

Data File : VW011923.D
Acq On : 15 Aug 2019 12:07
Operator : SY/VA
Sample : K4357-03MSD
Misc : 1.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GANJ6MSD

Quant Time: Aug 16 06:56:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 16 06:53:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	248362	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	188357	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	57740	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54918	15.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.80%
7) Chloroethane-d5	2.89	69	46169	18.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.32%
10) 1,1-Dichloroethene-d2	4.02	63	146827	18.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.24%
20) 2-Butanone-d5	7.07	46	103993	66.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.08%
24) Chloroform-d	7.65	84	131621	19.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	8.31	65	93452	23.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.60%
29) Benzene-d6	8.27	84	253189	21.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.52%
33) 1,2-Dichloropropane-d6	9.27	67	90128	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.28%
37) Toluene-d8	10.32	98	195806	18.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.52%
38) trans-1,3-Dichloropropene-	10.57	79	37046	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.44%
39) 2-Hexanone-d5	10.92	63	64959	72.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.46%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83117	26.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	41754	18.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.08%

Target Compounds

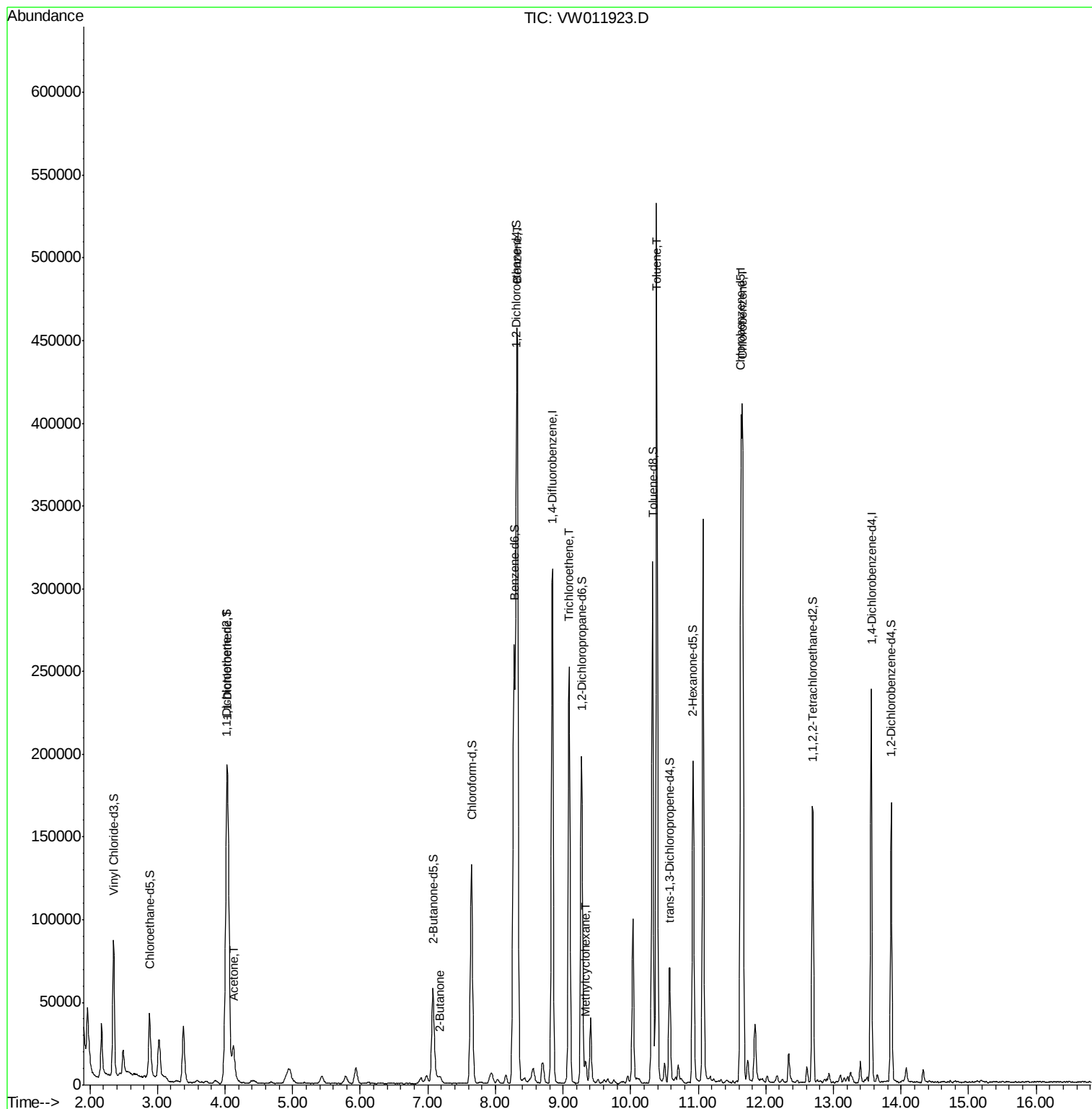
						Qvalue
12) 1,1-Dichloroethene	4.04	96	81035	22.717	ug/L	94
13) Acetone	4.12	43	37761	22.390	ug/L	96
21) 2-Butanone	7.18	43	5876	2.779	ug/L	98
34) Benzene	8.32	78	378796	28.698	ug/L	100
35) Trichloroethene	9.09	95	87468	26.103	ug/L	99
36) Methylcyclohexane	9.34	83	3864	0.636	ug/L #	82
44) Toluene	10.38	91	367252	27.386	ug/L	99
52) Chlorobenzene	11.66	112	185224	22.893	ug/L	98

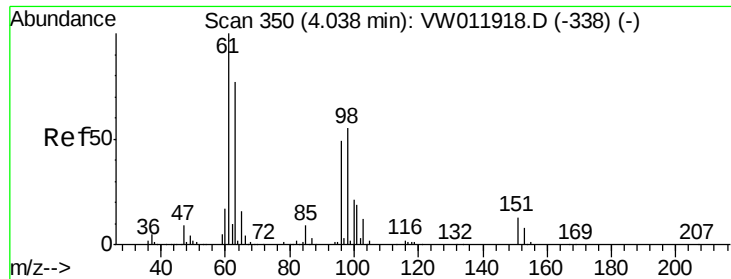
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW011923.D
Acq On : 15 Aug 2019 12:07
Operator : SY/VA
Sample : K4357-03MSD
Misc : 1.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GANJ6MSD

Quant Time: Aug 16 06:56:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 16 06:53:44 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 22.717 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW011923.D

Acq: 15 Aug 2019 12:07

Instrument :

MSVOA_W

ClientSampled :

GANJ6MSD

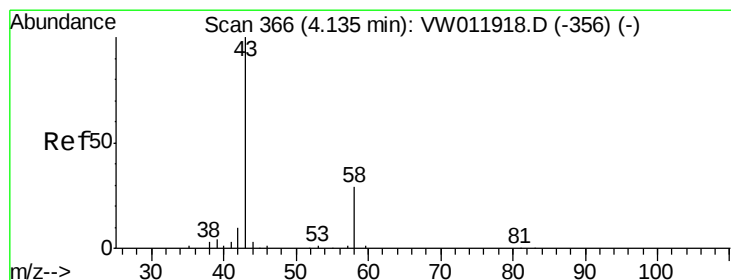
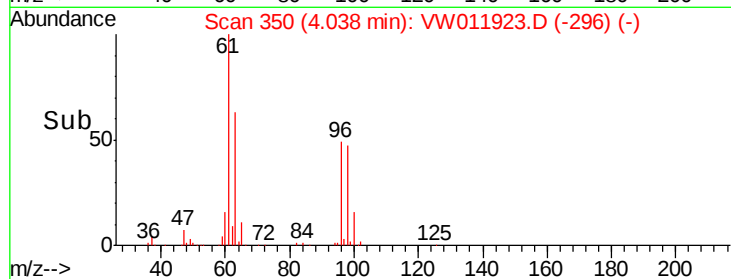
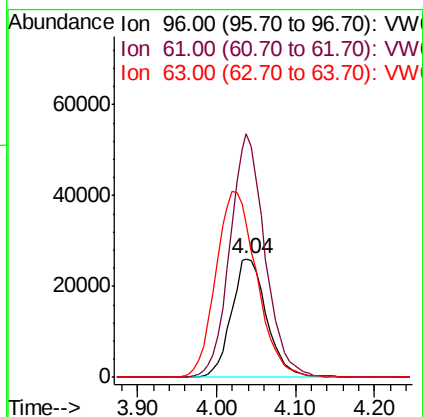
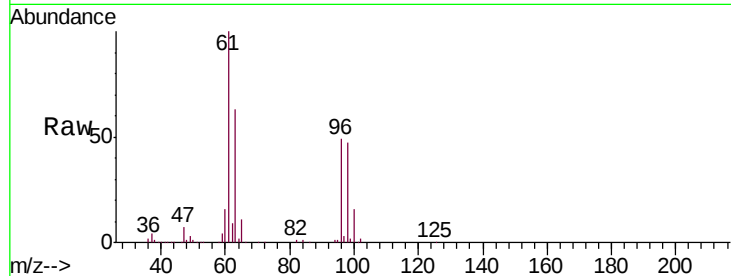
Tgt Ion: 96 Resp: 81035

Ion Ratio Lower Upper

96 100

61 205.8 135.0 250.8

63 129.8 89.2 165.8



#13

Acetone

Concen: 22.390 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW011923.D

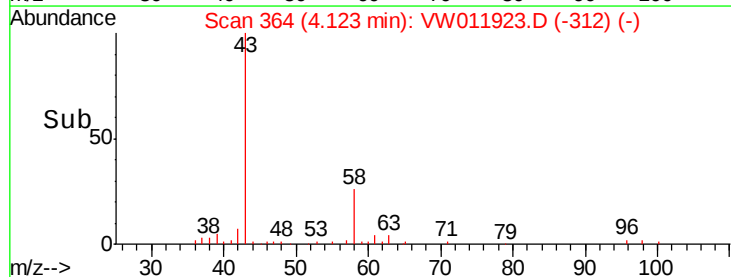
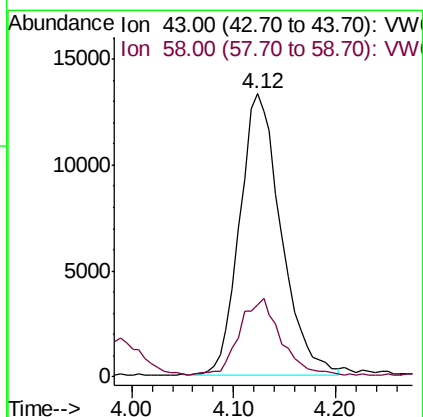
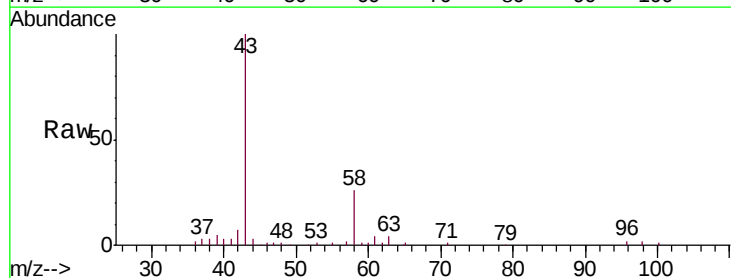
Acq: 15 Aug 2019 12:07

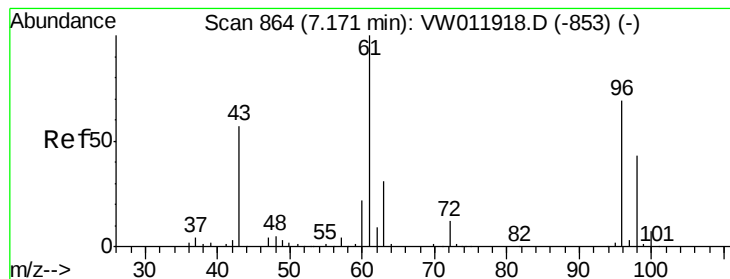
Tgt Ion: 43 Resp: 37761

Ion Ratio Lower Upper

43 100

58 28.9 0.0 53.4





#21

2-Butanone

Concen: 2.779 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011923.D

Acq: 15 Aug 2019 12:07

Instrument :

MSVOA_W

ClientSampleId :

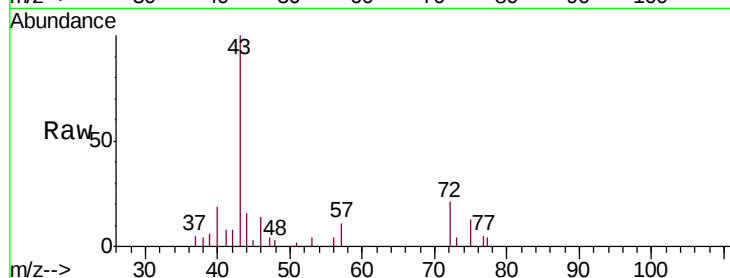
GANJ6MSD

Tgt Ion: 43 Resp: 5876

Ion Ratio Lower Upper

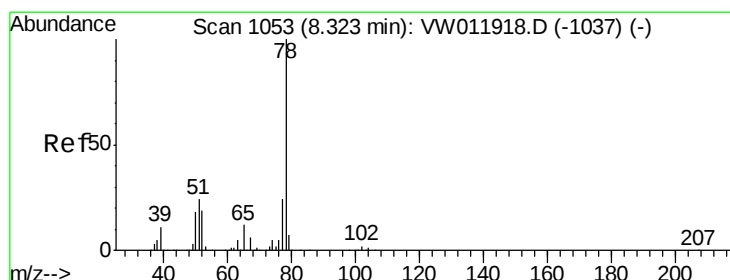
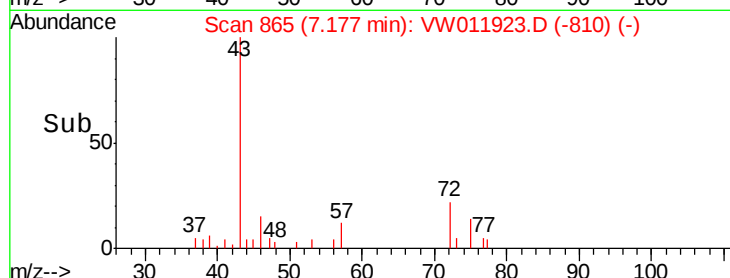
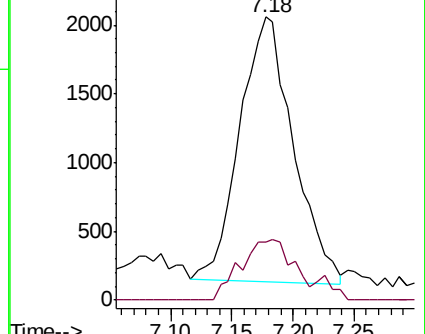
43 100

72 22.3 10.7 32.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#34

Benzene

Concen: 28.698 ug/L

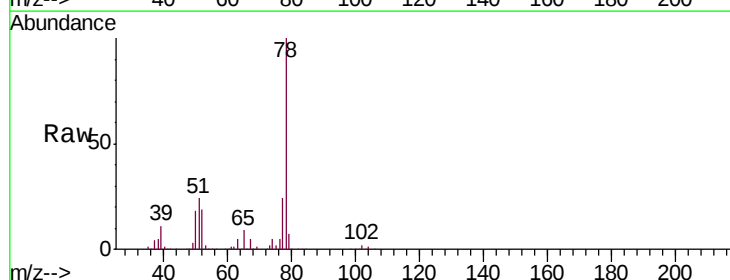
RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW011923.D

Acq: 15 Aug 2019 12:07

Tgt Ion: 78 Resp: 378796



Abundance Ion 78.00 (77.70 to 78.70): VW

200000

150000

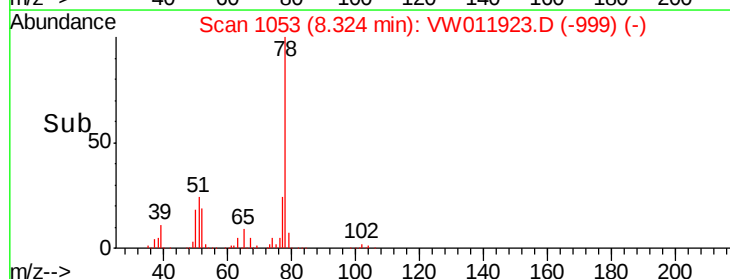
100000

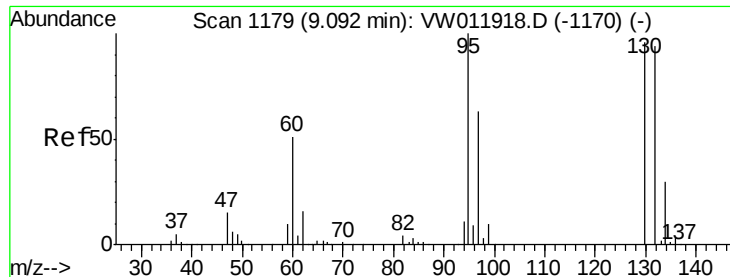
50000

0

Time-->

8.20 8.30 8.40





#35

Trichloroethene

Concen: 26.103 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011923.D

Acq: 15 Aug 2019 12:07

Instrument :

MSVOA_W

ClientSampleId :

GANJ6MSD

Tgt Ion: 95 Resp: 87468

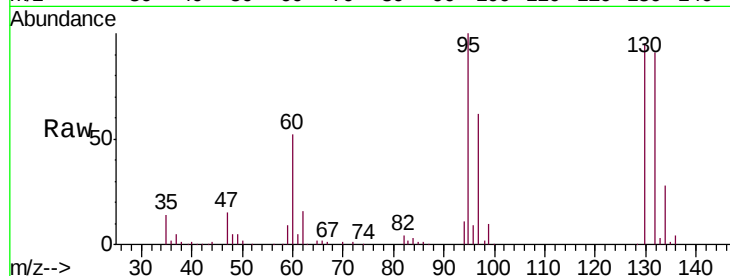
Ion Ratio Lower Upper

95 100

97 62.3 44.8 83.2

132 91.8 65.0 120.6

130 96.2 68.0 126.4

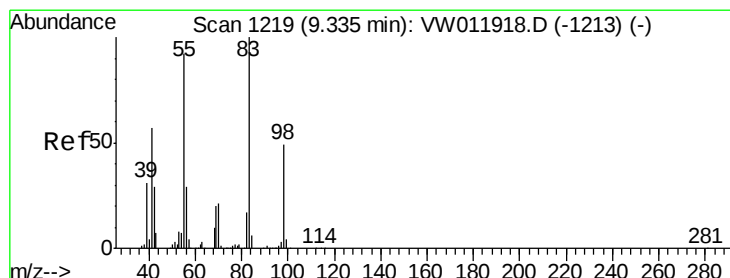
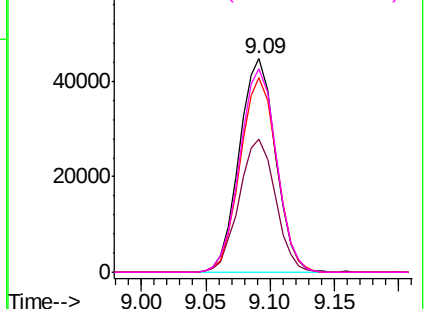
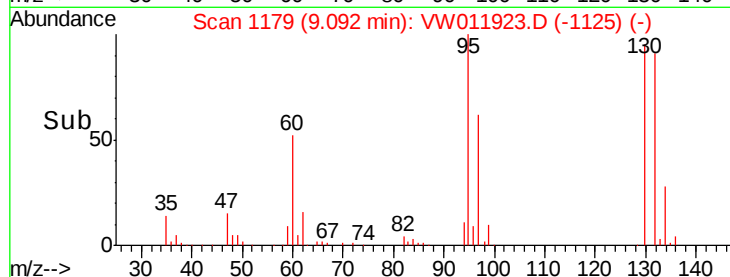


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 0.636 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW011923.D

Acq: 15 Aug 2019 12:07

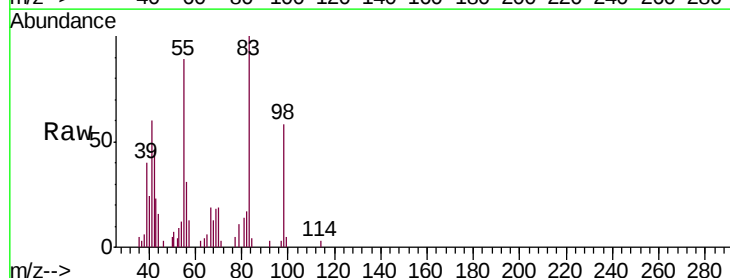
Tgt Ion: 83 Resp: 3864

Ion Ratio Lower Upper

83 100

55 112.1 72.6 108.8#

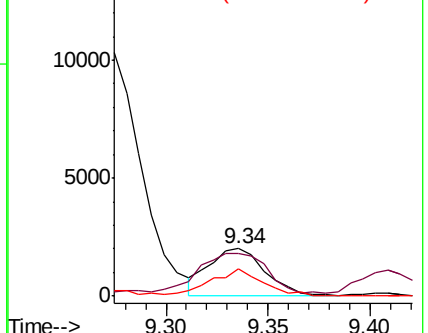
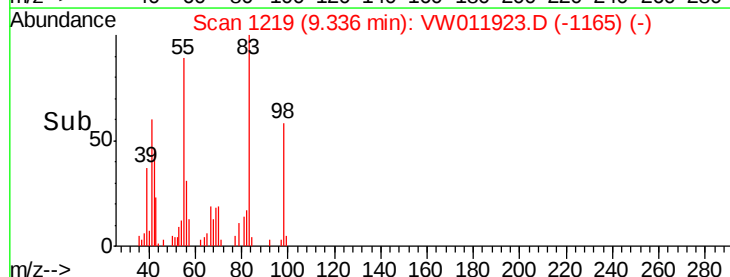
98 52.5 37.8 56.6

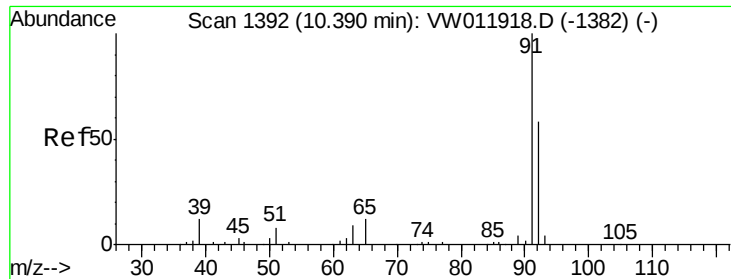


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#44

Toluene

Concen: 27.386 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW011923.D

Acq: 15 Aug 2019 12:07

Instrument :

MSVOA_W

ClientSampleId :

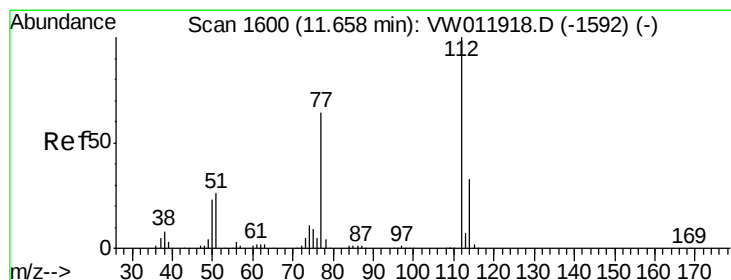
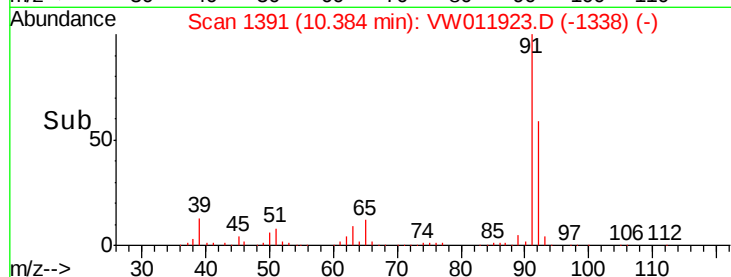
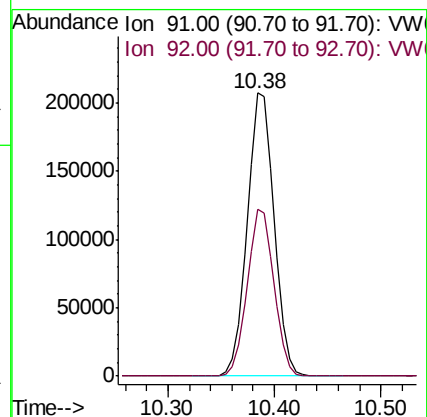
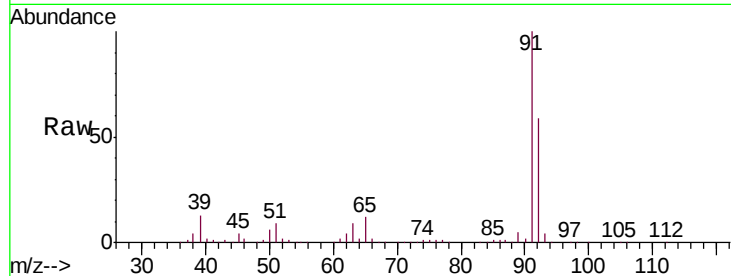
GANJ6MSD

Tgt Ion: 91 Resp: 367252

Ion Ratio Lower Upper

91 100

92 59.2 40.9 76.0



#52

Chlorobenzene

Concen: 22.893 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW011923.D

Acq: 15 Aug 2019 12:07

Tgt Ion: 112 Resp: 185224

Ion Ratio Lower Upper

112 100

77 65.5 51.0 76.4

114 32.0 22.4 41.6

