

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
 Data File : VW004071.D
 Acq On : 20 Jul 2018 12:50
 Operator : SY/AP
 Sample : J4023-19MS
 Misc : 6.12G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1M9MS

Quant Time: Jul 21 04:56:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 04:54:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	324187	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	269014	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	89367	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58165	18.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.56%
7) Chloroethane-d5	2.89	69	50424	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.28%
10) 1,1-Dichloroethene-d2	4.01	63	176346	22.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.68%
20) 2-Butanone-d5	7.08	46	56509	30.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.10%
24) Chloroform-d	7.65	84	181536	23.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	8.31	65	109081	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.16%
29) Benzene-d6	8.27	84	314222	25.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.72%
33) 1,2-Dichloropropane-d6	9.28	67	114856	27.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.40%
37) Toluene-d8	10.33	98	264117	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.20%
38) trans-1,3-Dichloropropene-	10.59	79	42294	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.52%
39) 2-Hexanone-d5	10.93	63	37414	33.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.80%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	92458	20.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.12%
61) 1,2-Dichlorobenzene-d4	13.87	152	66994	23.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.24%

Target Compounds

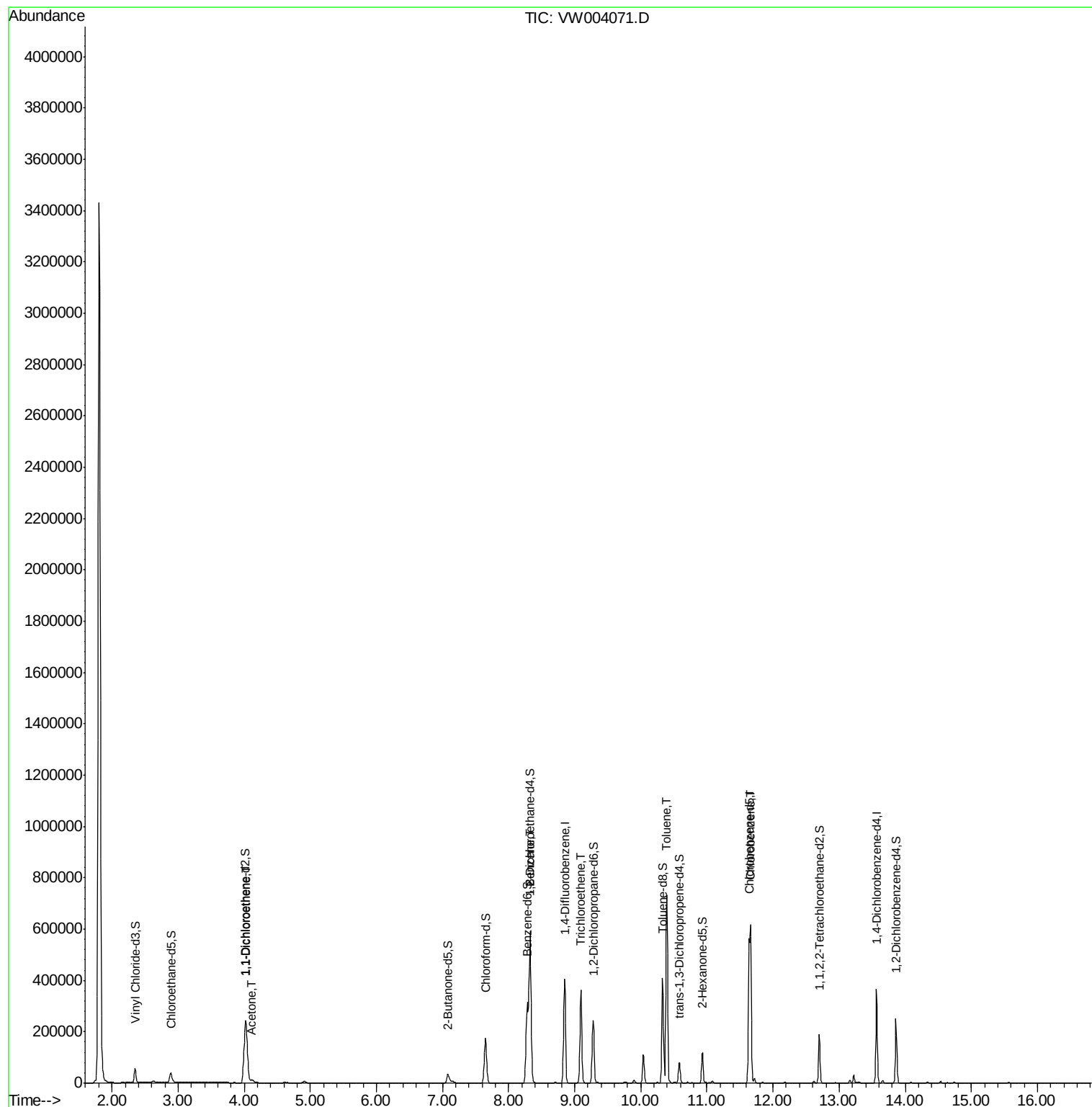
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	110491	25.604	ug/L	94
13) Acetone	4.12	43	15558	7.610	ug/L	75
34) Benzene	8.33	78	510521	30.959	ug/L	100
35) Trichloroethene	9.09	95	126975	28.779	ug/L	99
44) Toluene	10.39	91	528999	30.615	ug/L	99
52) Chlorobenzene	11.66	112	298645	26.956	ug/L	99

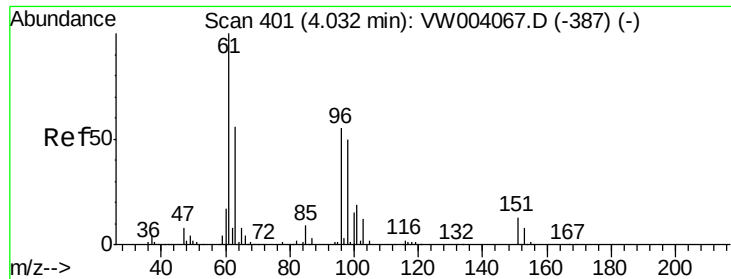
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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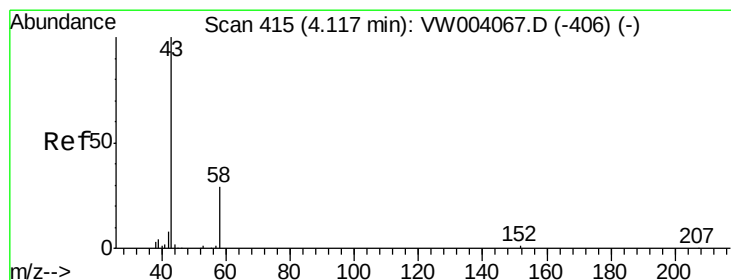
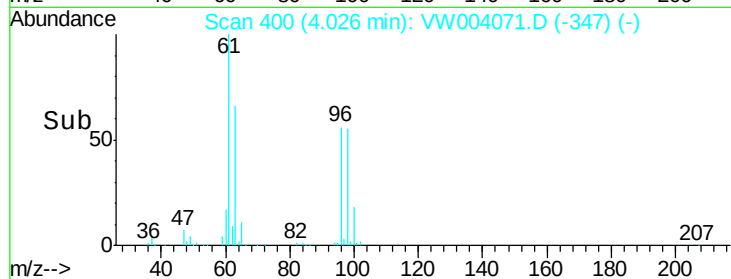
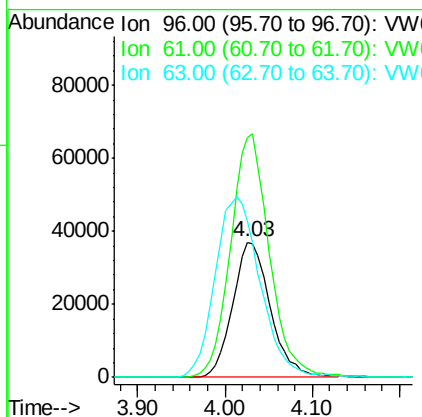
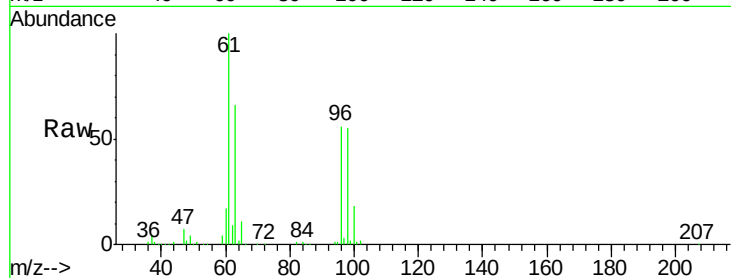




#12
 1,1-Dichloroethene
 Concen: 25.604 ug/L
 RT: 4.03 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: VW004071.D
 Acq: 20 Jul 2018 12:50

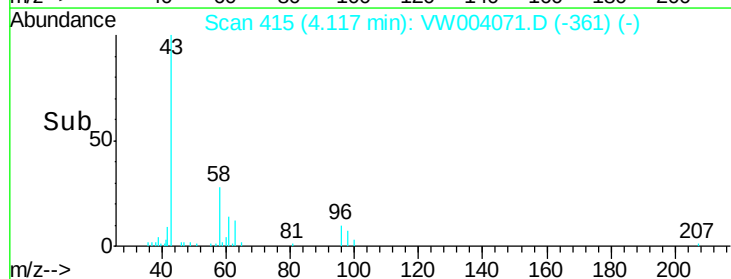
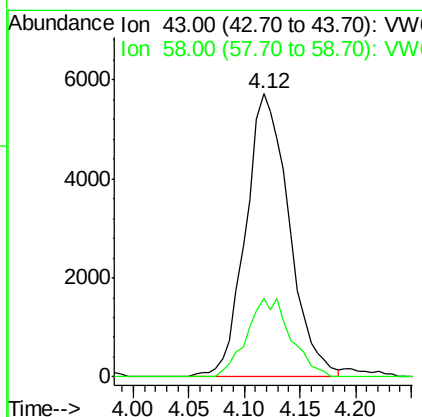
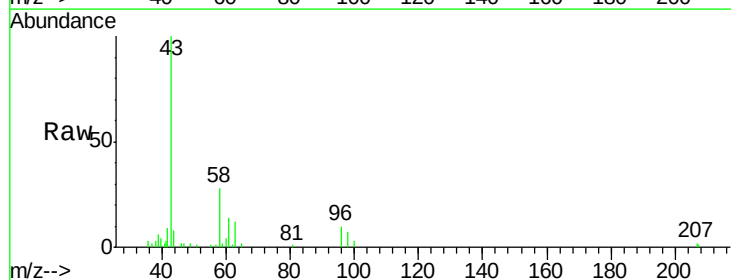
Instrument :
 MSVOA_W
 ClientSampleId :
 DB1M9MS

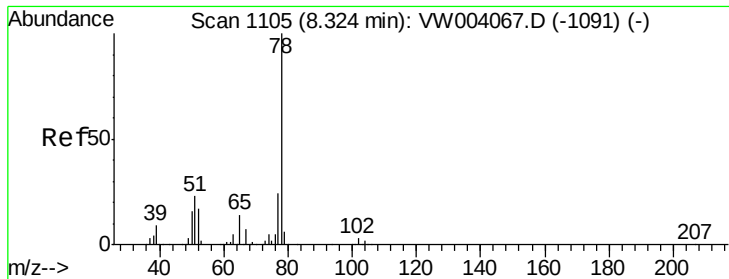
Tgt Ion: 96 Resp: 110491
 Ion Ratio Lower Upper
 96 100
 61 177.3 127.3 236.5
 63 116.3 88.5 164.4



#13
 Acetone
 Concen: 7.610 ug/L
 RT: 4.12 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: VW004071.D
 Acq: 20 Jul 2018 12:50

Tgt Ion: 43 Resp: 15558
 Ion Ratio Lower Upper
 43 100
 58 16.1 0.0 59.4





#34

Benzene

Concen: 30.959 ug/L

RT: 8.33 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VW004071.D

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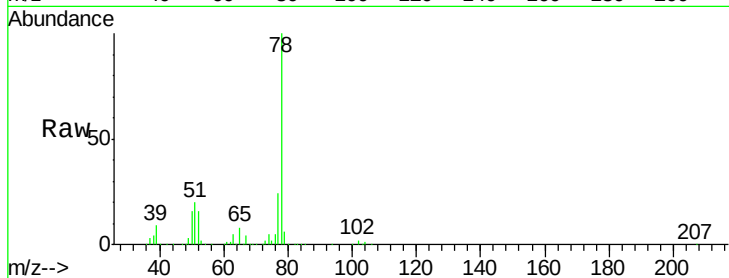
Instrument :

MSVOA_W

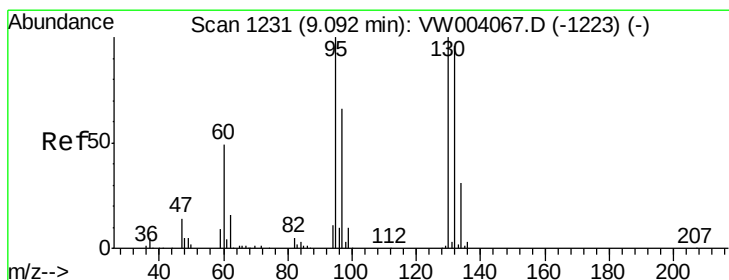
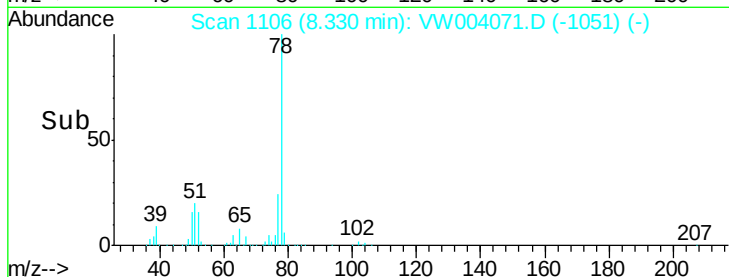
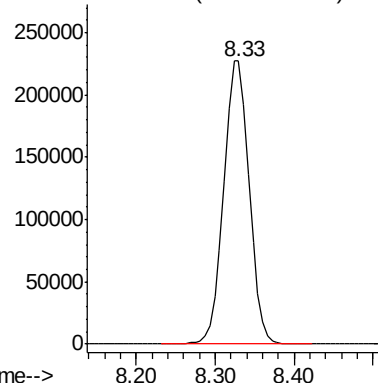
ClientSampleId :

DB1M9MS

Tgt Ion: 78 Resp: 510521



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 28.779 ug/L

RT: 9.09 min Scan# 1231

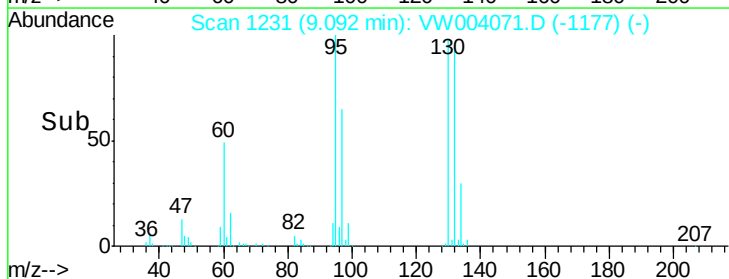
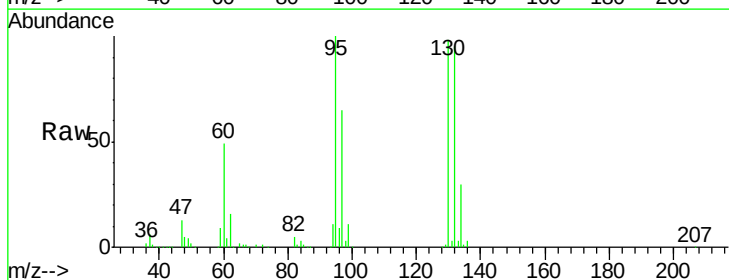
Delta R.T. -0.00 min

Lab File: VW004071.D

Acq: 20 Jul 2018 12:50

Tgt Ion: 95 Resp: 126975

Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.7	83.1
132	95.7	66.1	122.7
130	98.8	68.9	127.9

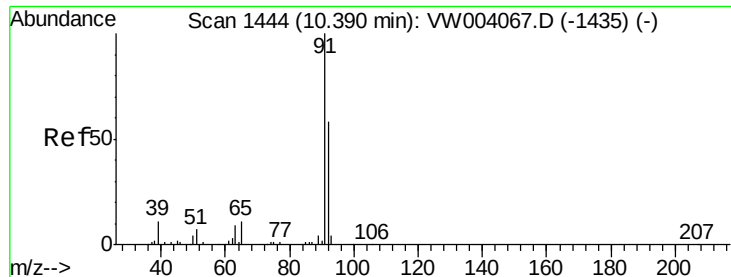


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 30.615 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004071.D

Acq: 20 Jul 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

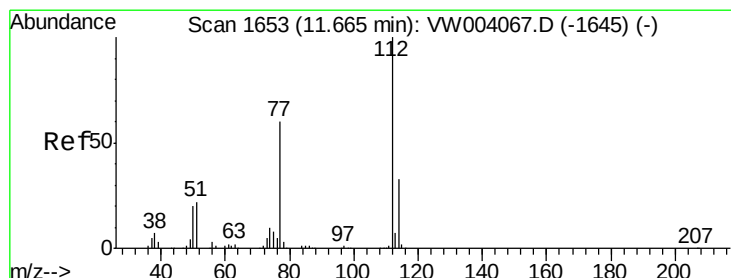
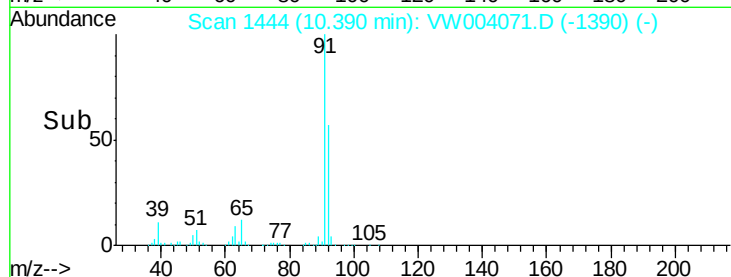
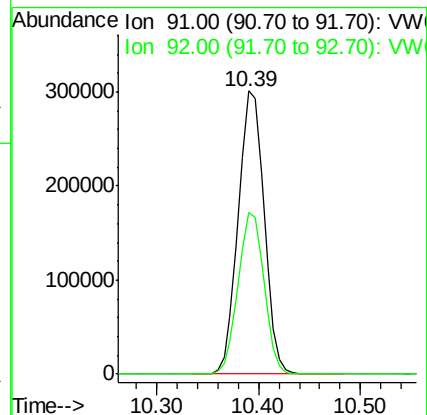
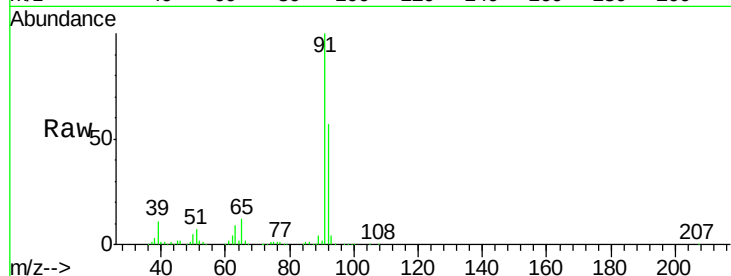
DB1M9MS

Tgt Ion: 91 Resp: 528999

Ion Ratio Lower Upper

91 100

92 56.9 39.5 73.4



#52

Chlorobenzene

Concen: 26.956 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW004071.D

Acq: 20 Jul 2018 12:50

Tgt Ion: 112 Resp: 298645

Ion Ratio Lower Upper

112 100

77 58.6 47.7 71.5

114 31.9 22.2 41.2

