

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082418\
 Data File : VW004954.D
 Acq On : 24 Aug 2018 23:33
 Operator : SY/AP
 Sample : J4634-04MS
 Misc : 5.78G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3H6MS

Quant Time: Aug 25 01:35:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 01:34:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	567504	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	559100	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	194691	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	243119	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.68%
7) Chloroethane-d5	2.89	69	190743	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.92%
10) 1,1-Dichloroethene-d2	4.03	63	301701	22.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.12%
20) 2-Butanone-d5	7.09	46	69096	31.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.30%
24) Chloroform-d	7.66	84	288041	22.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.44%
26) 1,2-Dichloroethane-d4	8.31	65	166471	24.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.28%
29) Benzene-d6	8.28	84	666394	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	9.28	67	200953	23.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.12%
37) Toluene-d8	10.33	98	675624	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.72%
38) trans-1,3-Dichloropropene-	10.59	79	66635	18.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.32%
39) 2-Hexanone-d5	10.93	63	68546	32.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.48%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	179904	21.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	187653	23.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.96%

Target Compounds

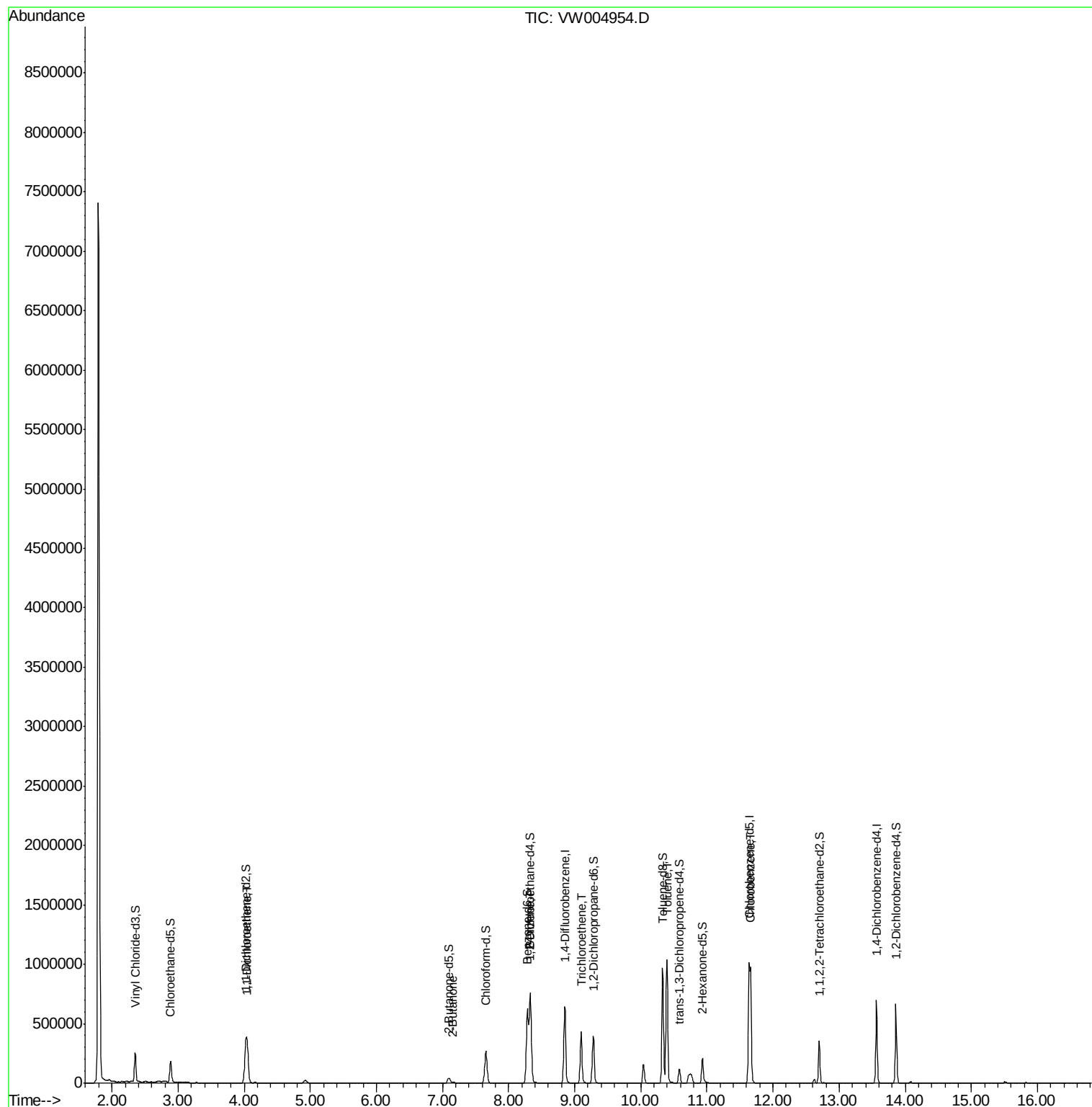
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.05	96	145995	22.097	ug/L	91
21) 2-Butanone	7.15	43	8380	3.218	ug/L	# 46
34) Benzene	8.33	78	677124	21.241	ug/L	100
35) Trichloroethene	9.10	95	157884	19.917	ug/L	99
44) Toluene	10.40	91	810272	21.165	ug/L	98
52) Chlorobenzene	11.66	112	491470	19.325	ug/L	99

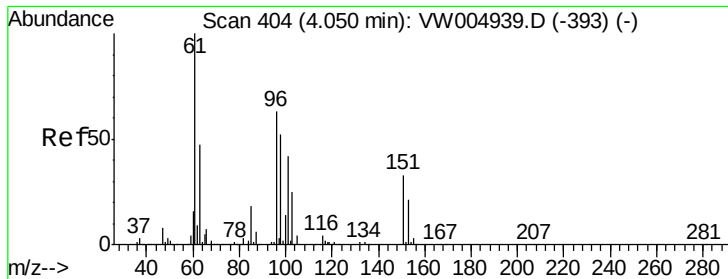
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 25 01:34:01 2018
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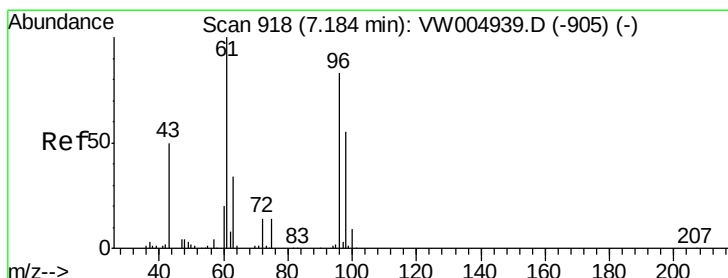
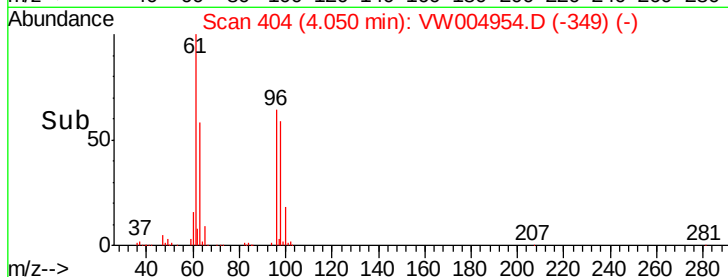
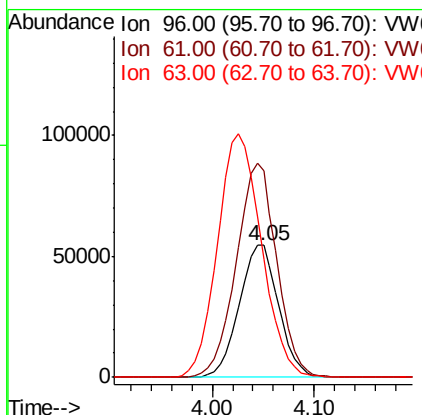
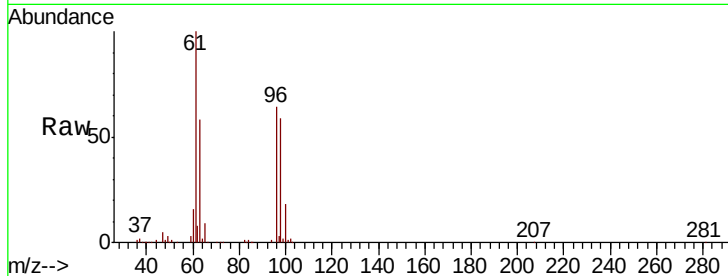




#12
 1,1-Dichloroethene
 Concen: 22.097 ug/L
 RT: 4.05 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: VW004954.D
 Acq: 24 Aug 2018 23:33

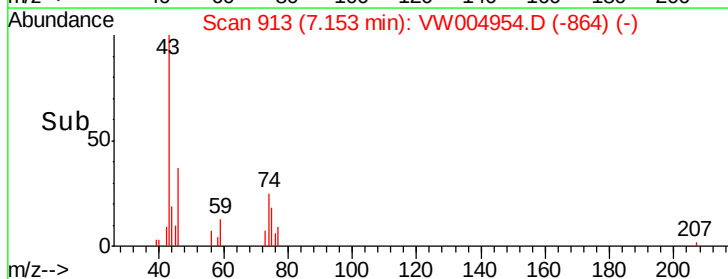
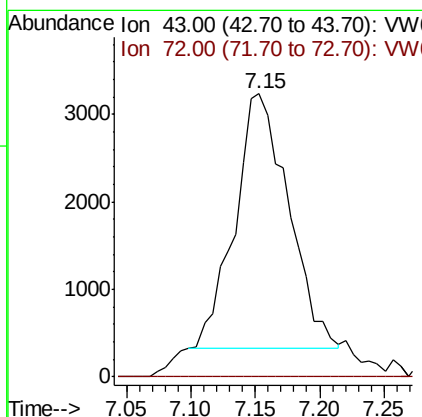
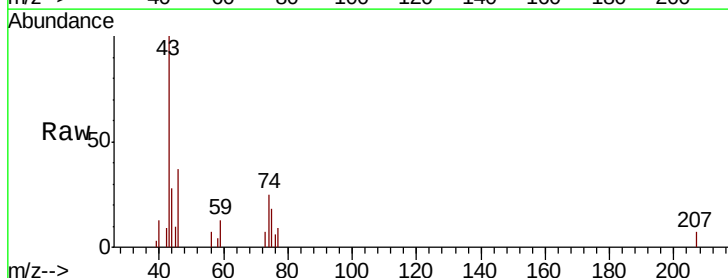
Instrument :
 MSVOA_W
 ClientSampleId :
 DB3H6MS

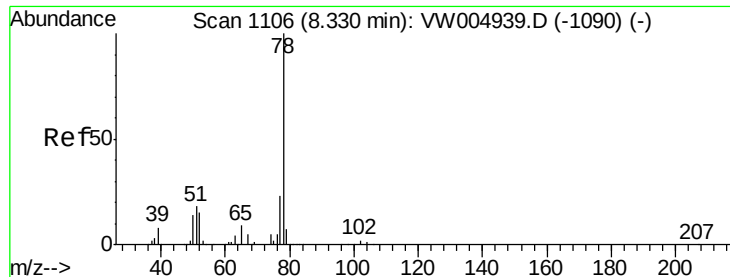
Tgt Ion: 96 Resp: 145995
 Ion Ratio Lower Upper
 96 100
 61 156.1 107.0 198.8
 63 89.9 76.9 142.7



#21
 2-Butanone
 Concen: 3.218 ug/L
 RT: 7.15 min Scan# 913
 Delta R.T. -0.03 min
 Lab File: VW004954.D
 Acq: 24 Aug 2018 23:33

Tgt Ion: 43 Resp: 8380
 Ion Ratio Lower Upper
 43 100
 72 0.0 14.2 42.8#





#34

Benzene

Concen: 21.241 ug/L

RT: 8.33 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VW004954.D

Acq: 24 Aug 2018 23:33

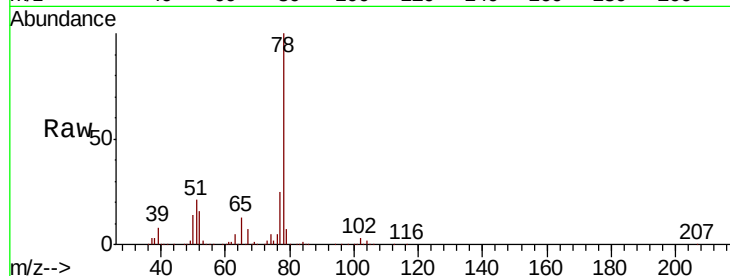
Instrument :

MSVOA_W

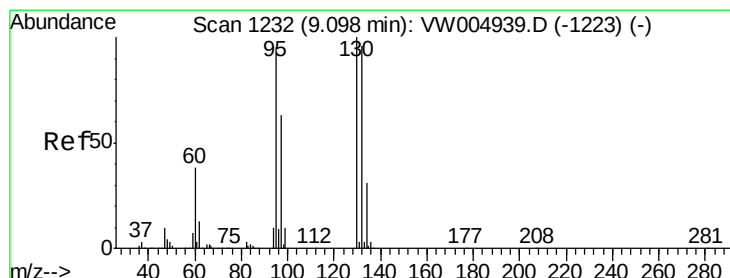
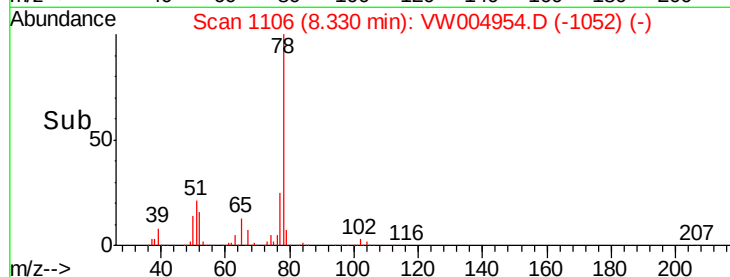
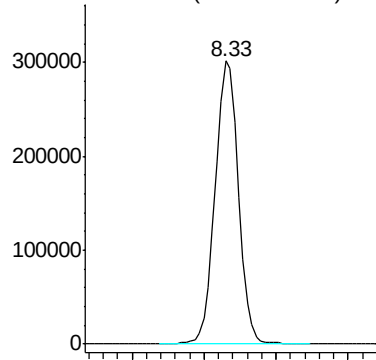
ClientSampleId :

DB3H6MS

Tgt Ion: 78 Resp: 677124



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 19.917 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW004954.D

Acq: 24 Aug 2018 23:33

Tgt Ion: 95 Resp: 157884

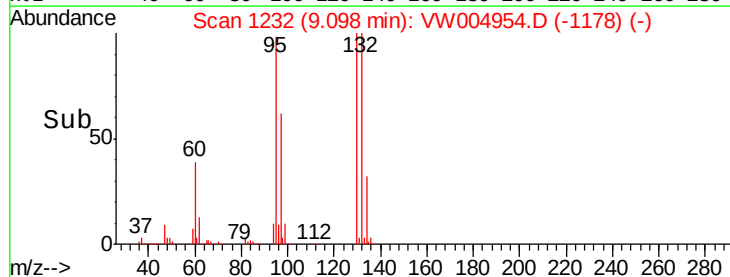
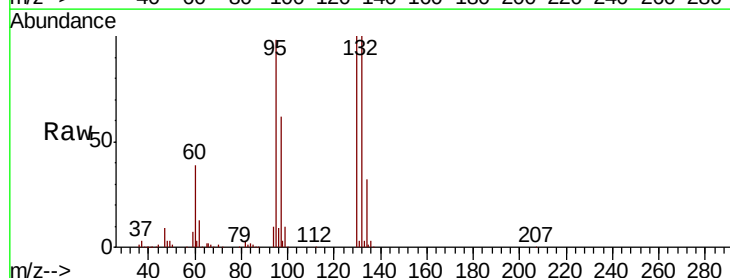
Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.9	85.3
132	98.8	69.2	128.4
130	102.5	72.7	135.1

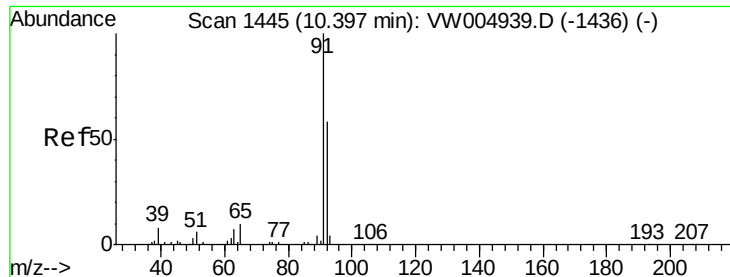
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 21.165 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW004954.D

Acq: 24 Aug 2018 23:33

Instrument :

MSVOA_W

ClientSampleId :

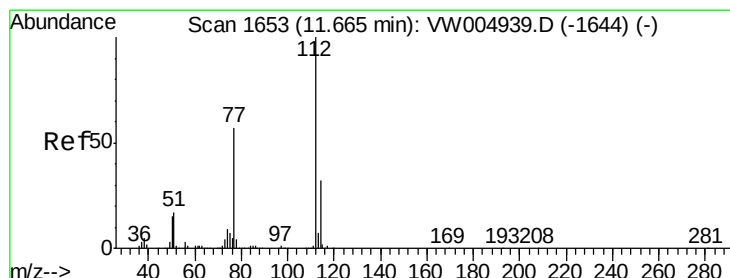
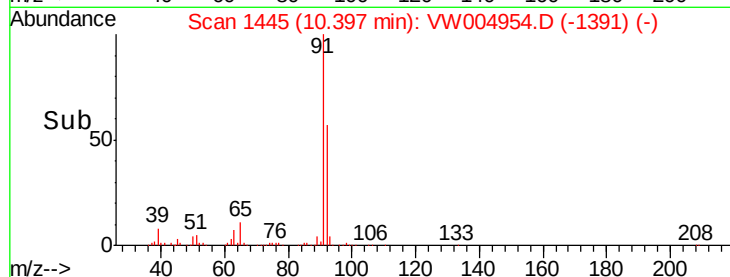
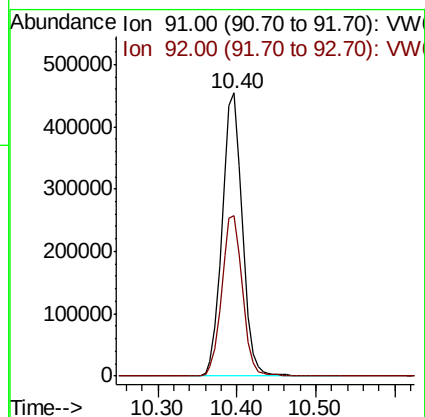
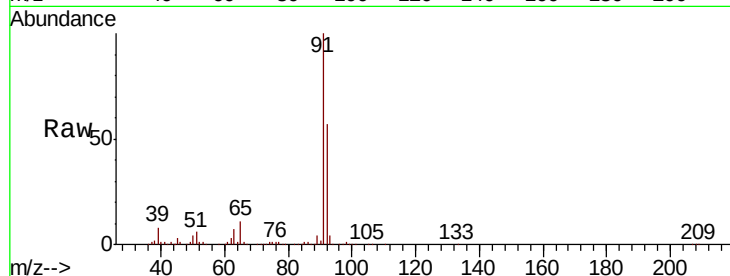
DB3H6MS

Tgt Ion: 91 Resp: 810272

Ion Ratio Lower Upper

91 100

92 56.7 40.6 75.4



#52

Chlorobenzene

Concen: 19.325 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW004954.D

Acq: 24 Aug 2018 23:33

Tgt Ion: 112 Resp: 491470

Ion Ratio Lower Upper

112 100

77 55.9 45.8 68.8

114 32.2 22.5 41.7

