

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
 Data File : VW004098.D
 Acq On : 21 Jul 2018 02:40
 Operator : SY/AP
 Sample : J4038-12MSD
 Misc : 6.68G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB1M5MSD

Quant Time: Jul 21 06:51:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 06:22:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	304292	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	274865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	104538	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	62194	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.64%
7) Chloroethane-d5	2.89	69	47055	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.76%
10) 1,1-Dichloroethene-d2	4.01	63	172646	23.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.64%
20) 2-Butanone-d5	7.08	46	81217	46.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.04%
24) Chloroform-d	7.65	84	184509	25.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	8.31	65	116104	26.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.76%
29) Benzene-d6	8.28	84	324254	25.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.72%
33) 1,2-Dichloropropane-d6	9.28	67	119371	28.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.28%
37) Toluene-d8	10.33	98	274335	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.76%
38) trans-1,3-Dichloropropene-	10.58	79	46304	24.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.12%
39) 2-Hexanone-d5	10.93	63	57770	50.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.94%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	120703	25.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.64%
61) 1,2-Dichlorobenzene-d4	13.87	152	95767	28.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.96%

Target Compounds

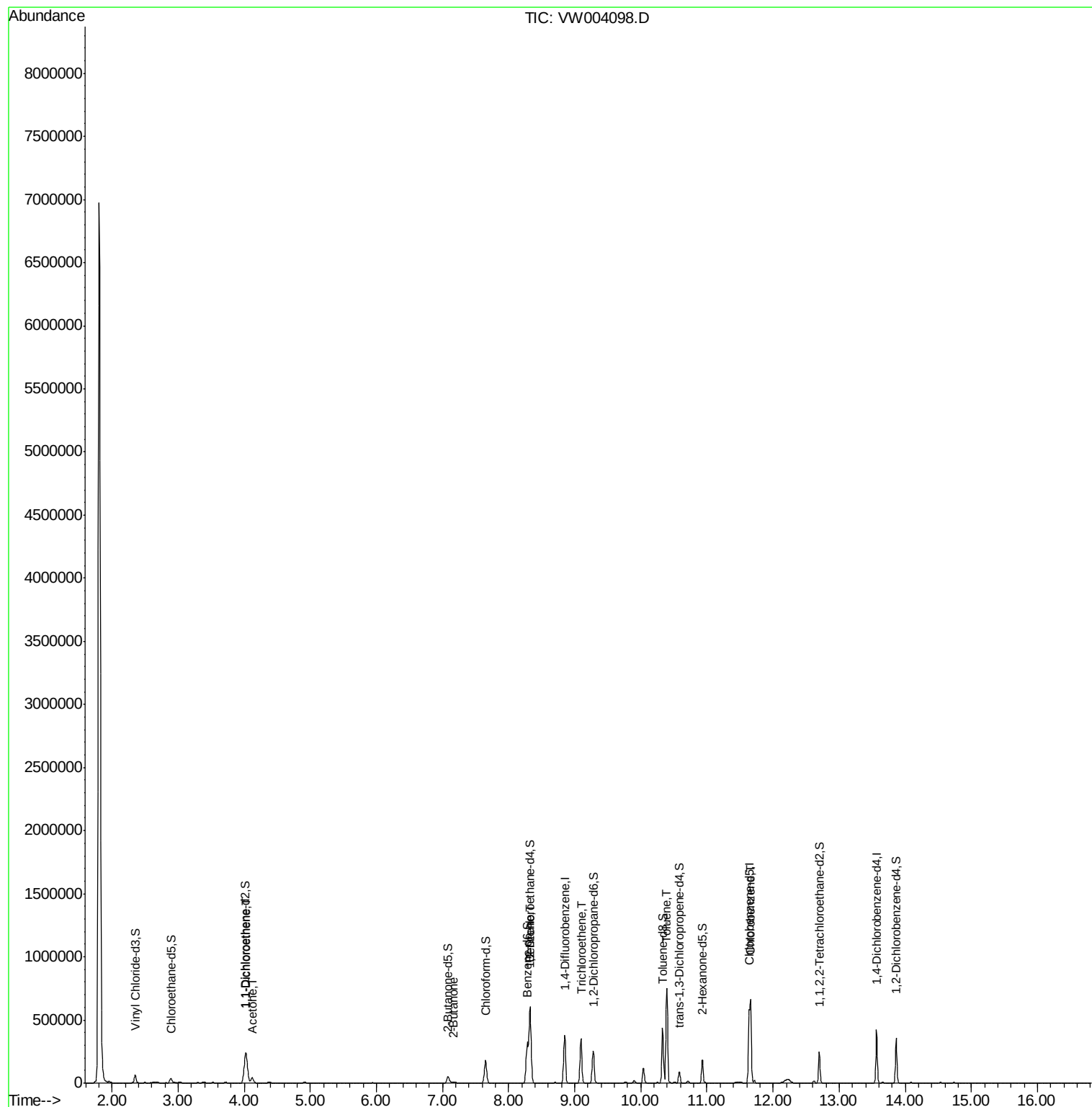
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	107805	26.615	ug/L	92
13) Acetone	4.12	43	69981	36.470	ug/L	99
21) 2-Butanone	7.18	43	11875	4.988	ug/L	93
34) Benzene	8.33	78	517423	30.710	ug/L	100
35) Trichloroethene	9.10	95	127866	28.364	ug/L	99
44) Toluene	10.39	91	545266	30.884	ug/L	99
52) Chlorobenzene	11.66	112	316916	27.996	ug/L	97

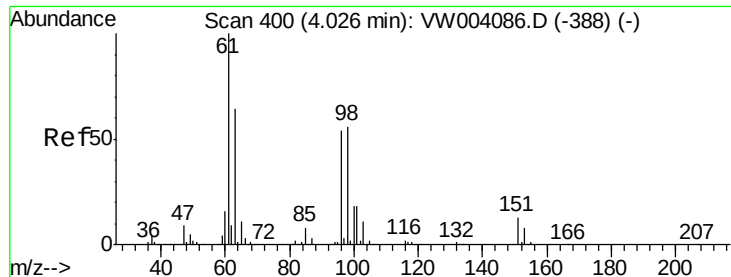
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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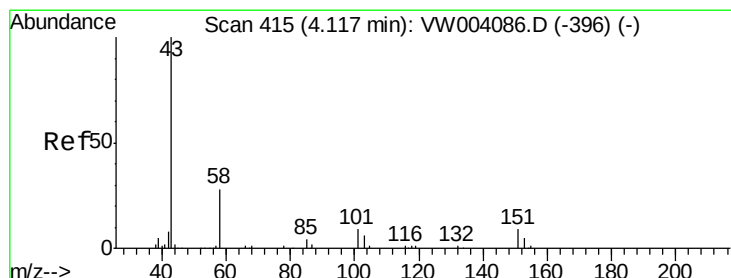
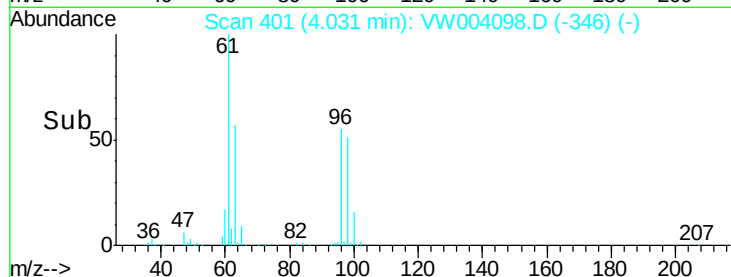
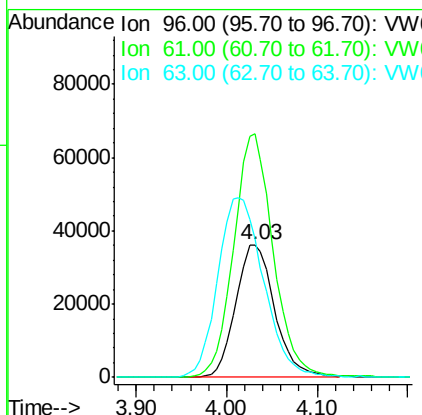
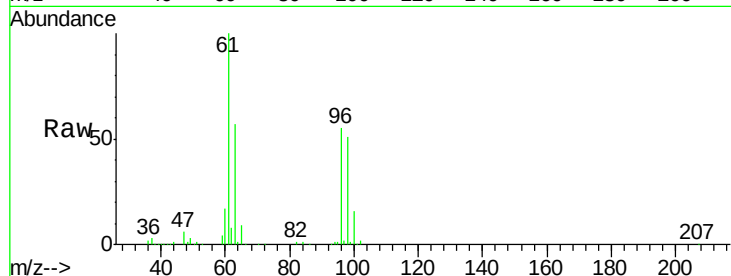




#12
 1,1-Dichloroethene
 Concen: 26.615 ug/L
 RT: 4.03 min Scan# 401
 Delta R.T. 0.01 min
 Lab File: VW004098.D
 Acq: 21 Jul 2018 02:40

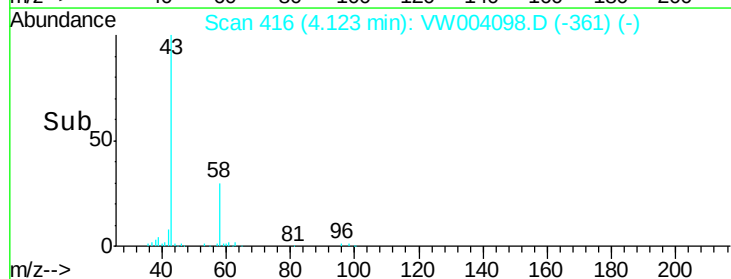
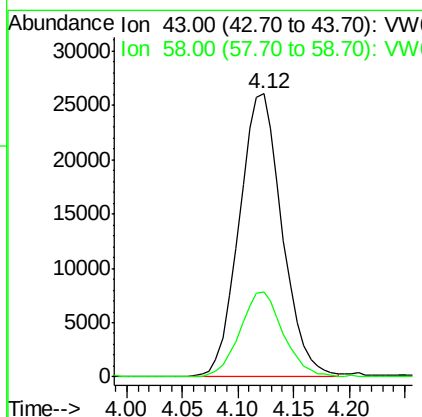
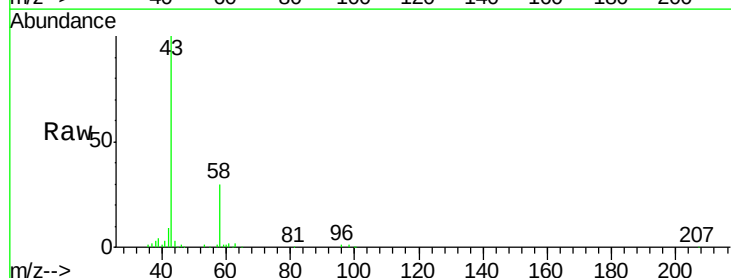
Instrument :
 MSVOA_W
 ClientSampleId :
 DB1M5MSD

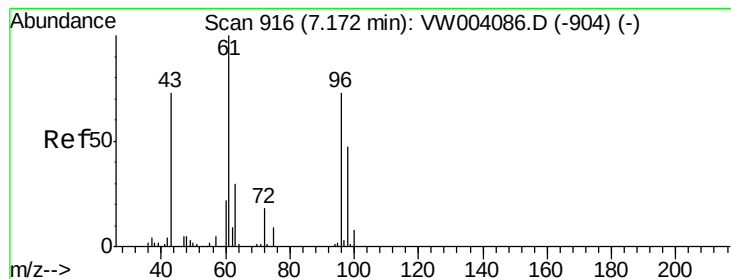
Tgt Ion: 96 Resp: 107805
 Ion Ratio Lower Upper
 96 100
 61 183.3 127.3 236.5
 63 104.5 88.5 164.4



#13
 Acetone
 Concen: 36.470 ug/L
 RT: 4.12 min Scan# 416
 Delta R.T. 0.01 min
 Lab File: VW004098.D
 Acq: 21 Jul 2018 02:40

Tgt Ion: 43 Resp: 69981
 Ion Ratio Lower Upper
 43 100
 58 30.1 0.0 59.4





#21

2-Butanone

Concen: 4.988 ug/L

RT: 7.18 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW004098.D

Acq: 21 Jul 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

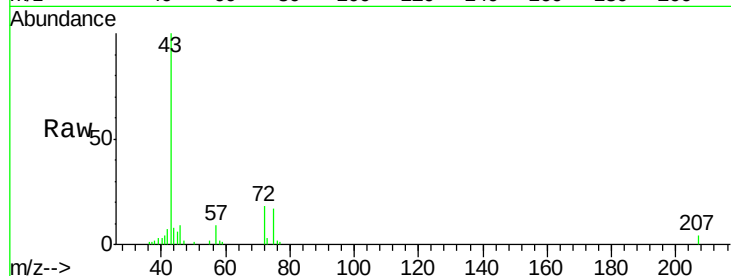
DB1M5MSD

Tgt Ion: 43 Resp: 11875

Ion Ratio Lower Upper

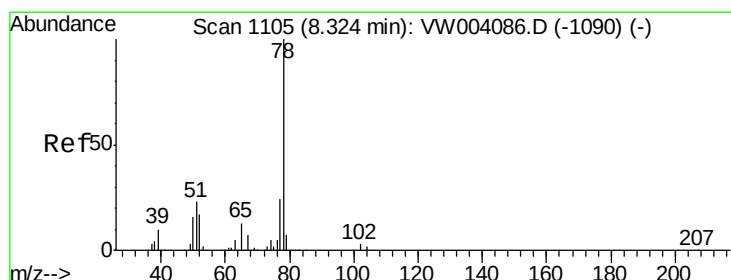
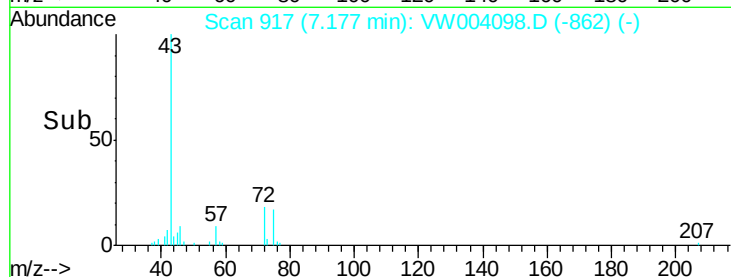
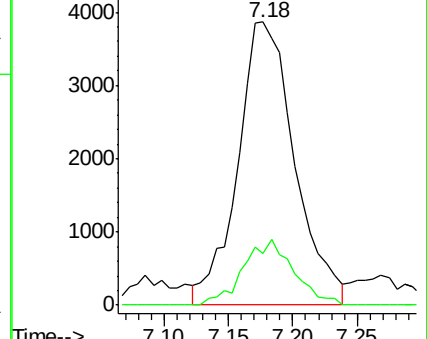
43 100

72 20.5 12.1 36.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#34

Benzene

Concen: 30.710 ug/L

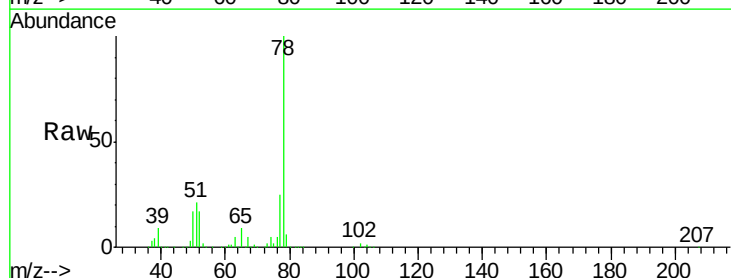
RT: 8.33 min Scan# 1106

Delta R.T. 0.01 min

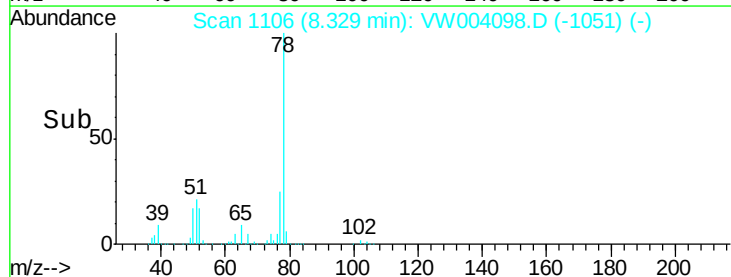
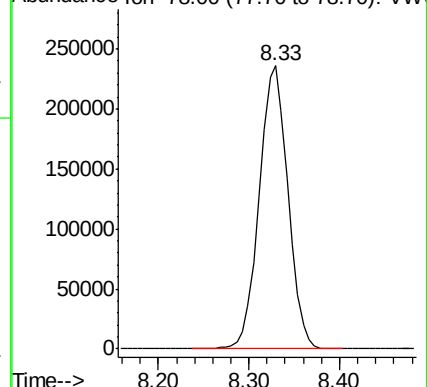
Lab File: VW004098.D

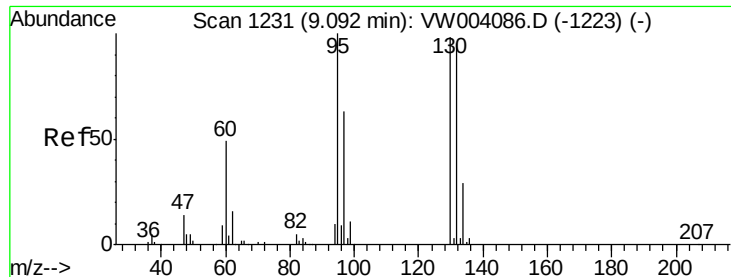
Acq: 21 Jul 2018 02:40

Tgt Ion: 78 Resp: 517423



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 28.364 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW004098.D

Acq: 21 Jul 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

DB1M5MSD

Tgt Ion: 95 Resp: 127866

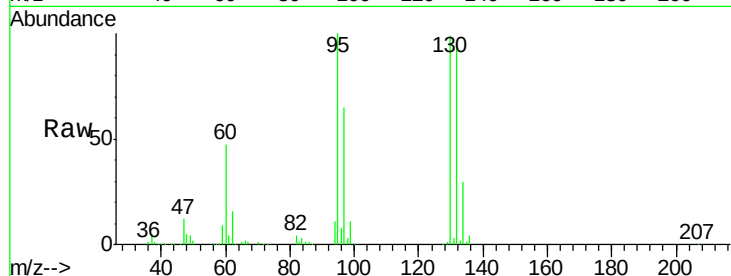
Ion Ratio Lower Upper

95 100

97 63.7 44.7 83.1

132 93.6 66.1 122.7

130 97.1 68.9 127.9

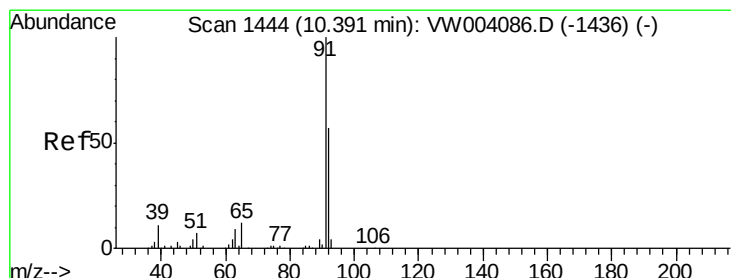
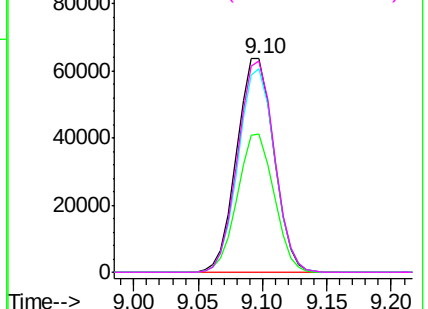
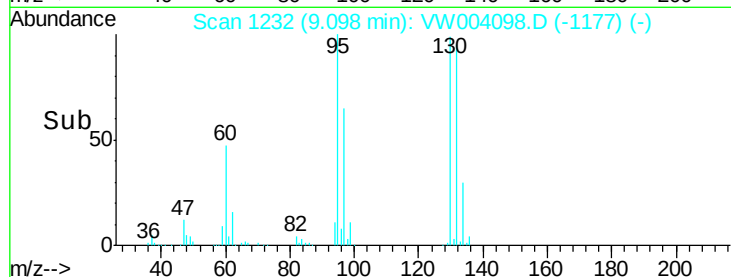


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 30.884 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004098.D

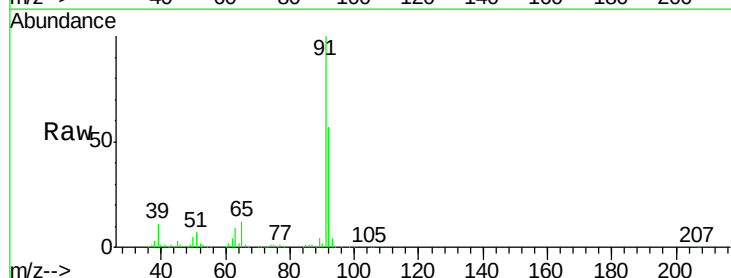
Acq: 21 Jul 2018 02:40

Tgt Ion: 91 Resp: 545266

Ion Ratio Lower Upper

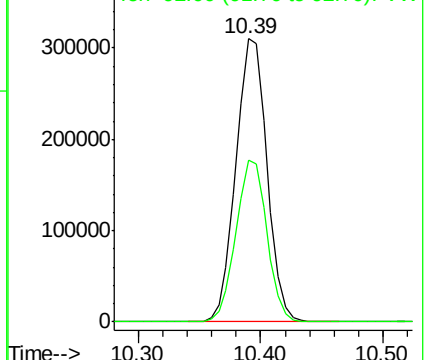
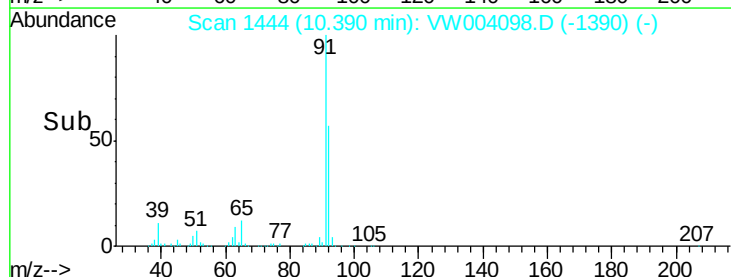
91 100

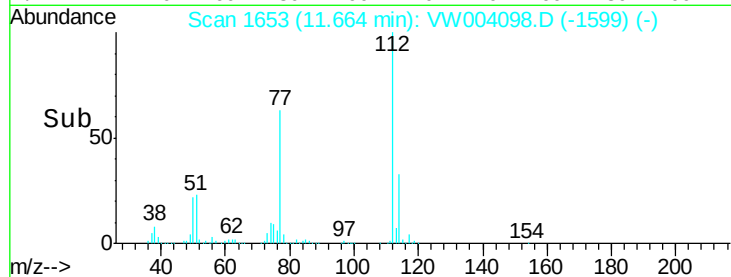
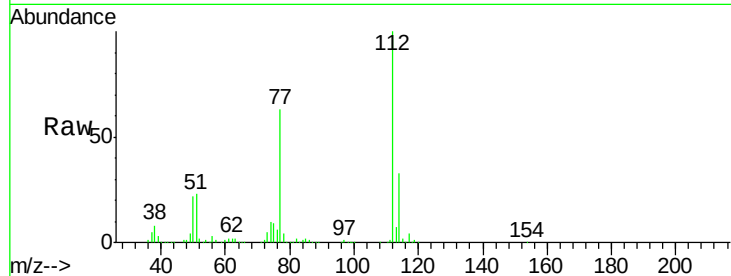
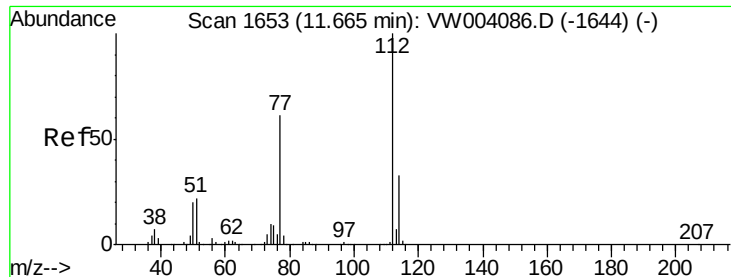
92 57.1 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52

Chlorobenzene

Concen: 27.996 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW004098.D

Acq: 21 Jul 2018 02:40

Instrument :

MSVOA_W

ClientSampleId :

DB1M5MSD

Tgt Ion:112 Resp: 316916

Ion Ratio Lower Upper

112 100

77 62.5 47.7 71.5

114 32.9 22.2 41.2

