

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042619\
 Data File : VW010153.D
 Acq On : 26 Apr 2019 12:07
 Operator : SY/VA
 Sample : K2481-08MS
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHW2MS

Quant Time: Apr 27 00:16:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 23:30:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	708131	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	646518	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	286093	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	162765	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.16%
7) Chloroethane-d5	2.89	69	141570	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.24%
10) 1,1-Dichloroethene-d2	4.01	63	422685	21.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.12%
20) 2-Butanone-d5	7.07	46	112983	35.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.70%
24) Chloroform-d	7.64	84	441529	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	8.30	65	239080	21.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.72%
29) Benzene-d6	8.27	84	879994	24.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.12%
33) 1,2-Dichloropropane-d6	9.27	67	277399	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.20%
37) Toluene-d8	10.32	98	810918	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.52%
38) trans-1,3-Dichloropropene-	10.58	79	111312	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.64%
39) 2-Hexanone-d5	10.93	63	93781	39.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	195907	20.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	268055	25.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.20%

Target Compounds

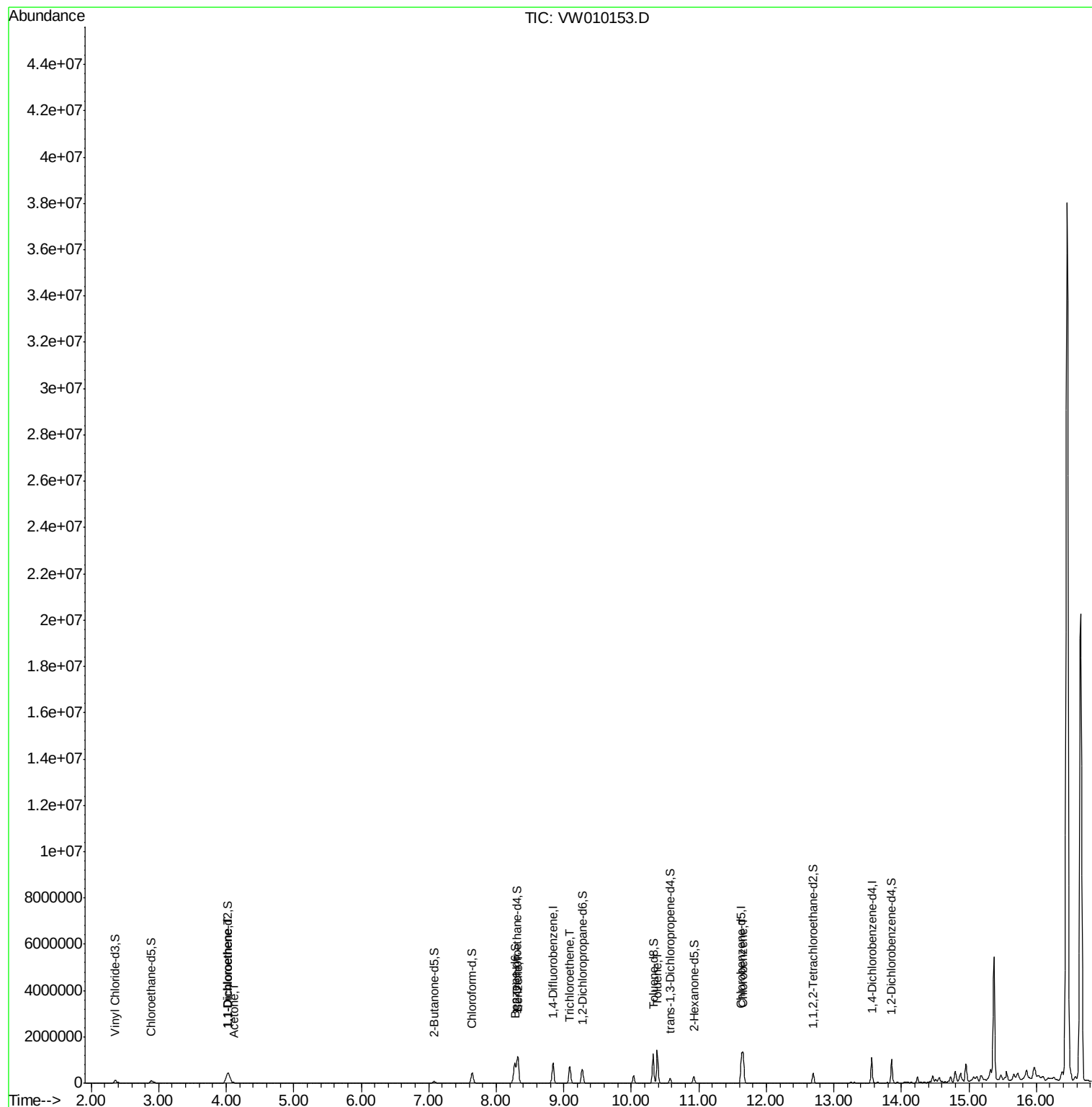
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	192791	21.010	ug/L	94
13) Acetone	4.12	43	7195	2.983	ug/L	76
34) Benzene	8.32	78	956825	24.331	ug/L	100
35) Trichloroethene	9.09	95	246415	23.759	ug/L	99
44) Toluene	10.38	91	1042515	25.043	ug/L	98
52) Chlorobenzene	11.66	112	652010	24.754	ug/L	100

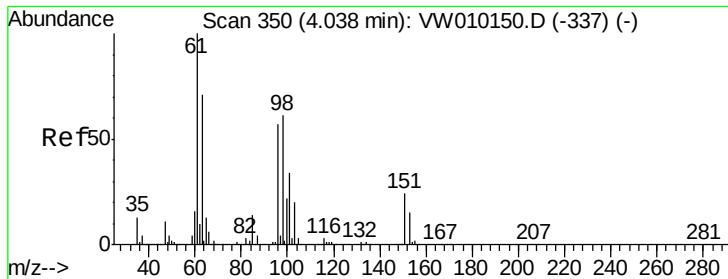
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 21.010 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

GAHW2MS

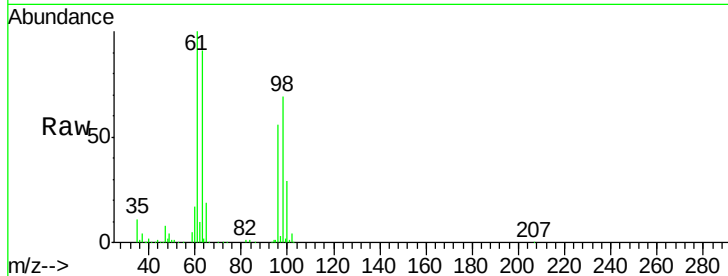
Tot Ion: 96 Resp: 192791

Ion Ratio Lower Upper

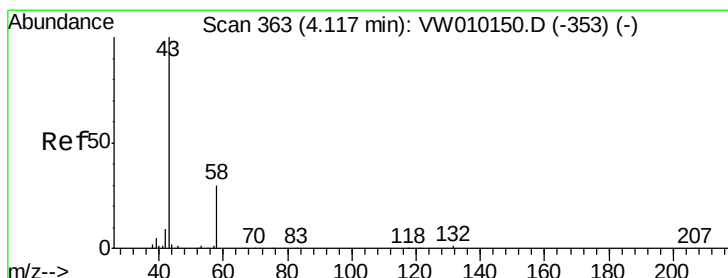
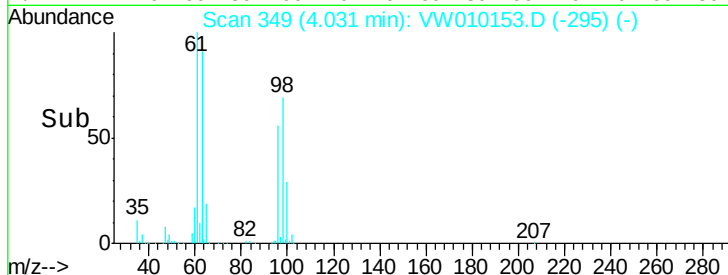
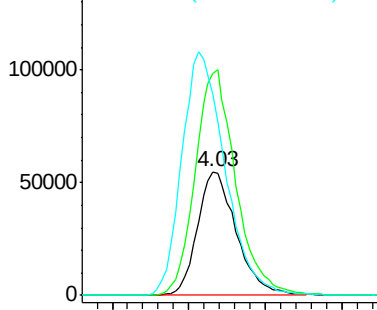
96 100

61 179.4 135.3 251.3

63 163.1 115.8 215.2



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: 2.983 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010153.D

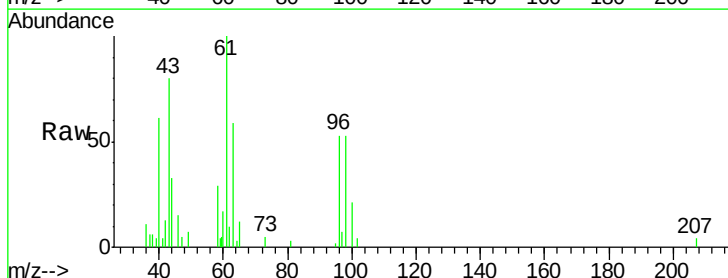
Acq: 26 Apr 2019 12:07

Tgt Ion: 43 Resp: 7195

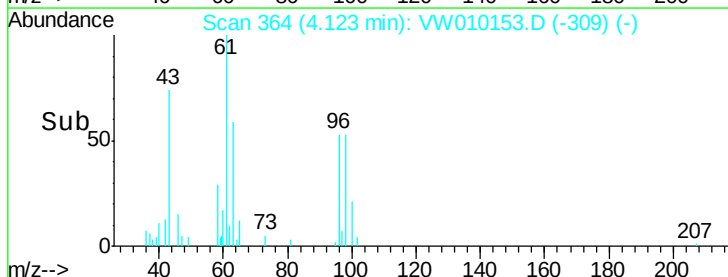
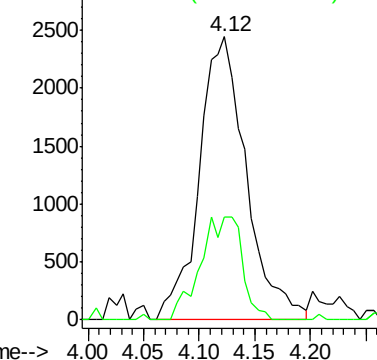
Ion Ratio Lower Upper

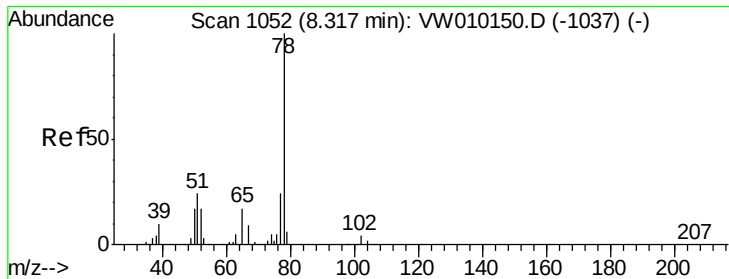
43 100

58 16.3 0.0 58.2



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





#34

Benzene

Concen: 24.331 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010153.D

Acq: 26 Apr 2019 12:07

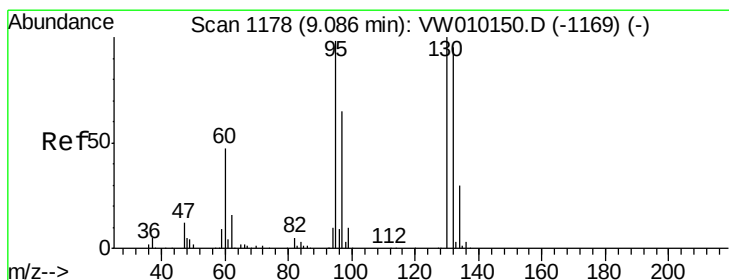
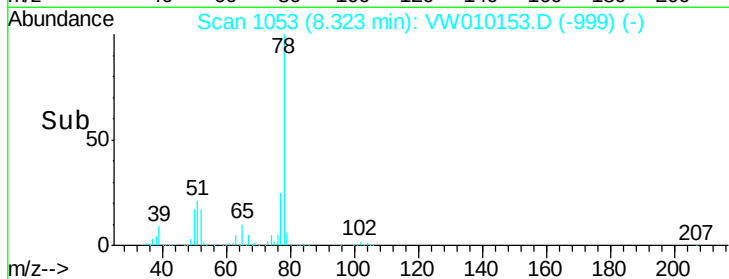
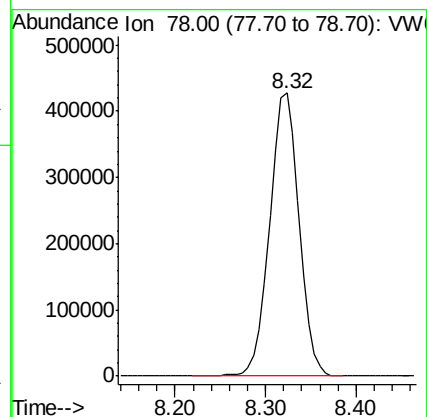
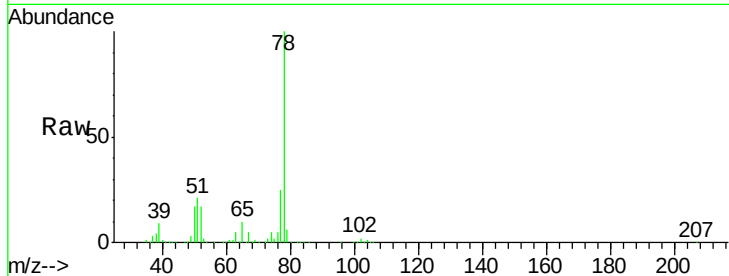
Instrument :

MSVOA_W

ClientSampleId :

GAHW2MS

Tgt Ion: 78 Resp: 956825



#35

Trichloroethene

Concen: 23.759 ug/L

RT: 9.09 min Scan# 1179

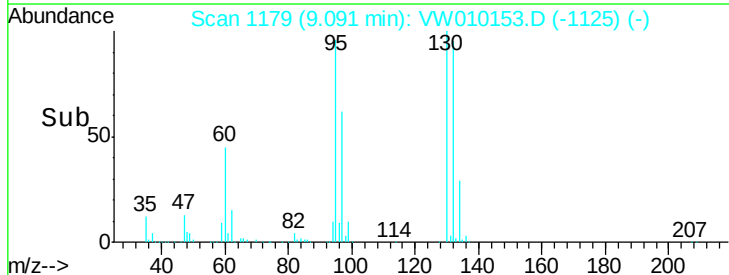
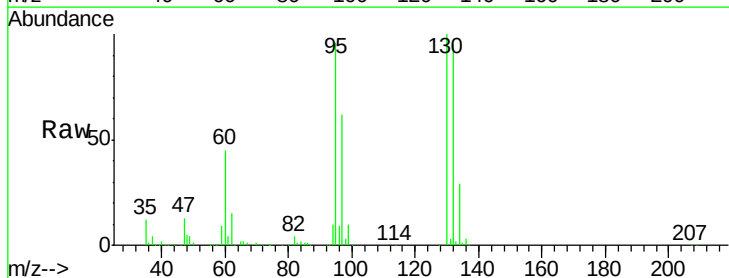
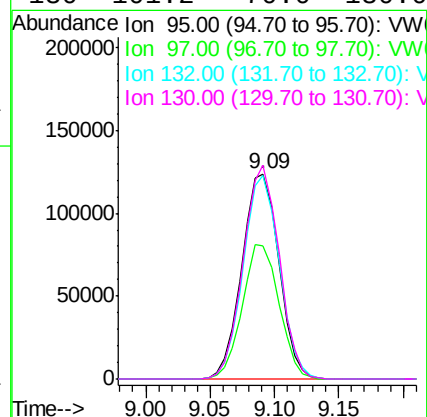
Delta R.T. -0.00 min

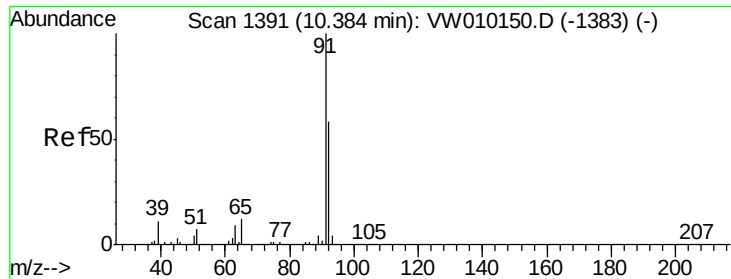
Lab File: VW010153.D

Acq: 26 Apr 2019 12:07

Tgt Ion: 95 Resp: 246415

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.1	83.9
132	97.2	67.2	124.8
130	101.2	70.0	130.0





#44

Toluene

Concen: 25.043 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW010153.D

Acq: 26 Apr 2019 12:07

Instrument :

MSVOA_W

ClientSampleId :

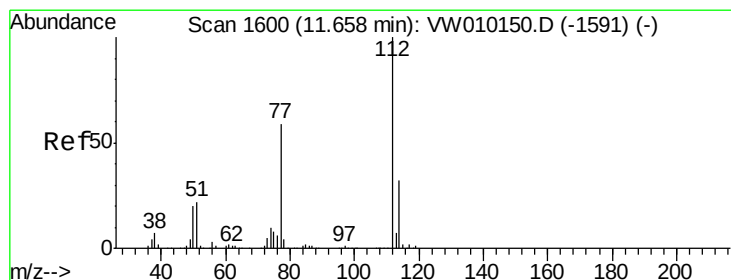
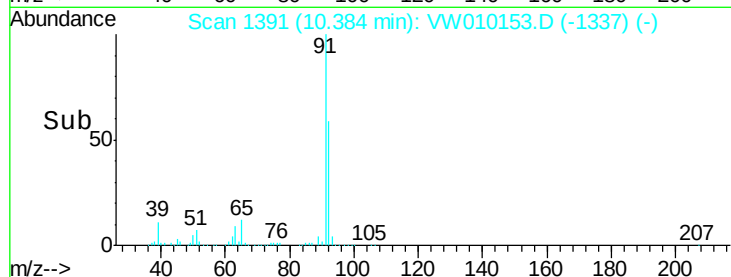
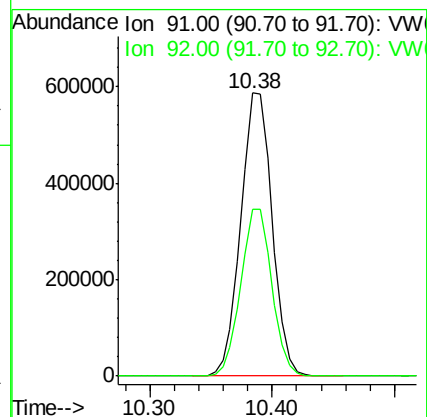
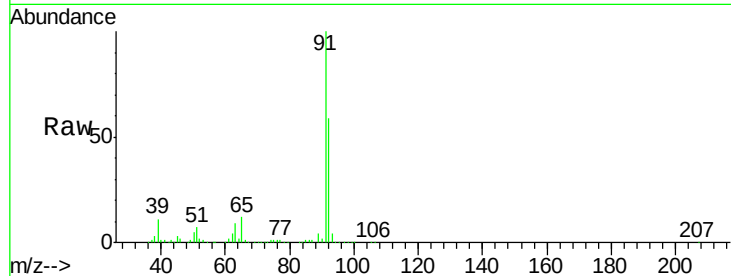
GAHW2MS

Tot Ion: 91 Resp: 1042515

Ion Ratio Lower Upper

91 100

92 59.1 40.3 74.9



#52

Chlorobenzene

Concen: 24.754 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010153.D

Acq: 26 Apr 2019 12:07

Tgt Ion: 112 Resp: 652010

Ion Ratio Lower Upper

112 100

77 60.9 48.6 73.0

114 31.7 22.3 41.3

