

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
 Data File : VW002807.D
 Acq On : 23 May 2018 01:54
 Operator : JC/SY
 Sample : J3042-07MS
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:57:01 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	277401	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	249101	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	102754	25.00	ug/L	0.00

System Monitoring Compounds

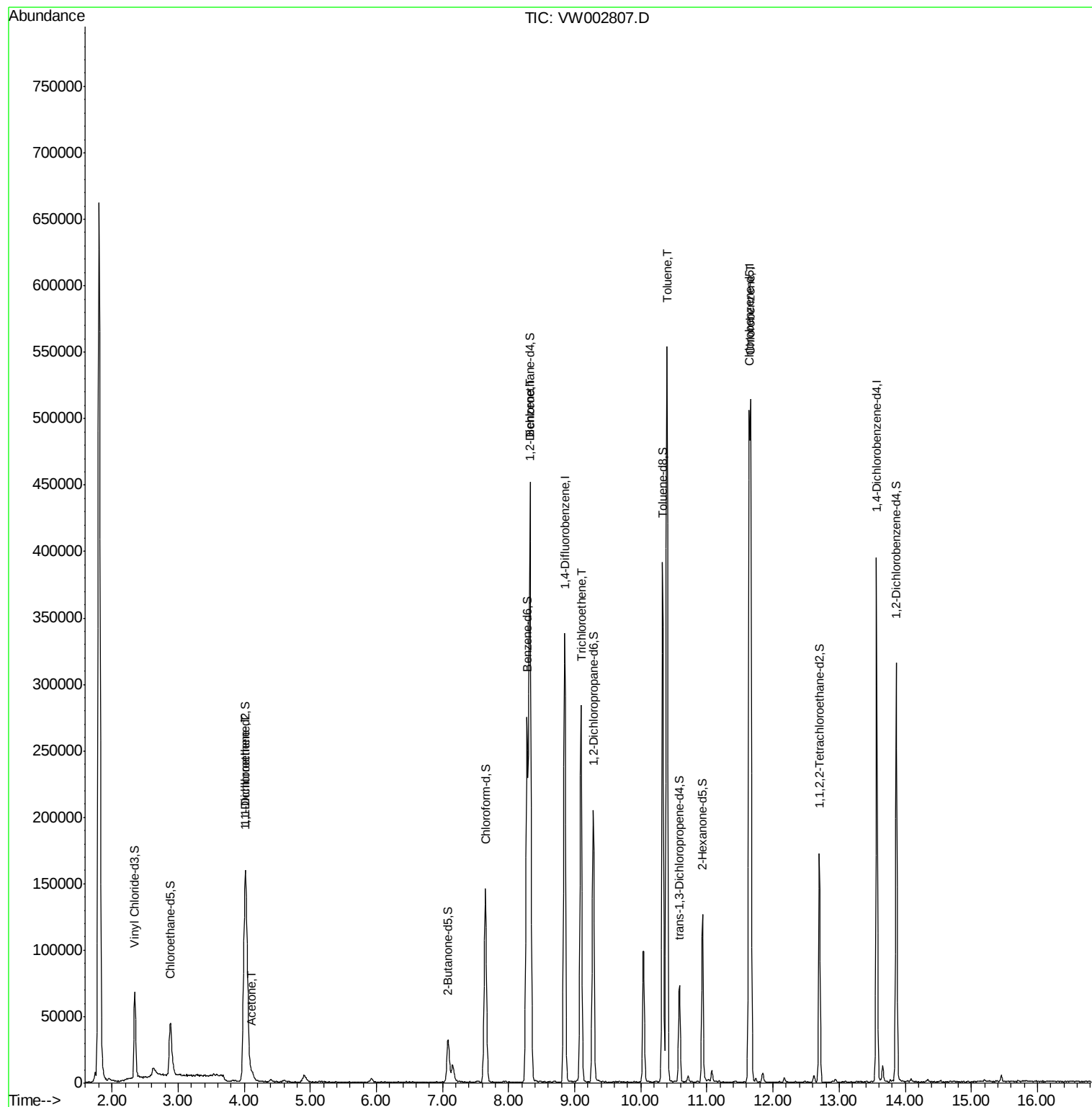
4) Vinyl Chloride-d3	2.34	65	72805	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.84%
7) Chloroethane-d5	2.89	69	60766	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
10) 1,1-Dichloroethene-d2	4.01	63	133990	21.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.00%
20) 2-Butanone-d5	7.08	46	52732	36.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.68%
24) Chloroform-d	7.65	84	144403	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	8.31	65	88482	22.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.12%
29) Benzene-d6	8.27	84	270684	22.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.40%
33) 1,2-Dichloropropane-d6	9.28	67	90433	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.33	98	248662	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.08%
38) trans-1,3-Dichloropropene-	10.59	79	37452	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.80%
39) 2-Hexanone-d5	10.93	63	38559	35.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.98%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	78838	18.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.16%
61) 1,2-Dichlorobenzene-d4	13.87	152	85285	22.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.32%

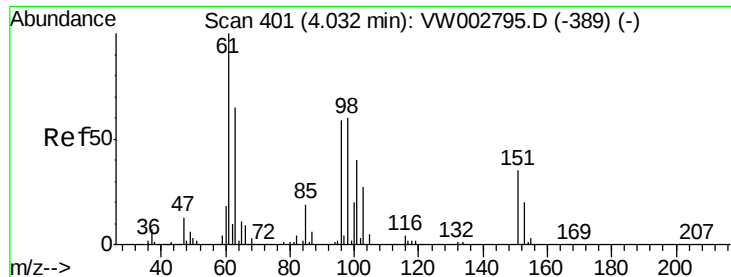
Target Compounds						Ovalue
12) 1,1-Dichloroethene	4.03	96	79356	23.86	ug/L	93
13) Acetone	4.12	43	6482	5.05	ug/L	89
34) Benzene	8.32	78	378510	28.01	ug/L	100
35) Trichloroethene	9.09	95	94472	25.57	ug/L	99
44) Toluene	10.40	91	403108	27.36	ug/L	99
52) Chlorobenzene	11.66	112	251094	25.71	ug/L	98

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

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#12

1,1-Dichloroethene

Concen: 23.86 ug/L

RT: 4.03 min Scan# 400

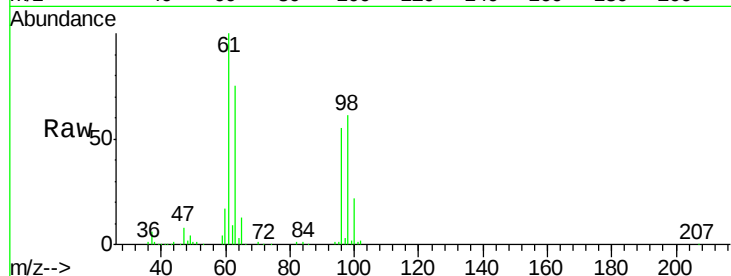
Delta R.T. -0.01 min

Lab File: VW002807.D

Acq: 23 May 2018 01:54

Tot Ion: 96 Resp: 79356

Ion	Ratio	Lower	Upper
96	100		
61	181.0	118.9	220.9
63	136.2	100.4	186.4

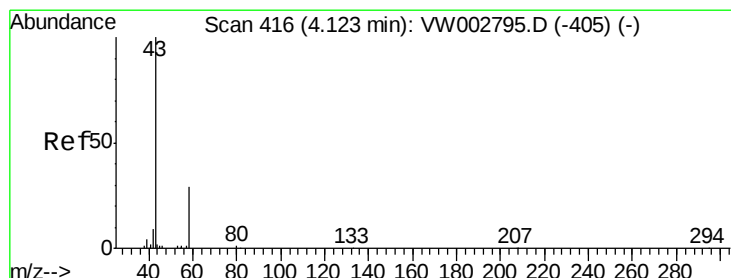
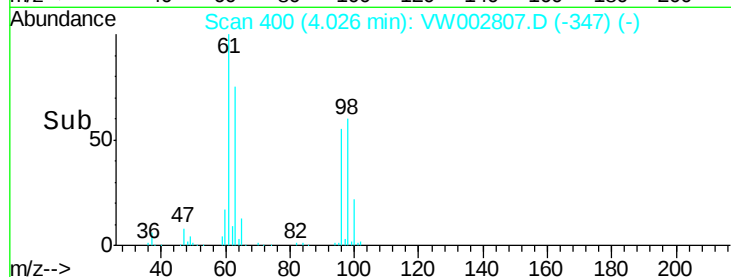
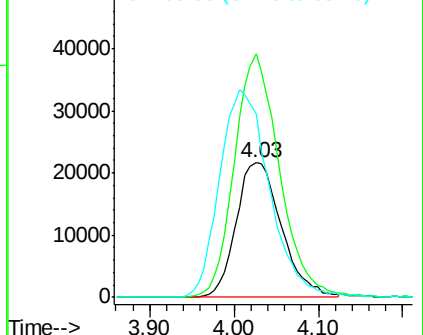


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 5.05 ug/L

RT: 4.12 min Scan# 415

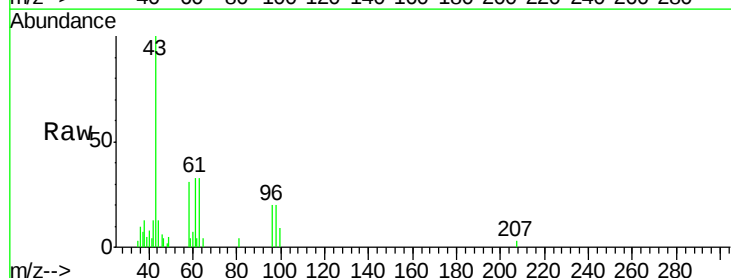
Delta R.T. -0.01 min

Lab File: VW002807.D

Acq: 23 May 2018 01:54

Tgt Ion: 43 Resp: 6482

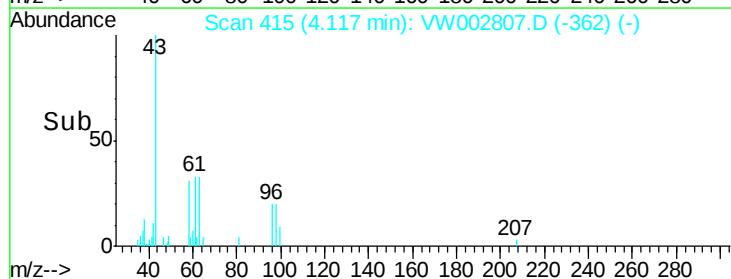
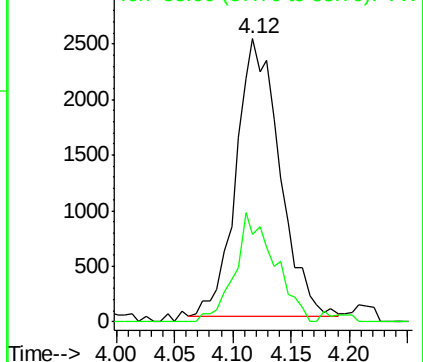
Ion	Ratio	Lower	Upper
43	100		
58	35.9	0.0	59.8

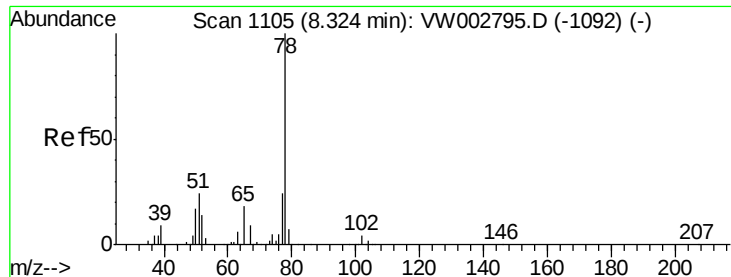


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#34

Benzene

Concen: 28.01 ug/L

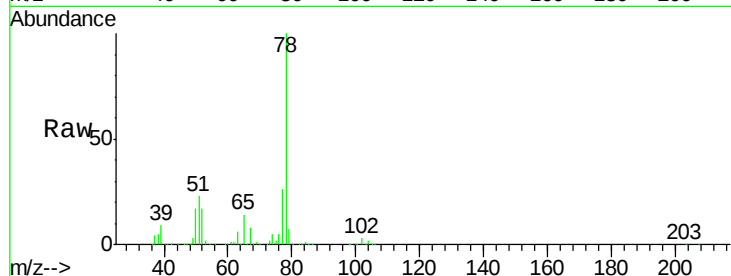
RT: 8.32 min Scan# 1105

Delta R.T. 0.00 min

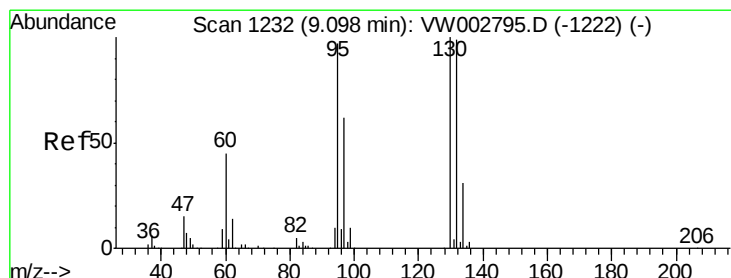
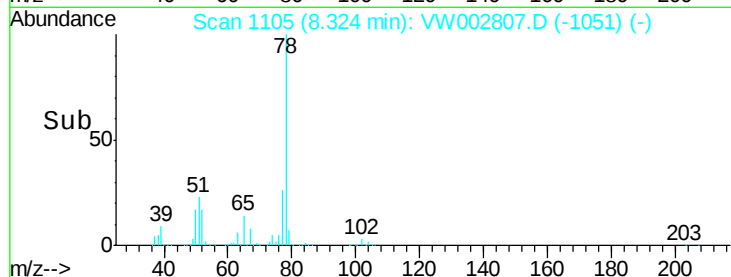
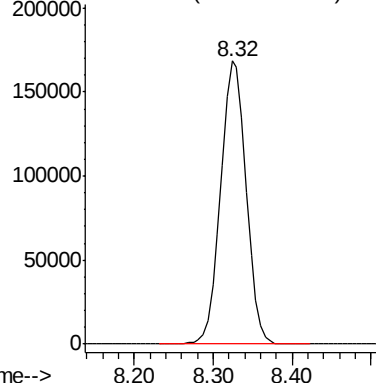
Lab File: VW002807.D

Acq: 23 May 2018 01:54

Tgt Ion: 78 Resp: 378510



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 25.57 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW002807.D

Acq: 23 May 2018 01:54

Tgt Ion: 95 Resp: 94472

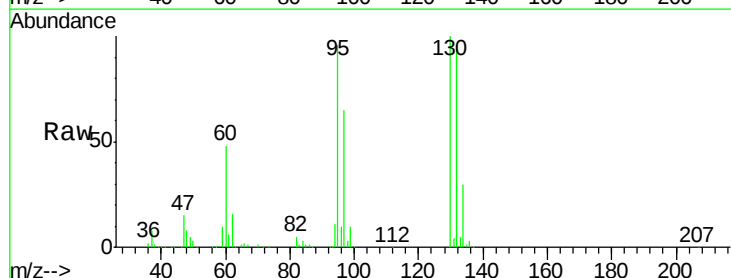
Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.3	84.1
132	102.1	71.4	132.6
130	105.5	72.5	134.7

95 100

97 66.5 45.3 84.1

132 102.1 71.4 132.6

130 105.5 72.5 134.7

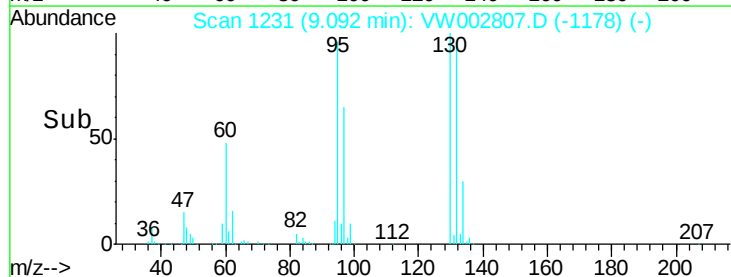
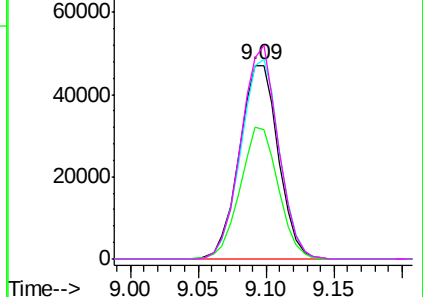


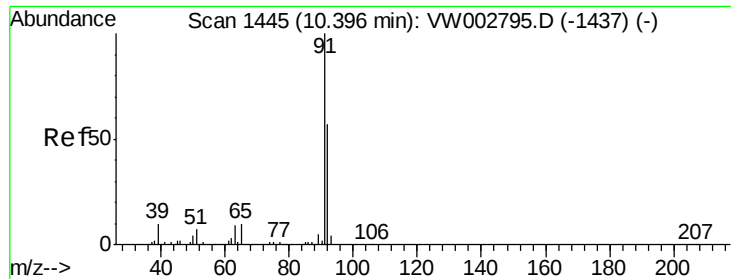
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 27.36 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW002807.D

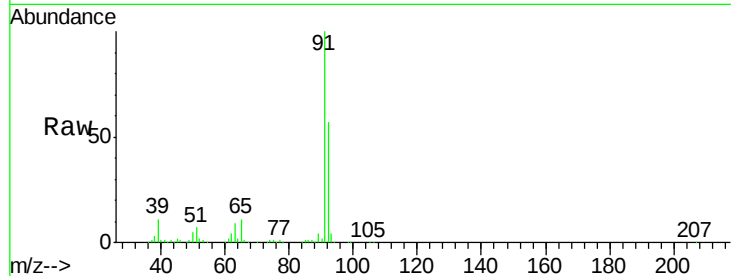
Acq: 23 May 2018 01:54

Tot Ion: 91 Resp: 403108

Ion Ratio Lower Upper

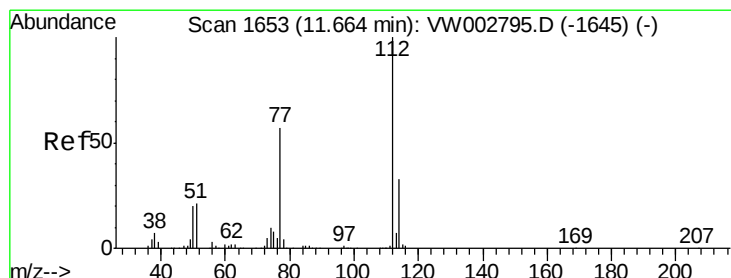
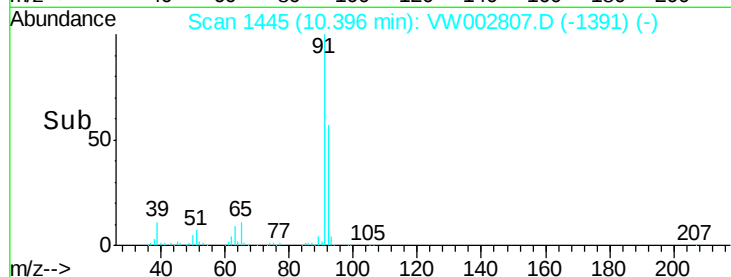
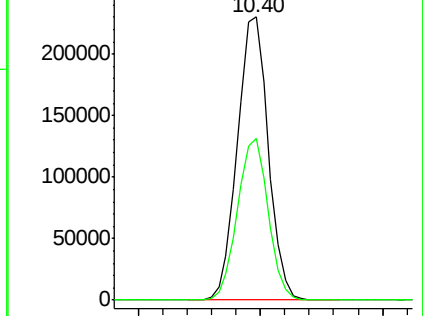
91 100

92 57.0 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#52

Chlorobenzene

Concen: 25.71 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW002807.D

Acq: 23 May 2018 01:54

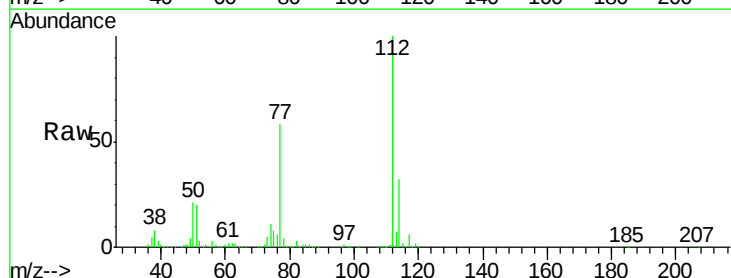
Tgt Ion: 112 Resp: 251094

Ion Ratio Lower Upper

112 100

77 57.7 44.7 67.1

114 32.5 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

