

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102518\
 Data File : VW006336.D
 Acq On : 25 Oct 2018 01:02
 Operator : SY/AP
 Sample : J5622-03RE
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KG-V23608RE

Quant Time: Oct 25 06:10:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	195112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	52370	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	113212	64.43	ug/l	0.00
Spiked Amount			Recovery	=	128.86%	
35) Dibromofluoromethane	7.88	113	108463	56.29	ug/l	0.00
Spiked Amount			Recovery	=	112.58%	
50) Toluene-d8	10.33	98	286181	39.04	ug/l	0.00
Spiked Amount			Recovery	=	78.08%	
62) 4-Bromofluorobenzene	12.62	95	78700	28.58	ug/l	0.00
Spiked Amount			Recovery	=	57.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	626	5.297	ug/l #	80
16) Acetone	4.15	43	14241	30.185	ug/l	100
17) Carbon Disulfide	4.37	76	7787	1.457	ug/l #	92
18) Methyl Acetate	4.69	43	2365	2.675	ug/l #	71
20) Methylene Chloride	4.92	84	10952	4.407	ug/l	92
25) 2-Butanone	7.18	43	2188	4.609	ug/l	97
29) Tetrahydrofuran	7.54	42	1695	5.809	ug/l	96
31) Cyclohexane	7.95	56	4866	1.513	ug/l #	33
36) 1,1-Dichloropropene	7.95	75	13617	4.530	ug/l #	52
38) Carbon Tetrachloride	7.95	117	19454	5.904	ug/l #	17
39) Methylcyclohexane	9.34	83	4565	1.143	ug/l	90
41) Methacrylonitrile	7.54	41	1264	1.878	ug/l #	39
49) 1,4-Dioxane	9.48	88	978	56.497	ug/l #	69
52) Toluene	10.39	92	6234	1.128	ug/l	96
55) 1,1,2-Trichloroethane	10.76	97	5826	3.702	ug/l #	19
68) m/p-Xylenes	11.84	106	4424	1.546	ug/l	93
69) o-Xylene	12.17	106	3952	1.449	ug/l	85
71) Bromoform	12.37	173	990	1.196	ug/l #	29
74) N-amyl acetate	12.26	43	6890	9.588	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.71	83	31671	56.282	ug/l #	33
76) 1,2,3-Trichloropropane	12.62	75	38171	95.427	ug/l #	100
77) Bromobenzene	12.91	156	22661	25.007	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.95	105	11079	3.552	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.62	75	38171	228.107	ug/l #	13
83) tert-Butylbenzene	13.21	119	7527	2.697	ug/l	80
84) 1,2,4-Trimethylbenzene	13.26	105	25043	7.935	ug/l	87
85) sec-Butylbenzene	13.39	105	21275	5.397	ug/l #	69
86) p-Isopropyltoluene	13.51	119	54540	15.295	ug/l	96
89) n-Butylbenzene	13.83	91	13832	4.242	ug/l #	82
90) Hexachloroethane	14.10	117	17027	28.190	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.42	75	2032	20.169	ug/l	78
93) 1,2,4-Trichlorobenzene	15.14	180	8870	7.166	ug/l #	1
95) Naphthalene	15.37	128	5241	2.545	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.58	180	3217	3.005	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

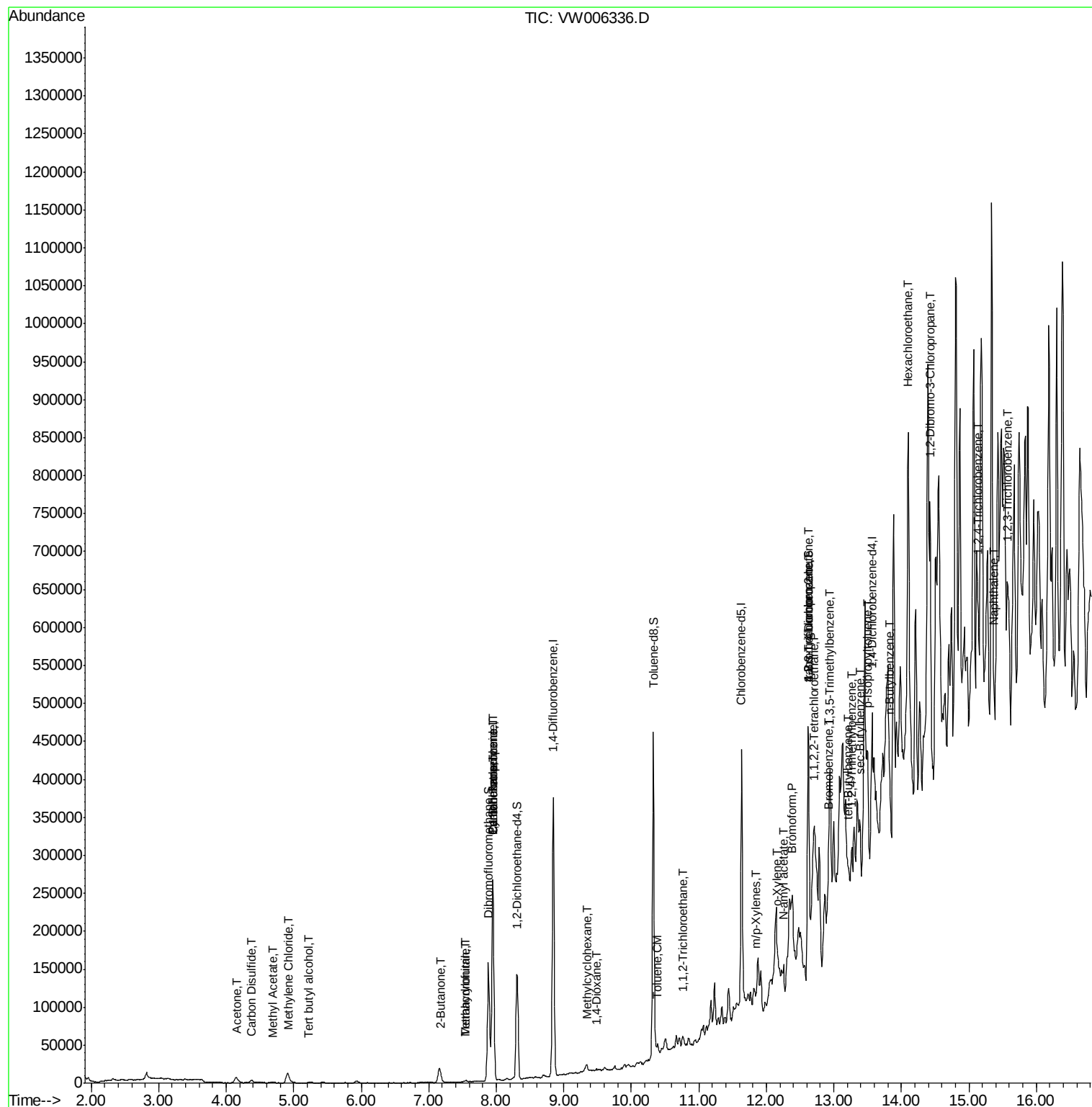
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

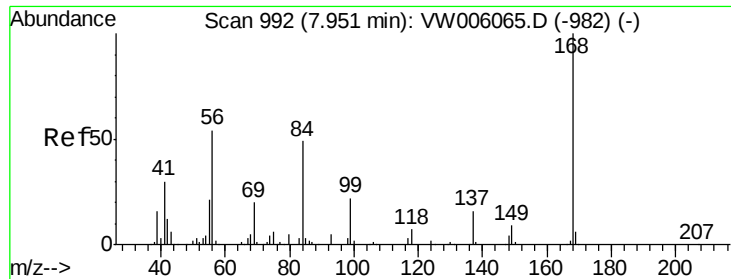
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

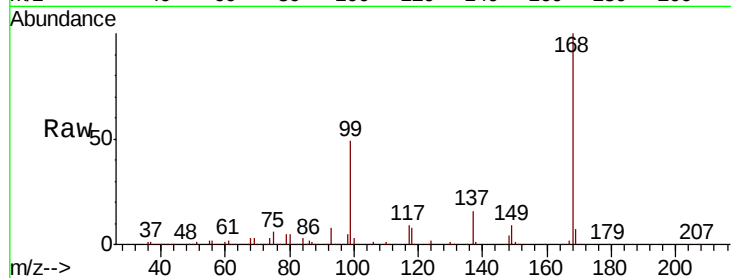
KG-V23608RE

Tot Ion:168 Resp: 211940

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

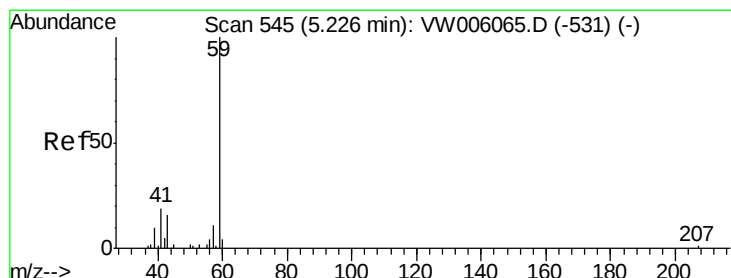
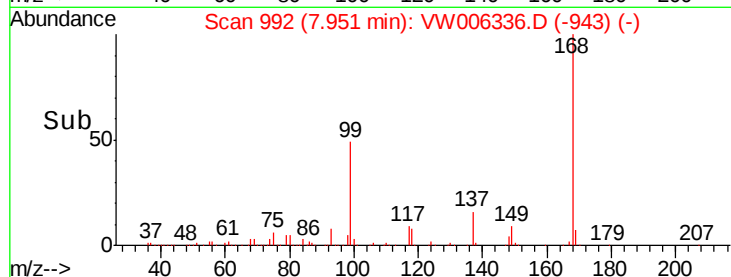
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 5.297 ug/l

RT: 5.22 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW006336.D

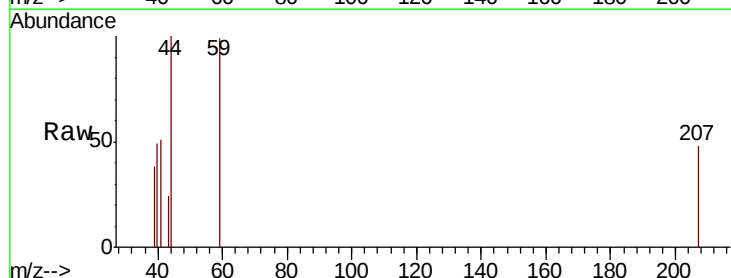
Acq: 25 Oct 2018 01:02

Tgt Ion: 59 Resp: 626

Ion Ratio Lower Upper

59 100

57 3.5 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

300

250

200

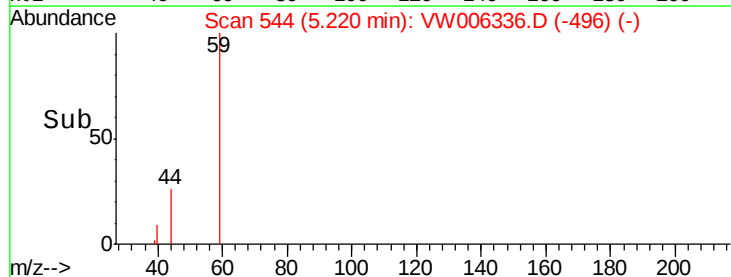
150

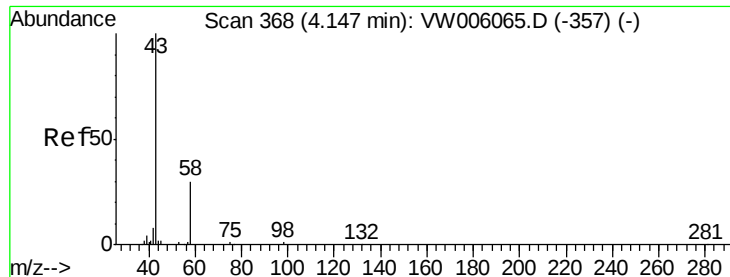
100

50

0

Time-->





#16

Acetone

Concen: 30.185 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

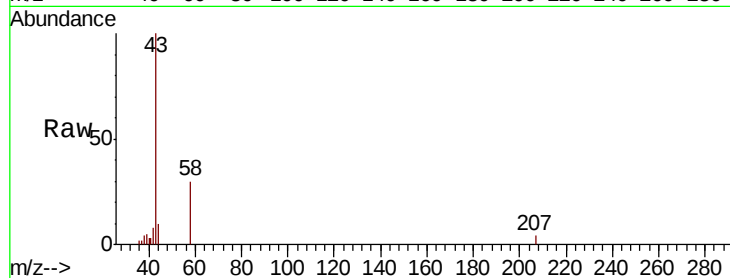
KG-V23608RE

Tot Ion: 43 Resp: 14241

Ion Ratio Lower Upper

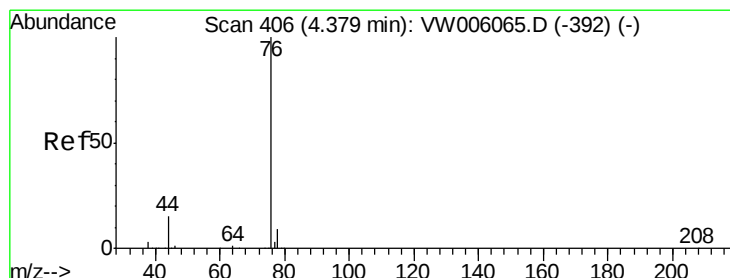
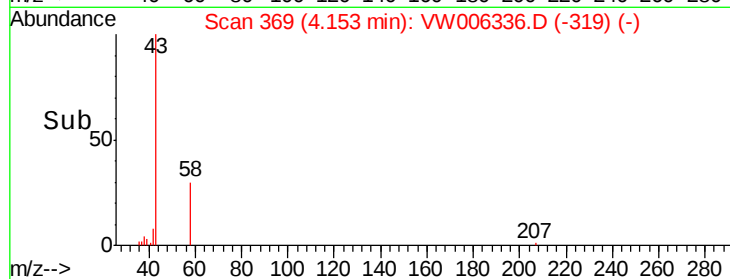
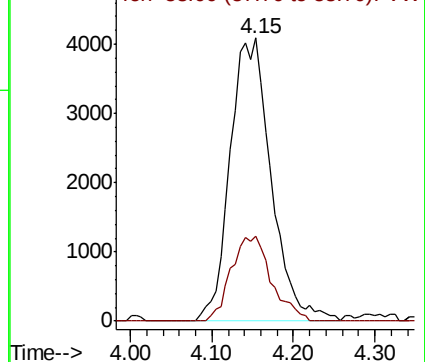
43 100

58 30.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 1.457 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006336.D

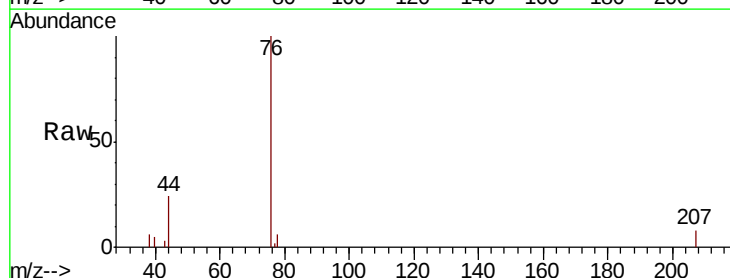
Acq: 25 Oct 2018 01:02

Tgt Ion: 76 Resp: 7787

Ion Ratio Lower Upper

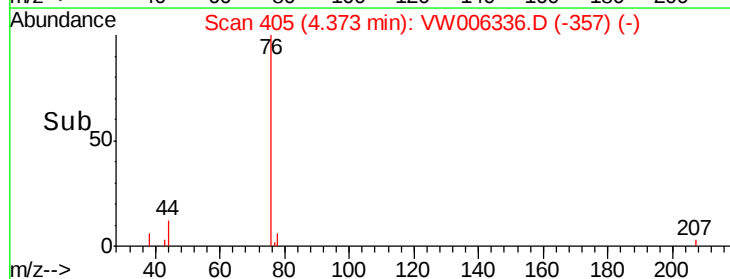
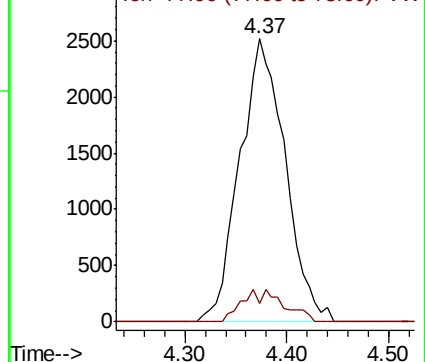
76 100

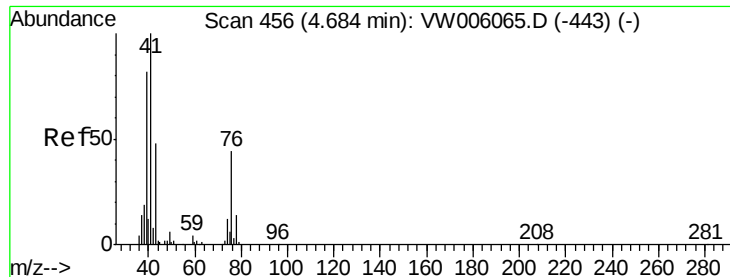
78 6.5 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

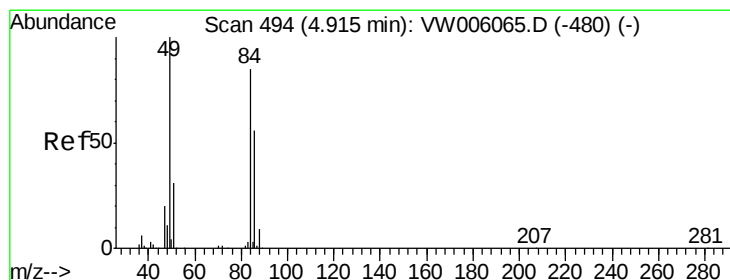
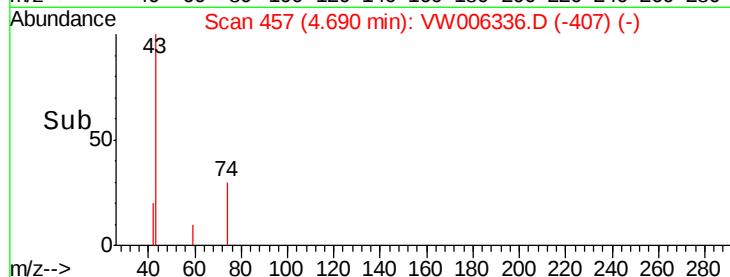
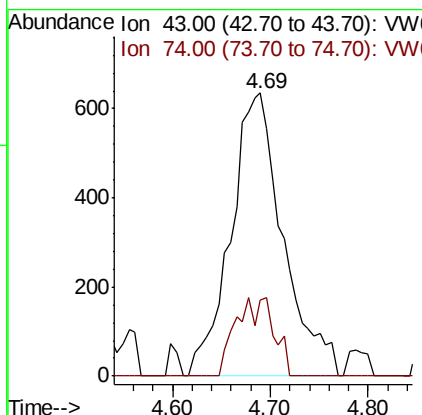
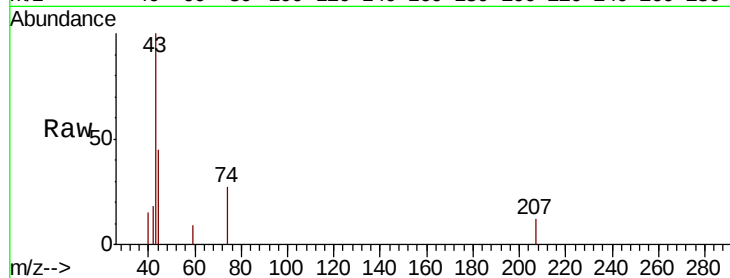




#18
Methyl Acetate
Concen: 2.675 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW006336.D
Acq: 25 Oct 2018 01:02

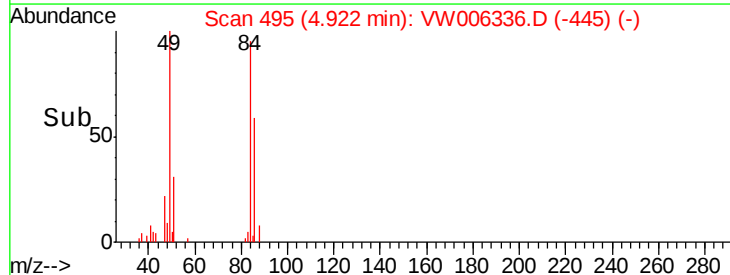
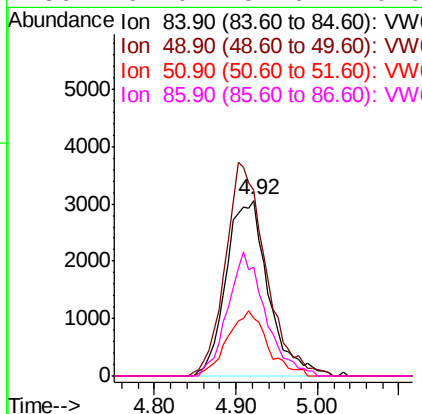
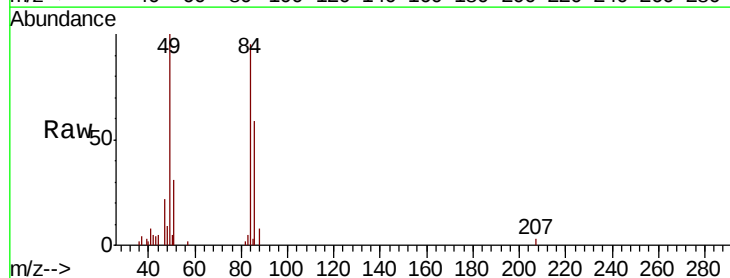
Instrument :
MSVOA_W
ClientSampleId :
KG-V23608RE

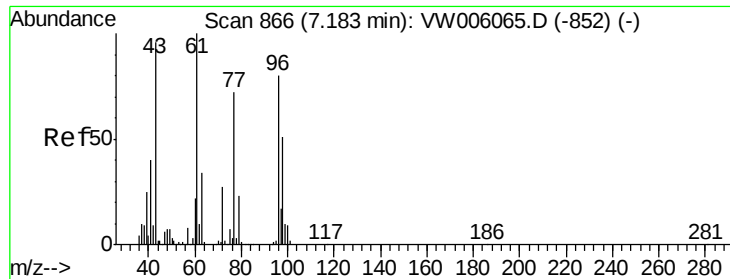
Tot Ion: 43 Resp: 2365
Ion Ratio Lower Upper
43 100
74 10.9 20.5 30.7#



#20
Methylene Chloride
Concen: 4.407 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006336.D
Acq: 25 Oct 2018 01:02

Tgt Ion: 84 Resp: 10952
Ion Ratio Lower Upper
84 100
49 105.3 93.6 140.4
51 32.7 29.0 43.4
86 62.0 52.6 79.0





#25

2-Butanone

Concen: 4.609 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

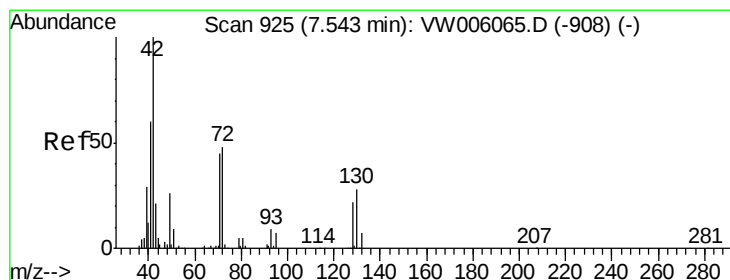
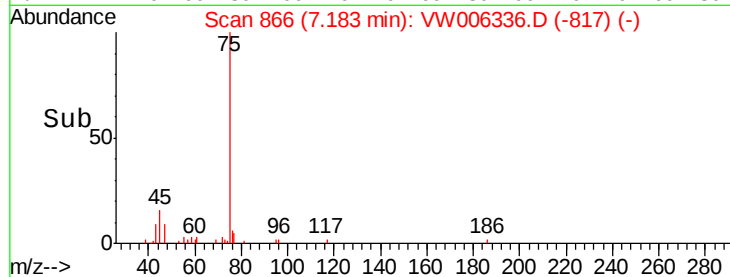
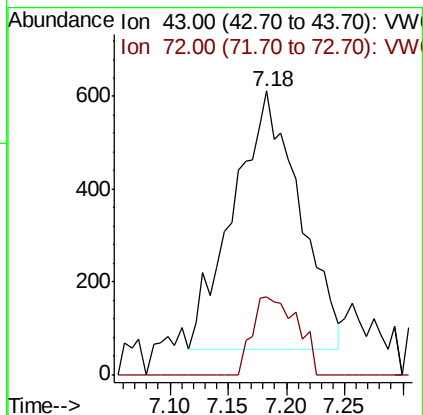
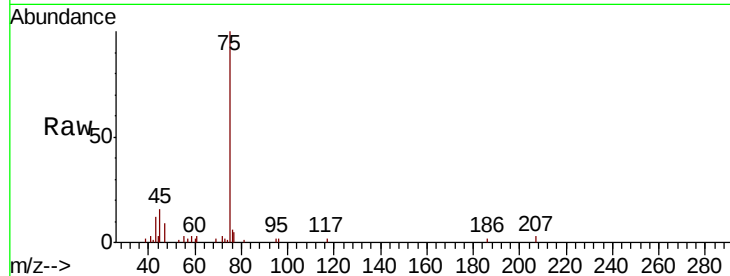
KG-V23608RE

Tot Ion: 43 Resp: 2188

Ion Ratio Lower Upper

43 100

72 30.1 22.8 34.2



#29

Tetrahydrofuran

Concen: 5.809 ug/l

RT: 7.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

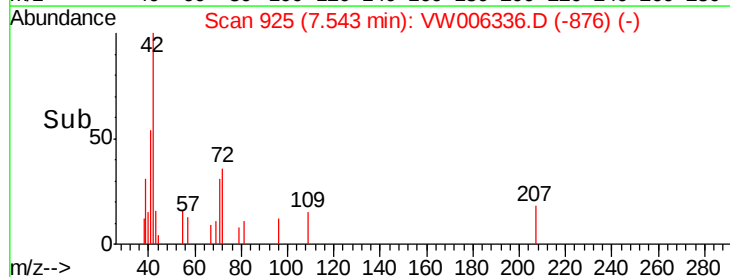
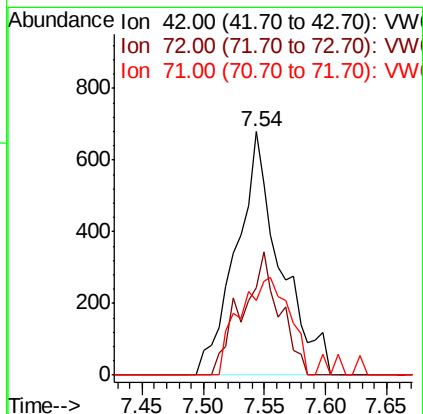
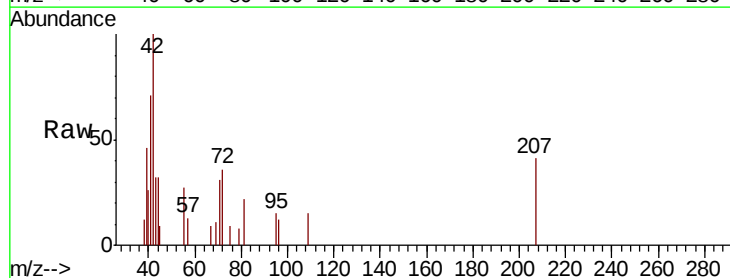
Tgt Ion: 42 Resp: 1695

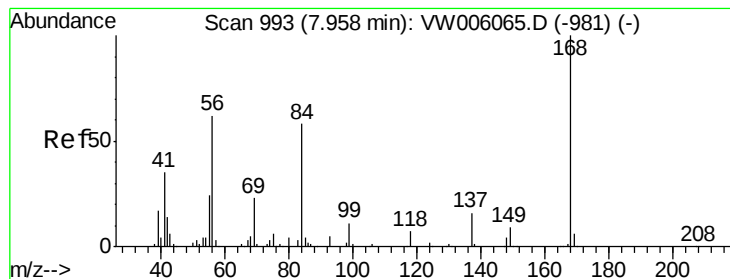
Ion Ratio Lower Upper

42 100

72 43.6 38.0 57.0

71 45.7 35.3 52.9





#31

Cyclohexane

Concen: 1.513 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

KG-V23608RE

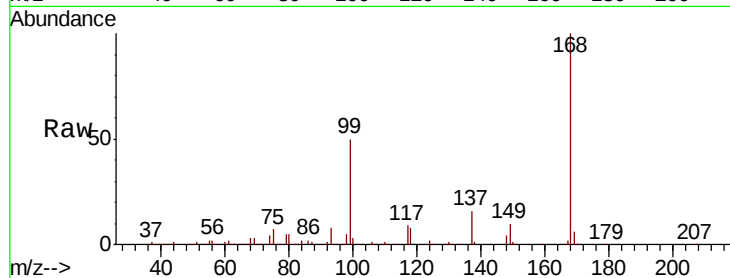
Tot Ion: 56 Resp: 4866

Ion Ratio Lower Upper

56 100

69 149.3 29.4 44.0#

84 109.9 74.0 111.0

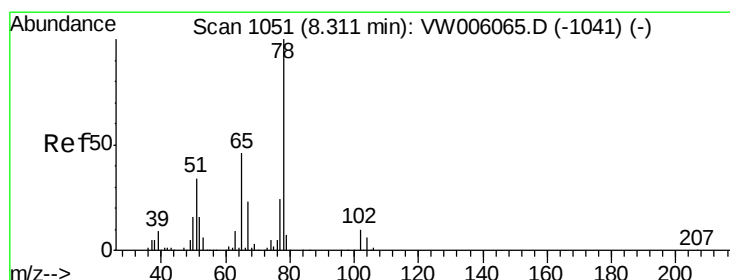
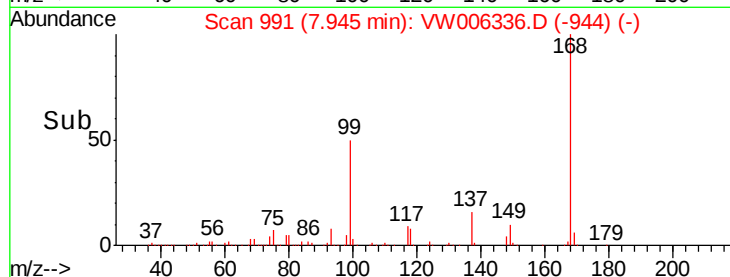
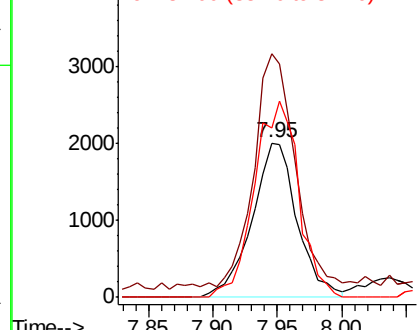


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 64.431 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006336.D

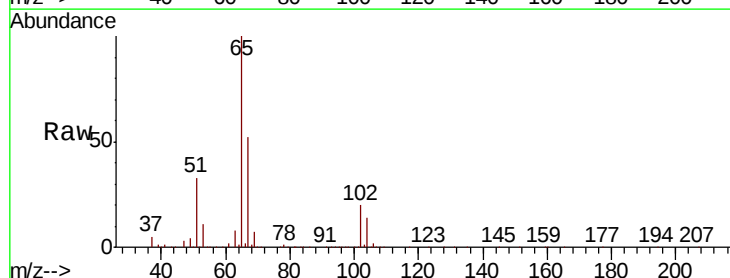
Acq: 25 Oct 2018 01:02

Tgt Ion: 65 Resp: 113212

Ion Ratio Lower Upper

65 100

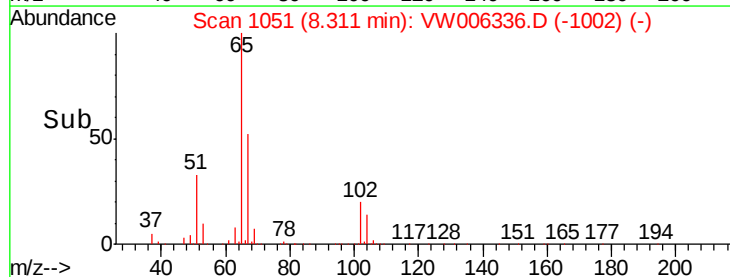
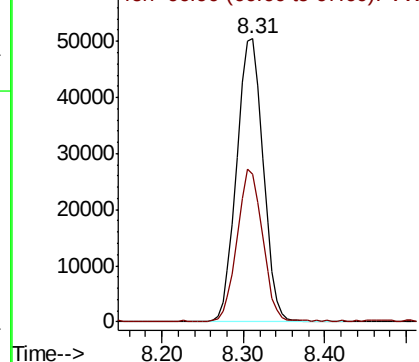
67 51.0 0.0 101.0

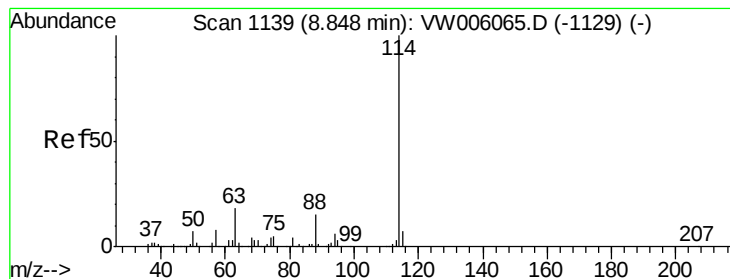


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

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KG-V23608RE

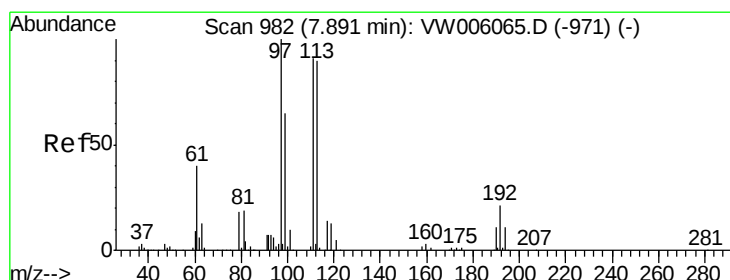
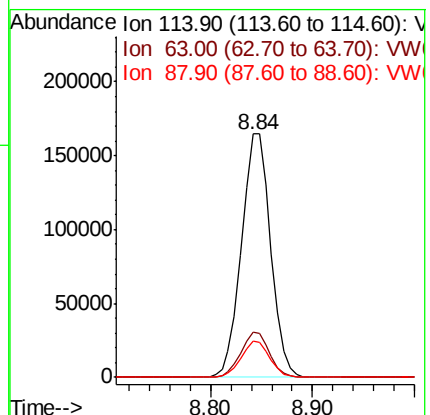
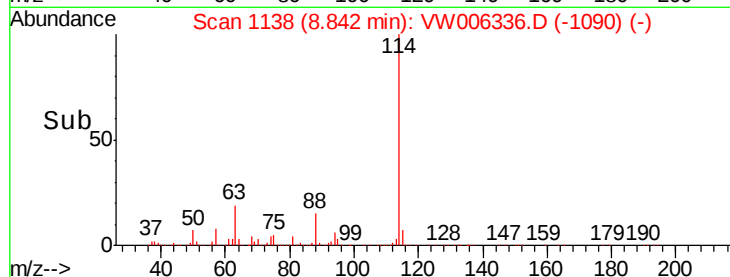
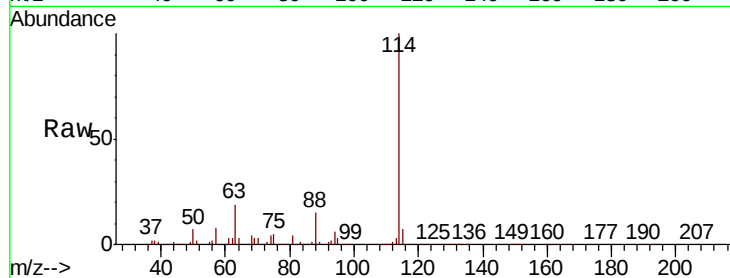
Tot Ion:114 Resp: 326092

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.290 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

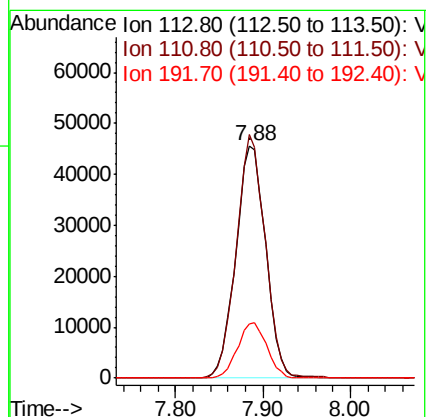
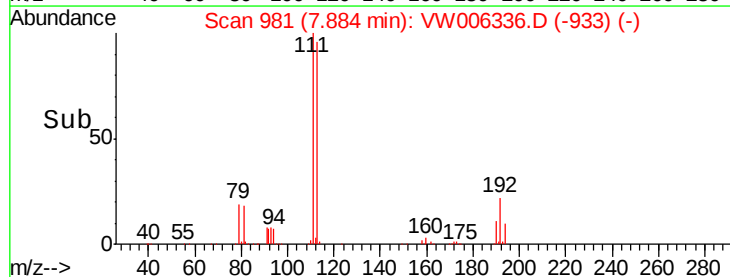
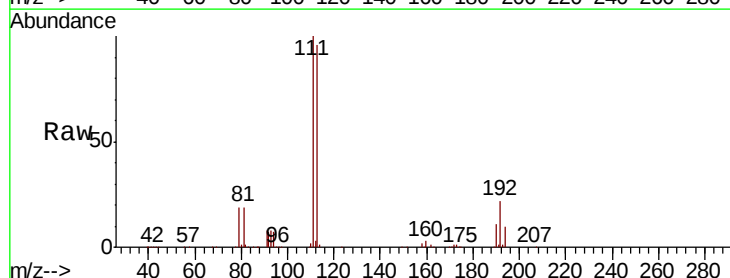
Tgt Ion:113 Resp: 108463

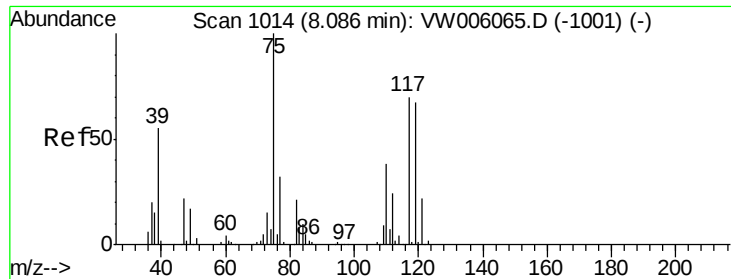
Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 23.5 18.7 28.1

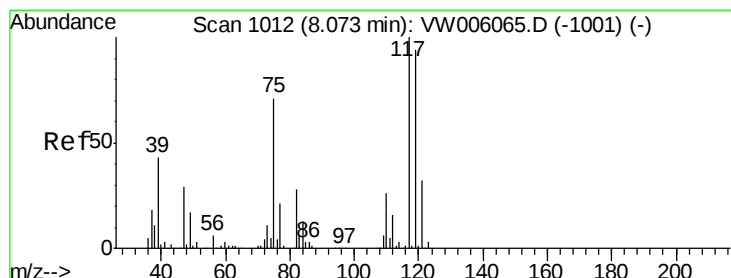
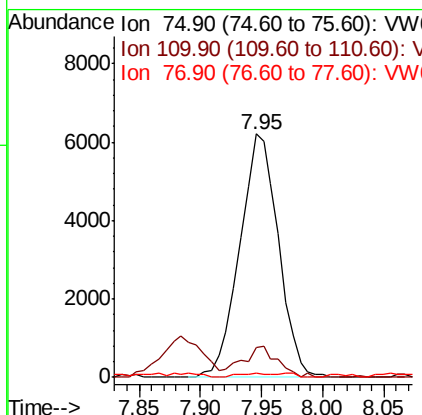
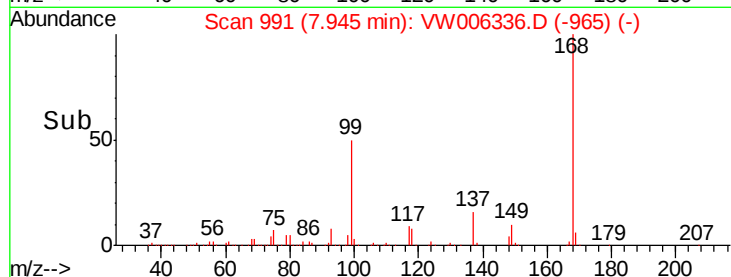
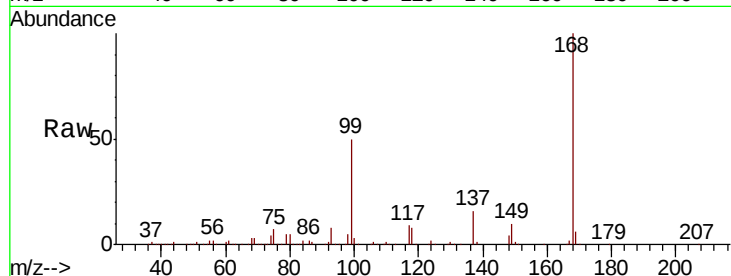




#36
 1,1-Dichloropropene
 Concen: 4.530 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006336.D
 Acq: 25 Oct 2018 01:02

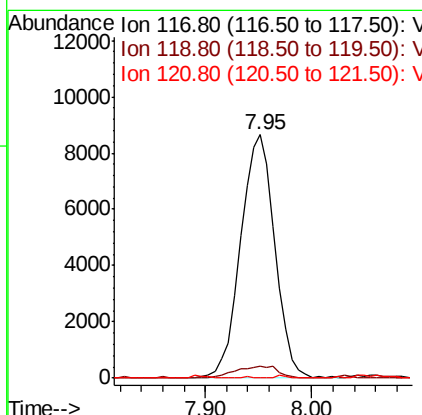
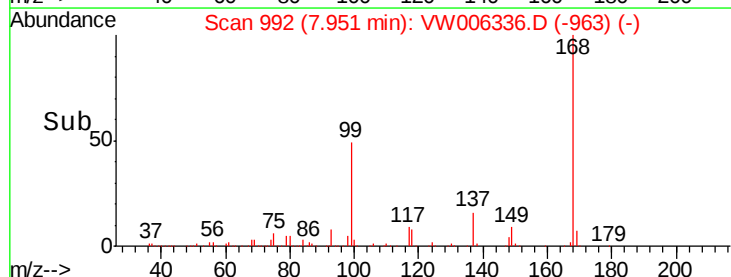
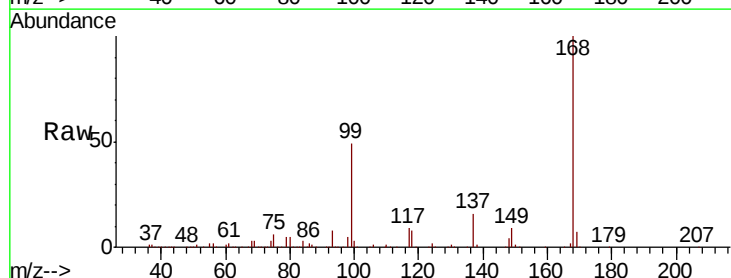
Instrument :
 MSVOA_W
 ClientSampleId :
 KG-V23608RE

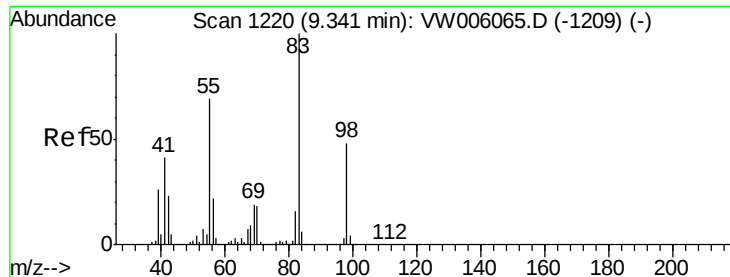
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.8	19.1	57.1#
77	1.5	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.904 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006336.D
 Acq: 25 Oct 2018 01:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.2	112.8#
121	0.0	25.3	37.9#

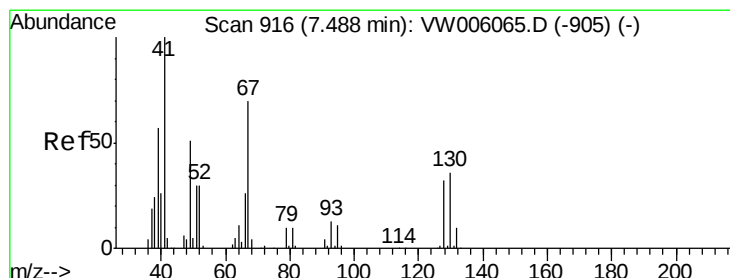
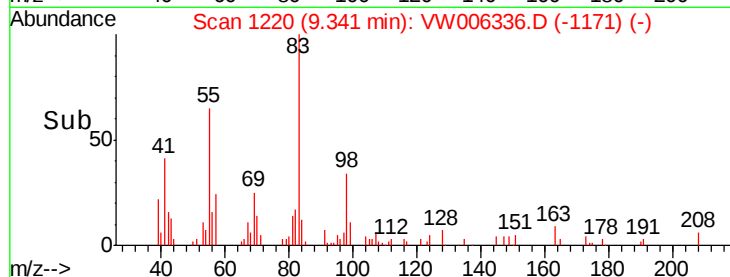
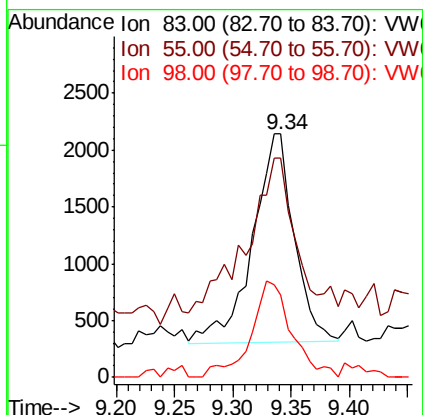
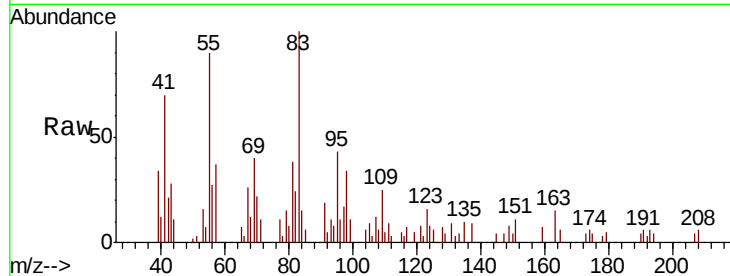




#39
Methvlcvclohexane
Concen: 1.143 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006336.D
Acq: 25 Oct 2018 01:02

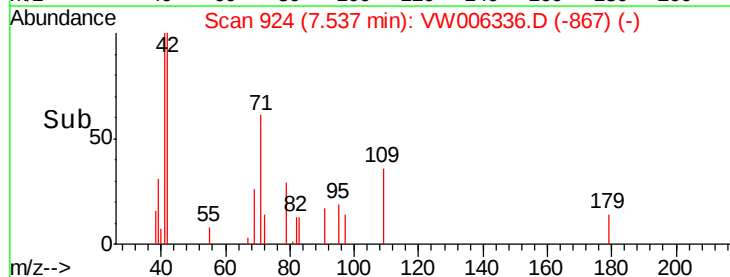
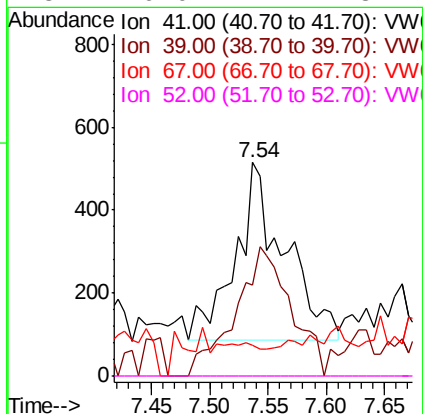
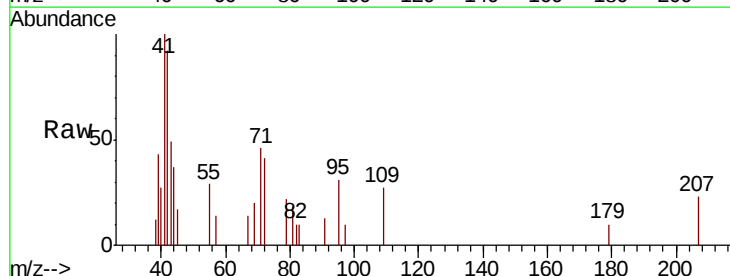
Instrument :
MSVOA_W
ClientSampleId :
KG-V23608RE

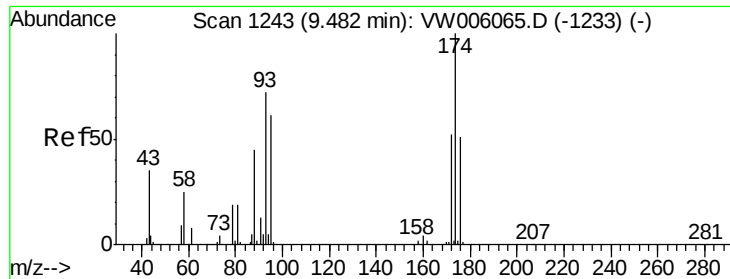
Tot Ion: 83 Resp: 4565
Ion Ratio Lower Upper
83 100
55 75.0 55.0 82.6
98 40.0 38.6 57.8



#41
Methacrylonitrile
Concen: 1.878 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.05 min
Lab File: VW006336.D
Acq: 25 Oct 2018 01:02

Tgt Ion: 41 Resp: 1264
Ion Ratio Lower Upper
41 100
39 81.6 46.2 69.4#
67 0.0 57.7 86.5#
52 0.0 24.7 37.1#





#49

1,4-Dioxane

Concen: 56.497 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampled :

KG-V23608RE

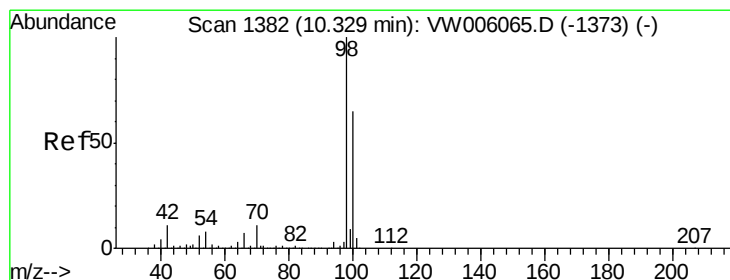
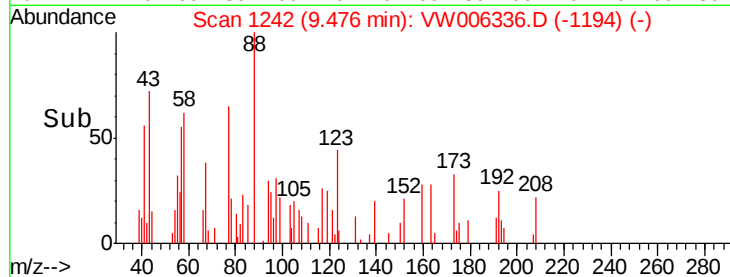
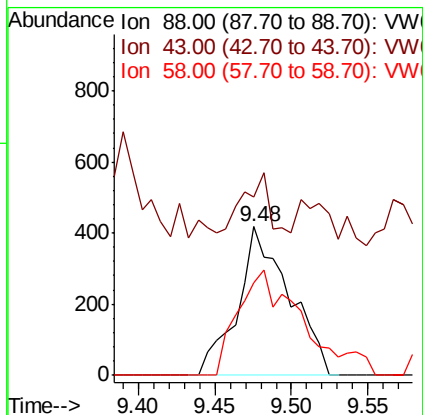
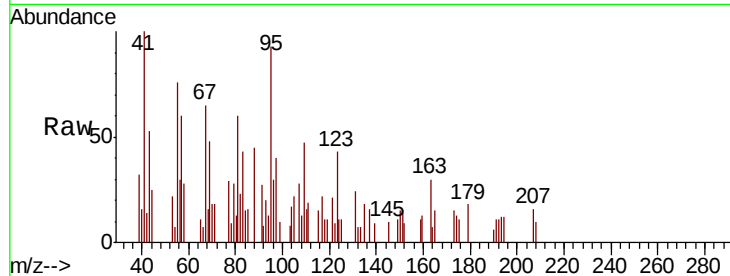
Tot Ion: 88 Resp: 978

Ion Ratio Lower Upper

88 100

43 37.0 0.0 0.0#

58 88.0 51.2 76.8#



#50

Toluene-d8

Concen: 39.038 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006336.D

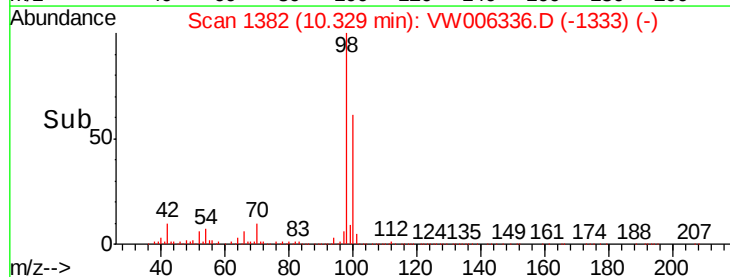
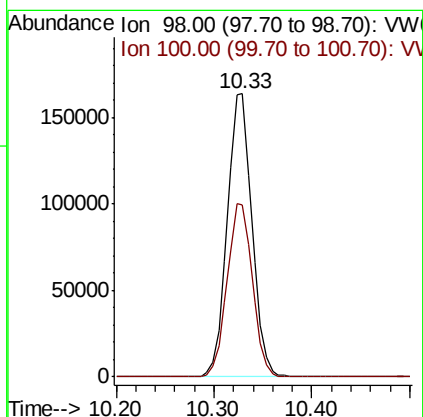
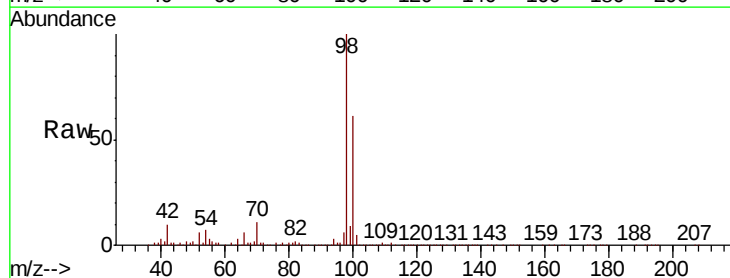
Acq: 25 Oct 2018 01:02

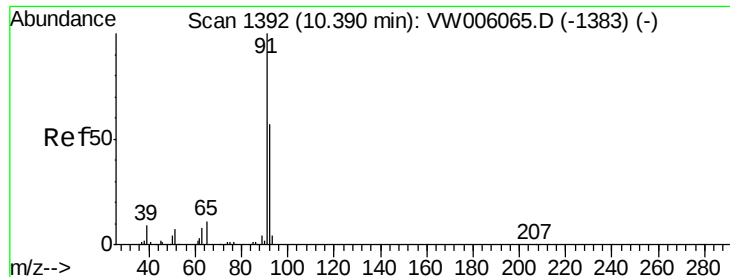
Tgt Ion: 98 Resp: 286181

Ion Ratio Lower Upper

98 100

100 62.7 51.6 77.4





#52

Toluene

Concen: 1.128 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

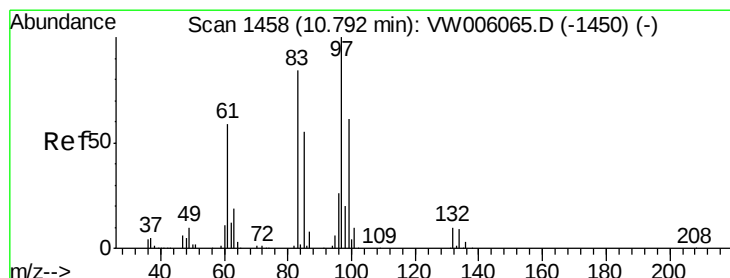
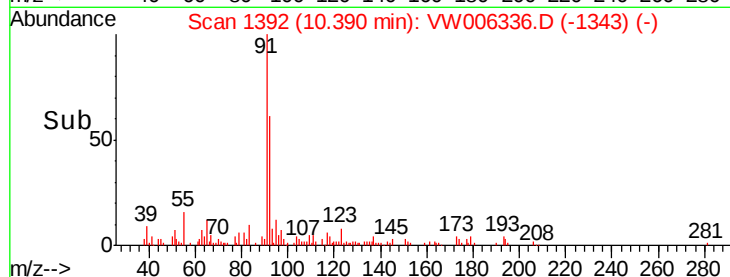
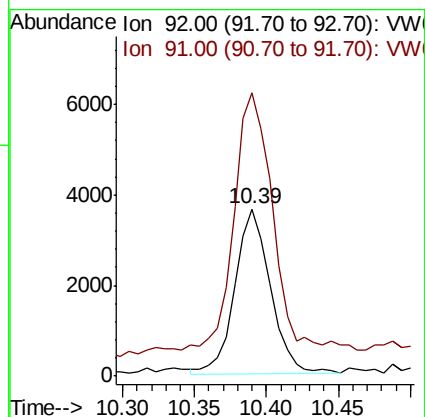
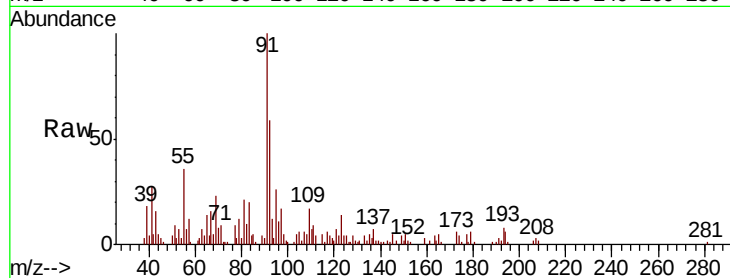
KG-V23608RE

Tot Ion: 92 Resp: 6234

Ion Ratio Lower Upper

92 100

91 168.9 140.0 210.0



#55

1,1,2-Trichloroethane

Concen: 3.702 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.03 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Tgt Ion: 97 Resp: 5826

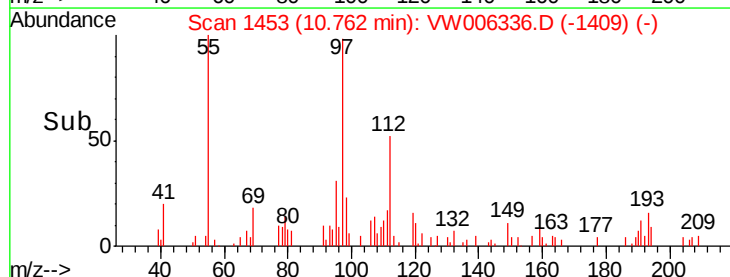
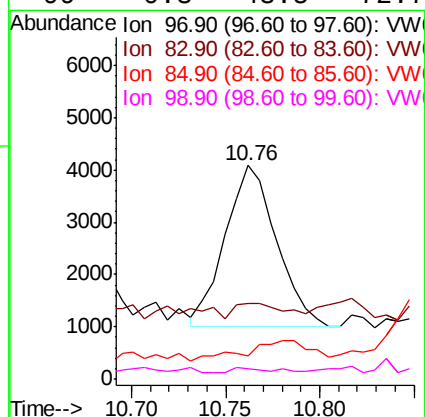
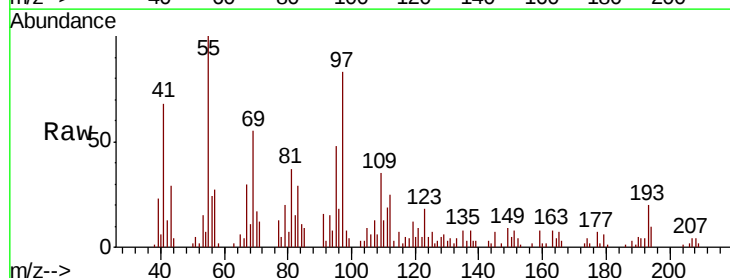
Ion Ratio Lower Upper

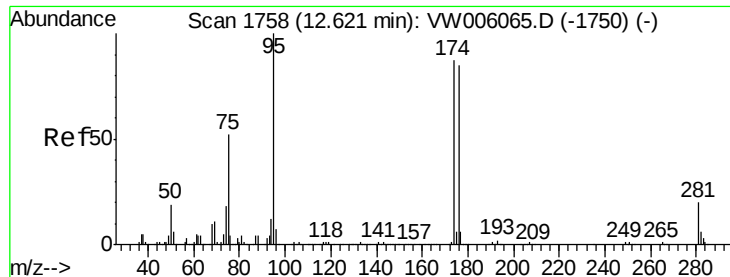
97 100

83 3.1 67.2 100.8#

85 3.0 43.7 65.5#

99 0.3 48.5 72.7#

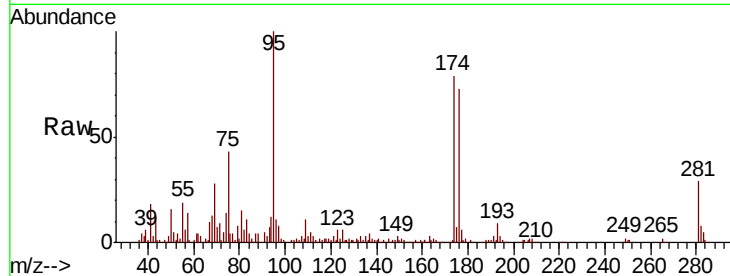




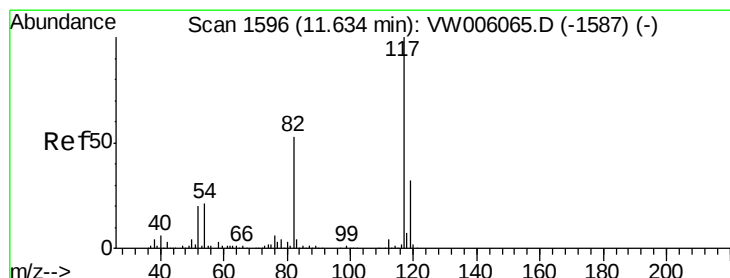
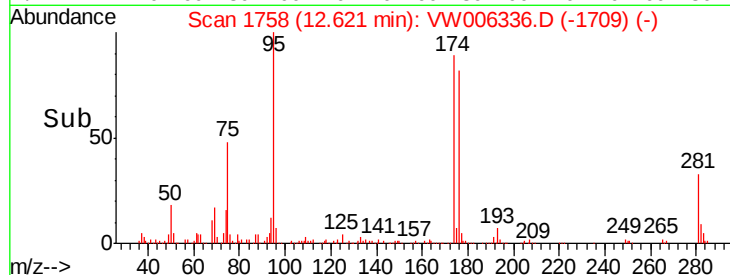
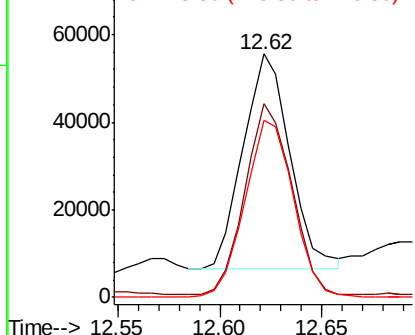
#62
4-Bromofluorobenzene
Concen: 28.583 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006336.D
Acq: 25 Oct 2018 01:02

Instrument :
MSVOA_W
ClientSampleId :
KG-V23608RE

Tot Ion: 95 Resp: 78700
Ion Ratio Lower Upper
95 100
174 87.7 0.0 186.0
176 84.3 0.0 181.6

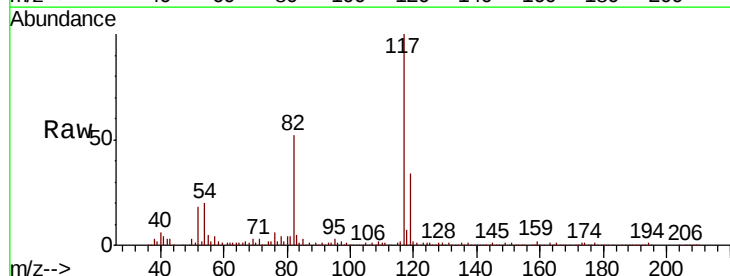


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

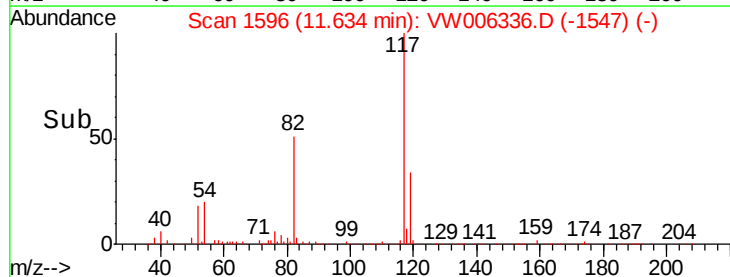
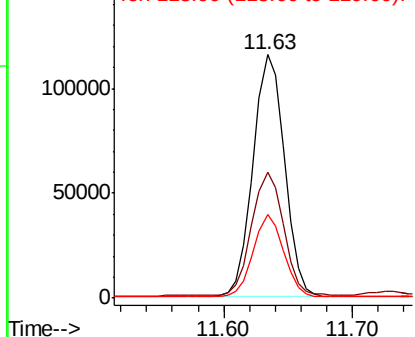


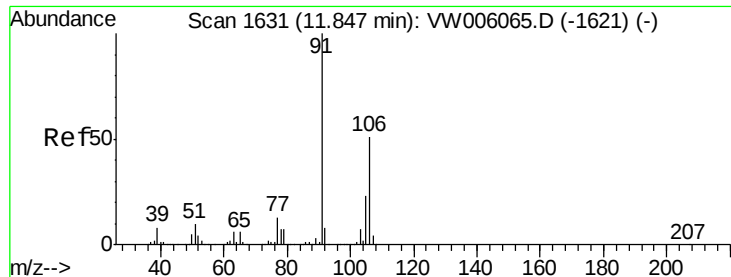
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006336.D
Acq: 25 Oct 2018 01:02

Tgt Ion: 117 Resp: 195112
Ion Ratio Lower Upper
117 100
82 50.6 42.1 63.1
119 34.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW

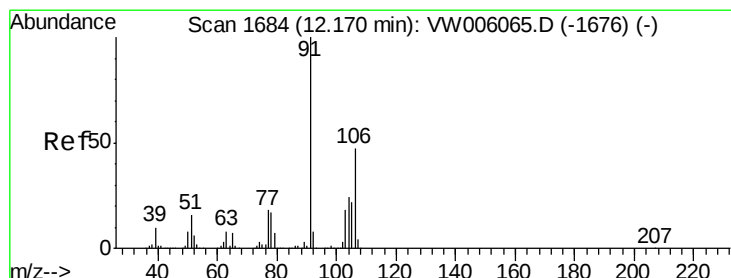
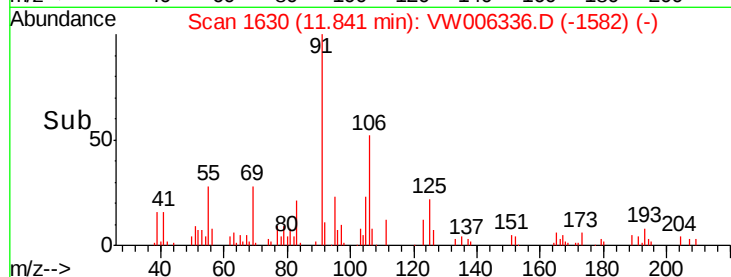
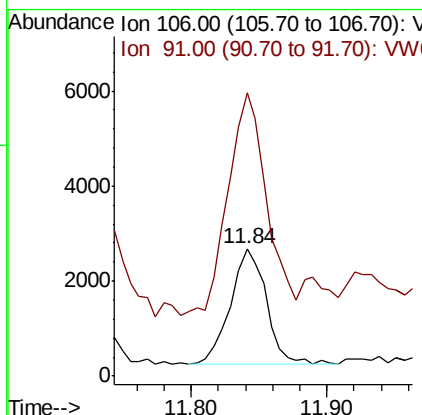
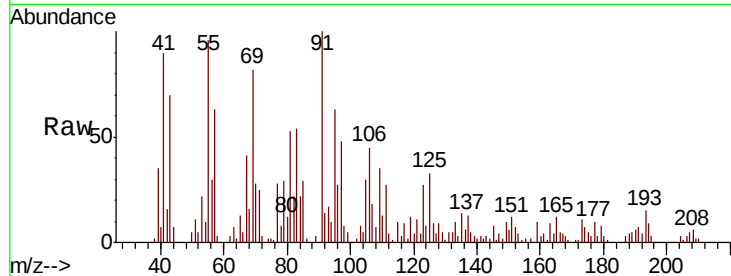




#68
m/p-Xylenes
Concen: 1.546 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006336.D
Acq: 25 Oct 2018 01:02

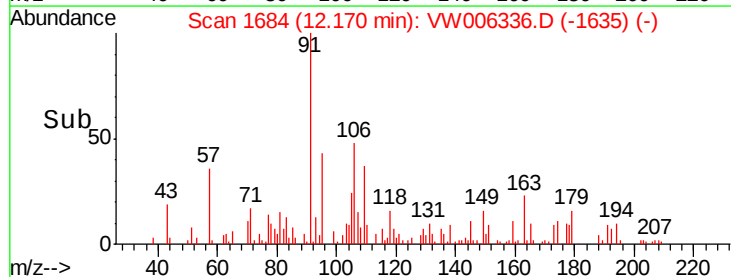
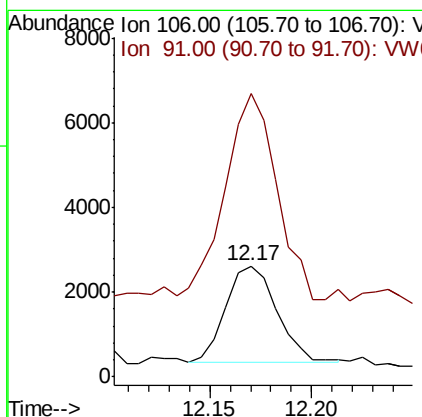
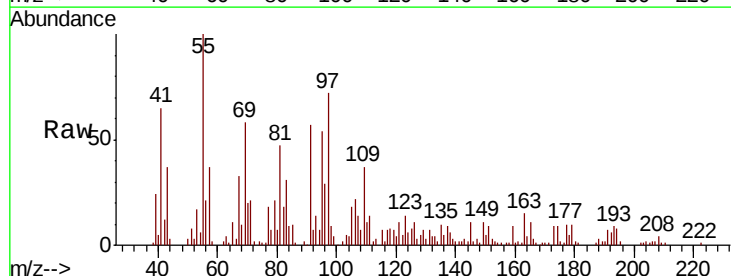
Instrument :
MSVOA_W
ClientSampleId :
KG-V23608RE

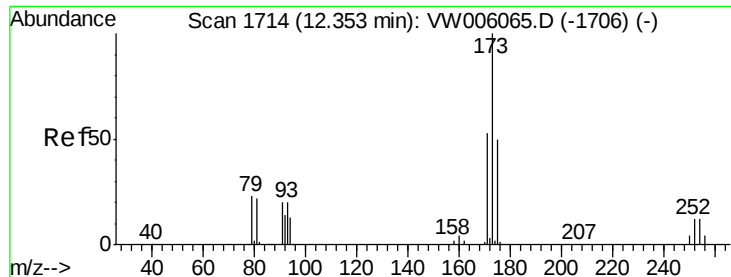
Tot Ion:106 Resp: 4424
Ion Ratio Lower Upper
106 100
91 209.5 159.1 238.7



#69
o-Xylene
Concen: 1.449 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006336.D
Acq: 25 Oct 2018 01:02

Tgt Ion:106 Resp: 3952
Ion Ratio Lower Upper
106 100
91 234.1 105.4 316.1





#71

Bromoform

Concen: 1.196 ug/l

RT: 12.37 min Scan# 1717

Delta R.T. 0.02 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

KG-V23608RE

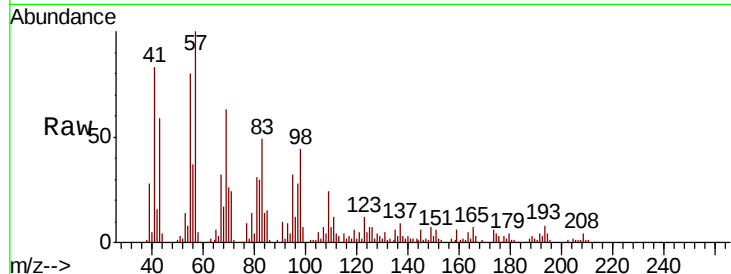
Tot Ion:173 Resp: 990

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

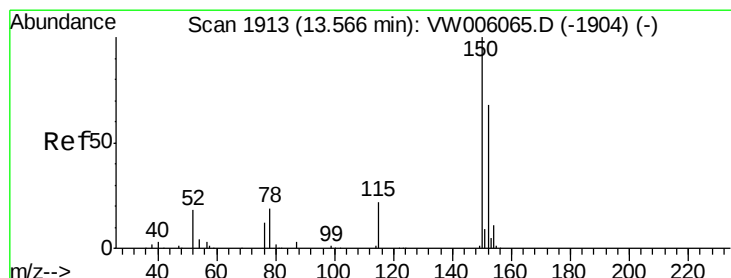
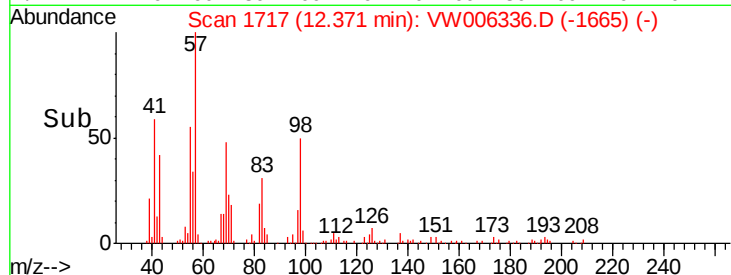
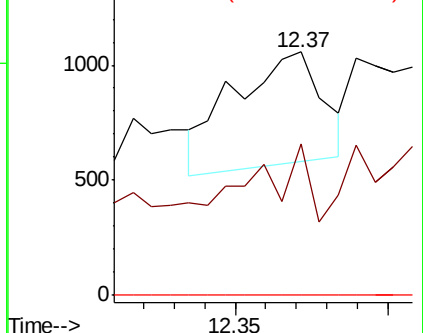
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

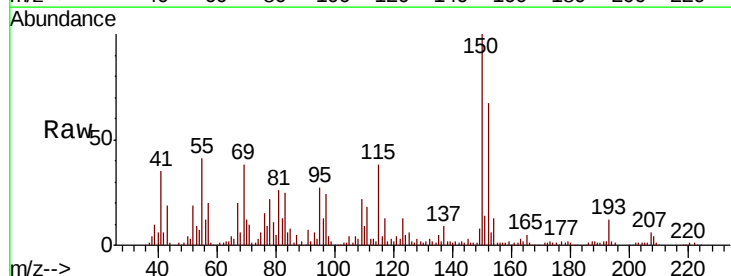
Tgt Ion:152 Resp: 52370

Ion Ratio Lower Upper

152 100

115 51.6 27.8 83.3

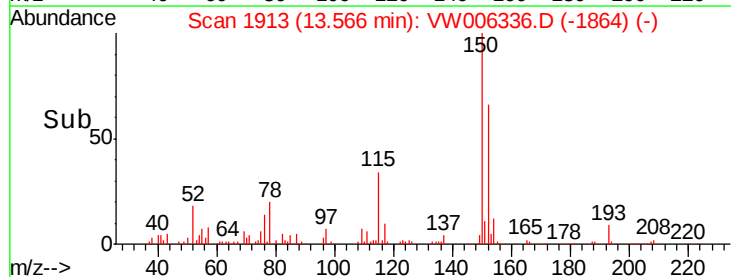
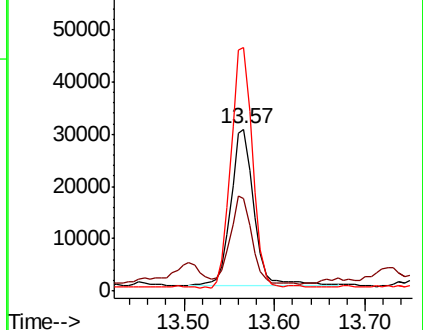
150 144.9 0.0 349.2

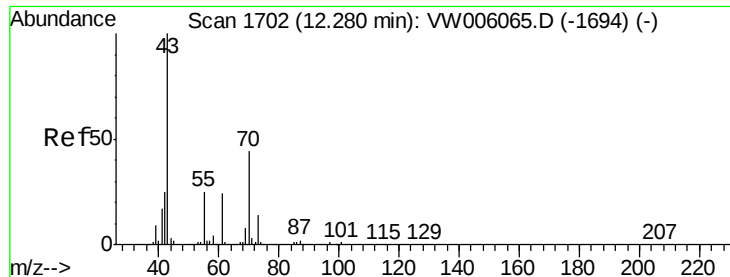


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 9.588 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

KG-V23608RE

Tot Ion: 43 Resp: 6890

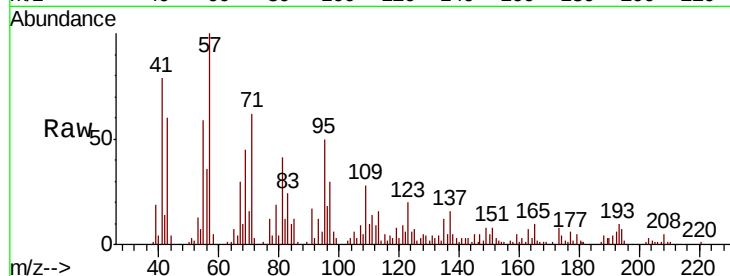
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.4#

55 0.0 19.2 28.8#

61 0.0 19.0 28.6#

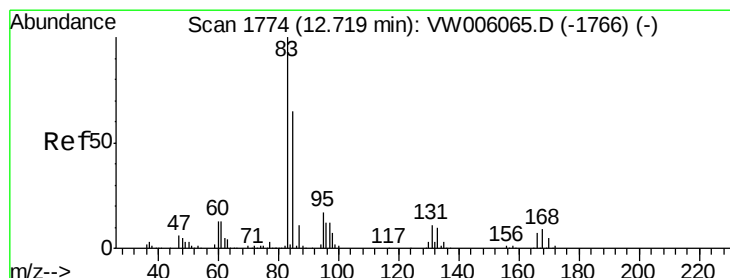
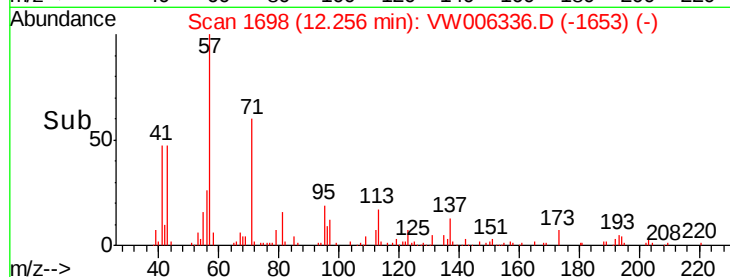
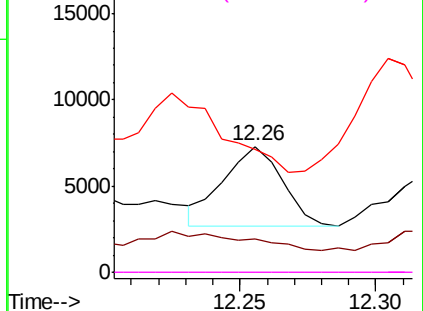


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 56.282 ug/l

RT: 12.71 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

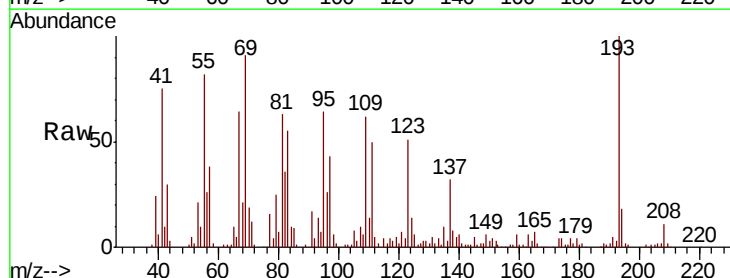
Tgt Ion: 83 Resp: 31671

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

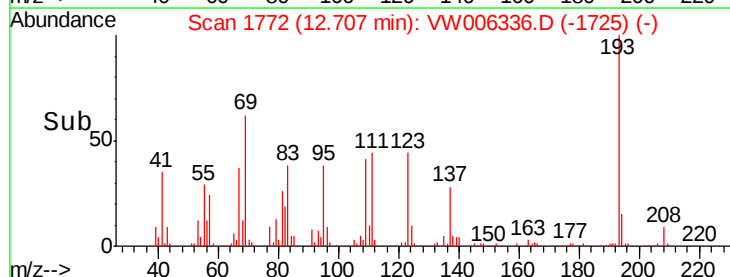
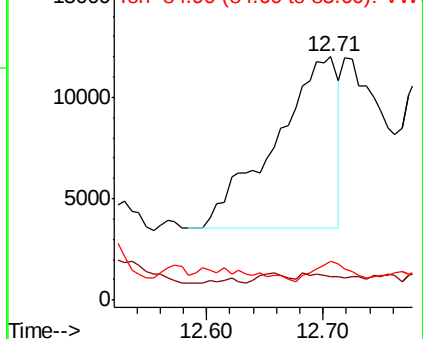
85 6.3 31.9 95.9#

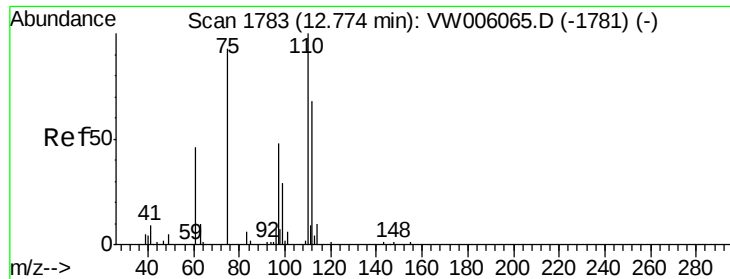


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 95.427 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

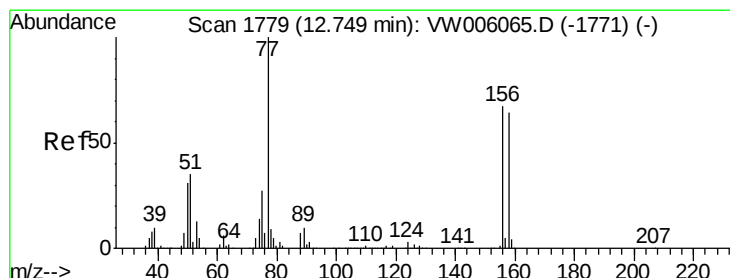
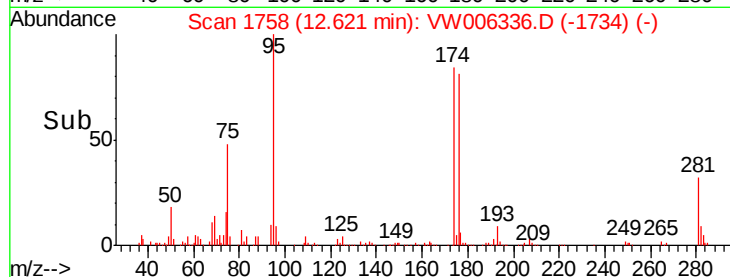
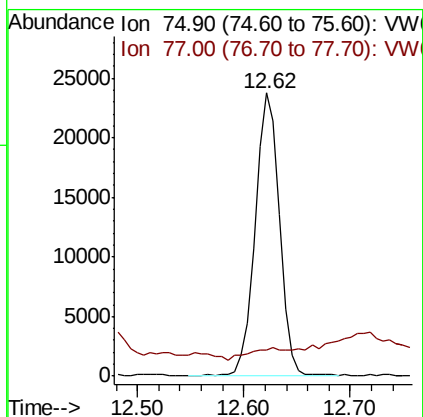
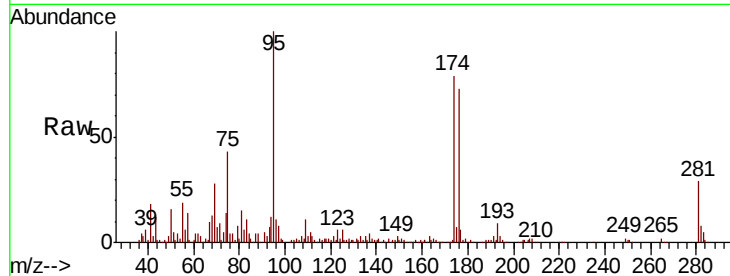
KG-V23608RE

Tot Ion: 75 Resp: 38171

Ion Ratio Lower Upper

75 100

77 6.2 0.0 0.0#



#77

Bromobenzene

Concen: 25.007 ug/l

RT: 12.91 min Scan# 1806

Delta R.T. 0.16 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

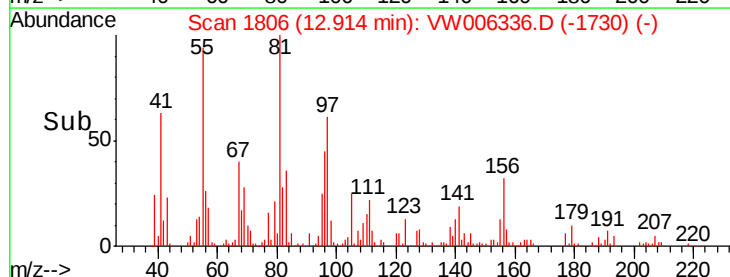
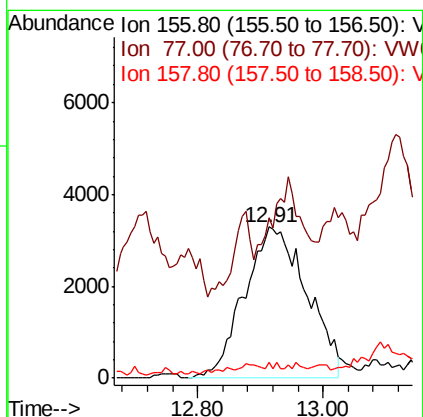
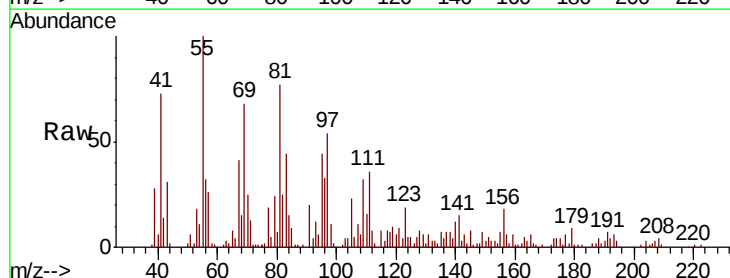
Tgt Ion: 156 Resp: 22661

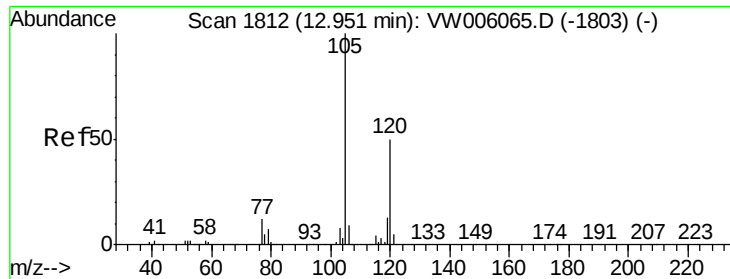
Ion Ratio Lower Upper

156 100

77 0.0 79.1 237.4#

158 0.7 48.5 145.6#

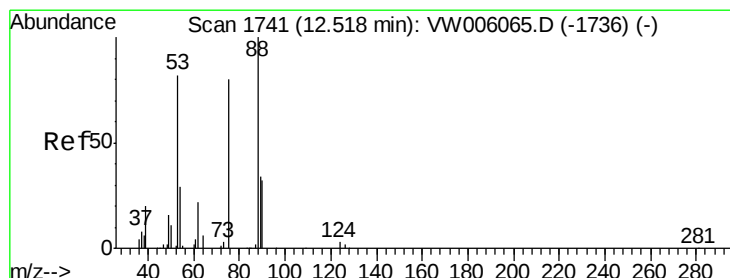
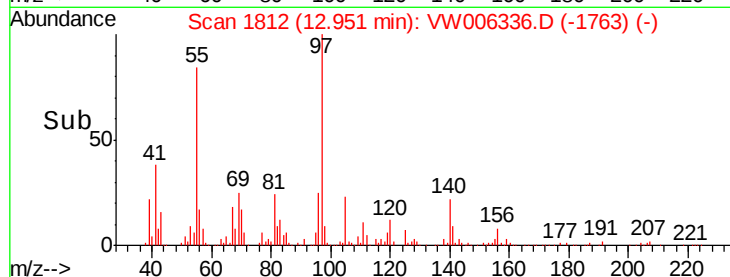
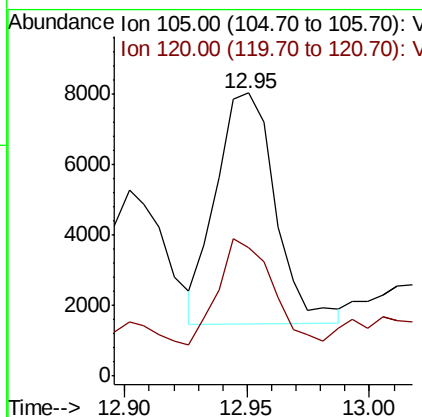
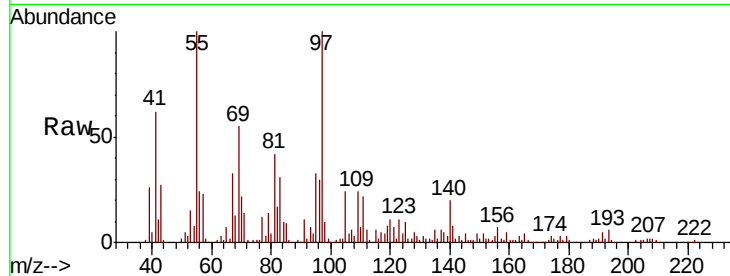




#80
 1,3,5-Trimethylbenzene
 Concen: 3.552 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006336.D
 Acq: 25 Oct 2018 01:02

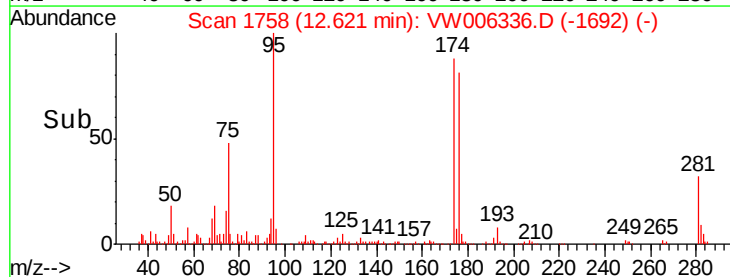
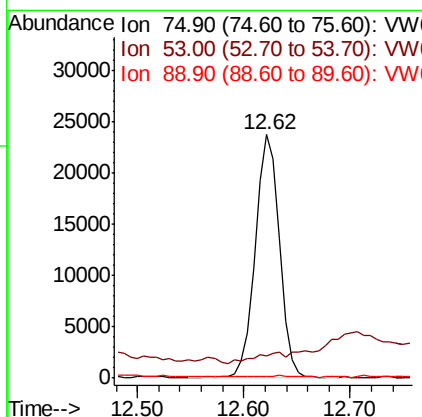
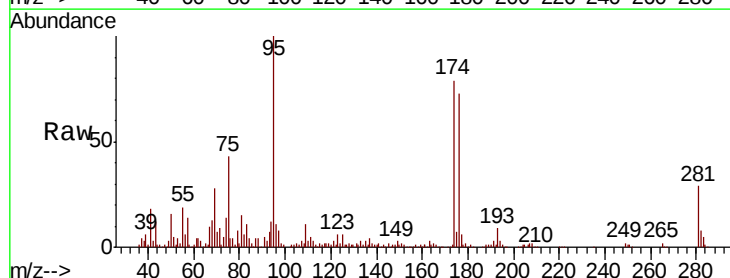
Instrument :
 MSVOA_W
 ClientSampleId :
 KG-V23608RE

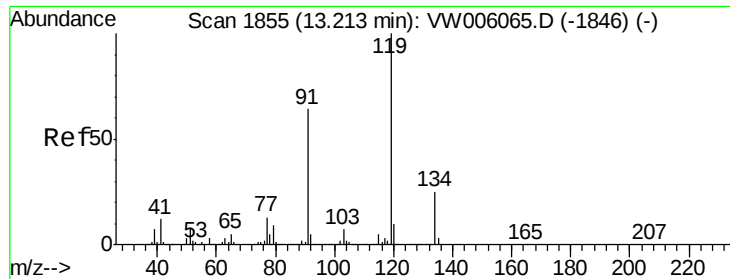
Tot Ion:105 Resp: 11079
 Ion Ratio Lower Upper
 105 100
 120 41.8 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 228.107 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006336.D
 Acq: 25 Oct 2018 01:02

Tgt Ion: 75 Resp: 38171
 Ion Ratio Lower Upper
 75 100
 53 5.2 79.8 119.6#
 89 0.2 37.5 56.3#





#83

tert-Butylbenzene

Concen: 2.697 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

KG-V23608RE

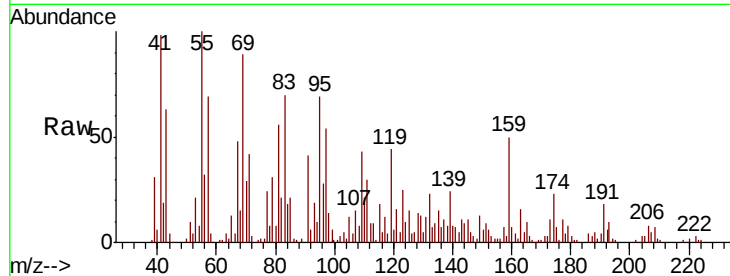
Tot Ion:119 Resp: 7527

Ion Ratio Lower Upper

119 100

91 43.5 32.3 96.9

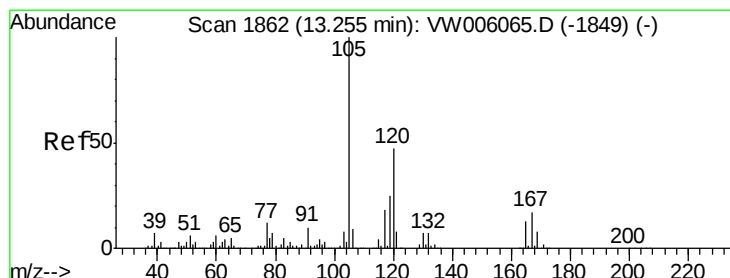
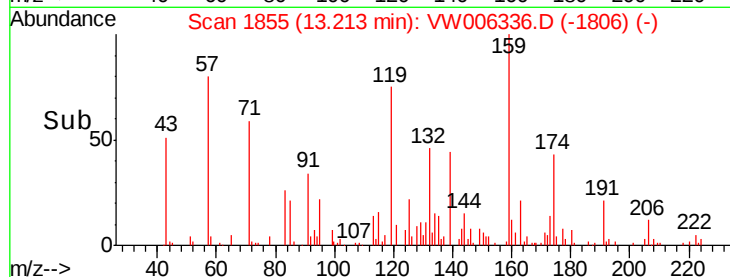
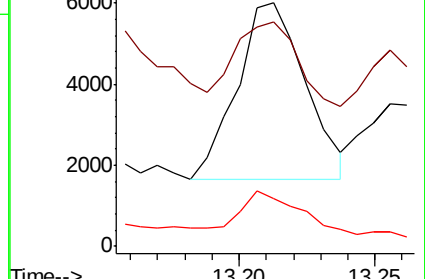
134 28.3 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 7.935 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW006336.D

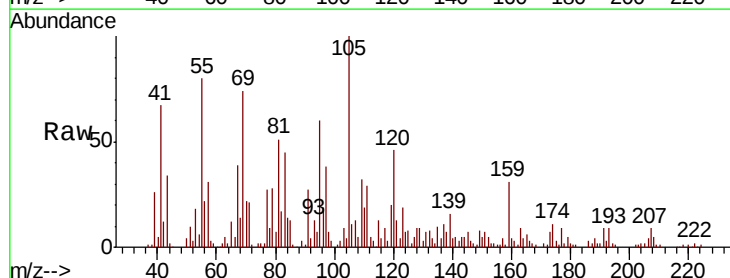
Acq: 25 Oct 2018 01:02

Tgt Ion:105 Resp: 25043

Ion Ratio Lower Upper

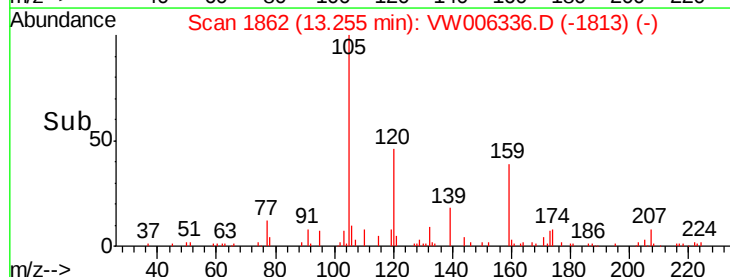
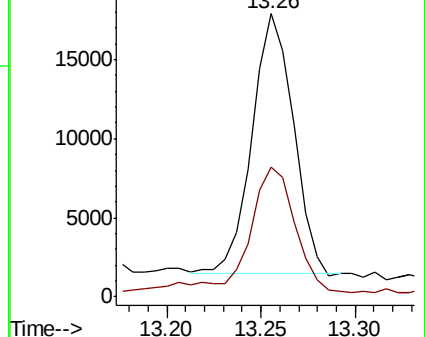
105 100

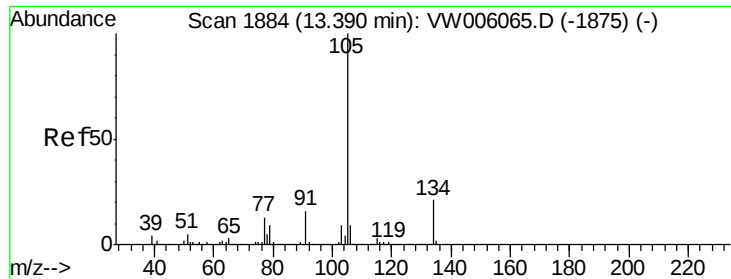
120 55.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.397 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

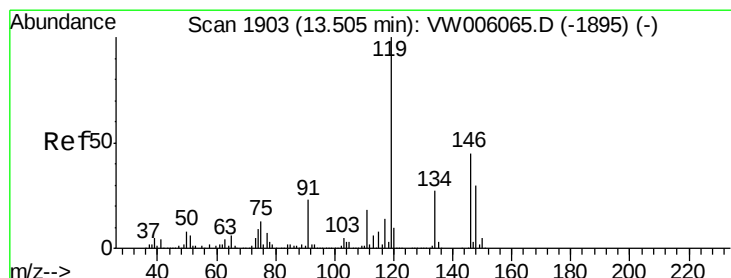
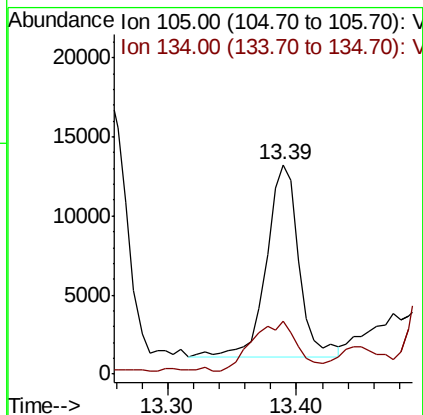
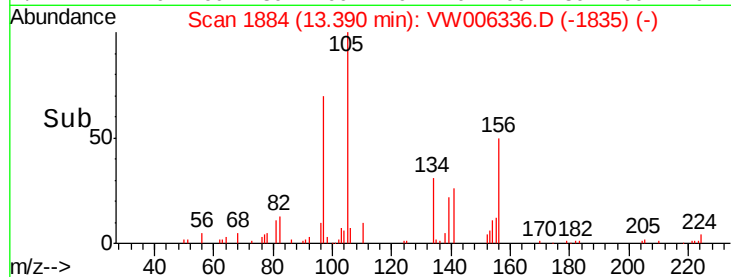
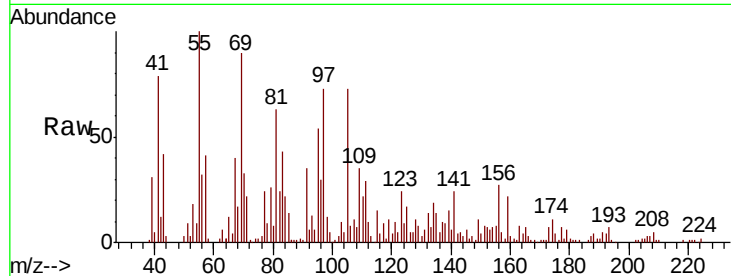
KG-V23608RE

Tot Ion:105 Resp: 21275

Ion Ratio Lower Upper

105 100

134 35.4 10.5 31.6#



#86

p-Isopropyltoluene

Concen: 15.295 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

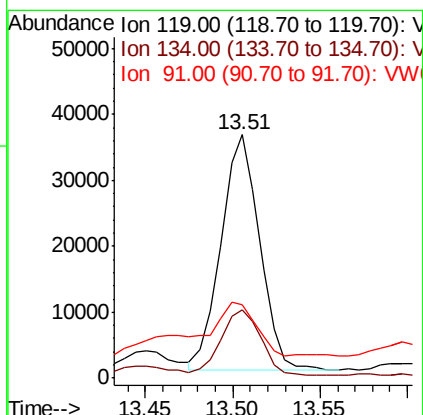
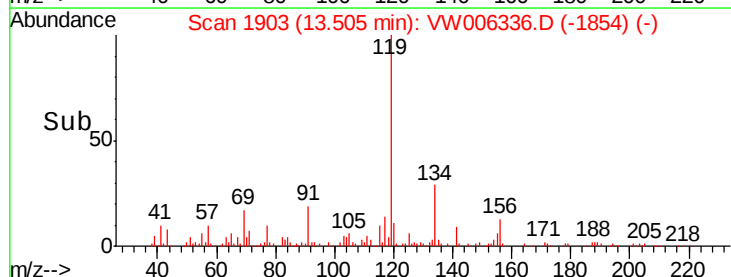
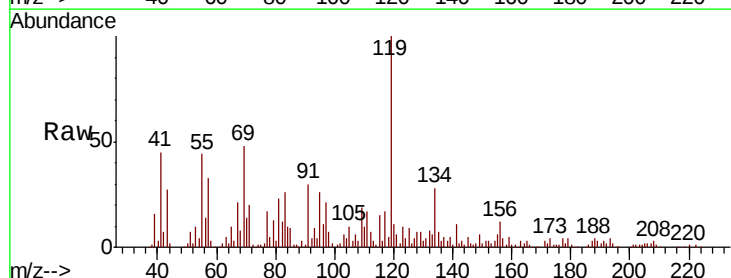
Tgt Ion:119 Resp: 54540

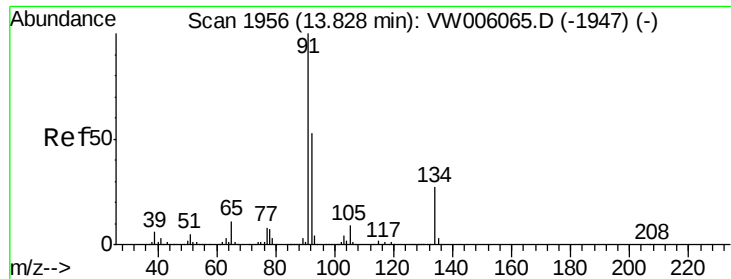
Ion Ratio Lower Upper

119 100

134 29.5 13.4 40.2

91 23.5 11.4 34.1





#89

n-Butylbenzene

Concen: 4.242 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

KG-V23608RE

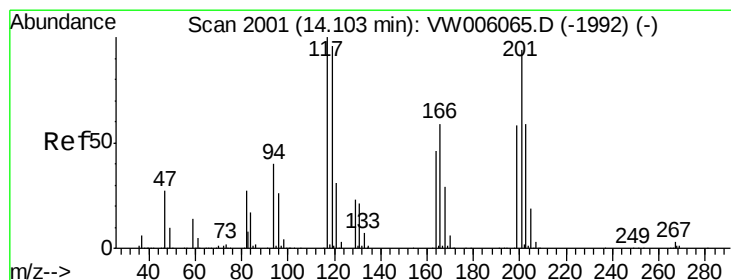
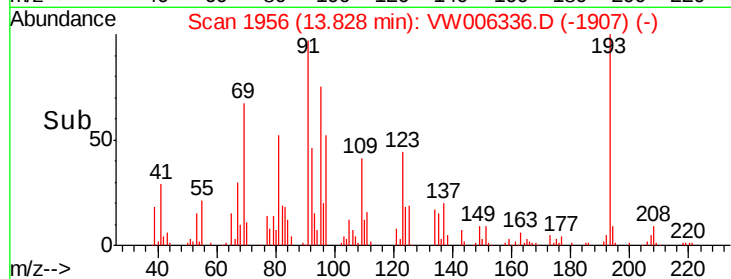
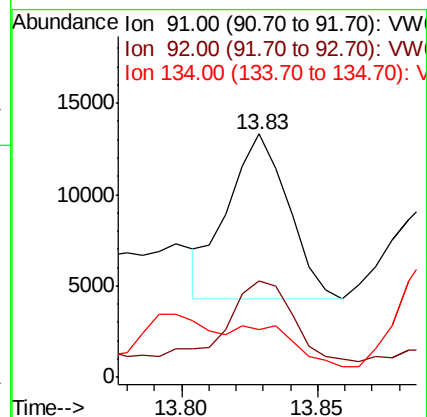
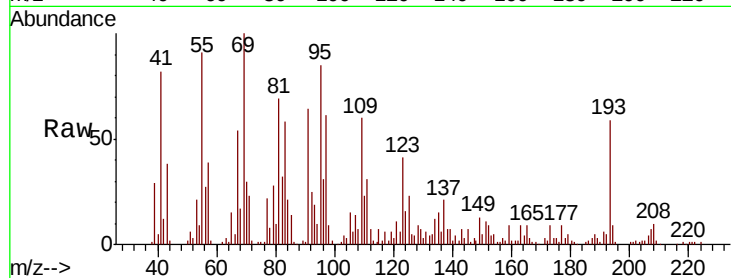
Tot Ion: 91 Resp: 13832

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.7

134 0.0 14.0 41.9#



#90

Hexachloroethane

Concen: 28.190 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW006336.D

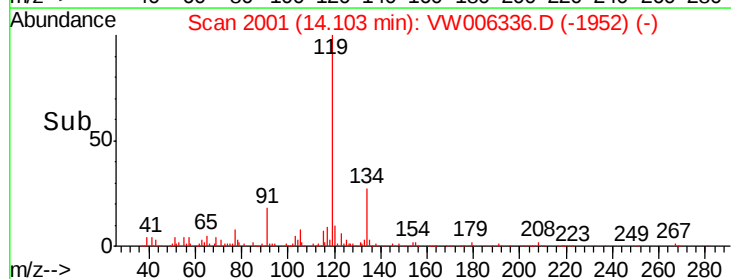
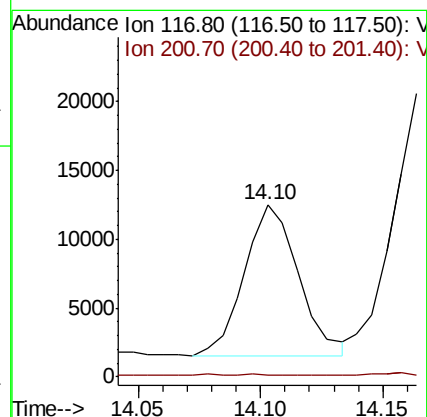
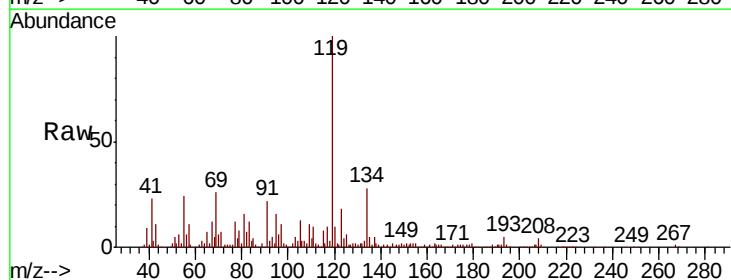
Acq: 25 Oct 2018 01:02

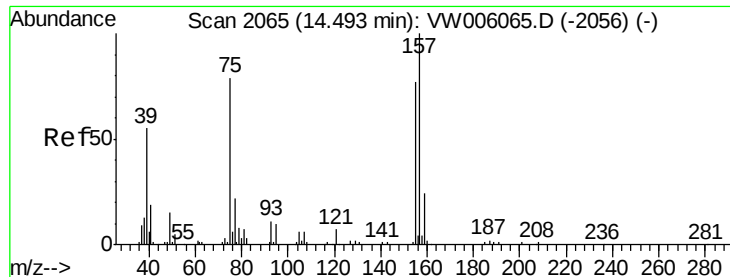
Tgt Ion: 117 Resp: 17027

Ion Ratio Lower Upper

117 100

201 0.7 45.3 135.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 20.169 ug/l

RT: 14.42 min Scan# 2053

Delta R.T. -0.07 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

KG-V23608RE

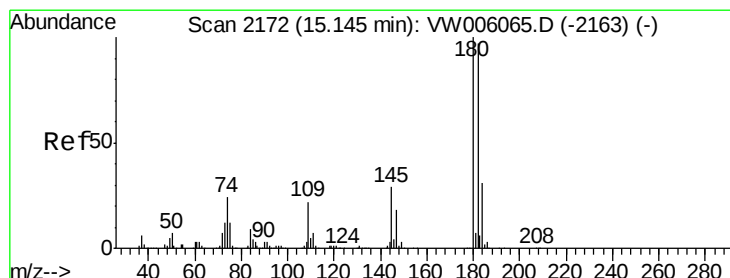
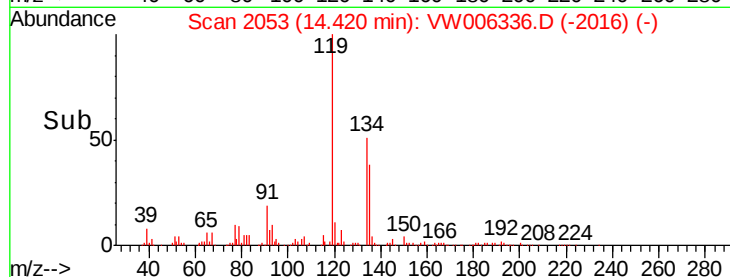
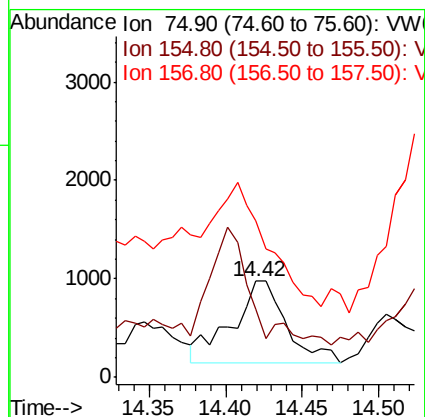
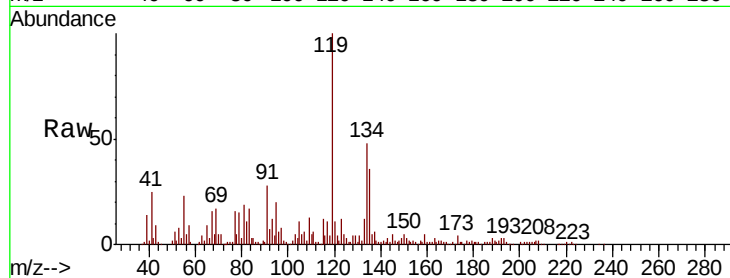
Tot Ion: 75 Resp: 2032

Ion Ratio Lower Upper

75 100

155 111.3 46.5 139.5

157 146.8 59.8 179.4



#93

1,2,4-Trichlorobenzene

Concen: 7.166 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.01 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

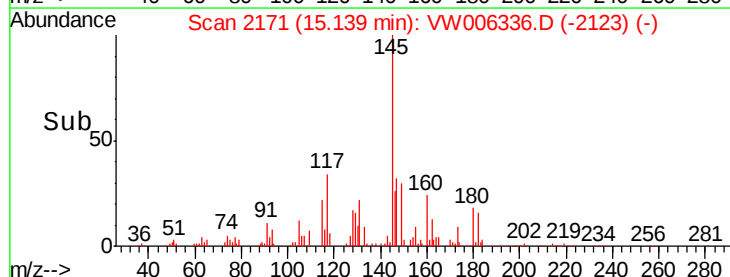
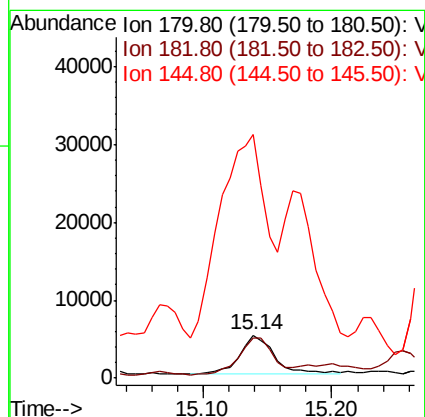
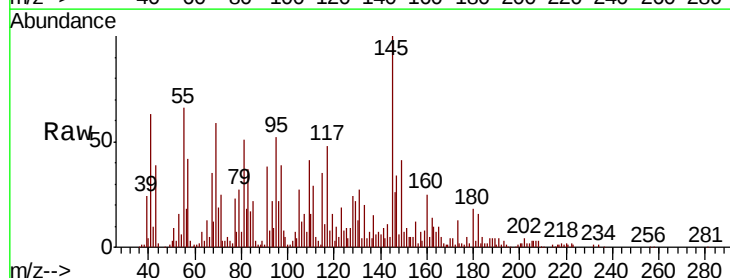
Tgt Ion: 180 Resp: 8870

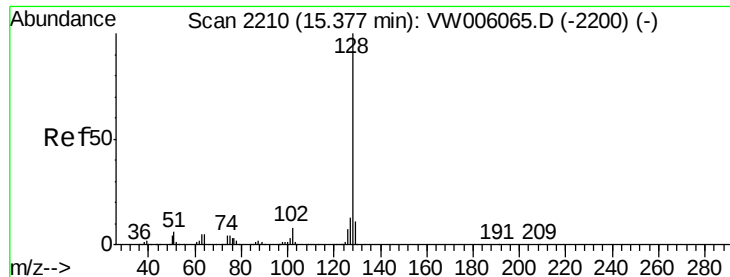
Ion Ratio Lower Upper

180 100

182 99.1 47.9 143.6

145 903.7 14.2 42.8#





#95

Naphthalene

Concen: 2.545 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

KG-V23608RE

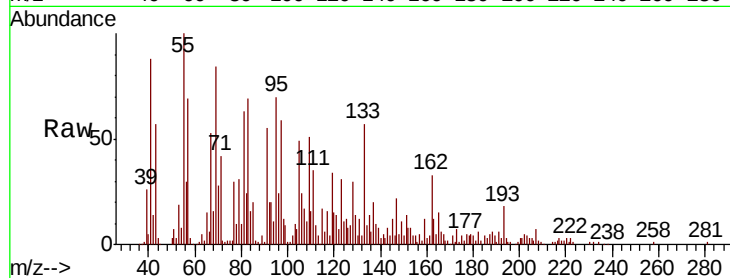
Tot Ion:128 Resp: 5241

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

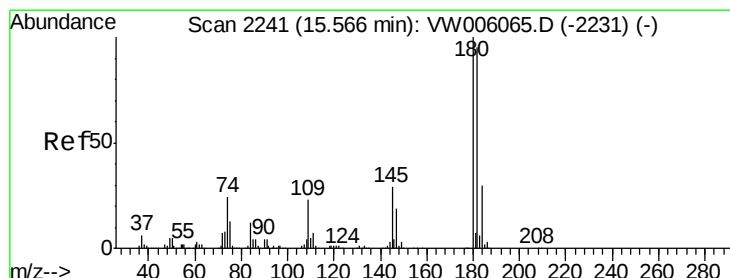
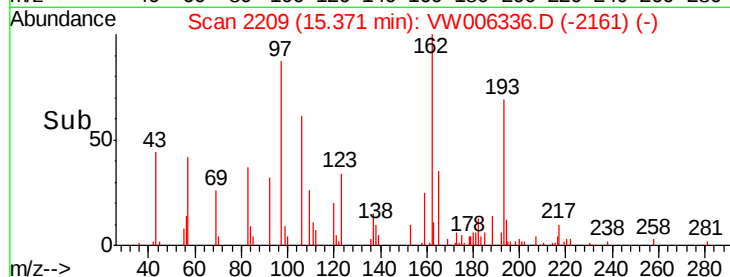
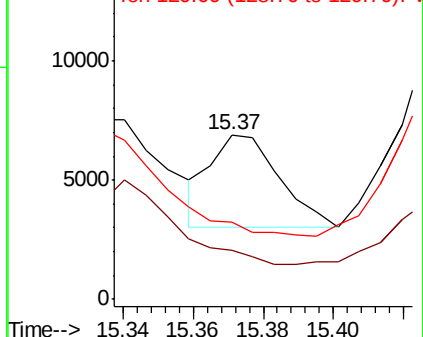
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.005 ug/l

RT: 15.58 min Scan# 2244

Delta R.T. 0.02 min

Lab File: VW006336.D

Acq: 25 Oct 2018 01:02

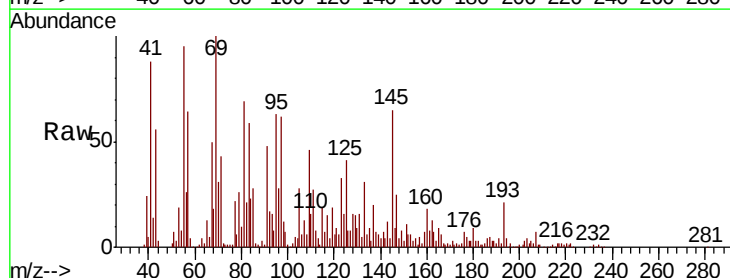
Tgt Ion:180 Resp: 3217

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 2246.8 15.0 45.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

