

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
 Data File : VW006370.D
 Acq On : 25 Oct 2018 18:24
 Operator : SY/AP
 Sample : J5657-18MSD
 Misc : 4.89G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40F1MSD

Quant Time: Oct 26 05:08:00 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	440534	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	410042	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	215696	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	68523	13.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.16%
7) Chloroethane-d5	2.90	69	71215	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.60%
10) 1,1-Dichloroethene-d2	4.01	63	168024	17.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.44%
20) 2-Butanone-d5	7.09	46	44553	27.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.10%
24) Chloroform-d	7.65	84	177694	18.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.48%
26) 1,2-Dichloroethane-d4	8.31	65	100705	19.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.32%
29) Benzene-d6	8.27	84	345684	18.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.28%
33) 1,2-Dichloropropane-d6	9.28	67	103996	18.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.04%
37) Toluene-d8	10.33	98	341468	18.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.36%
38) trans-1,3-Dichloropropene-	10.59	79	40968	15.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.00%
39) 2-Hexanone-d5	10.93	63	38168	28.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.24%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	92256	16.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	148293	20.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.24%

Target Compounds

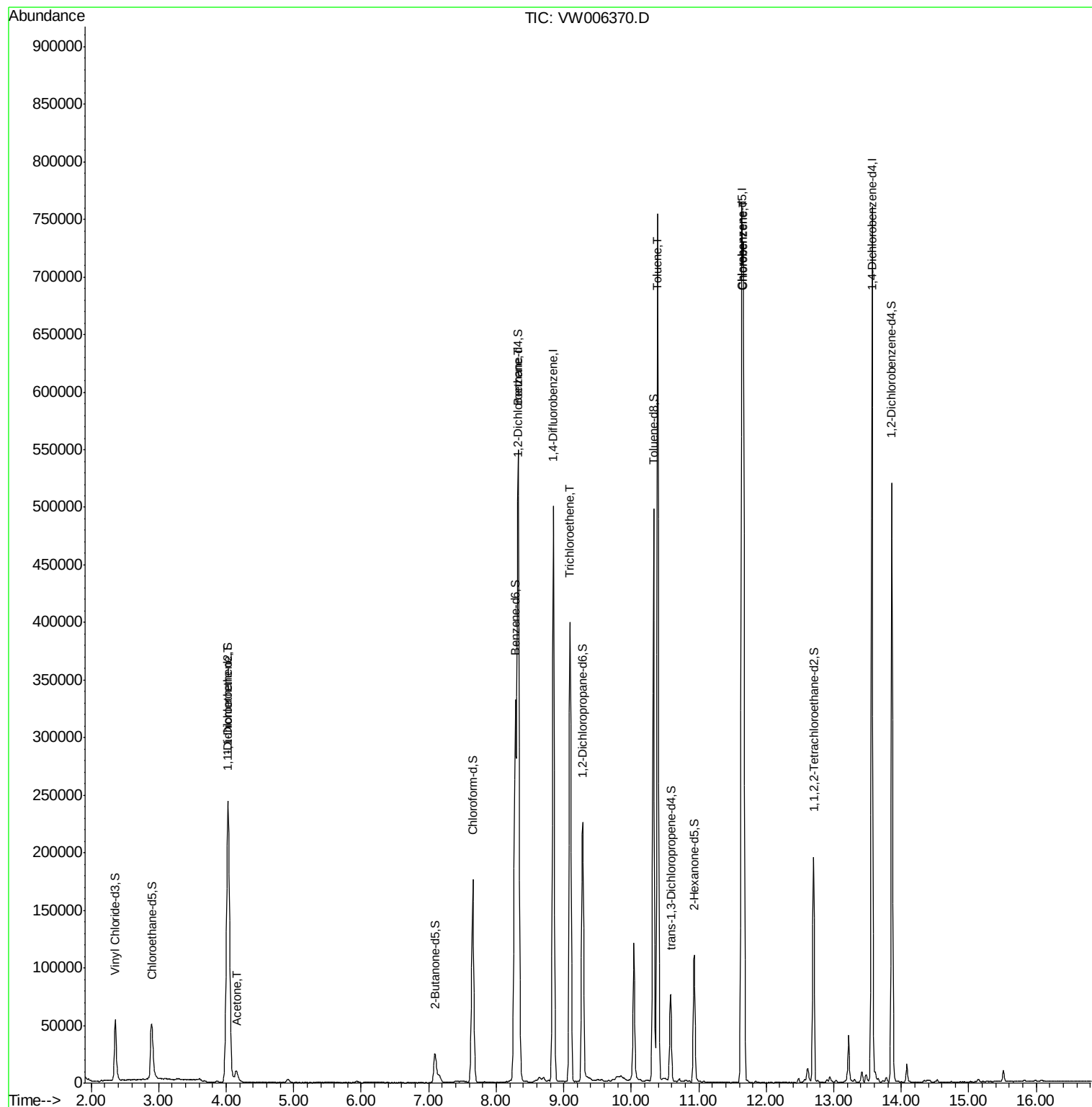
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	111068	21.960	ug/L	# 81
13) Acetone	4.15	43	18333	11.019	ug/L	98
34) Benzene	8.32	78	483572	22.973	ug/L	100
35) Trichloroethene	9.09	95	136848	23.106	ug/L	99
44) Toluene	10.39	91	559028	23.652	ug/L	99
52) Chlorobenzene	11.66	112	376031	23.509	ug/L	98

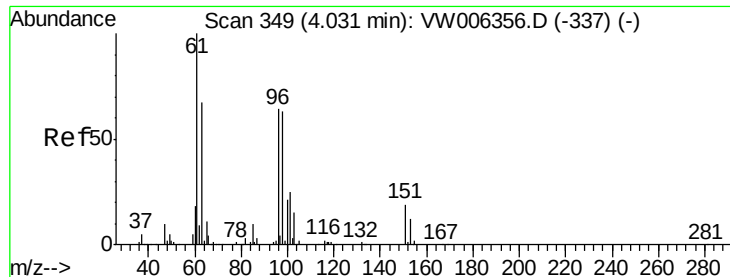
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 21.960 ug/L

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW006370.D

Acq: 25 Oct 2018 18:24

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ClientSampleId :

A40F1MSD

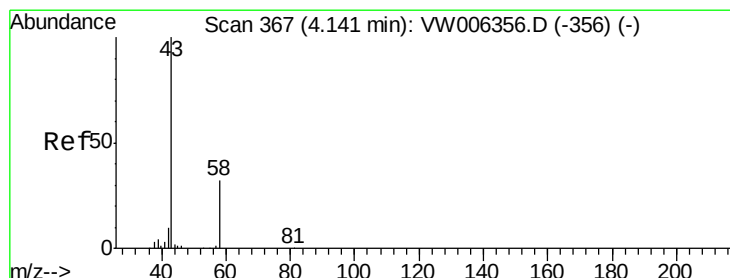
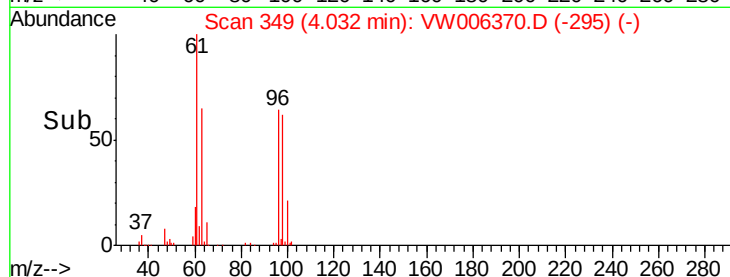
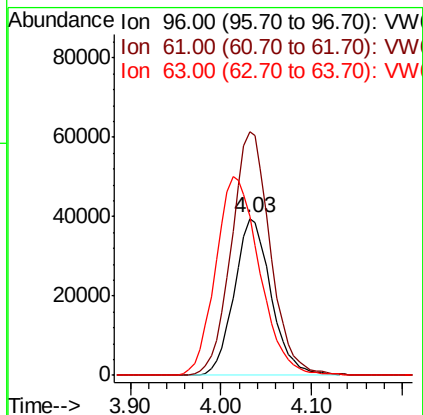
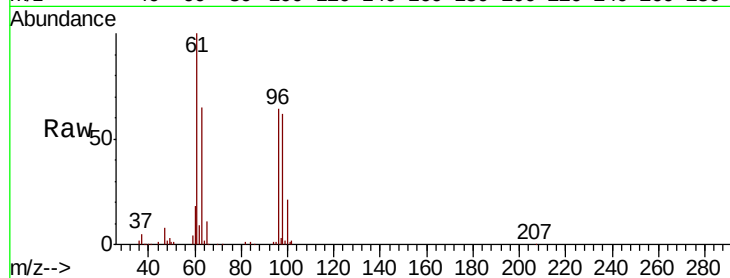
Tot Ion: 96 Resp: 111068

Ion Ratio Lower Upper

96 100

61 155.4 112.3 208.7

63 101.2 102.6 190.6#



#13

Acetone

Concen: 11.019 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006370.D

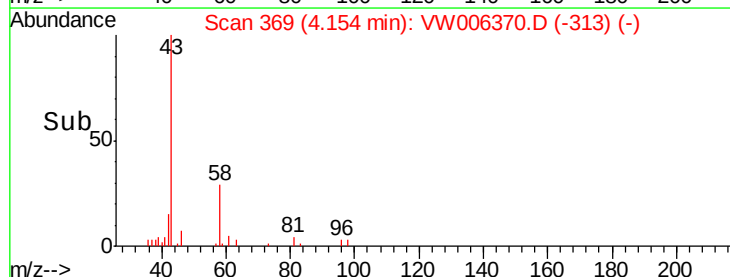
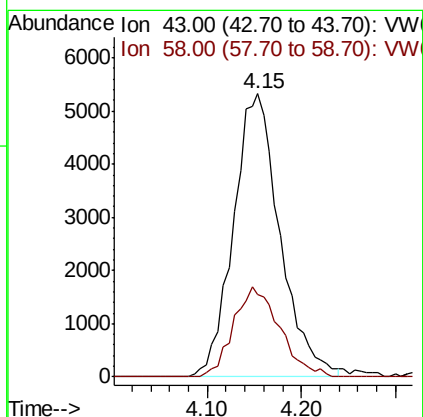
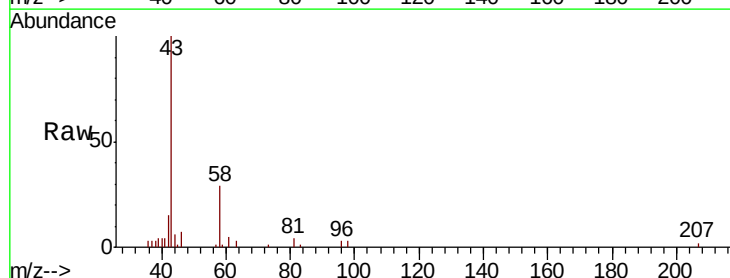
Acq: 25 Oct 2018 18:24

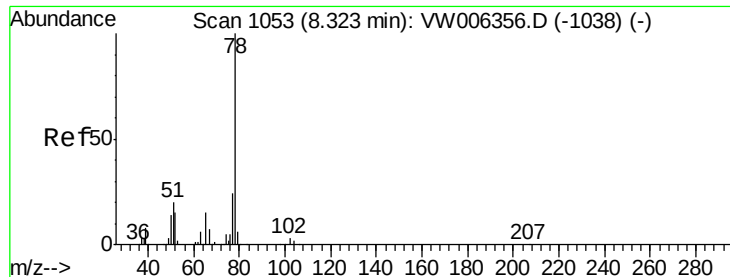
Tgt Ion: 43 Resp: 18333

Ion Ratio Lower Upper

43 100

58 31.6 0.0 61.2





#34

Benzene

Concen: 22.973 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW006370.D

Acq: 25 Oct 2018 18:24

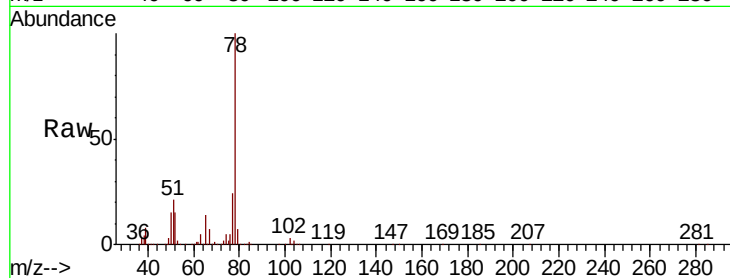
Instrument :

MSVOA_W

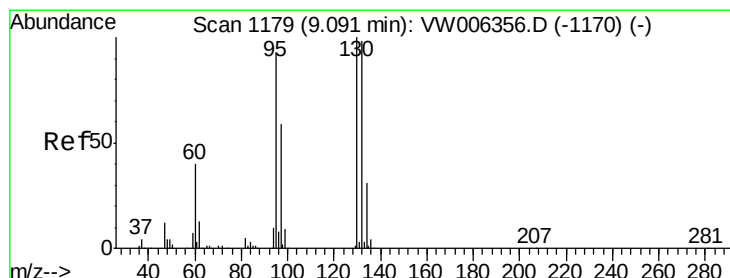
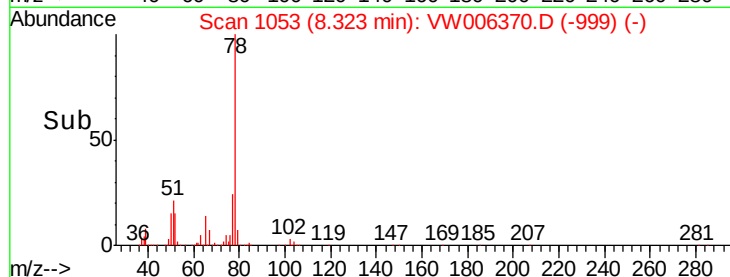
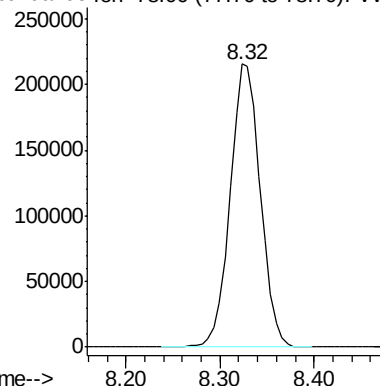
ClientSampleId :

A40F1MSD

Tgt Ion: 78 Resp: 483572



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 23.106 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006370.D

Acq: 25 Oct 2018 18:24

Tgt Ion: 95 Resp: 136848

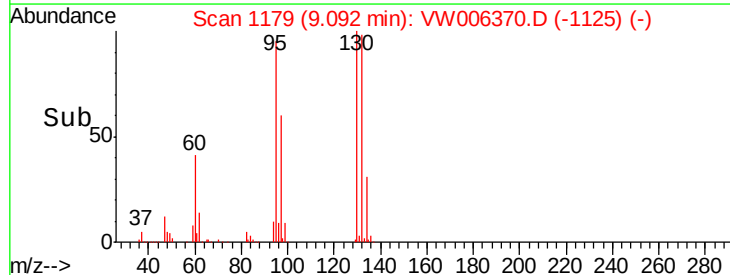
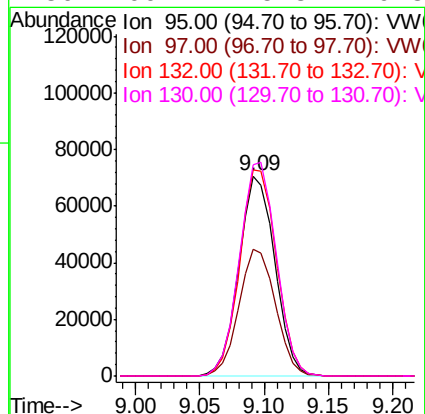
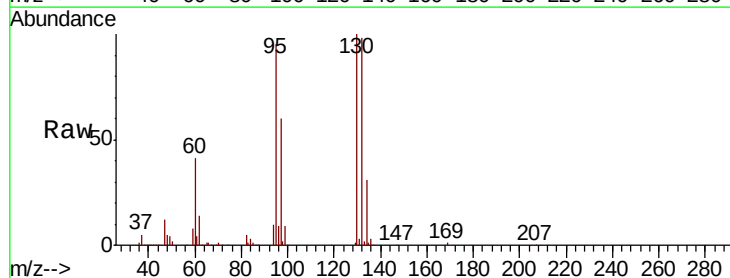
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.8	85.0
132	105.2	72.9	135.3
130	109.2	75.8	140.8

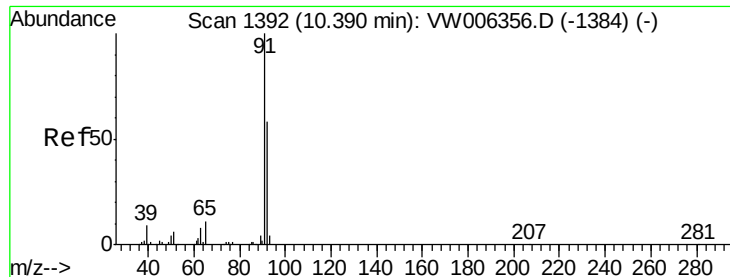
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 23.652 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006370.D

Acq: 25 Oct 2018 18:24

Instrument :

MSVOA_W

ClientSampleId :

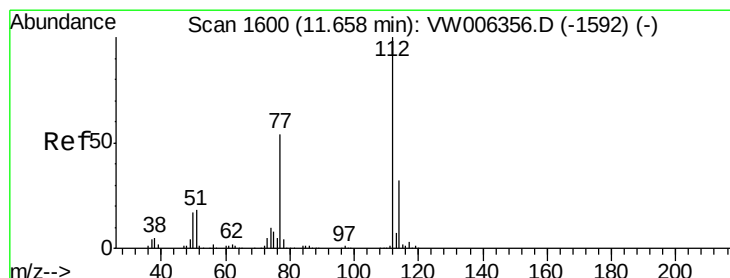
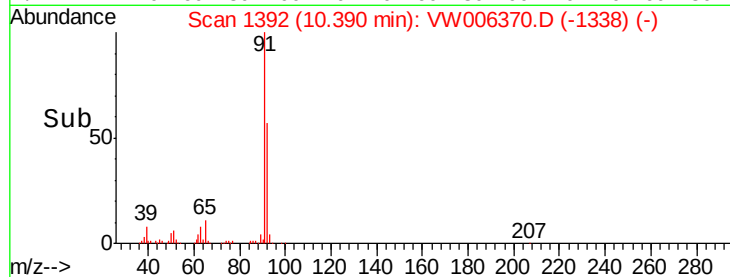
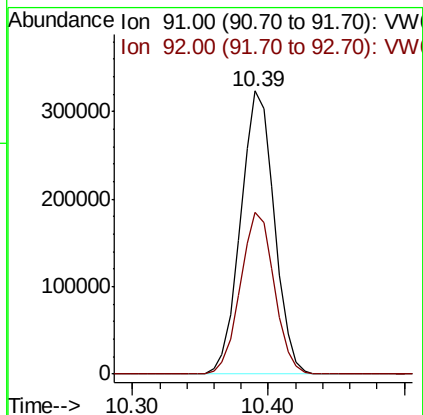
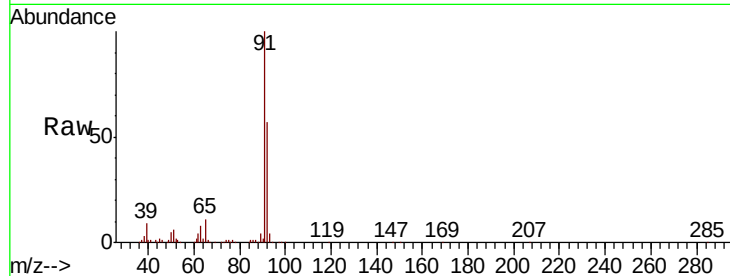
A40F1MSD

Tot Ion: 91 Resp: 559028

Ion Ratio Lower Upper

91 100

92 57.3 40.4 75.0



#52

Chlorobenzene

Concen: 23.509 ug/L

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW006370.D

Acq: 25 Oct 2018 18:24

Tgt Ion: 112 Resp: 376031

Ion Ratio Lower Upper

112 100

77 53.1 44.2 66.2

114 32.5 22.1 41.1

