

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102818\
 Data File : VW006418.D
 Acq On : 26 Oct 2018 20:39
 Operator : SY/AP
 Sample : J5635-29MSD
 Misc : 5.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40H7MSD

Quant Time: Oct 27 01:56:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	368965	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336493	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	162477	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	77436	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
7) Chloroethane-d5	2.90	69	83104	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
10) 1,1-Dichloroethene-d2	4.02	63	175567	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.88%
20) 2-Butanone-d5	7.09	46	45047	32.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.32%
24) Chloroform-d	7.65	84	201095	25.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.64%
26) 1,2-Dichloroethane-d4	8.31	65	112683	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.92%
29) Benzene-d6	8.28	84	392019	25.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.64%
33) 1,2-Dichloropropane-d6	9.28	67	119414	25.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.60%
37) Toluene-d8	10.33	98	379392	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.32%
38) trans-1,3-Dichloropropene-	10.58	79	43292	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.28%
39) 2-Hexanone-d5	10.93	63	36594	32.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103234	23.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	146349	26.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.12%

Target Compounds

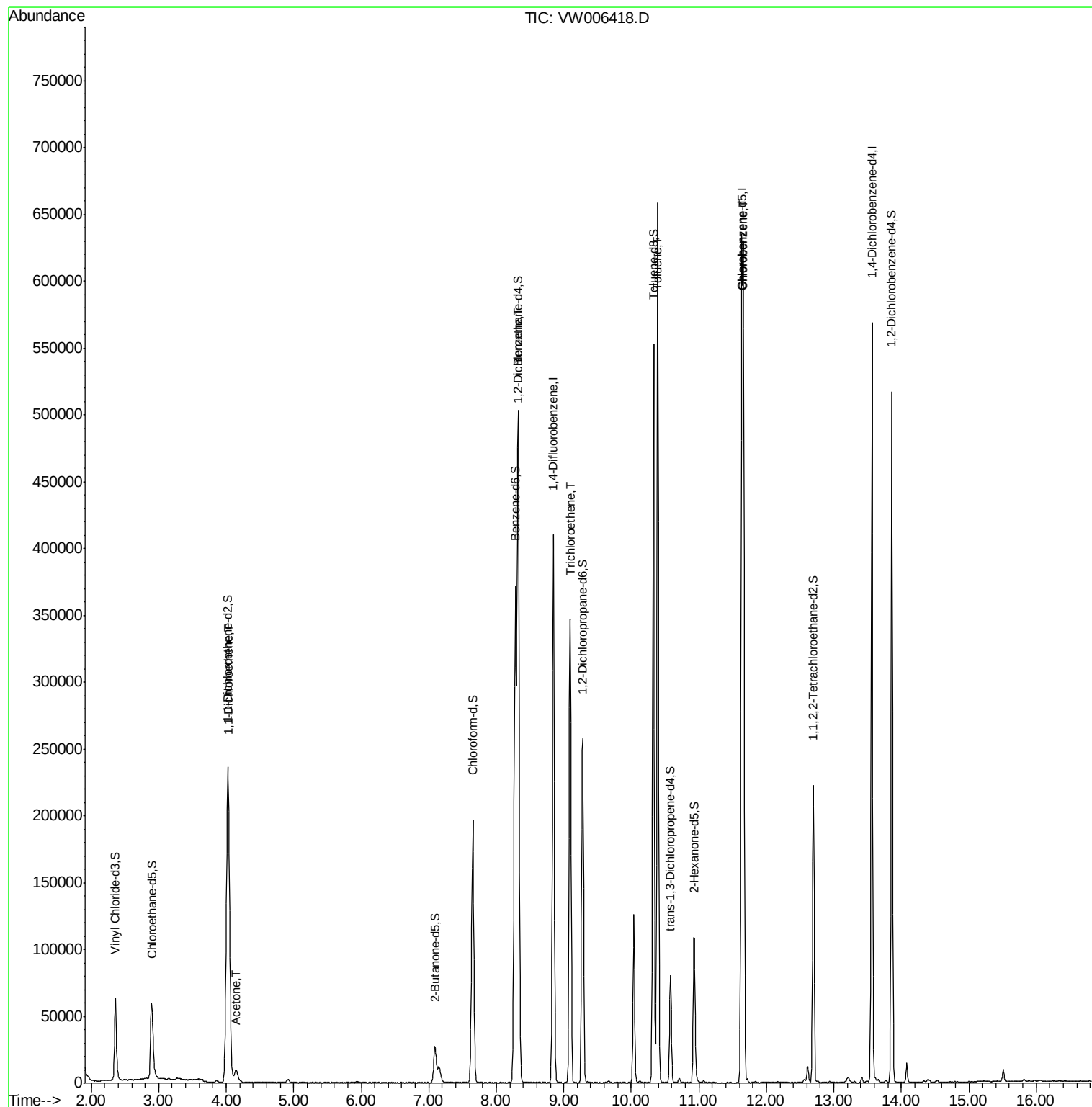
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	99520	23.493	ug/L	# 78
13) Acetone	4.15	43	15844	11.371	ug/L	97
34) Benzene	8.33	78	435323	25.201	ug/L	100
35) Trichloroethene	9.10	95	119308	24.548	ug/L	99
44) Toluene	10.39	91	491200	25.325	ug/L	99
52) Chlorobenzene	11.66	112	325893	24.828	ug/L	98

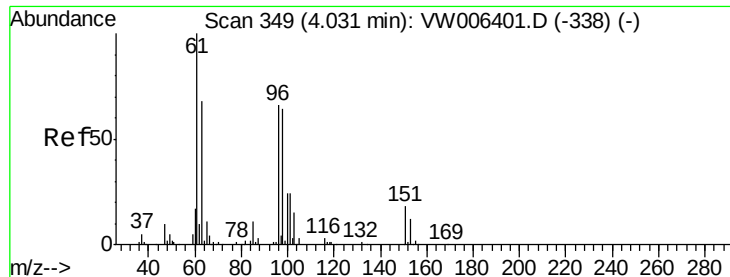
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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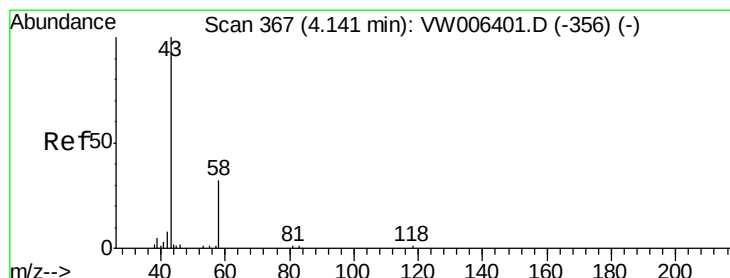
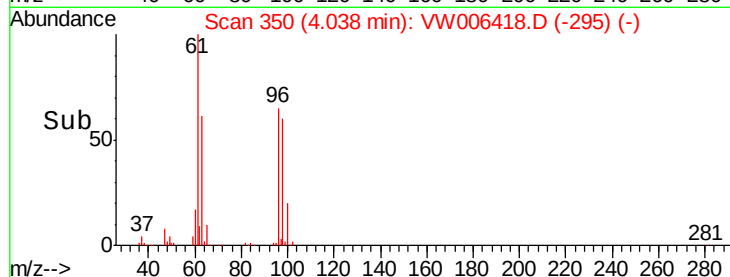
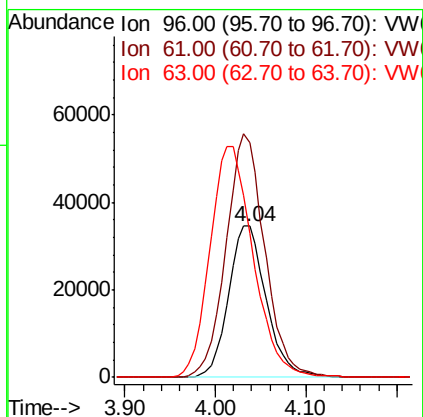
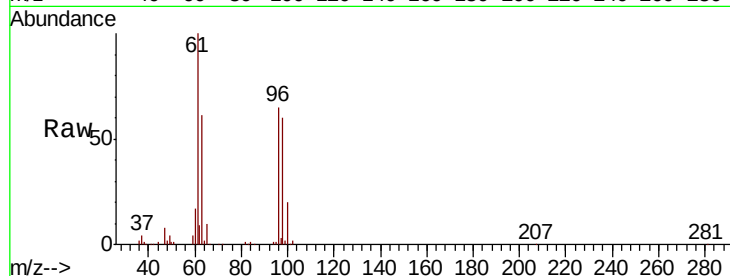




#12
 1,1-Dichloroethene
 Concen: 23.493 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW006418.D
 Acq: 26 Oct 2018 20:39

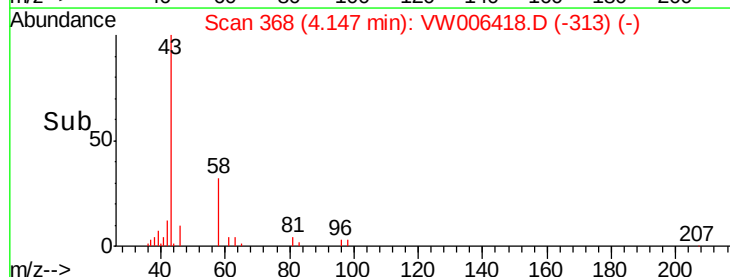
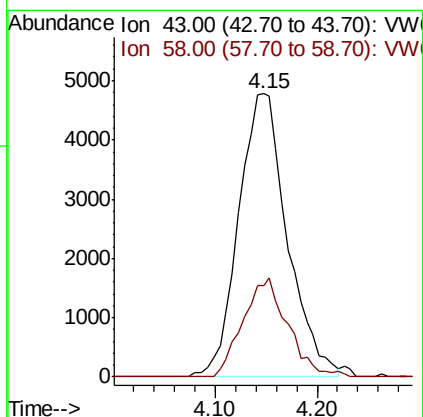
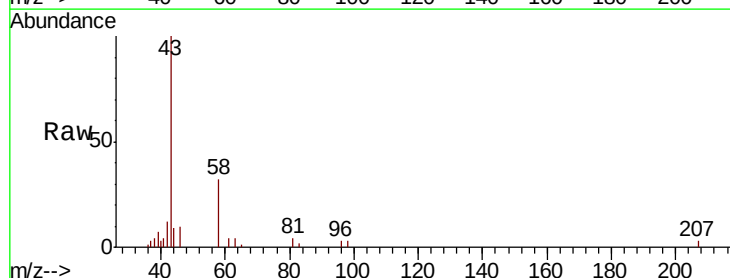
Instrument :
 MSVOA_W
 ClientSampleId :
 A40H7MSD

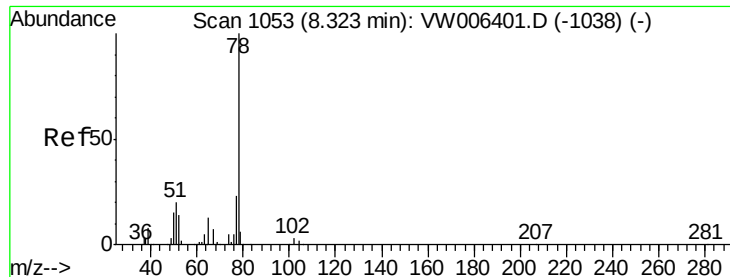
Tot Ion: 96 Resp: 99520
 Ion Ratio Lower Upper
 96 100
 61 155.0 112.3 208.7
 63 94.8 102.6 190.6#



#13
 Acetone
 Concen: 11.371 ug/L
 RT: 4.15 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VW006418.D
 Acq: 26 Oct 2018 20:39

Tgt Ion: 43 Resp: 15844
 Ion Ratio Lower Upper
 43 100
 58 32.2 0.0 61.2





#34

Benzene

Concen: 25.201 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW006418.D

Acq: 26 Oct 2018 20:39

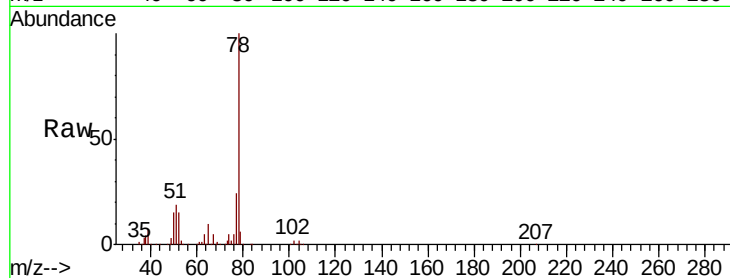
Instrument :

MSVOA_W

ClientSampleId :

A40H7MSD

Tgt Ion: 78 Resp: 435323



Abundance Ion 78.00 (77.70 to 78.70): VW

8.33

200000

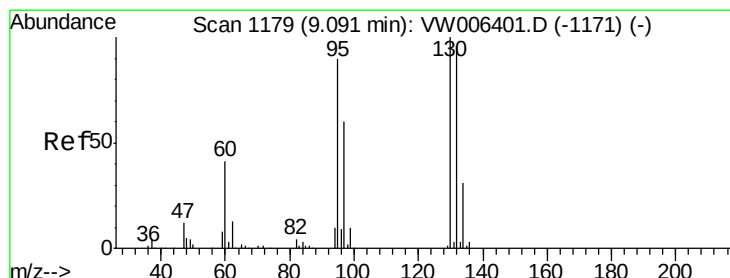
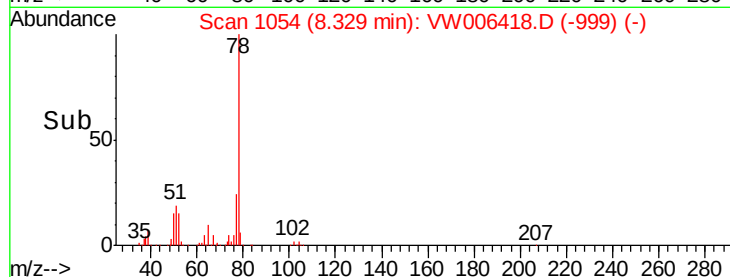
150000

100000

50000

0

Time-->



#35

Trichloroethene

Concen: 24.548 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW006418.D

Acq: 26 Oct 2018 20:39

Tgt Ion: 95 Resp: 119308

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.8	85.0
132	105.7	72.9	135.3
130	108.6	75.8	140.8

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

9.10

100000

80000

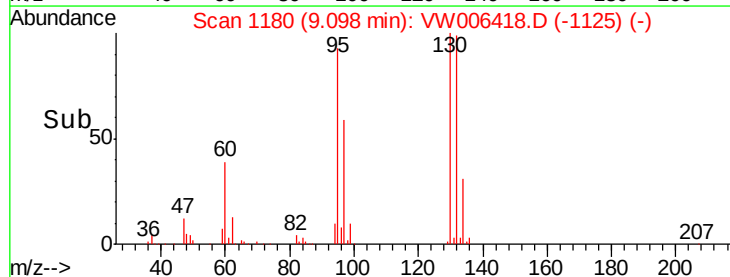
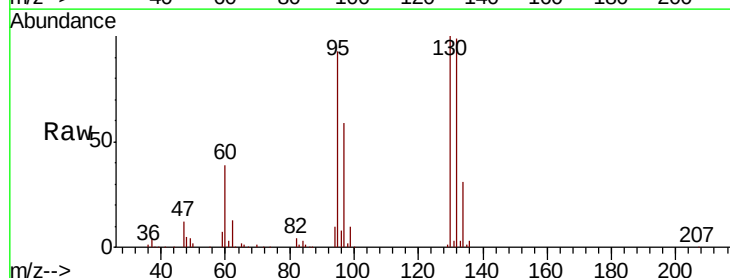
60000

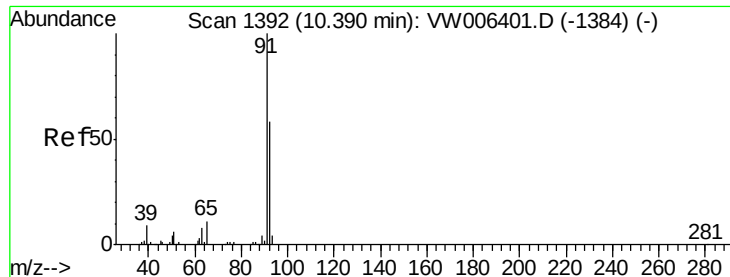
40000

20000

0

Time-->





#44

Toluene

Concen: 25.325 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006418.D

Acq: 26 Oct 2018 20:39

Instrument :

MSVOA_W

ClientSampleId :

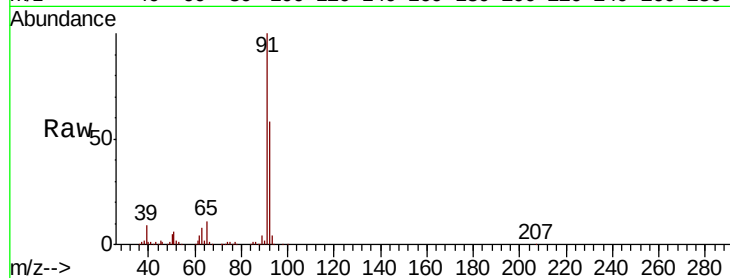
A40H7MSD

Tot Ion: 91 Resp: 491200

Ion Ratio Lower Upper

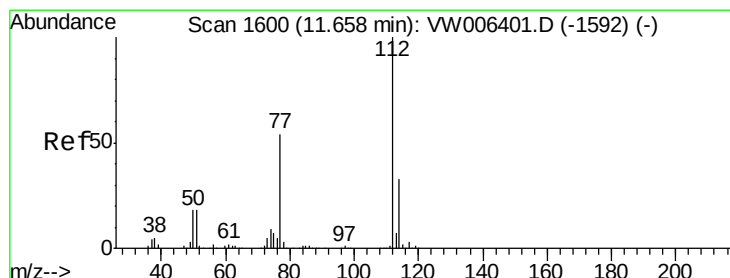
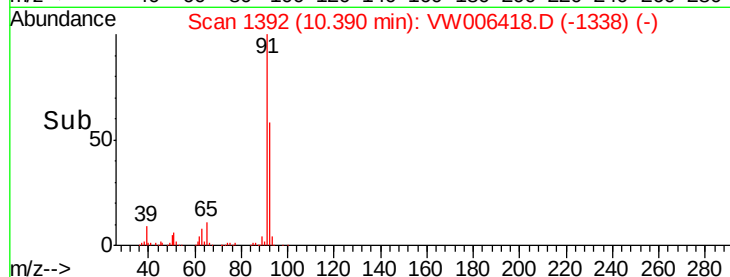
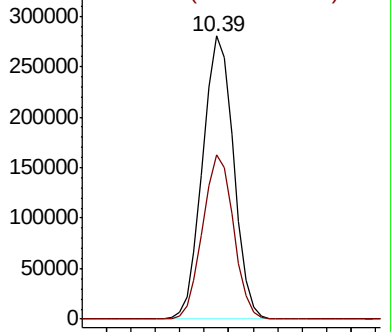
91 100

92 58.3 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#52

Chlorobenzene

Concen: 24.828 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW006418.D

Acq: 26 Oct 2018 20:39

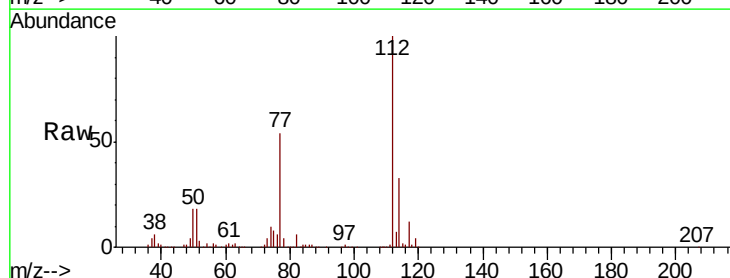
Tgt Ion: 112 Resp: 325893

Ion Ratio Lower Upper

112 100

77 54.0 44.2 66.2

114 32.5 22.1 41.1



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

