

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006336.D
 Acq On : 25 Oct 2018 01:02
 Operator : SY/AP
 Sample : J5622-03
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KG-V23608RE

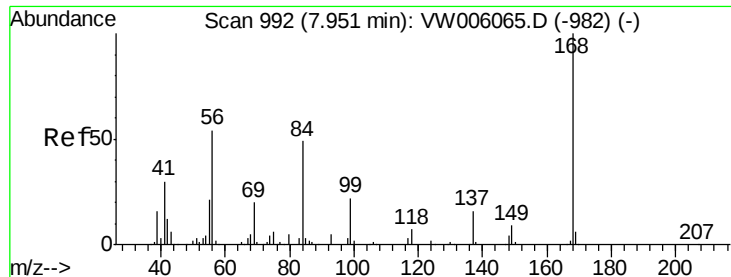
Quant Time: Oct 25 07:20:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

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
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
52) Toluene	10.39	92	6234	1.128	ug/l	96
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
80) 1,3,5-Trimethylbenzene	12.95	105	11079	3.552	ug/l	88
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

(#) = 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: VW006336.D

Acq: 25 Oct 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

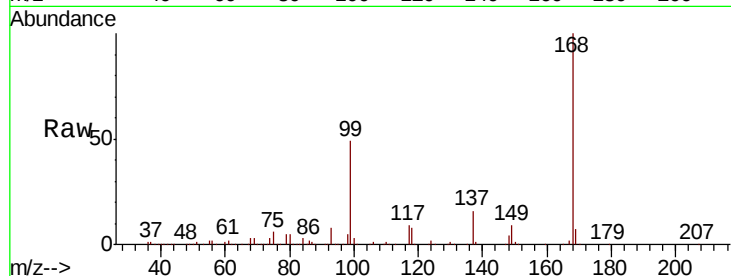
KG-V23608RE

Tot Ion:168 Resp: 211940

Ion Ratio Lower Upper

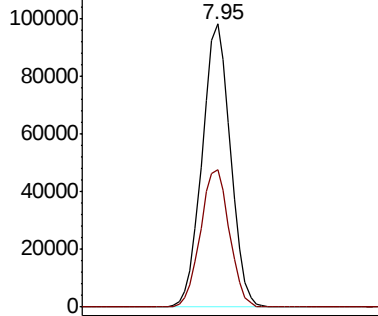
168 100

99 48.8 39.9 59.9

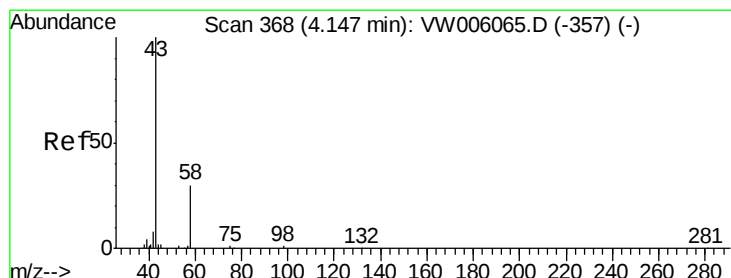
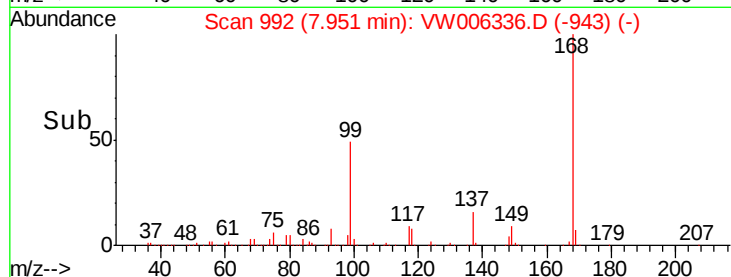


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#16

Acetone

Concen: 30.185 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006336.D

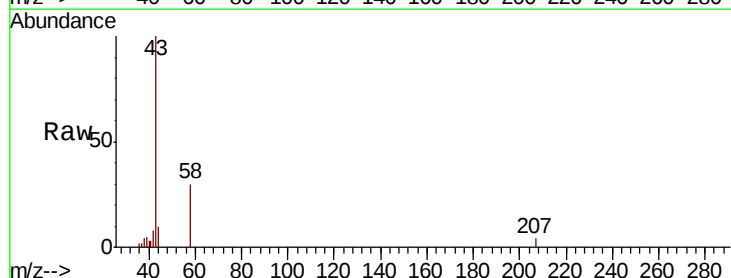
Acq: 25 Oct 2018 01:02

Tgt Ion: 43 Resp: 14241

Ion Ratio Lower Upper

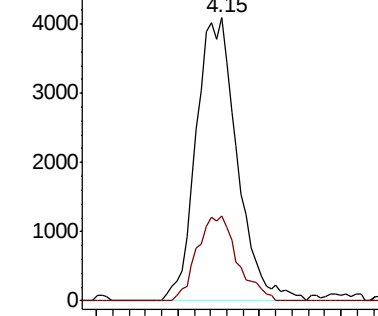
43 100

58 30.1 24.0 36.0

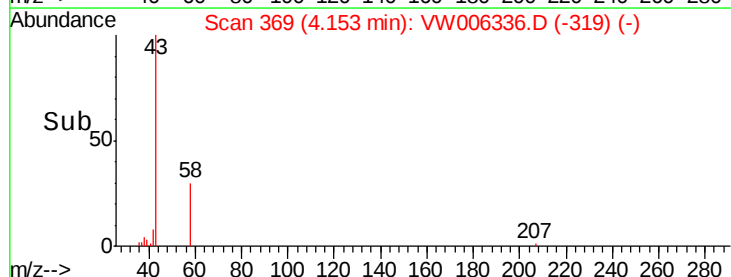


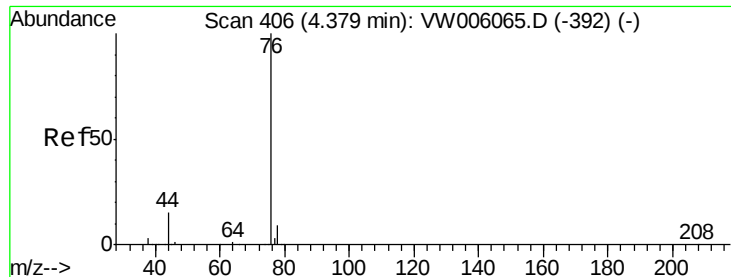
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->

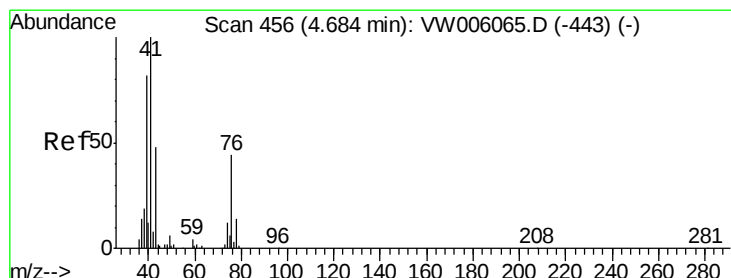
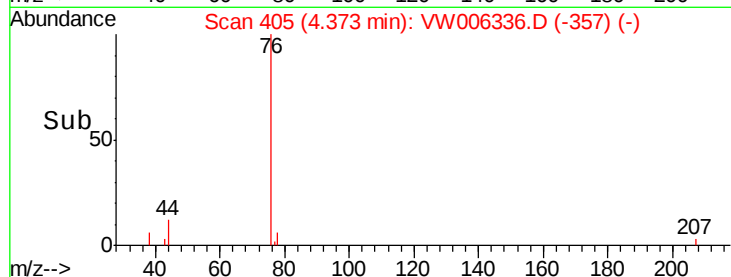
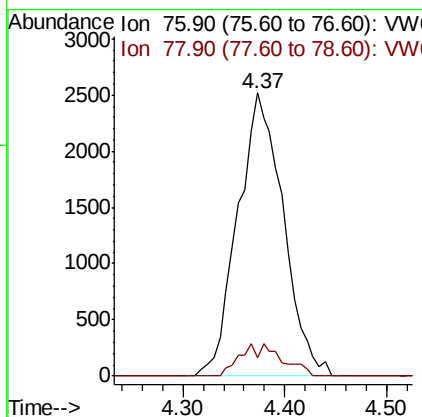
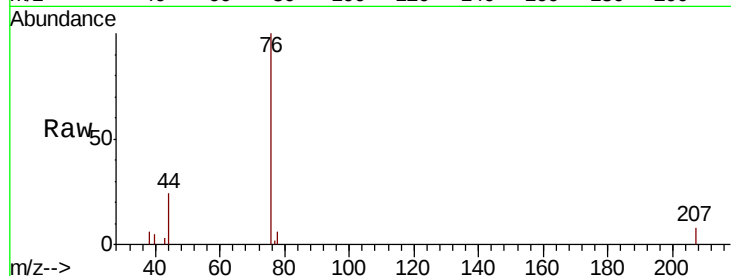




#17
Carbon Disulfide
Concen: 1.457 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006336.D
Acq: 25 Oct 2018 01:02

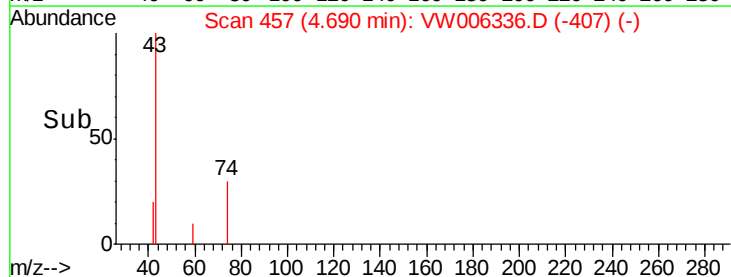
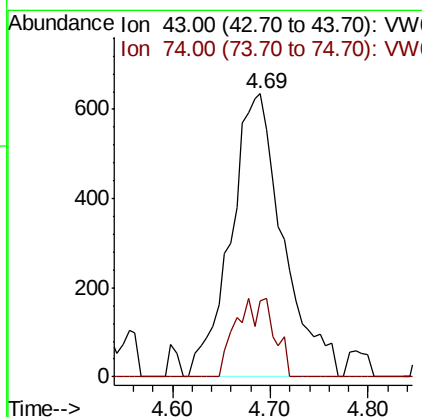
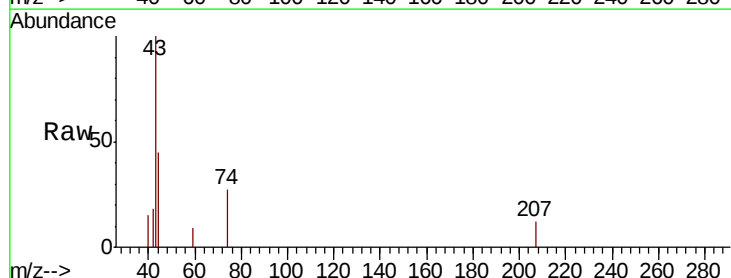
Instrument :
MSVOA_W
ClientSampleId :
KG-V23608RE

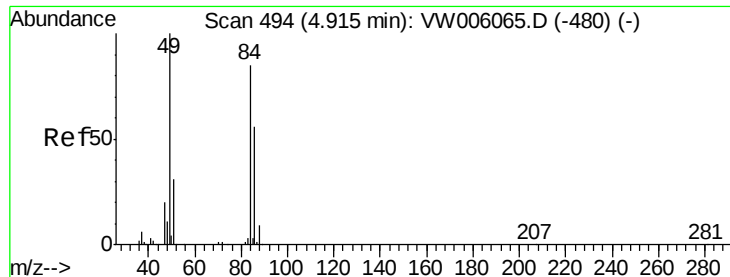
Tot Ion: 76 Resp: 7787
Ion Ratio Lower Upper
76 100
78 6.5 7.5 11.3#



#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

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

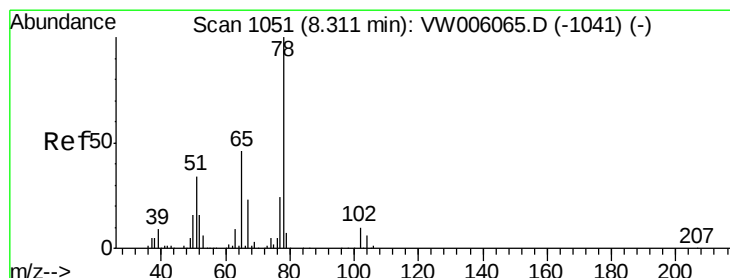
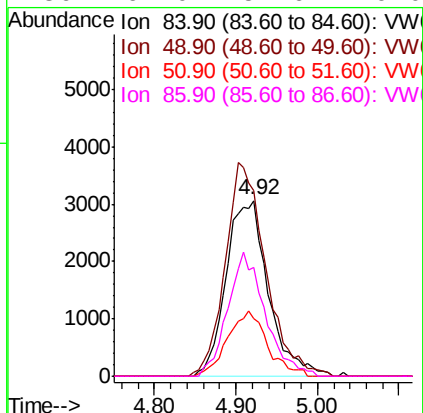
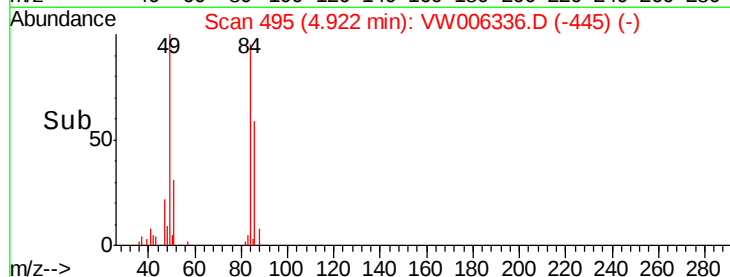
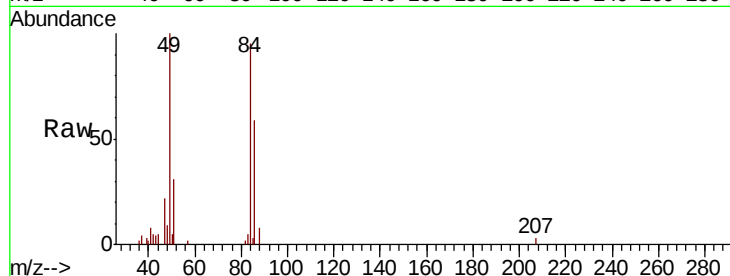




#20
Methylene Chloride
Concen: 4.407 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006336.D
Acq: 25 Oct 2018 01:02

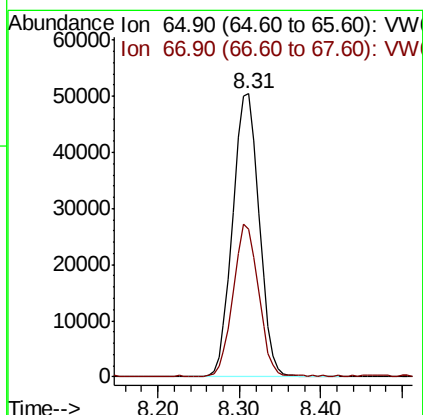
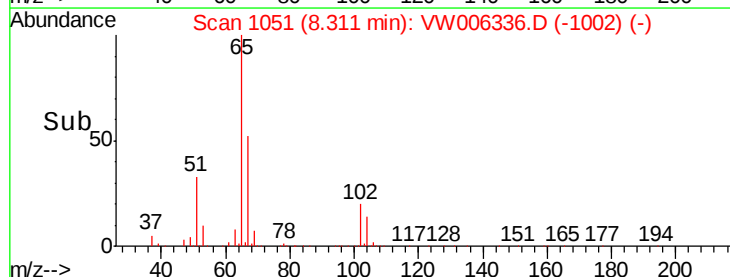
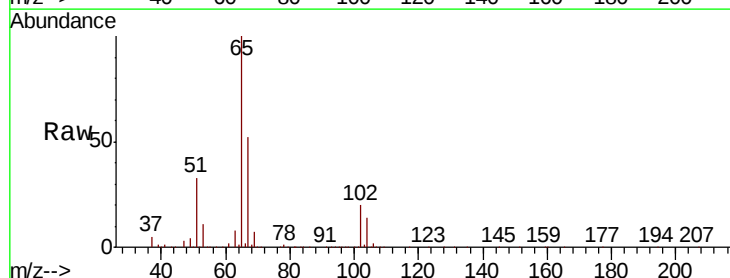
Instrument :
MSVOA_W
ClientSampleId :
KG-V23608RE

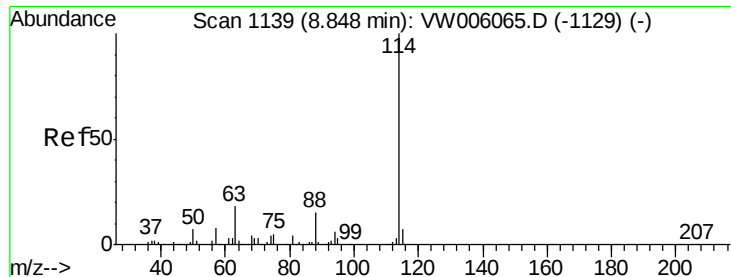
Tot Ion: 84 Resp: 10952
Ion Ratio Lower Upper
84 100
49 105.3 93.6 140.4
51 32.7 29.0 43.4
86 62.0 52.6 79.0



#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

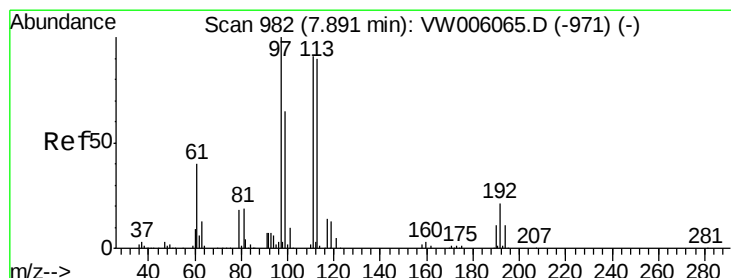
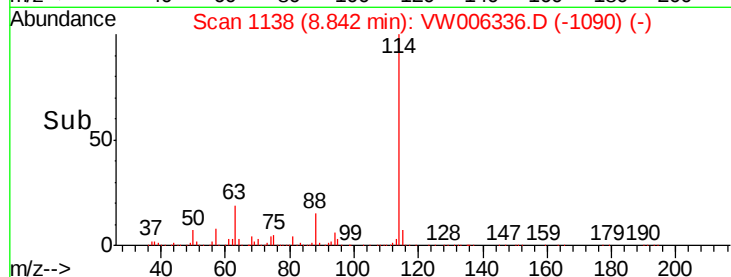
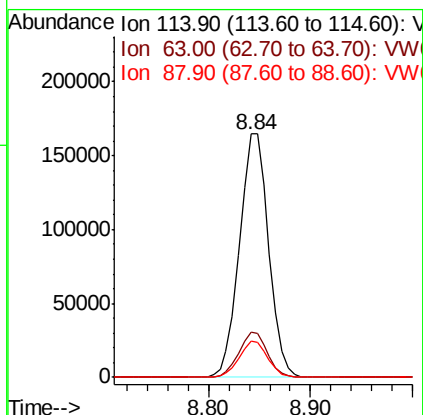
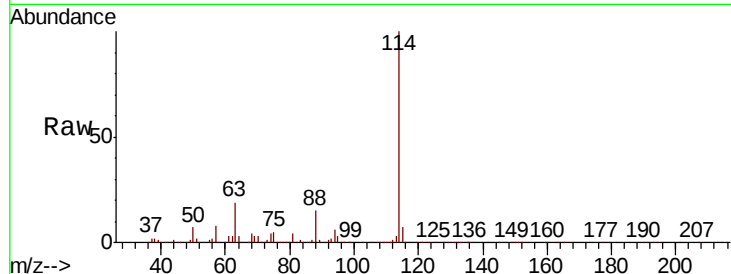




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW006336.D
Acq: 25 Oct 2018 01:02

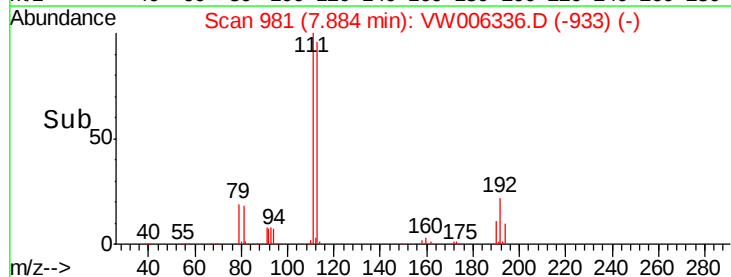
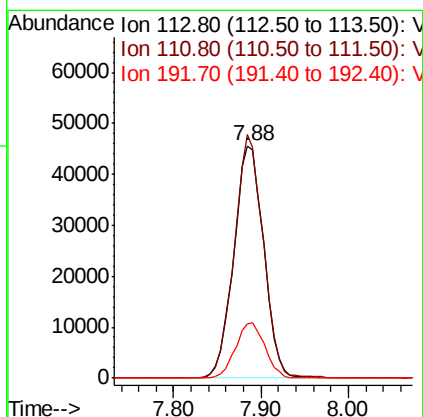
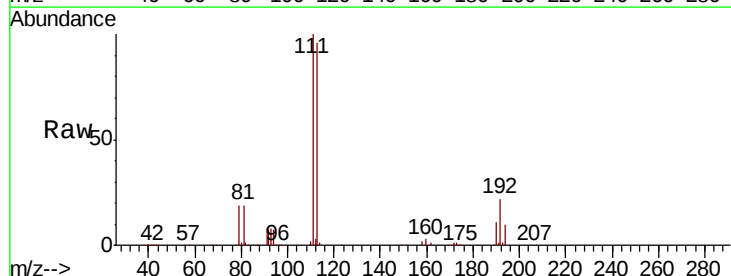
Instrument :
MSVOA_W
ClientSampleId :
KG-V23608RE

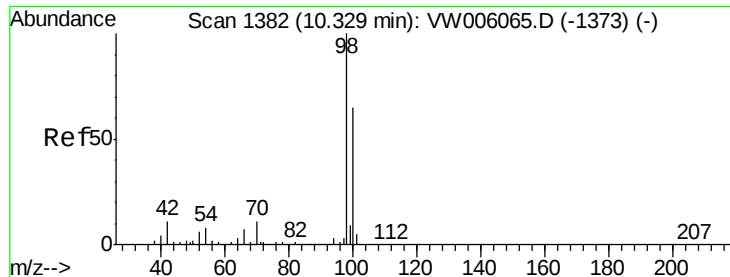
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	36.8
88	14.9	0.0	29.0



#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	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	23.5	18.7	28.1





#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

Instrument :

MSVOA_W

ClientSampleId :

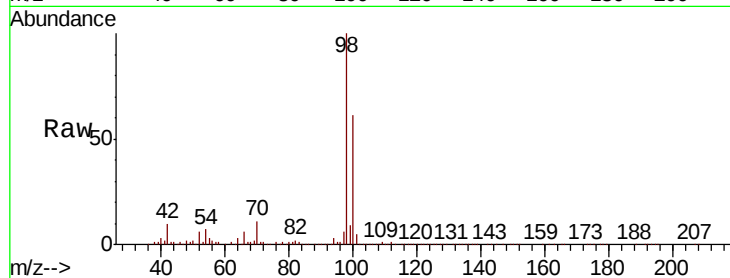
KG-V23608RE

Tot Ion: 98 Resp: 286181

Ion Ratio Lower Upper

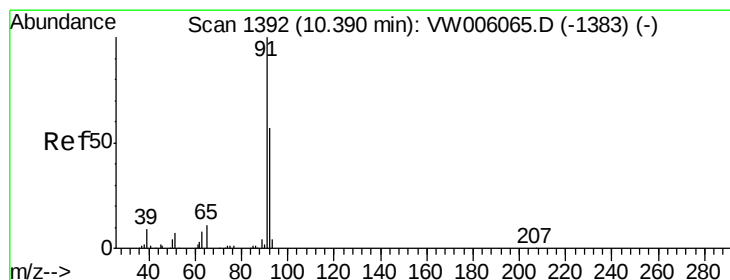
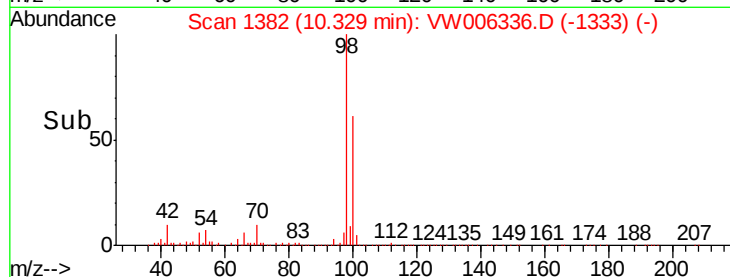
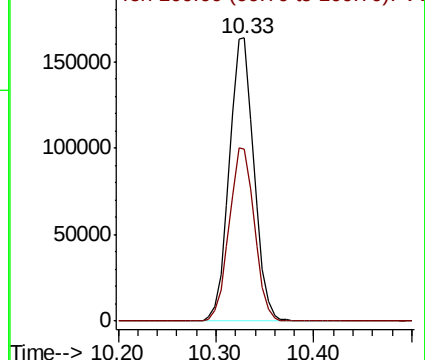
98 100

100 62.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.128 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006336.D

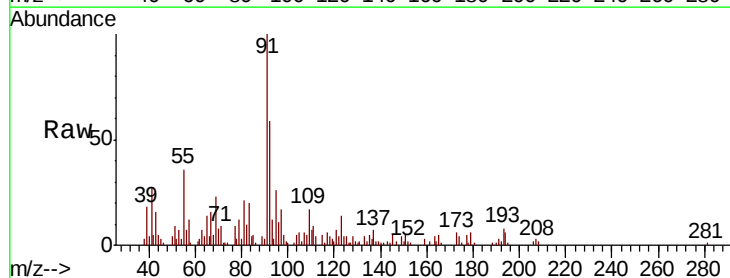
Acq: 25 Oct 2018 01:02

Tgt Ion: 92 Resp: 6234

Ion Ratio Lower Upper

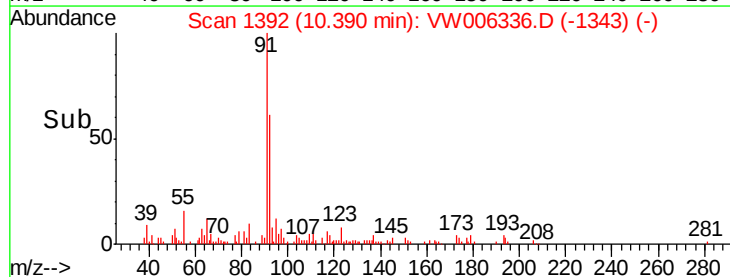
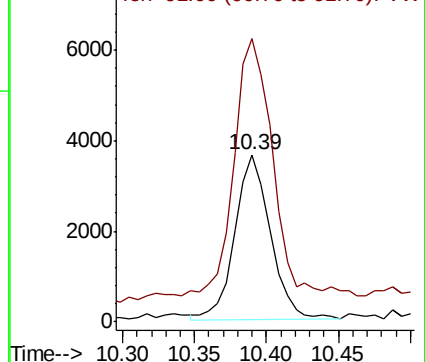
92 100

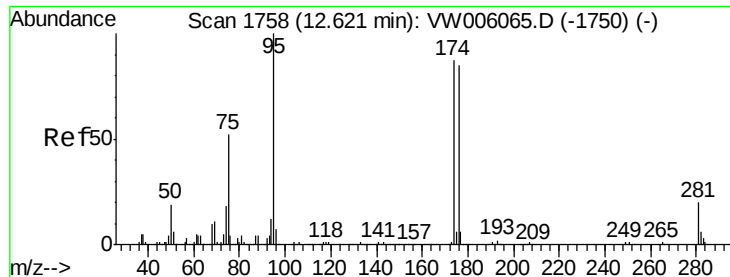
91 168.9 140.0 210.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#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

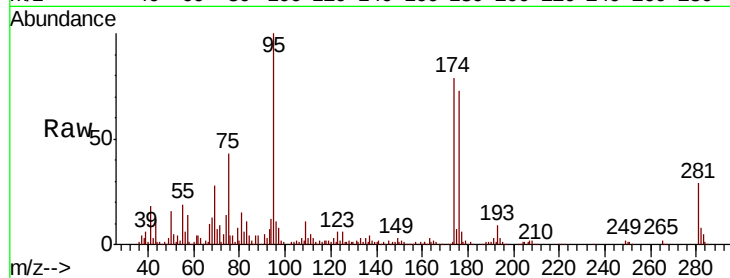
Tot Ion: 95 Resp: 78700

Ion Ratio Lower Upper

95 100

174 87.7 0.0 186.0

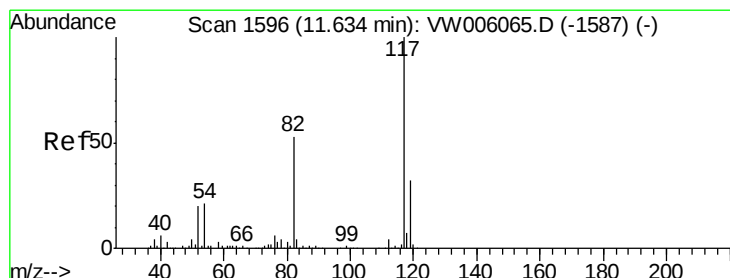
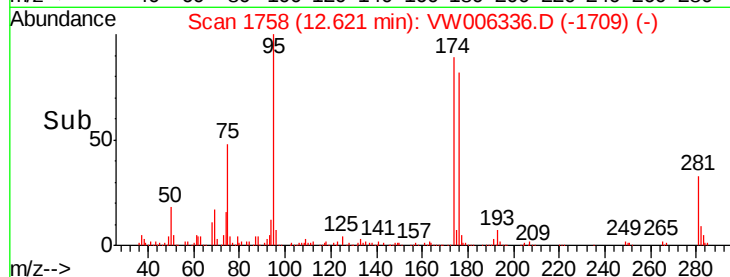
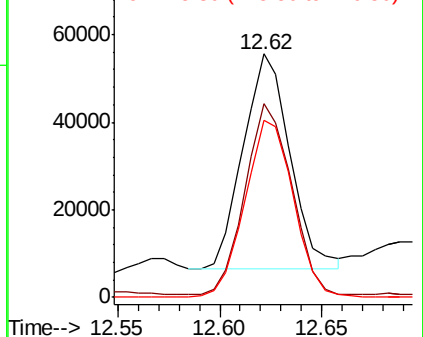
176 84.3 0.0 181.6



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

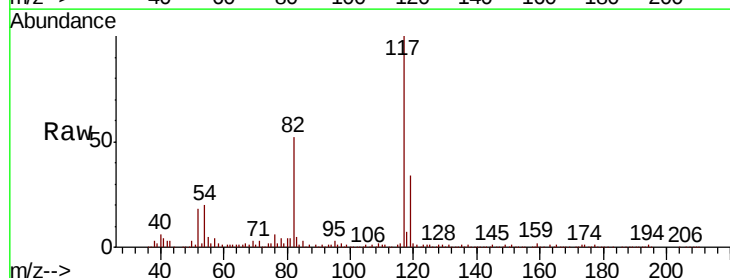
Tgt Ion: 117 Resp: 195112

Ion Ratio Lower Upper

117 100

82 50.6 42.1 63.1

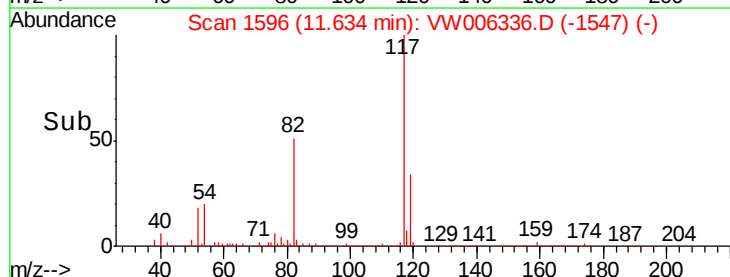
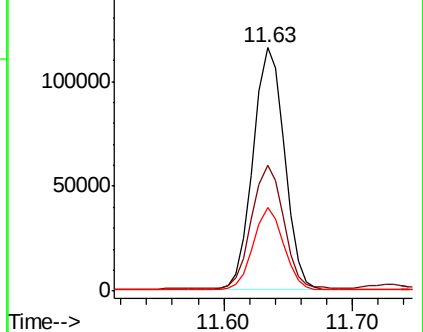
119 34.0 25.8 38.6

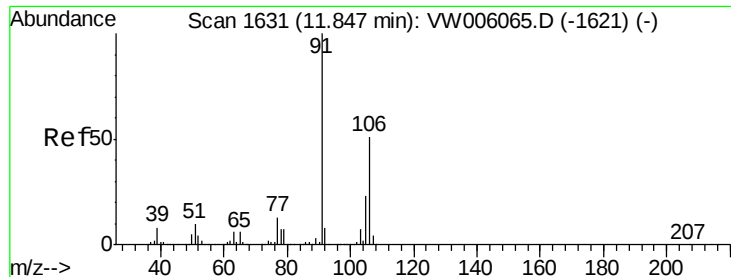


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

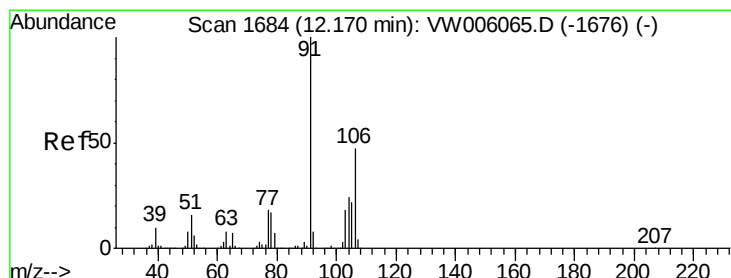
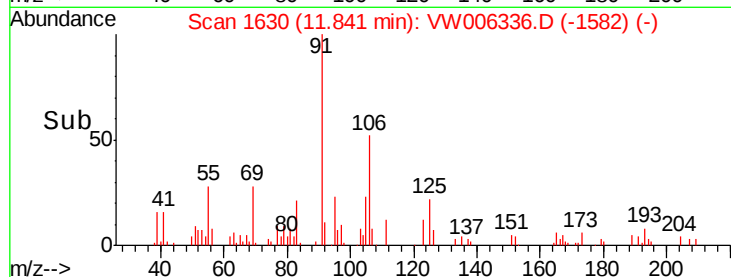
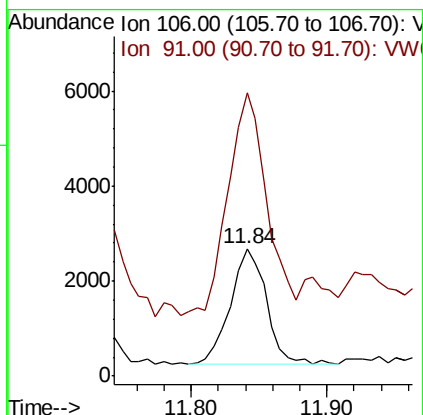
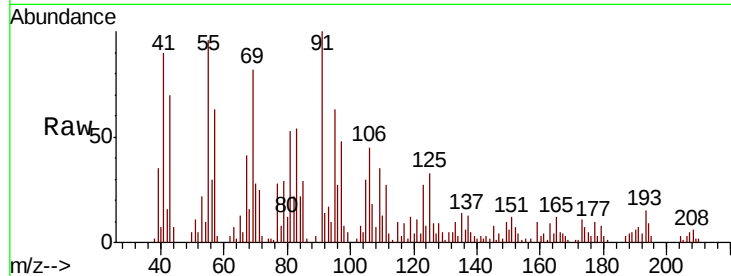




#68
m/p-Xylenes
Concen: 1.546 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006336.D
Acq: 25 Oct 2018 01:02

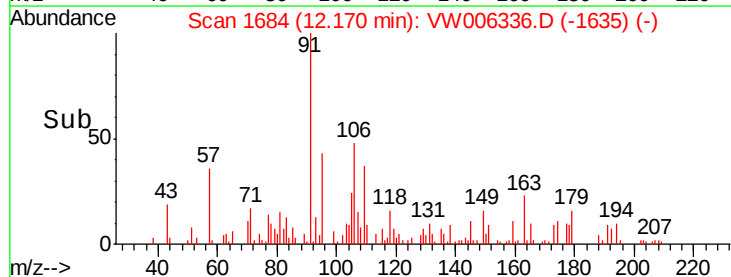
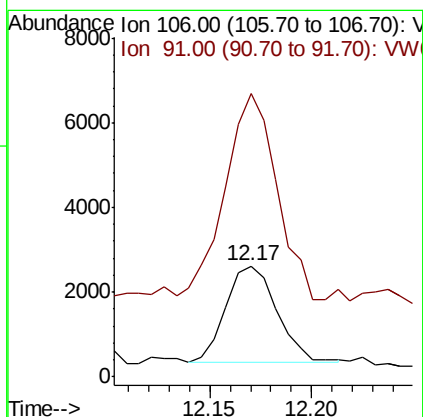
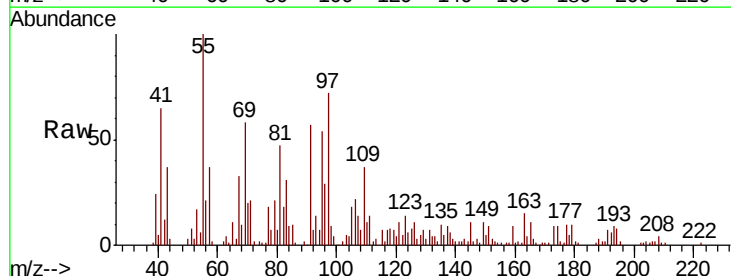
Instrument :
MSVOA_W
ClientSampleId :
KG-V23608RE

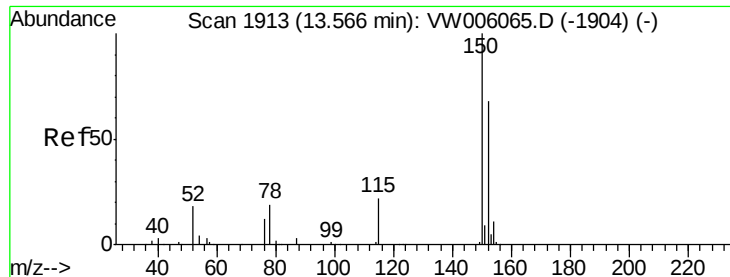
Tot Ion:106 Resp: 4424
Ion Ratio Lower Upper
106 100
91 209.5 159.1 238.7



#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





#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

Instrument :

MSVOA_W

ClientSampleId :

KG-V23608RE

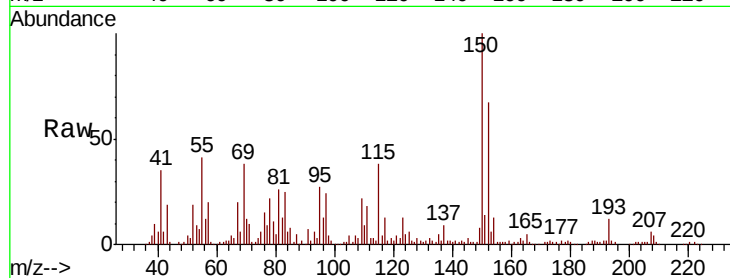
Tot Ion:152 Resp: 52370

Ion Ratio Lower Upper

152 100

115 51.6 27.8 83.3

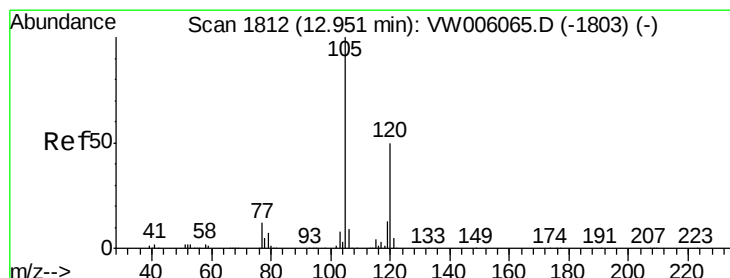
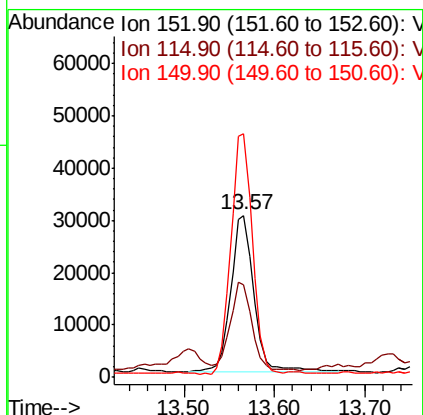
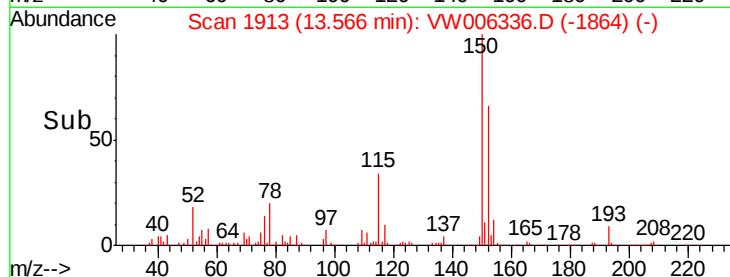
150 144.9 0.0 349.2



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



#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

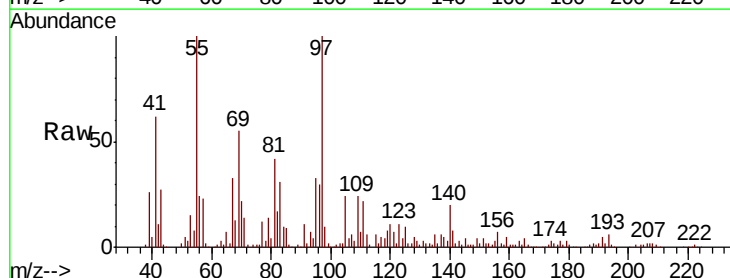
Acq: 25 Oct 2018 01:02

Tgt Ion:105 Resp: 11079

Ion Ratio Lower Upper

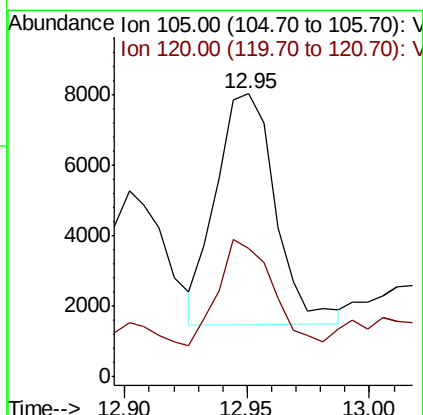
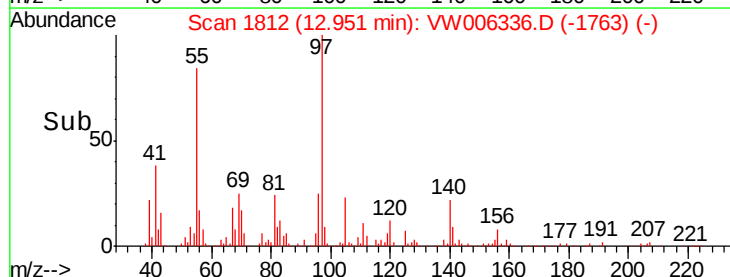
105 100

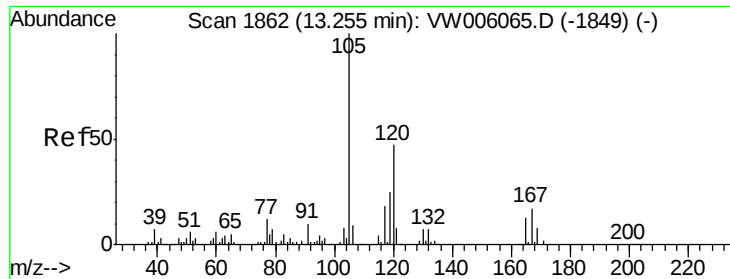
120 41.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

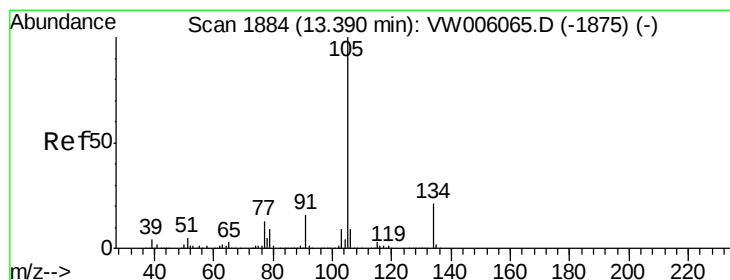
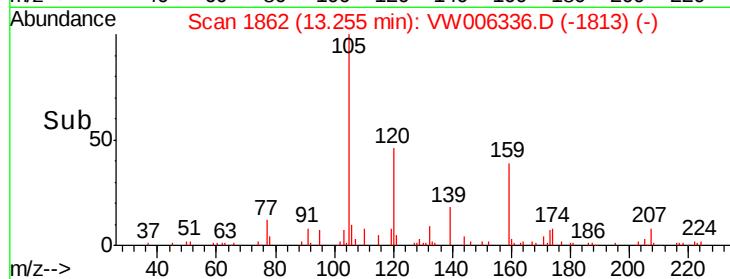
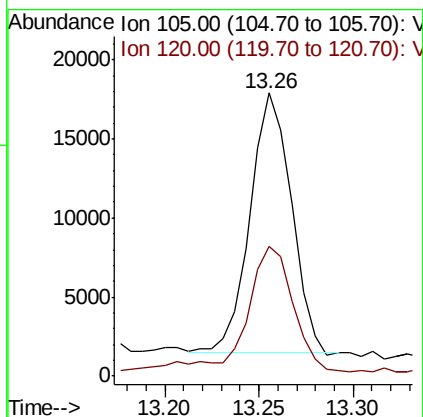
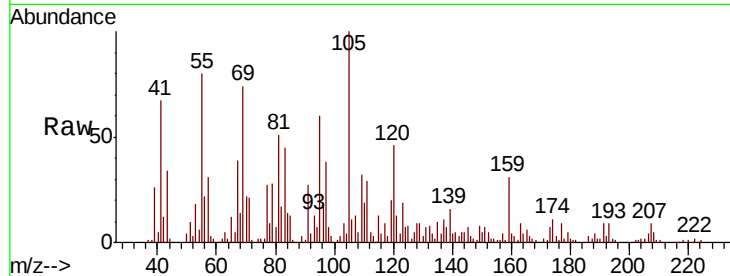




#84
1,2,4-Trimethylbenzene
Concen: 7.935 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006336.D
Acq: 25 Oct 2018 01:02

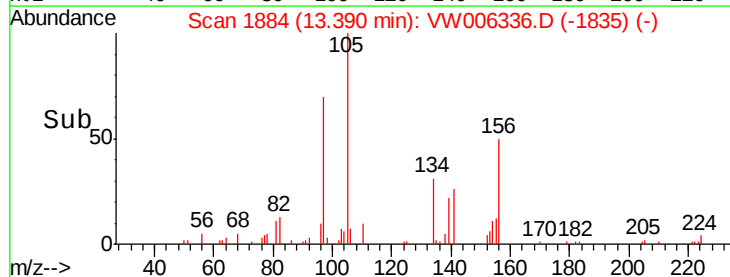
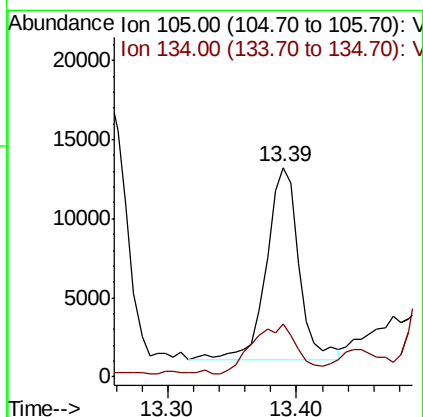
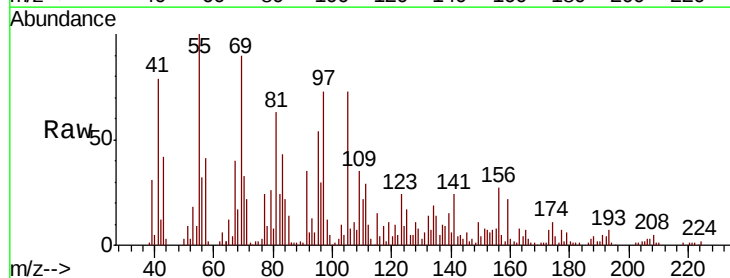
Instrument :
MSVOA_W
ClientSampleId :
KG-V23608RE

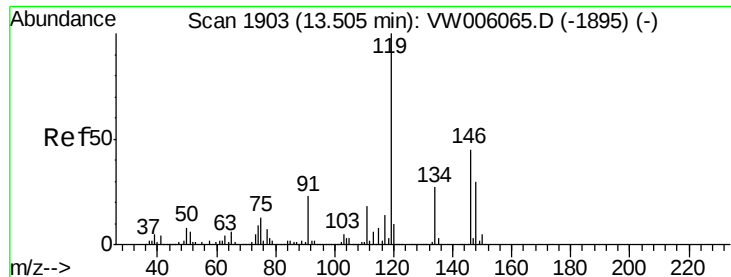
Tot Ion:105 Resp: 25043
Ion Ratio Lower Upper
105 100
120 55.0 23.1 69.3



#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

Tgt 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

Instrument :
 MSVOA_W
 ClientSampleId :
 KG-V23608RE

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.5	13.4	40.2
91	23.5	11.4	34.1

