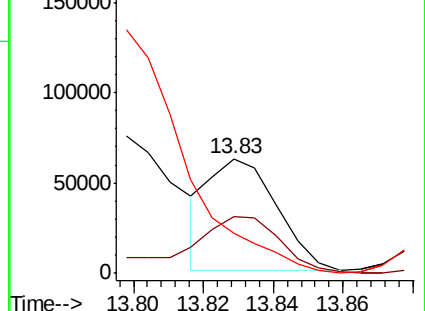
134 0.0 13.1 39.1#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 63.314 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005847.D

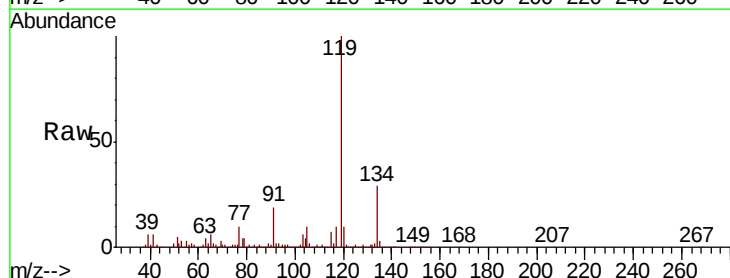
Acq: 04 Oct 2018 10:04

Tgt Ion: 117 Resp: 49450

Ion Ratio Lower Upper

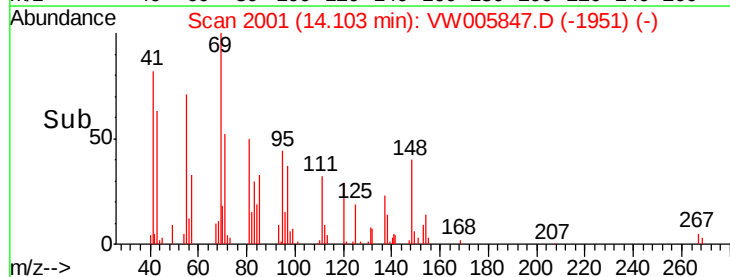
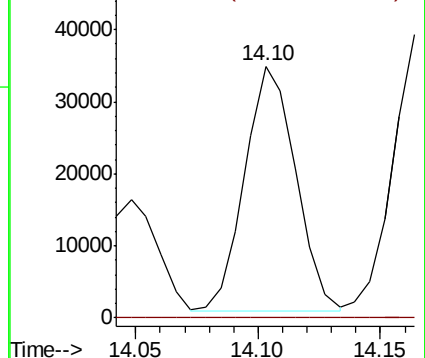
117 100

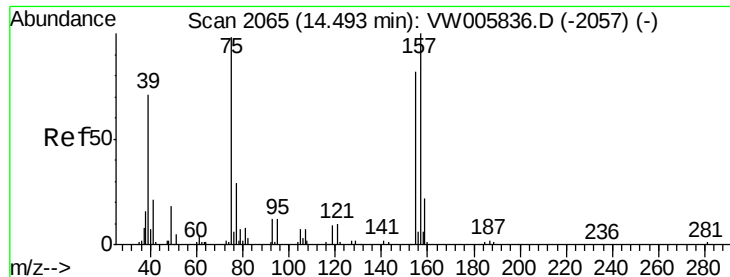
201 0.0 43.7 131.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 8.996 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

Instrument :

MSVOA_W

ClientSampleId :

HR-06-100218-ARE

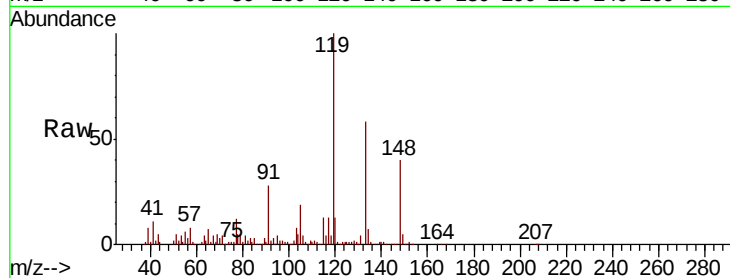
Tot Ion: 75 Resp: 1321

Ion Ratio Lower Upper

75 100

155 0.0 41.3 123.9#

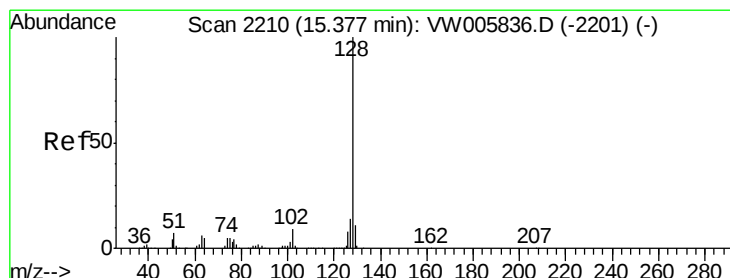
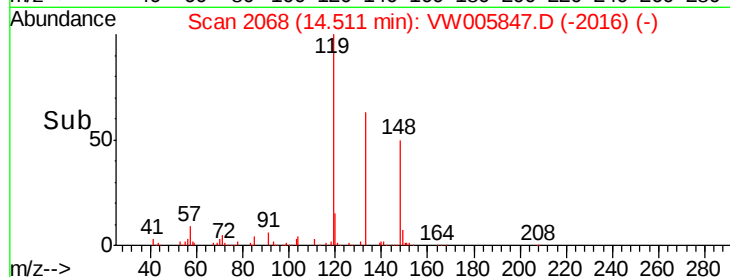
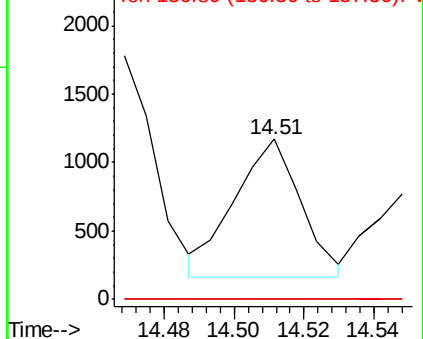
157 0.0 51.9 155.7#



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: 6.167 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005847.D

Acq: 04 Oct 2018 10:04

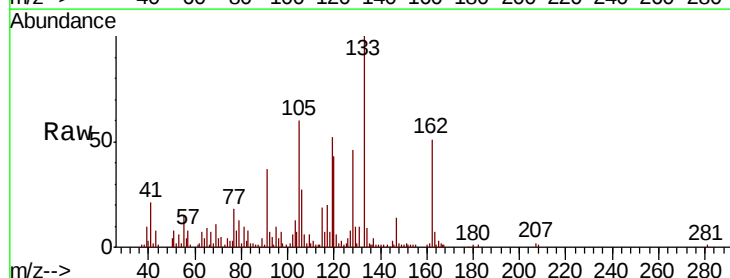
Tgt Ion: 128 Resp: 11142

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 8.7 8.9 13.3#



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

