

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
 Data File : VW006369.D
 Acq On : 25 Oct 2018 17:58
 Operator : SY/AP
 Sample : J5657-17MS
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40F1MS

Quant Time: Oct 26 05:06:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 04:05:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	386559	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	361211	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	192228	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	78882	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.36%
7) Chloroethane-d5	2.90	69	81986	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.40%
10) 1,1-Dichloroethene-d2	4.02	63	177612	21.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.88%
20) 2-Butanone-d5	7.09	46	61833	42.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.58%
24) Chloroform-d	7.65	84	201305	24.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	8.31	65	117630	25.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.56%
29) Benzene-d6	8.27	84	392500	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	9.28	67	117647	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.08%
37) Toluene-d8	10.33	98	384808	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.84%
38) trans-1,3-Dichloropropene-	10.58	79	49136	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.72%
39) 2-Hexanone-d5	10.93	63	52986	44.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117109	24.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	167813	25.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.88%

Target Compounds

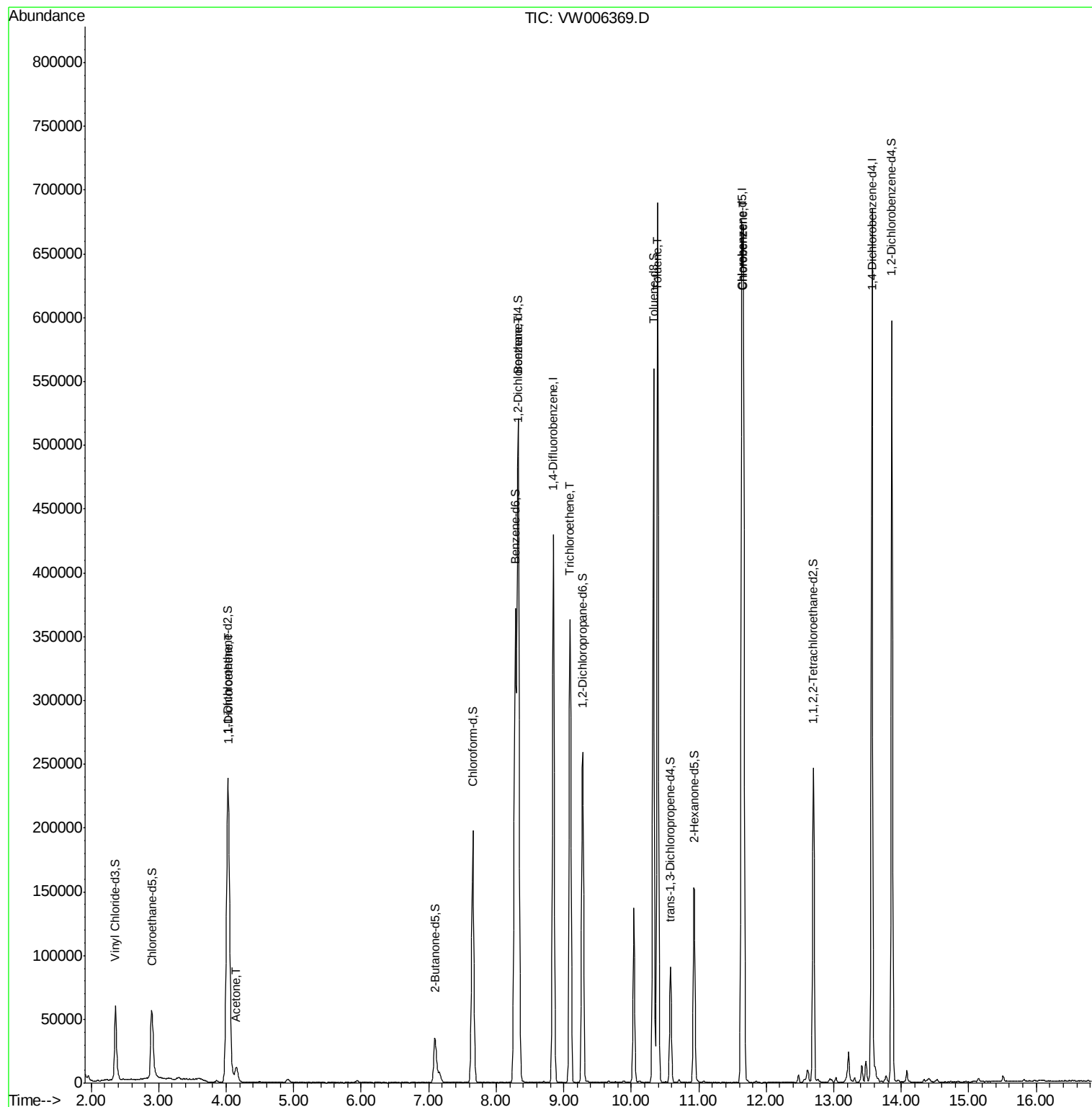
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	103546	23.331	ug/L	# 82
13) Acetone	4.15	43	21268	14.569	ug/L	75
34) Benzene	8.33	78	449205	24.225	ug/L	100
35) Trichloroethene	9.09	95	125234	24.004	ug/L	99
44) Toluene	10.39	91	515223	24.746	ug/L	99
52) Chlorobenzene	11.66	112	347833	24.686	ug/L	98

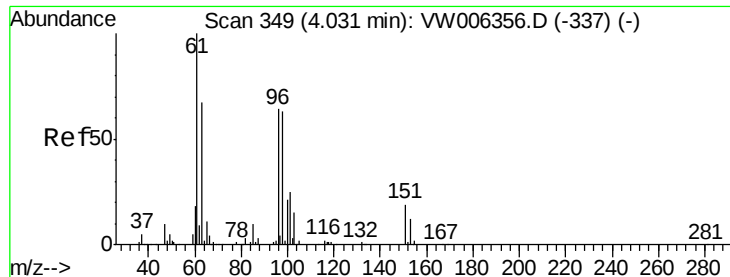
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 23.331 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

A40F1MS

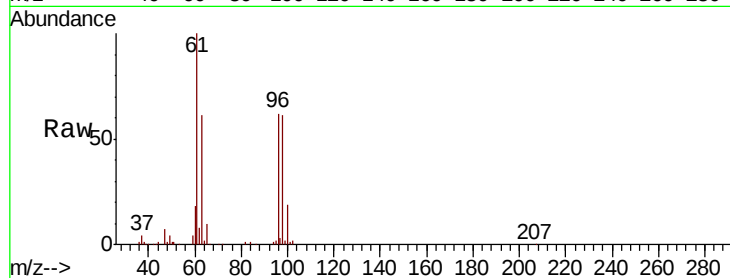
Tot Ion: 96 Resp: 103546

Ion Ratio Lower Upper

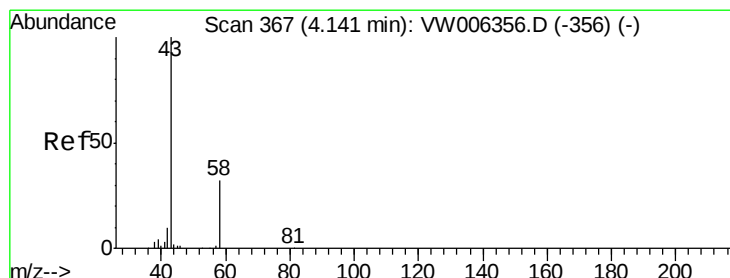
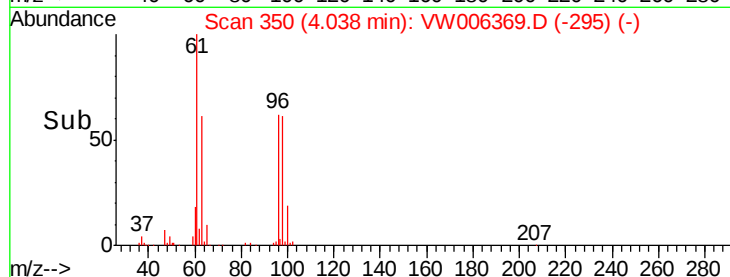
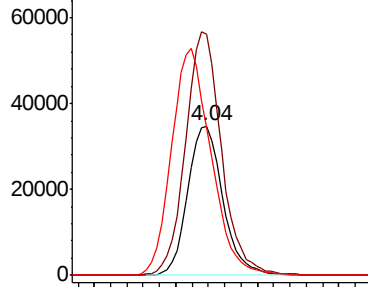
96 100

61 161.4 112.3 208.7

63 99.1 102.6 190.6#



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: 14.569 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006369.D

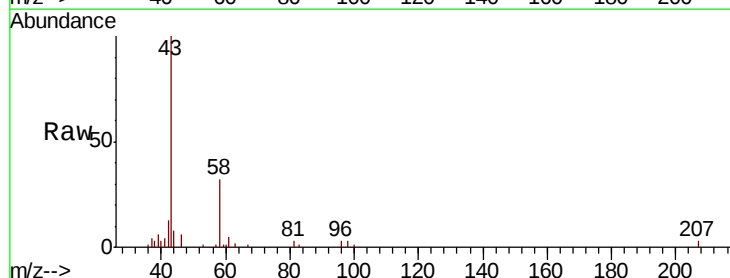
Acq: 25 Oct 2018 17:58

Tgt Ion: 43 Resp: 21268

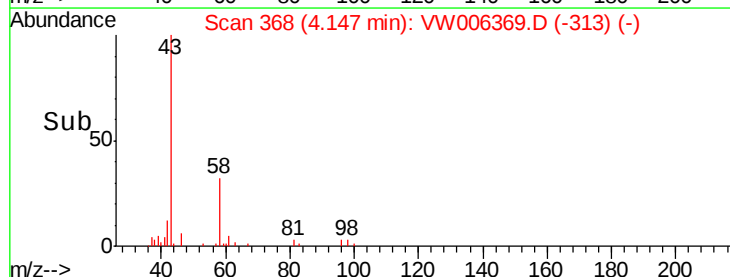
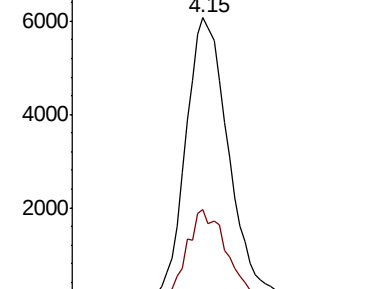
Ion Ratio Lower Upper

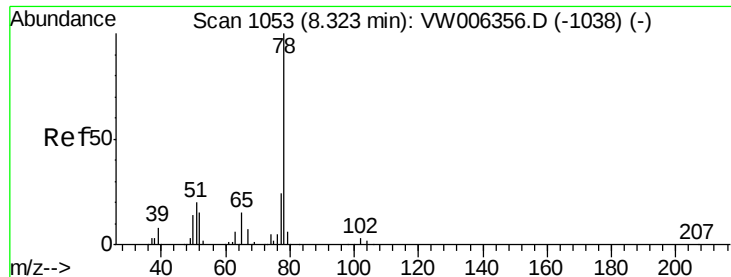
43 100

58 16.8 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#34

Benzene

Concen: 24.225 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW006369.D

Acq: 25 Oct 2018 17:58

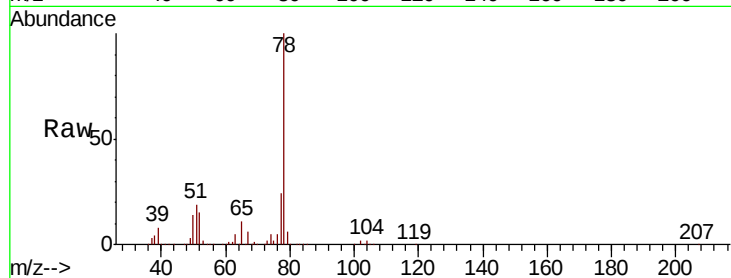
Instrument :

MSVOA_W

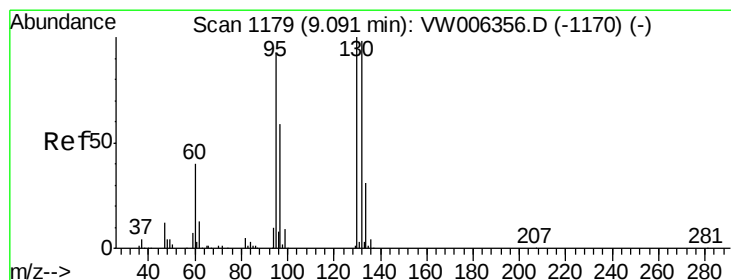
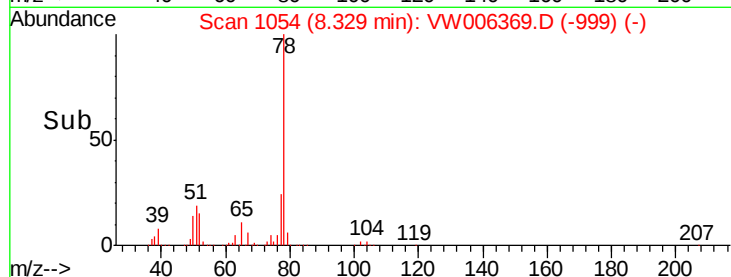
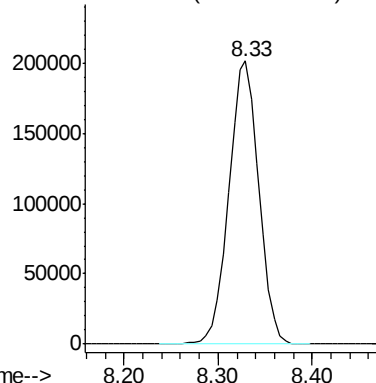
ClientSampleId :

A40F1MS

Tgt Ion: 78 Resp: 449205



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 24.004 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006369.D

Acq: 25 Oct 2018 17:58

Tgt Ion: 95 Resp: 125234

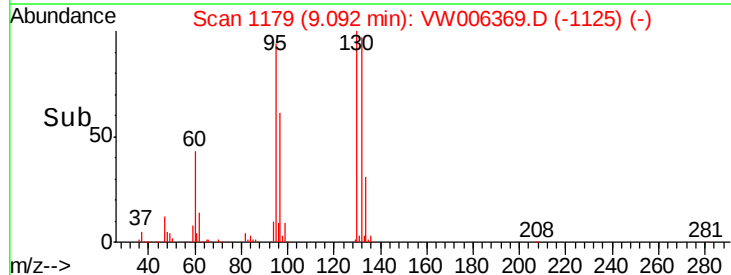
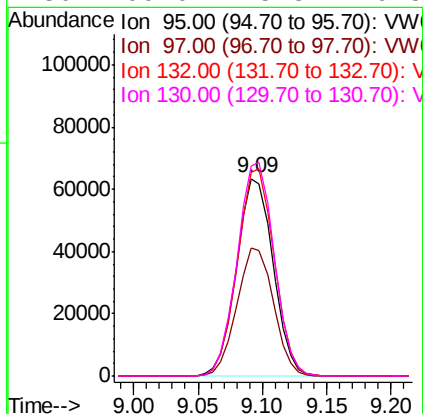
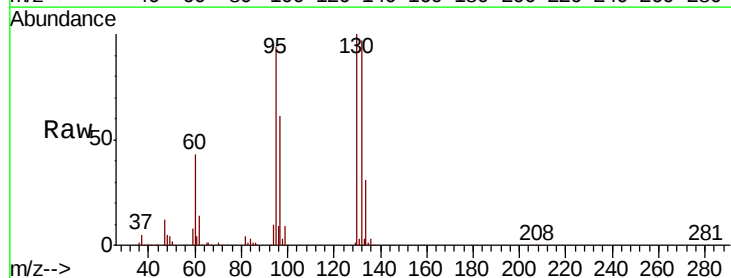
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.8	85.0
132	104.9	72.9	135.3
130	109.0	75.8	140.8

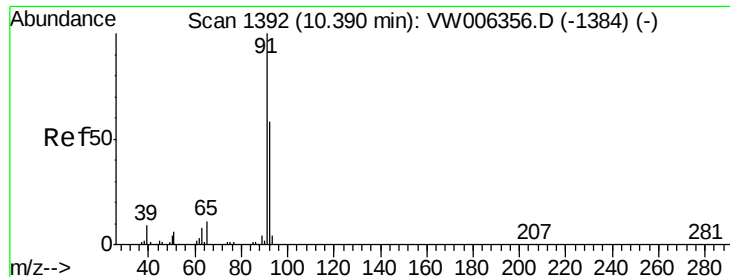
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#44

Toluene

Concen: 24.746 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006369.D

Acq: 25 Oct 2018 17:58

Instrument :

MSVOA_W

ClientSampleId :

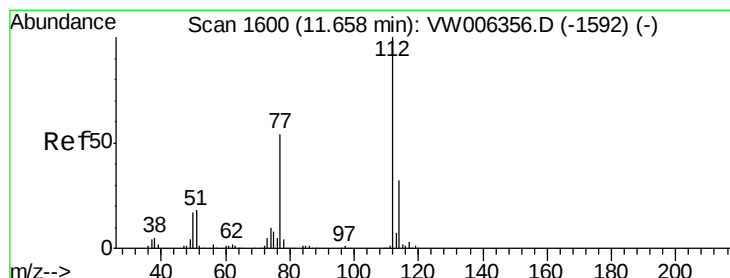
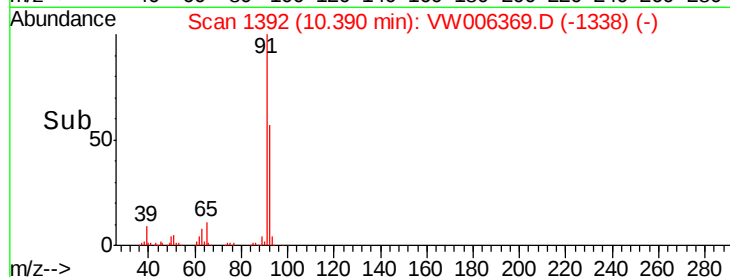
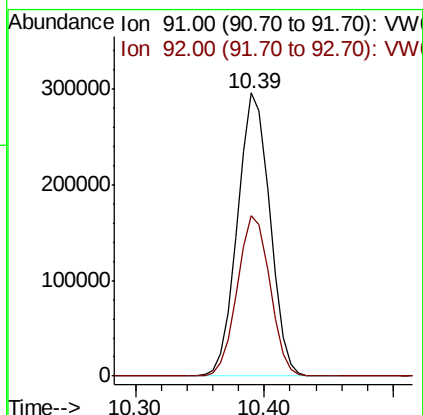
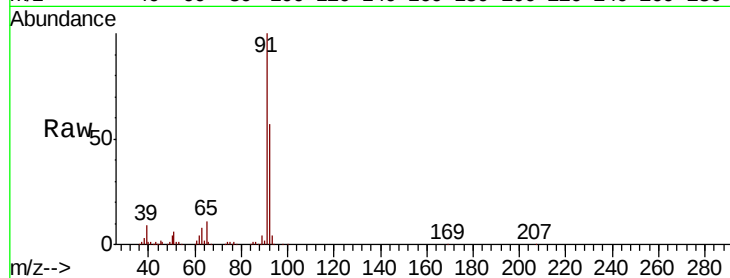
A40F1MS

Tot Ion: 91 Resp: 515223

Ion Ratio Lower Upper

91 100

92 56.9 40.4 75.0



#52

Chlorobenzene

Concen: 24.686 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW006369.D

Acq: 25 Oct 2018 17:58

Tgt Ion: 112 Resp: 347833

Ion Ratio Lower Upper

112 100

77 53.2 44.2 66.2

114 31.4 22.1 41.1

