

Data File : VW011117.D
Acq On : 02 Jul 2019 20:19
Operator : SY/VA
Sample : K3599-19MS
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAM27MS

Quant Time: Jul 03 05:54:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 05:51:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	242409	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223692	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	102824	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	61986	16.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.00%
7) Chloroethane-d5	2.89	69	47126	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.60%
10) 1,1-Dichloroethene-d2	4.03	63	151860	19.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.48%
20) 2-Butanone-d5	7.07	46	65762	45.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.20%
24) Chloroform-d	7.65	84	136403	20.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.12%
26) 1,2-Dichloroethane-d4	8.31	65	89243	21.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.24%
29) Benzene-d6	8.27	84	274196	19.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.60%
33) 1,2-Dichloropropane-d6	9.27	67	94291	21.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.04%
37) Toluene-d8	10.32	98	243041	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.16%
38) trans-1,3-Dichloropropene-	10.58	79	34797	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.96%
39) 2-Hexanone-d5	10.93	63	40078	38.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80978	21.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	86143	21.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.32%

Target Compounds

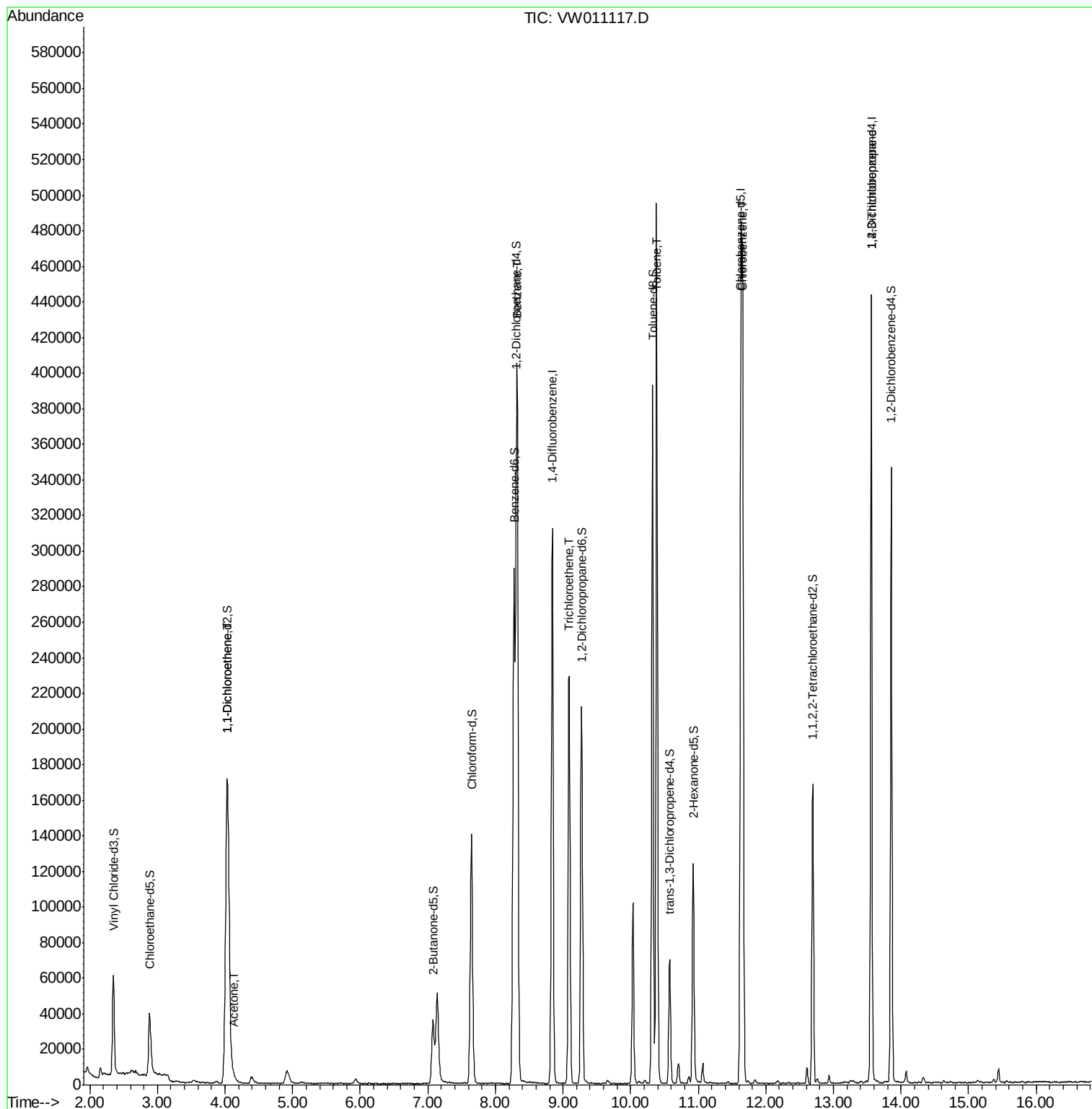
						Qvalue
12) 1,1-Dichloroethene	4.04	96	70222	22.044	ug/L	84
13) Acetone	4.13	43	4673	3.281	ug/L	77
34) Benzene	8.32	78	324097	23.182	ug/L	100
35) Trichloroethene	9.09	95	80307	22.763	ug/L	100
44) Toluene	10.38	91	340564	23.535	ug/L	100
52) Chlorobenzene	11.66	112	208603	23.596	ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	14306	5.278	ug/L	90

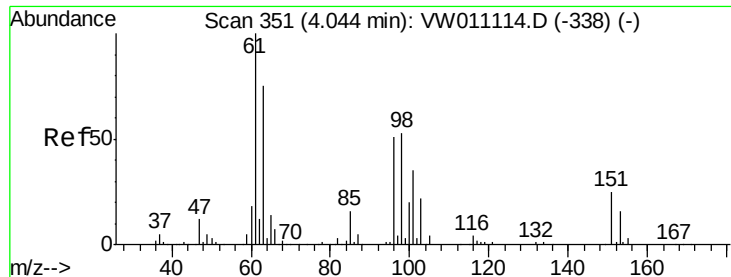
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 22.044 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

GAM27MS

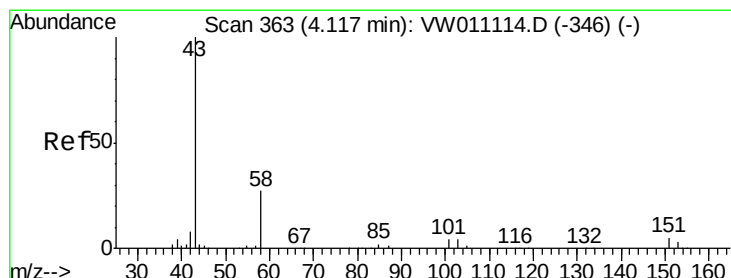
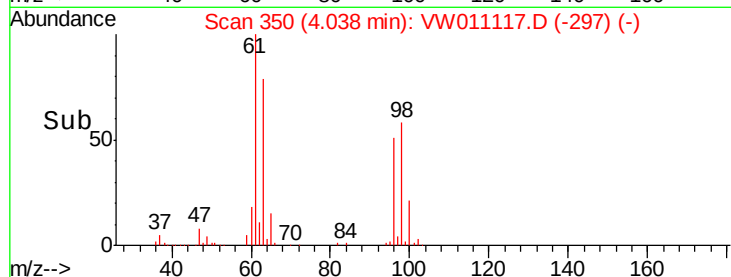
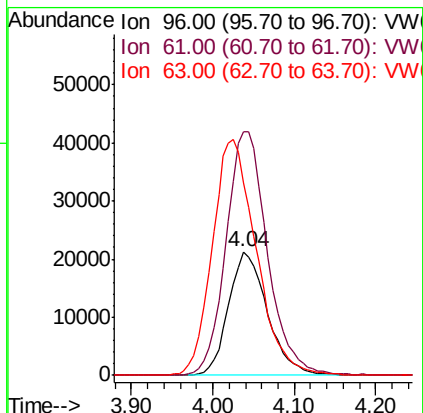
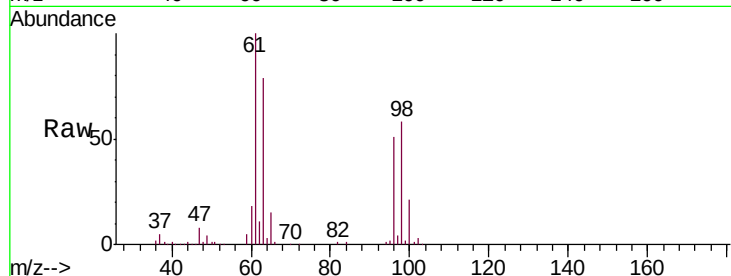
Tgt Ion: 96 Resp: 70222

Ion Ratio Lower Upper

96 100

61 196.9 142.2 264.0

63 156.1 138.9 257.9



#13

Acetone

Concen: 3.281 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011117.D

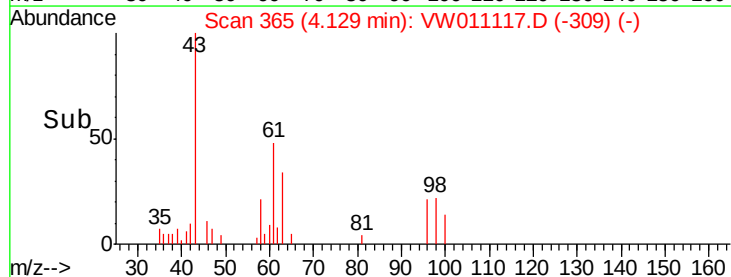
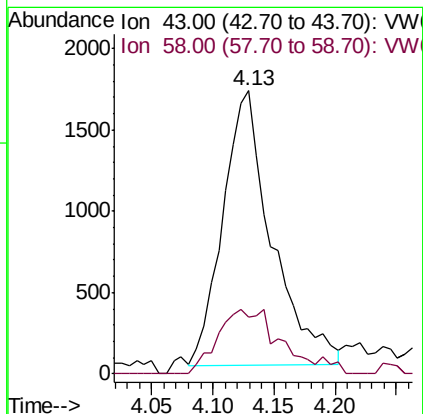
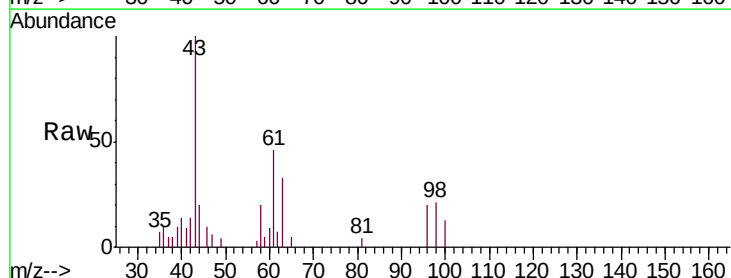
Acq: 02 Jul 2019 20:19

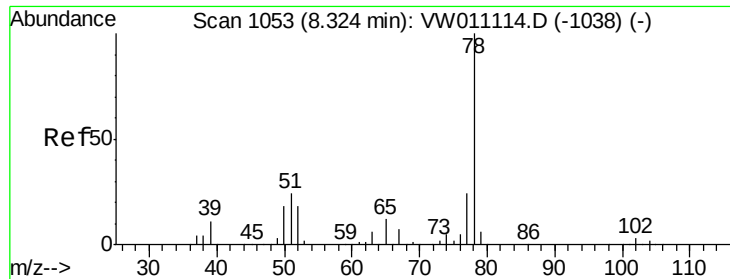
Tgt Ion: 43 Resp: 4673

Ion Ratio Lower Upper

43 100

58 15.6 0.0 55.0





#34

Benzene

Concen: 23.182 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW011117.D

Acq: 02 Jul 2019 20:19

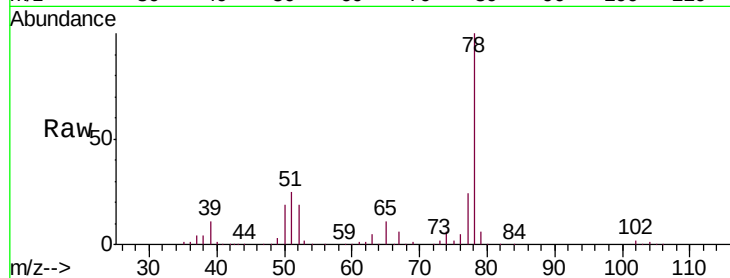
Instrument :

MSVOA_W

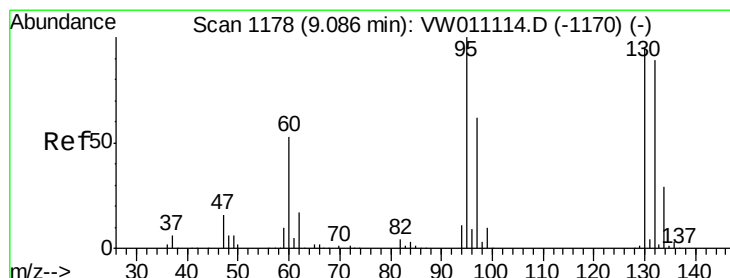
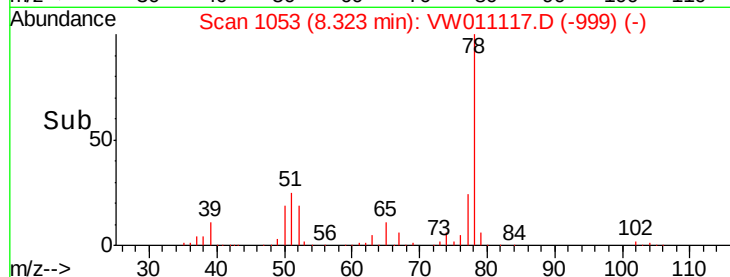
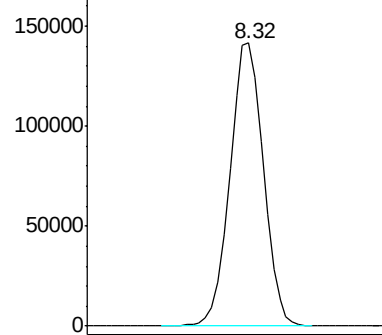
ClientSampled :

GAM27MS

Tgt Ion: 78 Resp: 324097



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 22.763 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW011117.D

Acq: 02 Jul 2019 20:19

Tgt Ion: 95 Resp: 80307

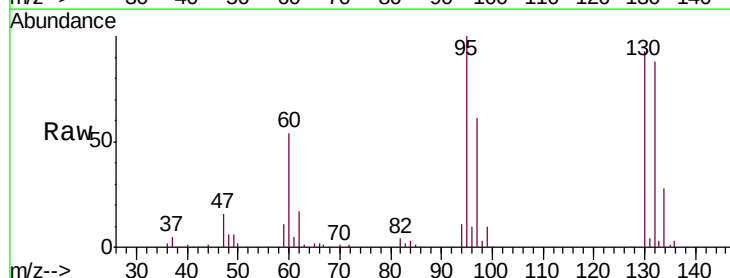
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.4	84.2
132	92.7	65.0	120.8
130	96.3	67.8	126.0

95 100

97 64.8 45.4 84.2

132 92.7 65.0 120.8

130 96.3 67.8 126.0

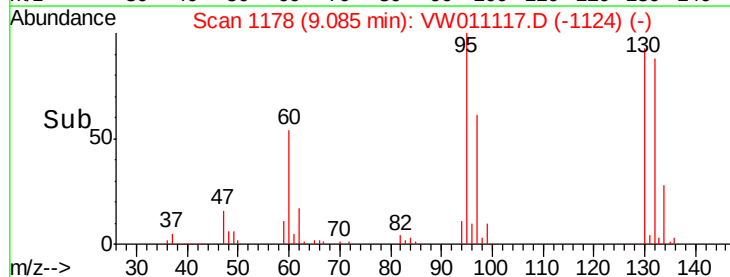
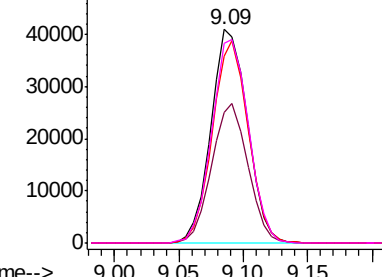


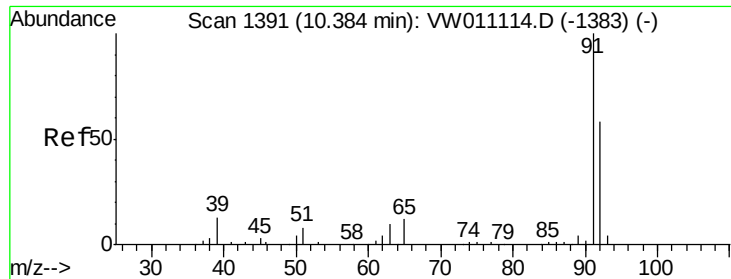
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 23.535 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011117.D

Acq: 02 Jul 2019 20:19

Instrument :

MSVOA_W

ClientSampleId :

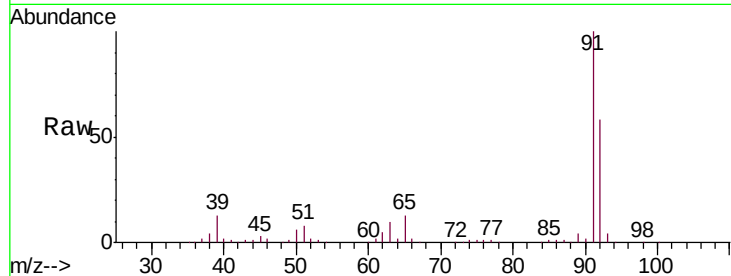
GAM27MS

Tgt Ion: 91 Resp: 340564

Ion Ratio Lower Upper

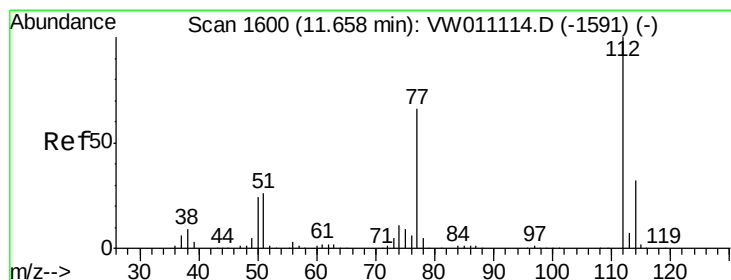
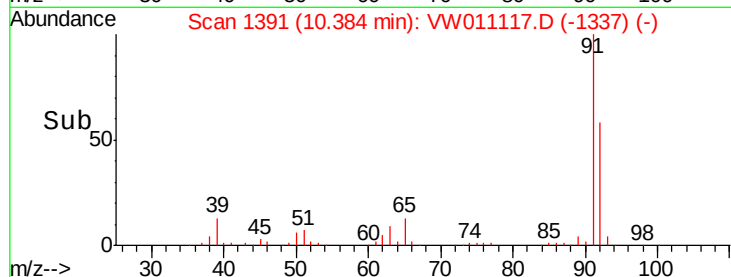
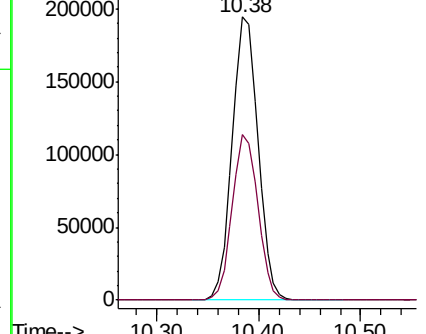
91 100

92 58.5 40.8 75.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#52

Chlorobenzene

Concen: 23.596 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW011117.D

Acq: 02 Jul 2019 20:19

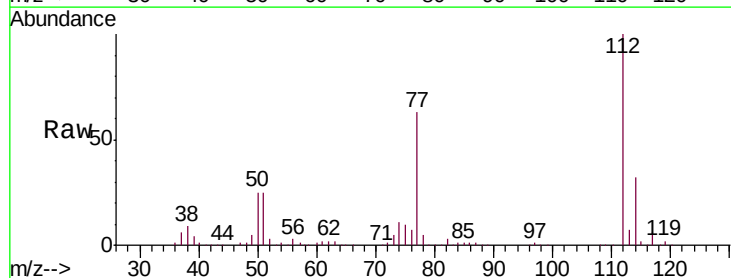
Tgt Ion: 112 Resp: 208603

Ion Ratio Lower Upper

112 100

77 62.8 51.2 76.8

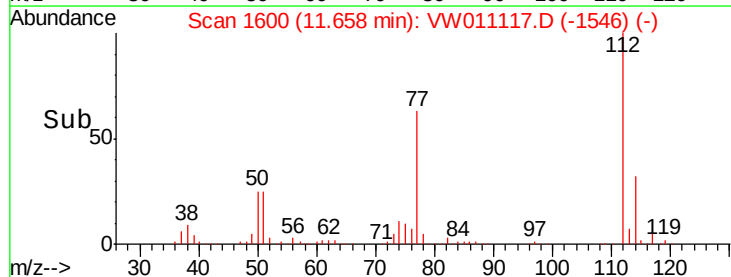
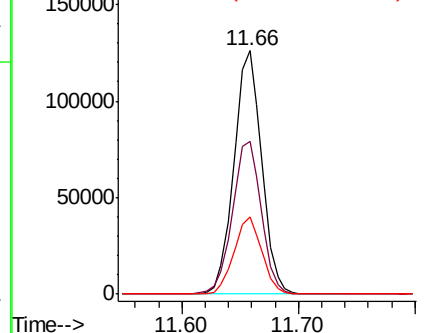
114 31.8 22.0 40.8

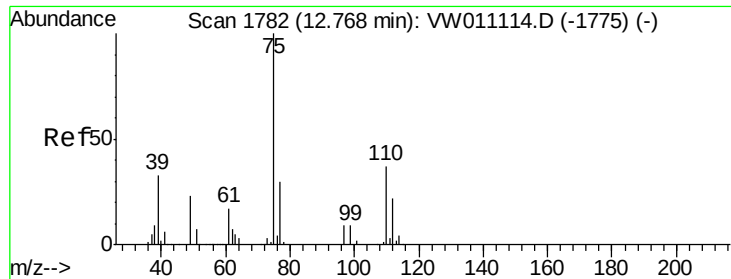


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V





#59

1,2,3-Trichloropropane

Concen: 5.278 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW011117.D

Acq: 02 Jul 2019 20:19

Instrument :

MSVOA_W

ClientSampleId :

GAM27MS

Tgt Ion: 75 Resp: 14306

Ion Ratio Lower Upper

75 100

77 37.1 25.4 38.0

