

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006523.D
 Acq On : 31 Oct 2018 14:01
 Operator : SY/AP
 Sample : J5711-01
 Misc : 5.84G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1

Quant Time: Oct 31 15:43:12 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

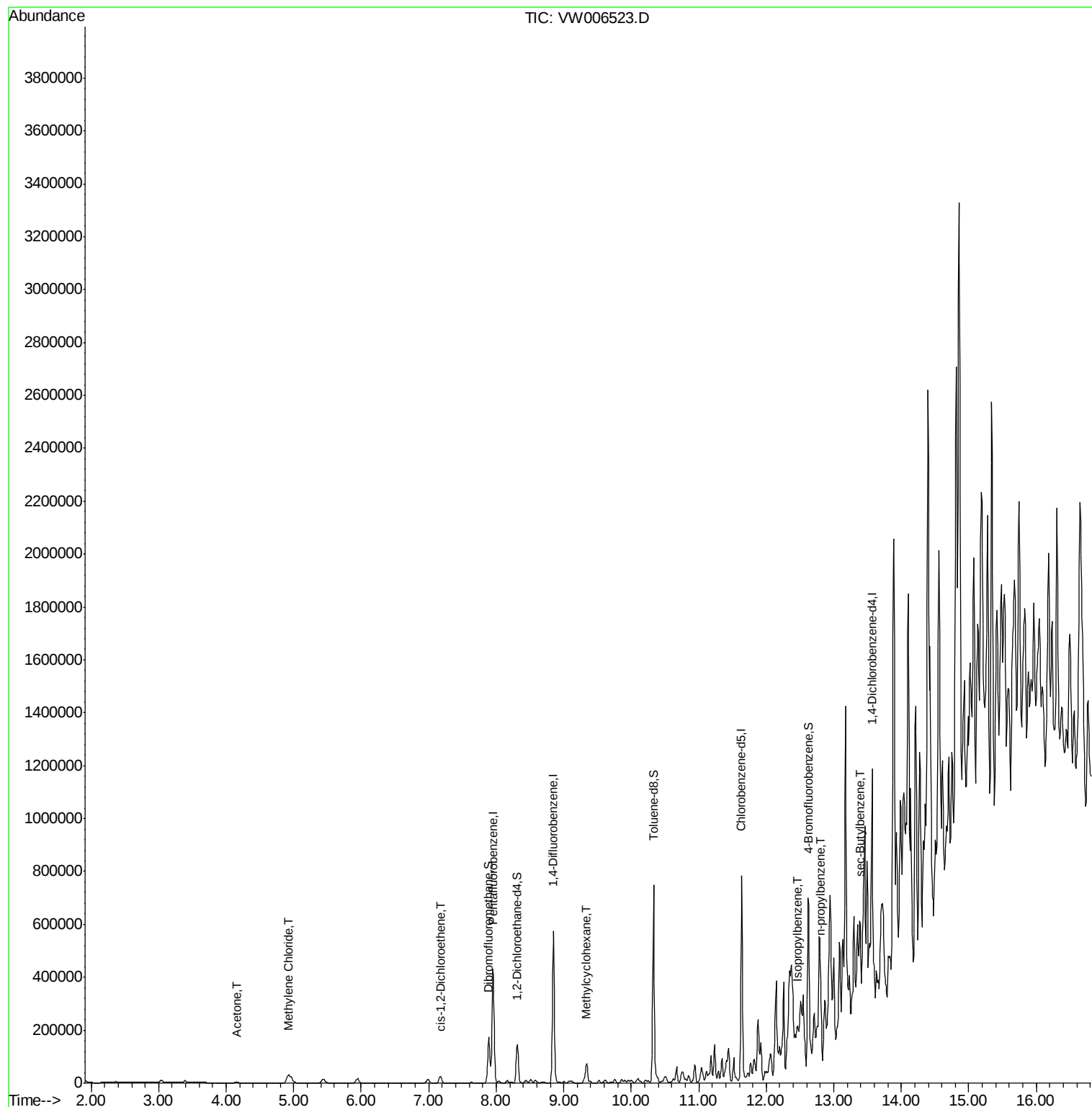
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	345356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	496989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	457506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	266862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116566	40.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.42%	
35) Dibromofluoromethane	7.89	113	121188	41.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.54%	
50) Toluene-d8	10.33	98	469868	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.12%	
62) 4-Bromofluorobenzene	12.62	95	178656	42.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.14%	
Target Compounds						
16) Acetone	4.15	43	9461	2.986	ug/l	91
20) Methylene Chloride	4.92	84	22873	6.122	ug/l	92
27) cis-1,2-Dichloroethene	7.17	96	12232	3.441	ug/l	91
39) Methylcyclohexane	9.34	83	31891	5.237	ug/l	97
73) Isopropylbenzene	12.47	105	35330	1.874	ug/l	98
78) n-propylbenzene	12.81	91	147957	6.746	ug/l	100
85) sec-Butylbenzene	13.39	105	105985	5.276	ug/l #	63

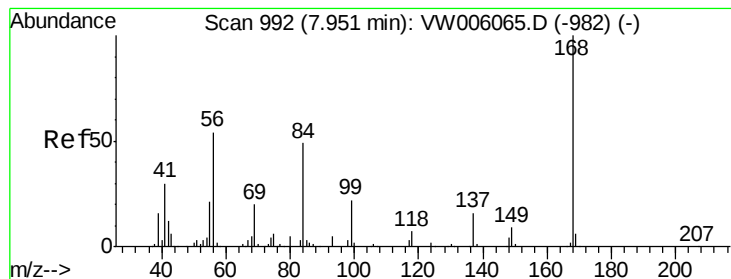
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-1

Quant Time: Oct 31 15:43:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
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: VW006523.D

Acq: 31 Oct 2018 14:01

Instrument :

MSVOA_W

ClientSampled :

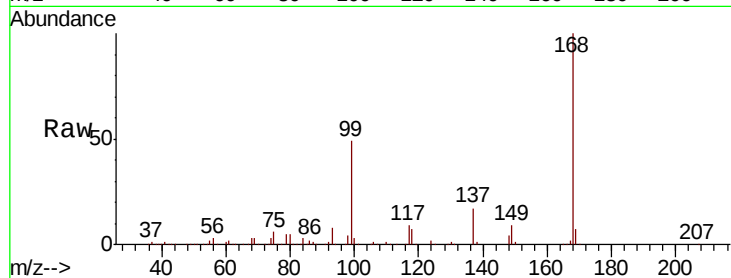
SB-1

Tot Ion:168 Resp: 345356

Ion Ratio Lower Upper

168 100

99 48.9 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

150000

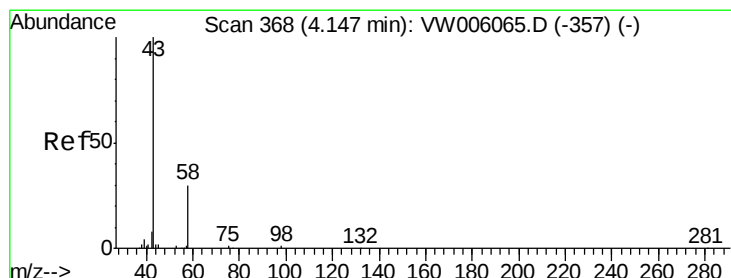
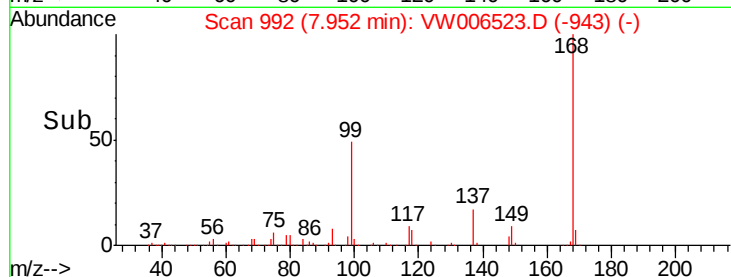
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 2.986 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006523.D

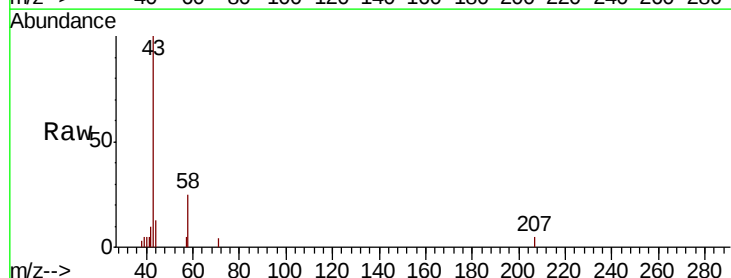
Acq: 31 Oct 2018 14:01

Tgt Ion: 43 Resp: 9461

Ion Ratio Lower Upper

43 100

58 25.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

3000

2500

2000

1500

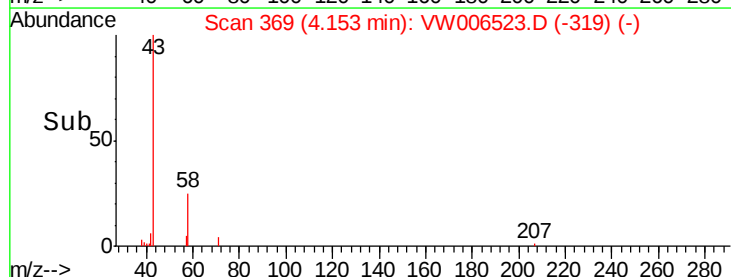
1000

500

0

4.00 4.10 4.20 4.30

Time-->





#20

Methylene Chloride

Concen: 6.122 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006523.D

Acq: 31 Oct 2018 14:01

Instrument :

MSVOA_W

ClientSampled :

SB-1

Tot Ion: 84 Resp: 22873

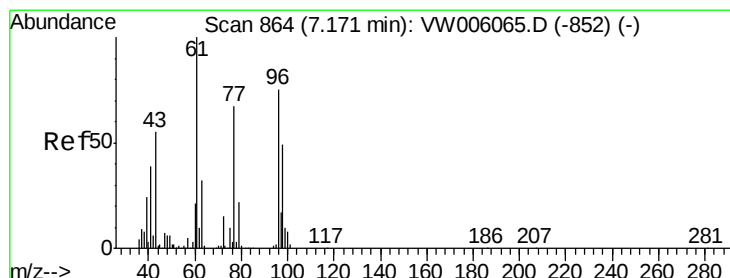
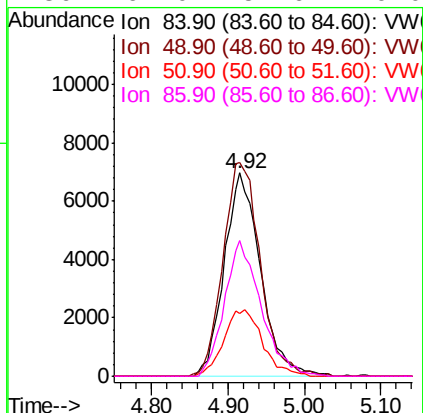
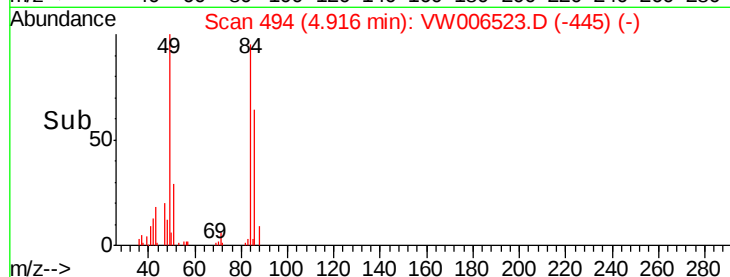
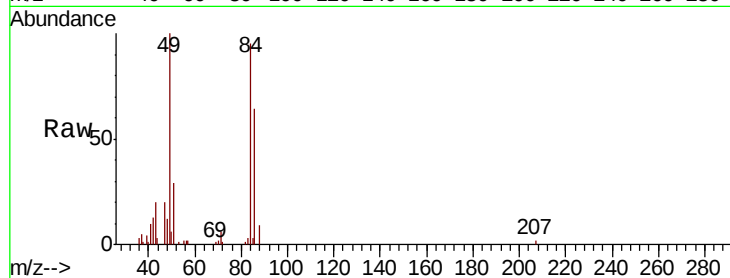
Ion Ratio Lower Upper

84 100

49 105.2 93.6 140.4

51 31.0 29.0 43.4

86 67.0 52.6 79.0



#27

cis-1,2-Dichloroethene

Concen: 3.441 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006523.D

Acq: 31 Oct 2018 14:01

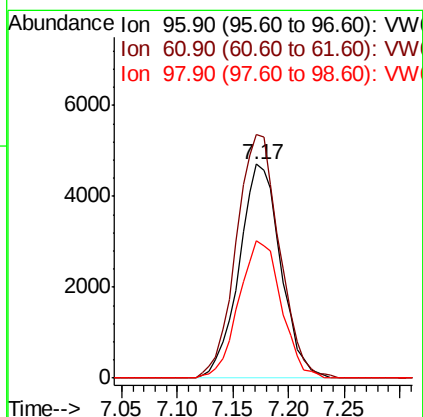
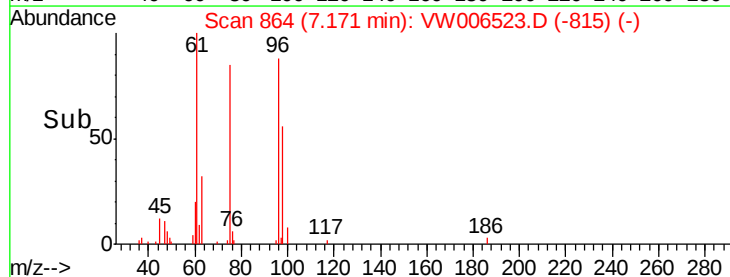
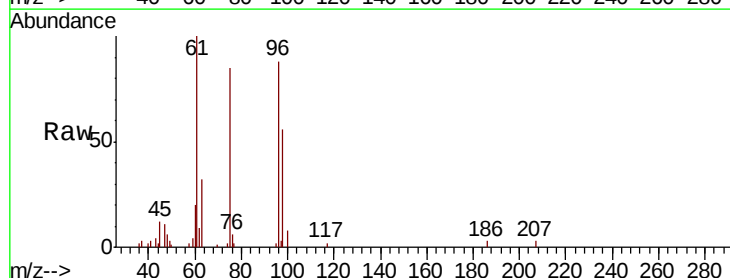
Tgt Ion: 96 Resp: 12232

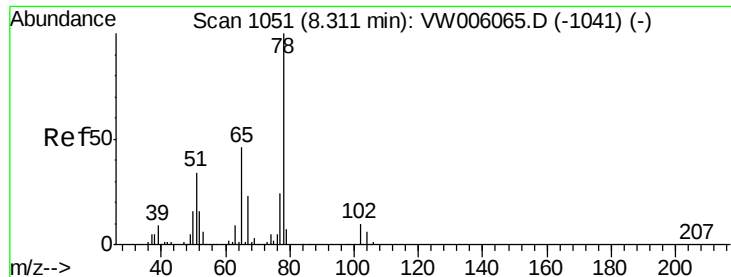
Ion Ratio Lower Upper

96 100

61 117.8 0.0 267.2

98 65.5 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 40.712 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006523.D

Acq: 31 Oct 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

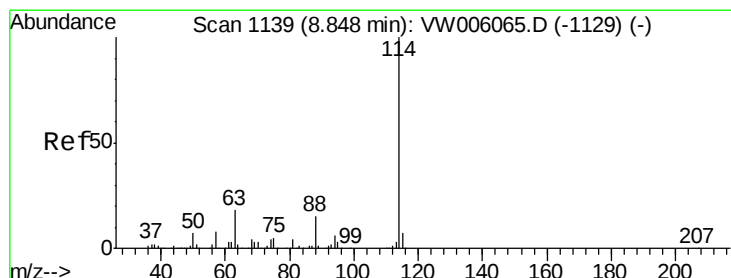
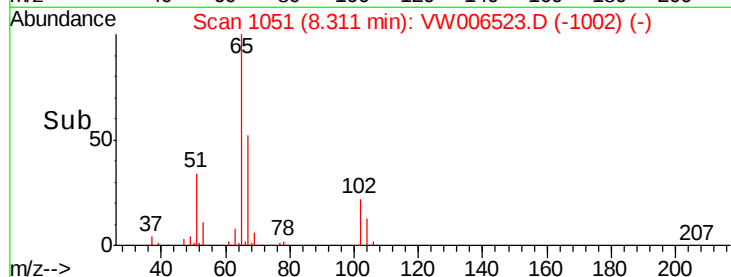
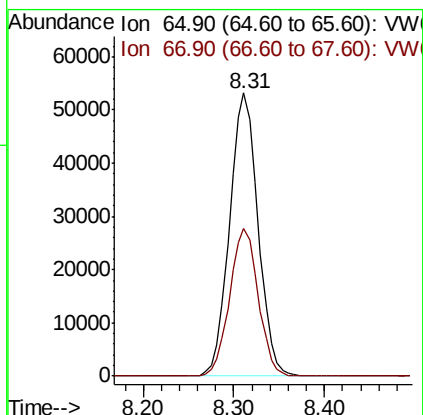
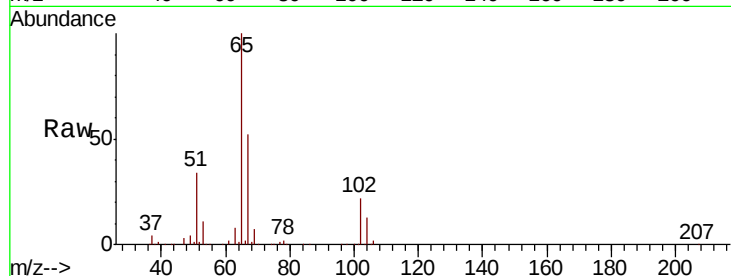
SB-1

Tot Ion: 65 Resp: 116566

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006523.D

Acq: 31 Oct 2018 14:01

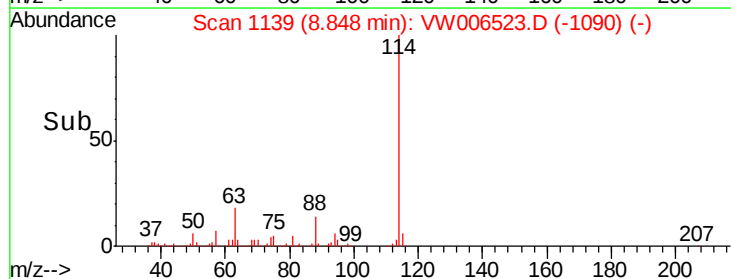
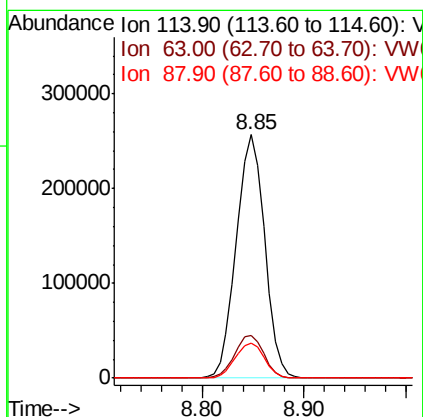
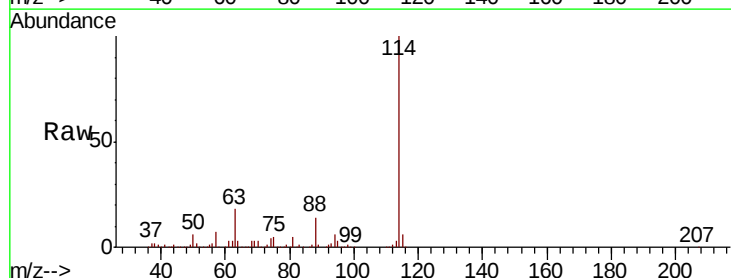
Tgt Ion: 114 Resp: 496989

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 14.5 0.0 29.0

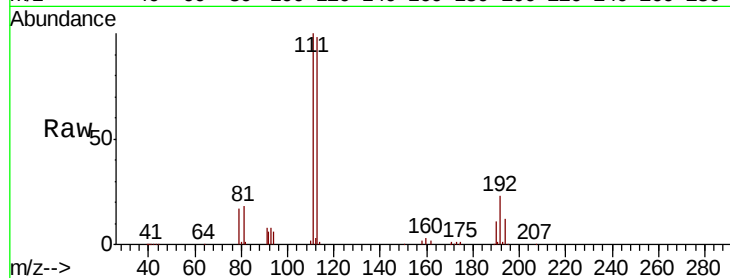




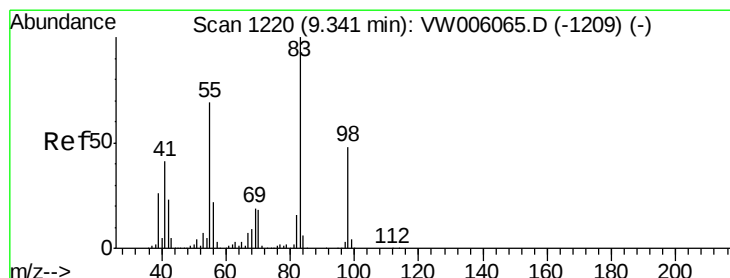
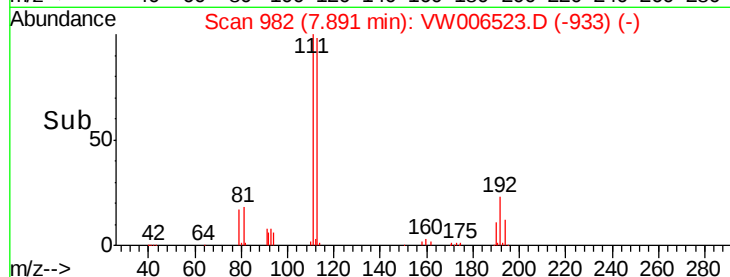
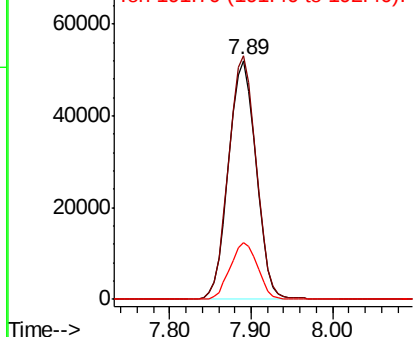
#35
Dibromofluoromethane
Concen: 41.267 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006523.D
Acq: 31 Oct 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
SB-1

Tot Ion:113 Resp: 121188
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 23.6 18.7 28.1

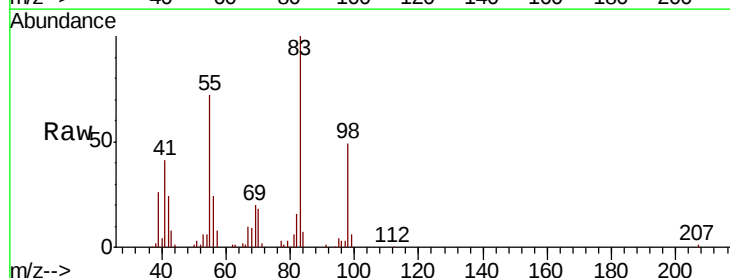


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

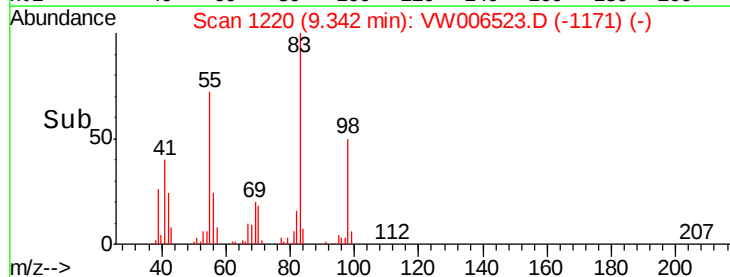
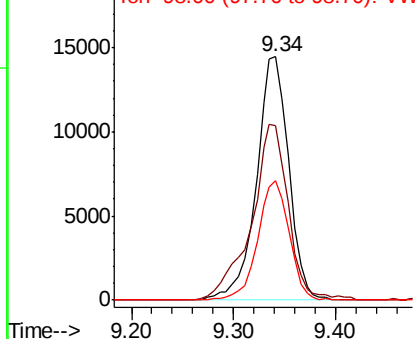


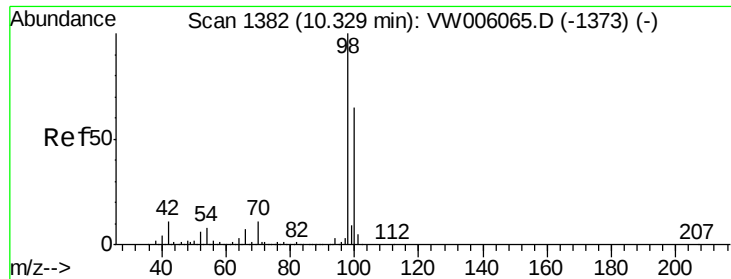
#39
Methylcyclohexane
Concen: 5.237 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006523.D
Acq: 31 Oct 2018 14:01

Tgt Ion: 83 Resp: 31891
Ion Ratio Lower Upper
83 100
55 71.8 55.0 82.6
98 49.2 38.6 57.8



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





#50

Toluene-d8

Concen: 42.055 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006523.D

Acq: 31 Oct 2018 14:01

Instrument :

MSVOA_W

ClientSampleId :

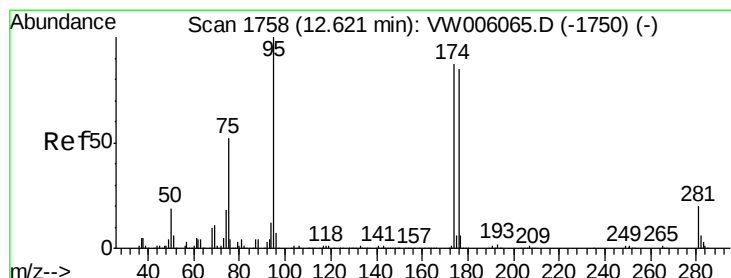
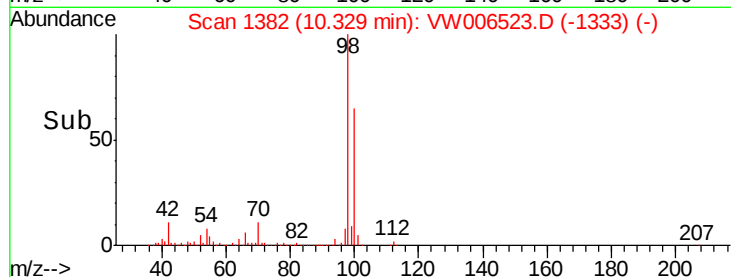
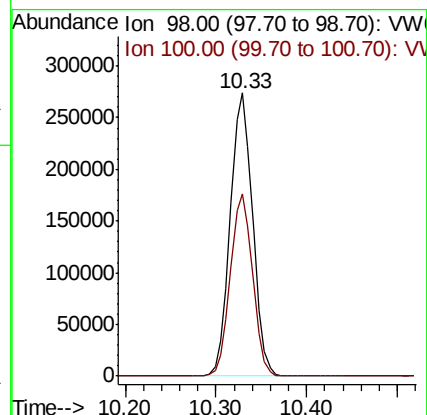
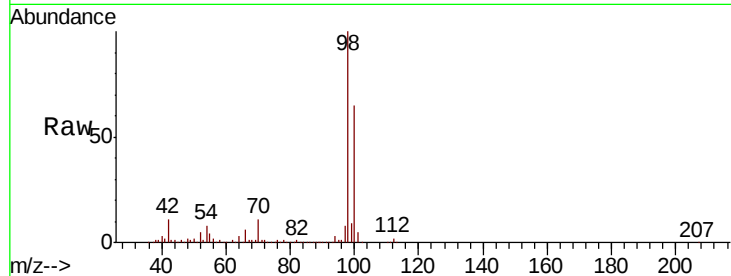
SB-1

Tot Ion: 98 Resp: 469868

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 42.575 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006523.D

Acq: 31 Oct 2018 14:01

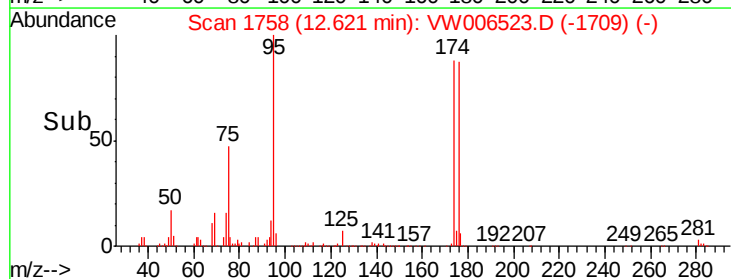
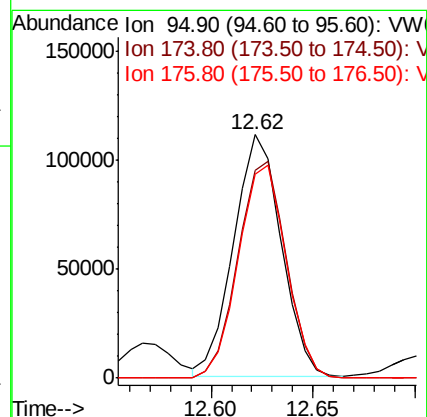
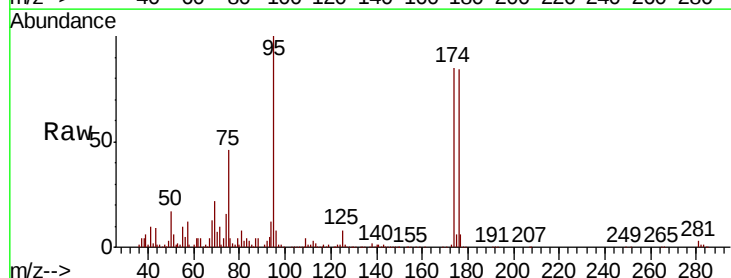
Tgt Ion: 95 Resp: 178656

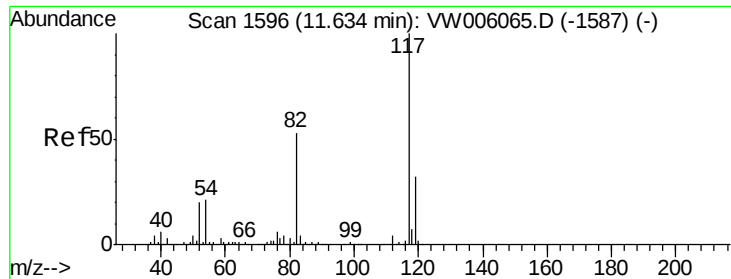
Ion Ratio Lower Upper

95 100

174 91.3 0.0 186.0

176 89.3 0.0 181.6

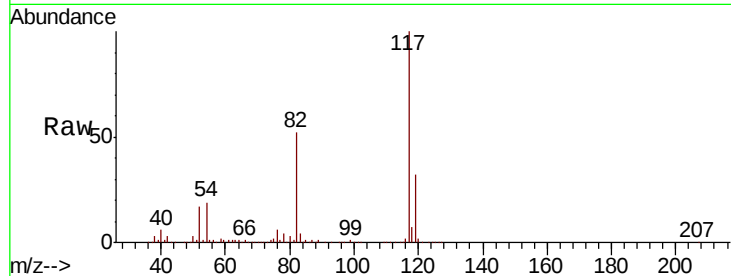




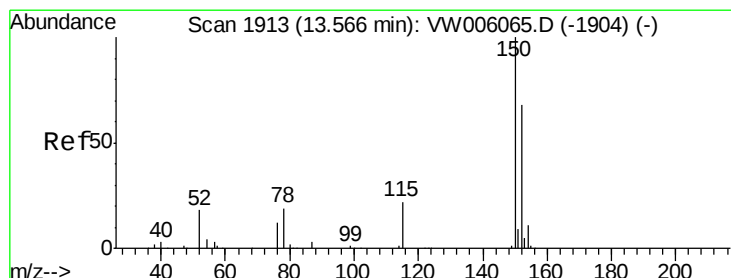
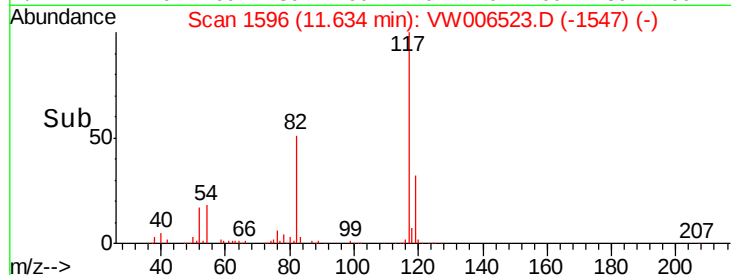
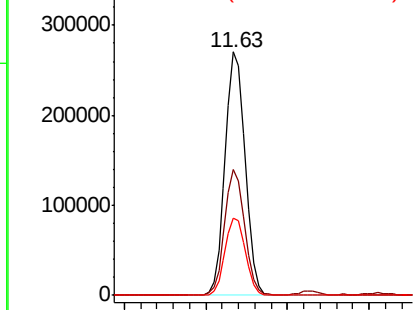
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006523.D
Acq: 31 Oct 2018 14:01

Instrument :
MSVOA_W
ClientSampleId :
SB-1

Tot Ion:117 Resp: 457506
Ion Ratio Lower Upper
117 100
82 51.2 42.1 63.1
119 31.7 25.8 38.6

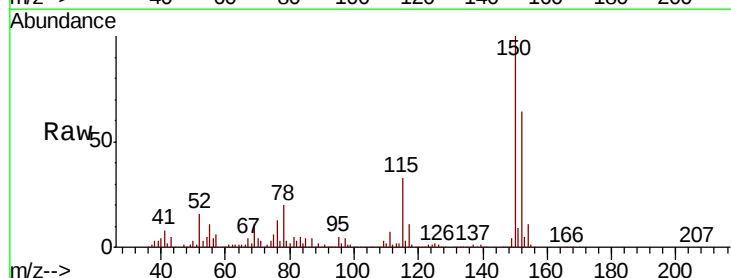


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

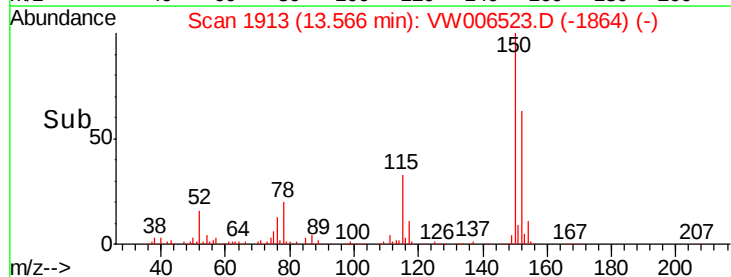
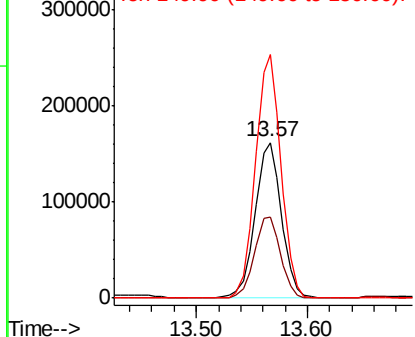


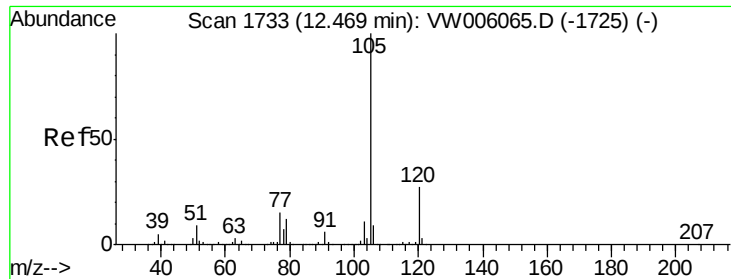
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006523.D
Acq: 31 Oct 2018 14:01

Tgt Ion:152 Resp: 266862
Ion Ratio Lower Upper
152 100
115 51.6 27.8 83.3
150 150.7 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





#73

Isopropylbenzene

Concen: 1.874 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006523.D

Acq: 31 Oct 2018 14:01

Instrument :

MSVOA_W

ClientSampled :

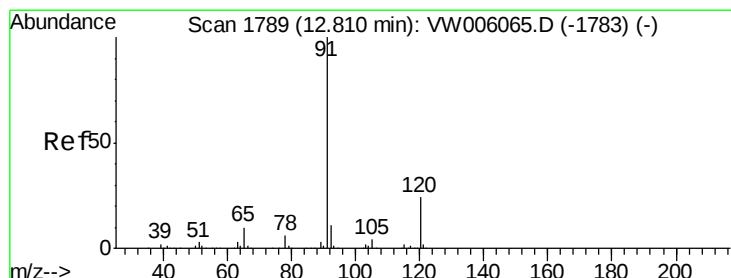
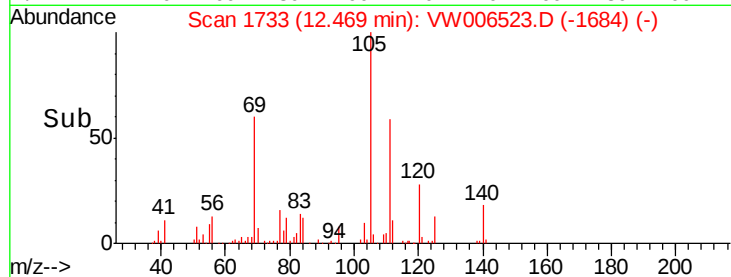
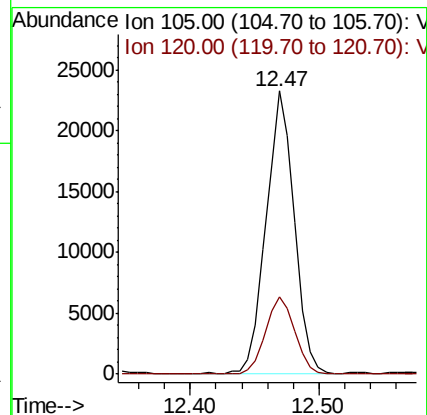
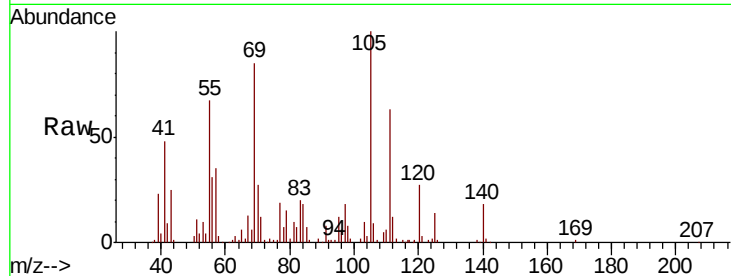
SB-1

Tot Ion:105 Resp: 35330

Ion Ratio Lower Upper

105 100

120 28.4 13.6 40.7



#78

n-propylbenzene

Concen: 6.746 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006523.D

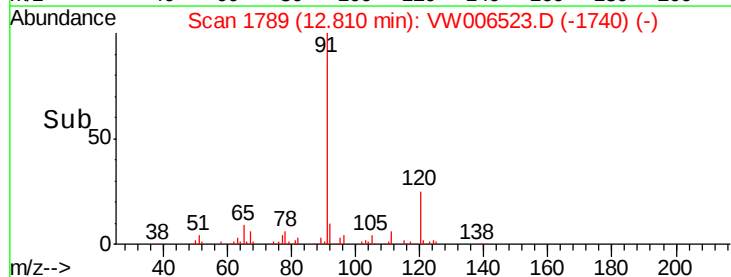
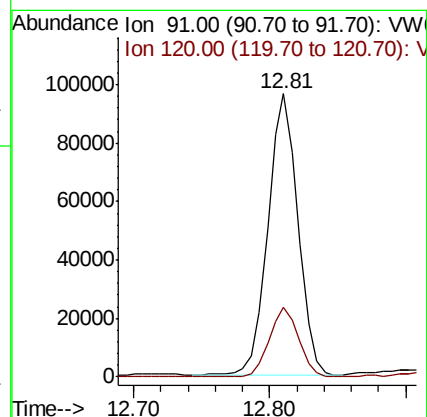
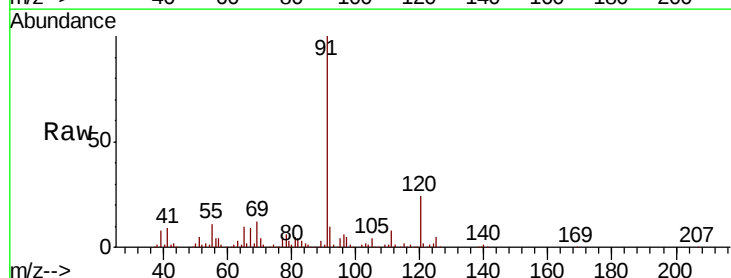
Acq: 31 Oct 2018 14:01

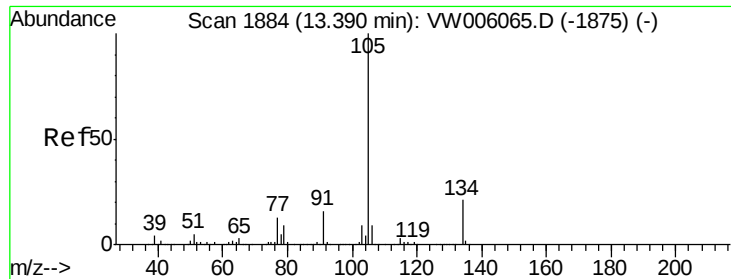
Tgt Ion: 91 Resp: 147957

Ion Ratio Lower Upper

91 100

120 24.2 12.2 36.6





#85
 sec-Butylbenzene
 Concen: 5.276 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006523.D
 Acq: 31 Oct 2018 14:01

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1

Tot Ion:105 Resp: 105985
 Ion Ratio Lower Upper
 105 100
 134 38.6 10.5 31.6#

