

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
 Data File : VW002808.D
 Acq On : 23 May 2018 02:21
 Operator : JC/SY
 Sample : J3042-08MSD
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:57:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	280604	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	250535	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	100054	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	86146	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.72%
7) Chloroethane-d5	2.89	69	72096	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.60%
10) 1,1-Dichloroethene-d2	4.00	63	151716	24.06	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.24%
20) 2-Butanone-d5	7.09	46	50978	34.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.46%
24) Chloroform-d	7.65	84	166903	24.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.24%
26) 1,2-Dichloroethane-d4	8.31	65	99249	24.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.72%
29) Benzene-d6	8.28	84	317633	26.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.64%
33) 1,2-Dichloropropane-d6	9.28	67	104142	27.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.20%
37) Toluene-d8	10.33	98	297423	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.16%
38) trans-1,3-Dichloropropene-	10.59	79	41865	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.92%
39) 2-Hexanone-d5	10.93	63	39258	35.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.86%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	82071	19.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.80%
61) 1,2-Dichlorobenzene-d4	13.87	152	95757	26.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.16%

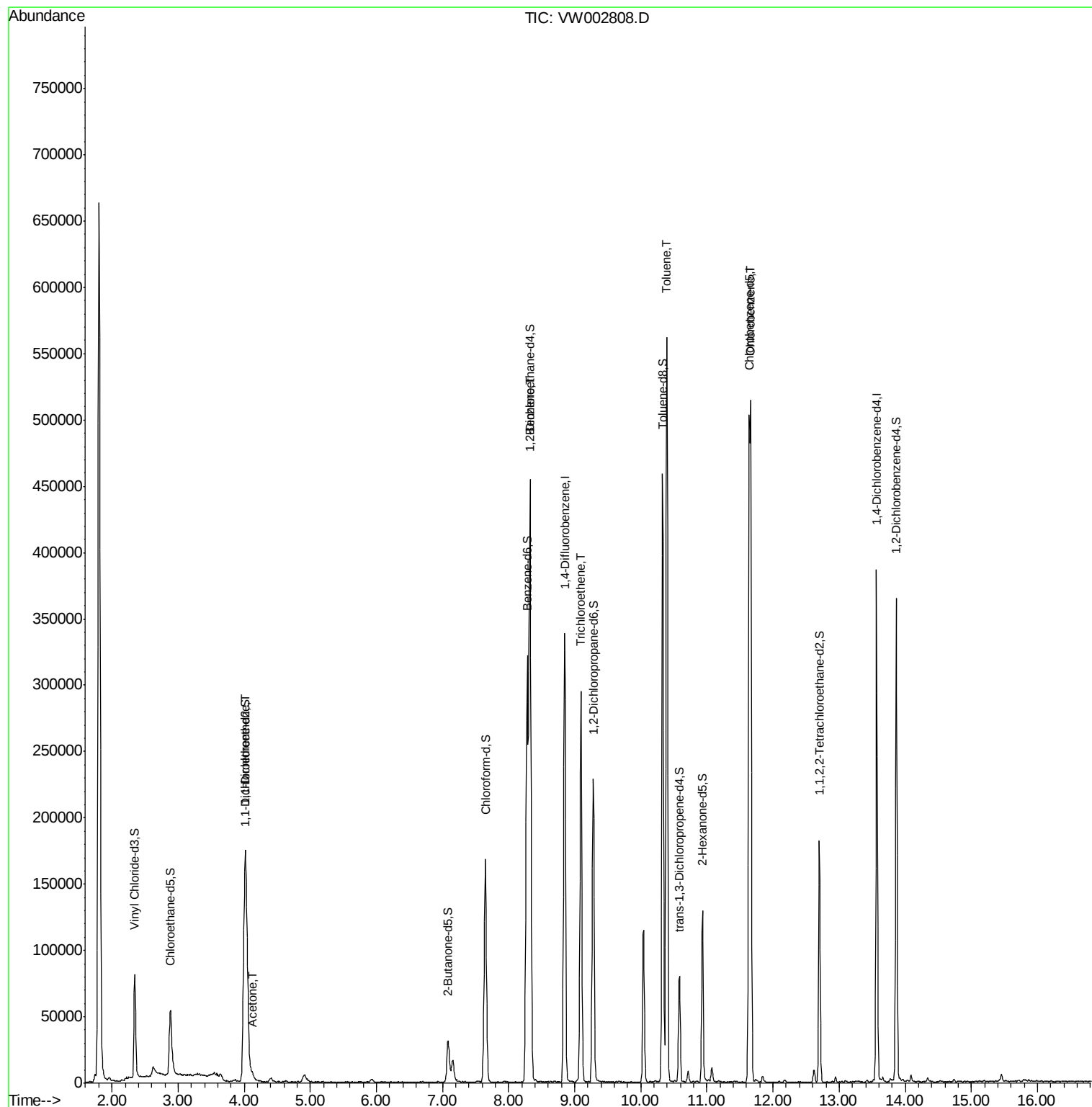
Target Compounds

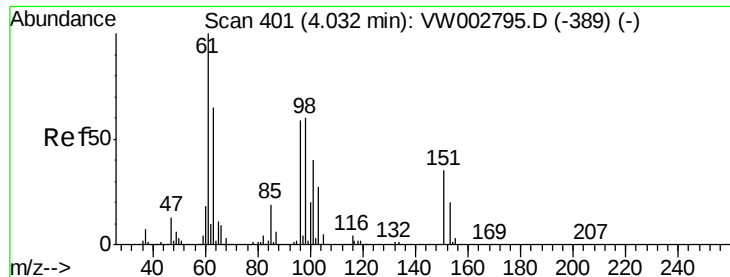
						Ovalue
12) 1,1-Dichloroethene	4.03	96	80032	23.79	ug/L	97
13) Acetone	4.12	43	6042	4.65	ug/L	84
34) Benzene	8.32	78	375525	27.63	ug/L	100
35) Trichloroethene	9.09	95	98373	26.48	ug/L	97
44) Toluene	10.40	91	407847	27.52	ug/L	98
52) Chlorobenzene	11.66	112	250718	25.52	ug/L	99

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

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#12

1,1-Dichloroethene

Concen: 23.79 ug/L

RT: 4.03 min Scan# 400

Delta R.T. -0.01 min

Lab File: VW002808.D

Acq: 23 May 2018 02:21

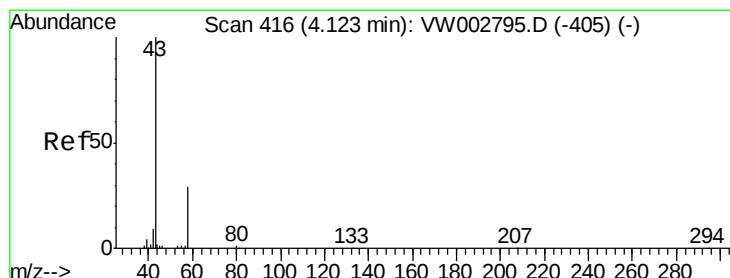
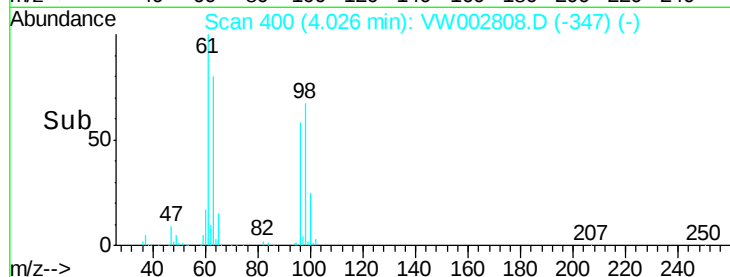
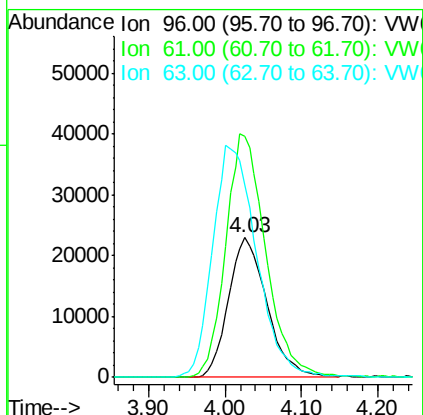
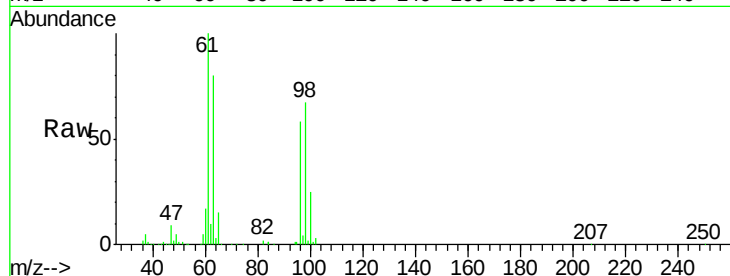
Tot Ion: 96 Resp: 80032

Ion Ratio Lower Upper

96 100

61 173.0 118.9 220.9

63 137.8 100.4 186.4



#13

Acetone

Concen: 4.65 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW002808.D

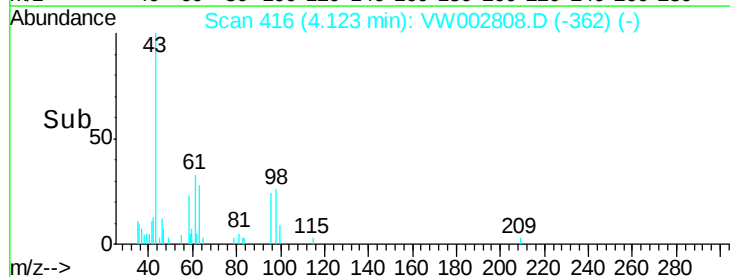
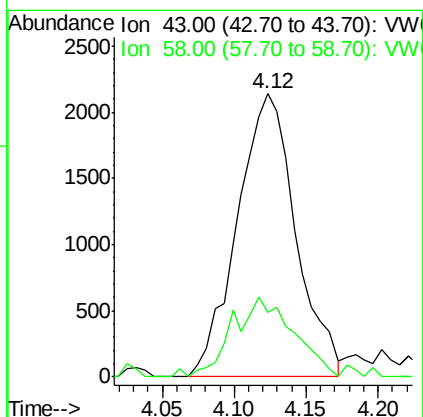
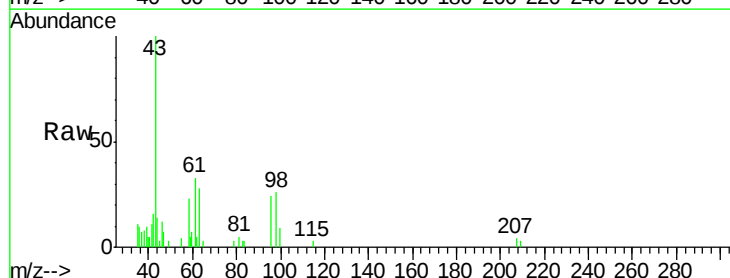
Acq: 23 May 2018 02:21

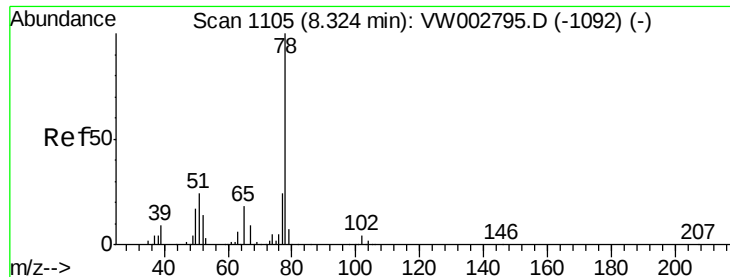
Tgt Ion: 43 Resp: 6042

Ion Ratio Lower Upper

43 100

58 21.1 0.0 59.8





#34

Benzene

Concen: 27.63 ug/L

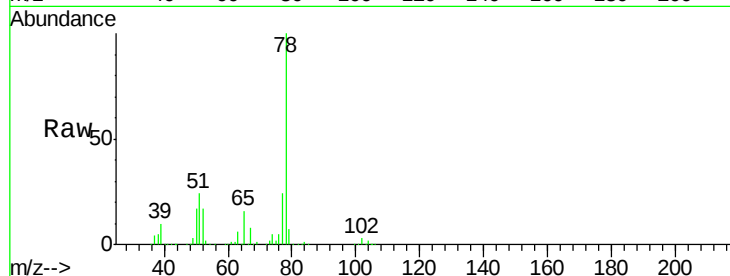
RT: 8.32 min Scan# 1105

Delta R.T. 0.00 min

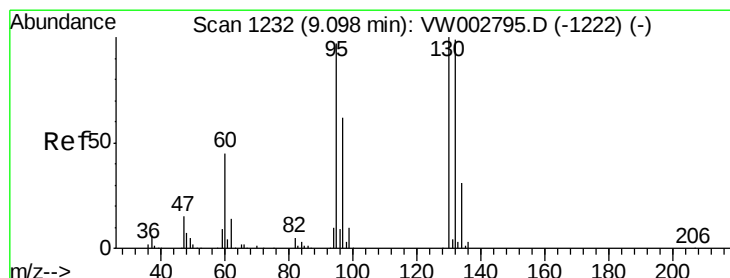
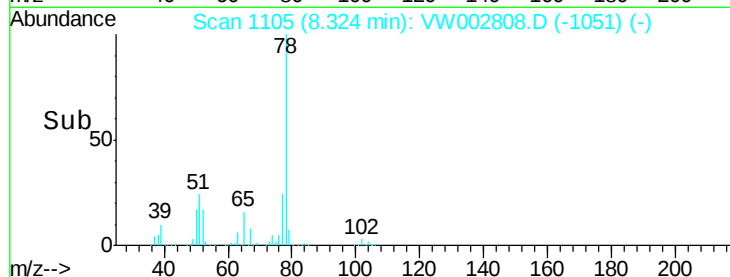
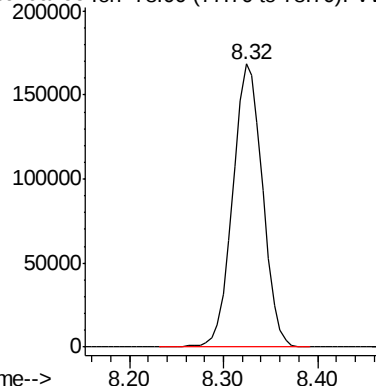
Lab File: VW002808.D

Acq: 23 May 2018 02:21

Tgt Ion: 78 Resp: 375525



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 26.48 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW002808.D

Acq: 23 May 2018 02:21

Tgt Ion: 95 Resp: 98373

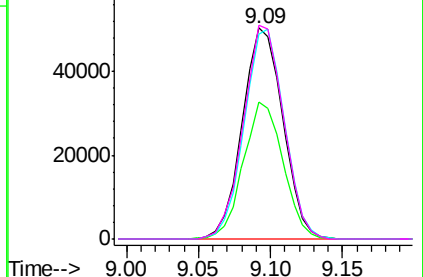
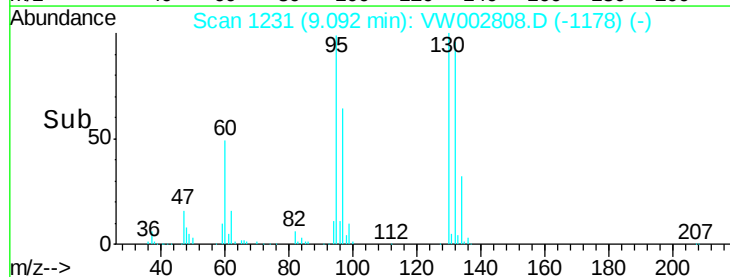
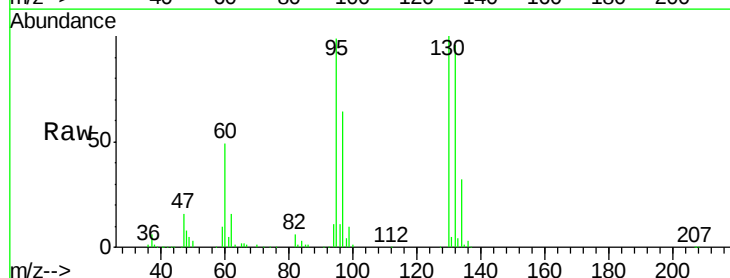
Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.3	84.1
132	98.2	71.4	132.6
130	100.4	72.5	134.7

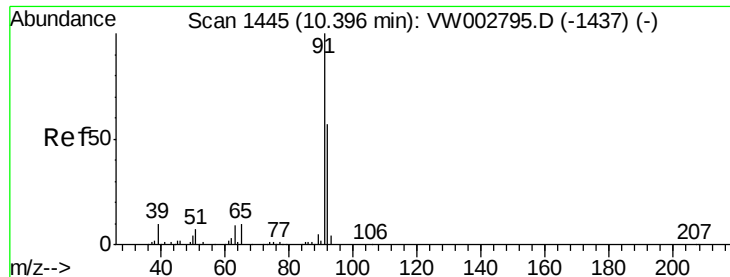
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 27.52 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW002808.D

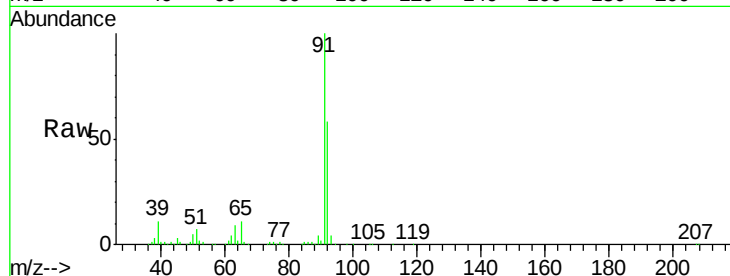
Acq: 23 May 2018 02:21

Tot Ion: 91 Resp: 407847

Ion Ratio Lower Upper

91 100

92 58.1 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.40

250000

200000

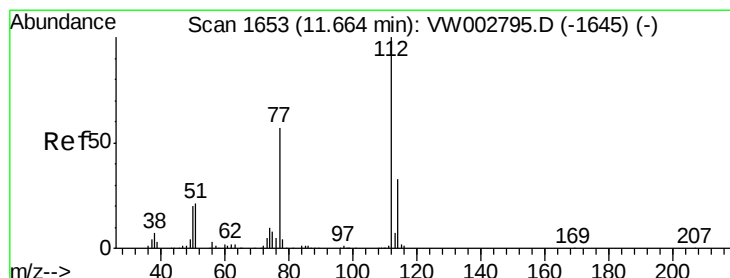
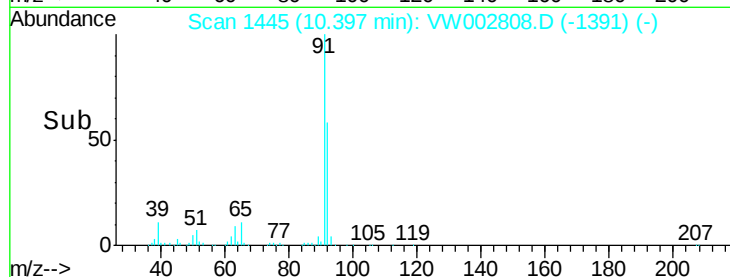
150000

100000

50000

0

Time--> 10.30 10.40 10.50



#52

Chlorobenzene

Concen: 25.52 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW002808.D

Acq: 23 May 2018 02:21

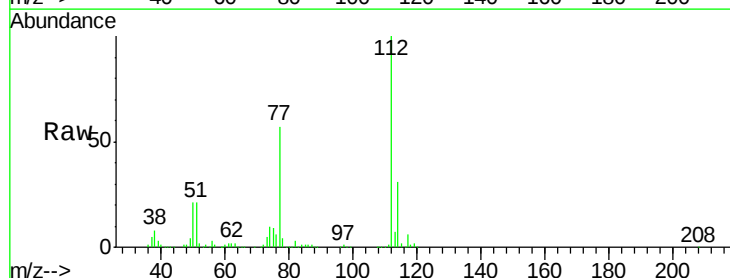
Tgt Ion: 112 Resp: 250718

Ion Ratio Lower Upper

112 100

77 56.8 44.7 67.1

114 31.4 21.8 40.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

200000

150000

100000

50000

0

Time--> 11.60 11.65 11.70

