

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014044.D
 Acq On : 15 Nov 2019 16:39
 Operator : SY/VA
 Sample : K5855-02MS
 Misc : 7.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQF3

Quant Time: Nov 16 05:26:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	265096	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	183442	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	47853	25.00	ug/L	0.00

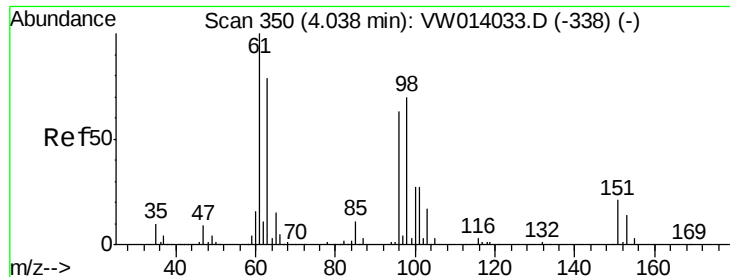
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105644	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.92%
7) Chloroethane-d5	2.89	69	91299	26.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.52%
10) 1,1-Dichloroethene-d2	4.02	63	202062	23.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.12%
20) 2-Butanone-d5	7.07	46	101529	82.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.26%#
24) Chloroform-d	7.65	84	227396	27.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.60%
26) 1,2-Dichloroethane-d4	8.31	65	138040	33.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	134.72%#
29) Benzene-d6	8.27	84	451530	34.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	138.76%#
33) 1,2-Dichloropropane-d6	9.27	67	147740	38.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	155.00%#
37) Toluene-d8	10.32	98	324535	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.16%
38) trans-1,3-Dichloropropene-	10.57	79	62705	38.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	153.60%#
39) 2-Hexanone-d5	10.92	63	84001	116.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	232.36%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116346	40.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	161.64%#
61) 1,2-Dichlorobenzene-d4	13.85	152	52099	27.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.40%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.04	96	100498	22.457 ug/L	96
13) Acetone	4.12	43	20446	16.352 ug/L	59
14) Carbon disulfide	4.39	76	6597	0.518 ug/L #	82
21) 2-Butanone	7.17	43	4256	2.649 ug/L	85
34) Benzene	8.32	78	454121	33.750 ug/L	100
35) Trichloroethene	9.09	95	94357	26.289 ug/L	99
44) Toluene	10.38	91	393539	26.826 ug/L	98
52) Chlorobenzene	11.66	112	204052	22.187 ug/L	98

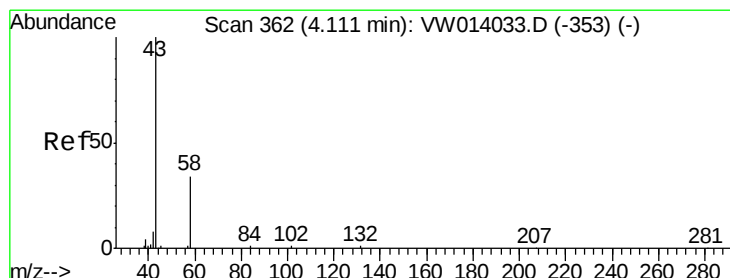
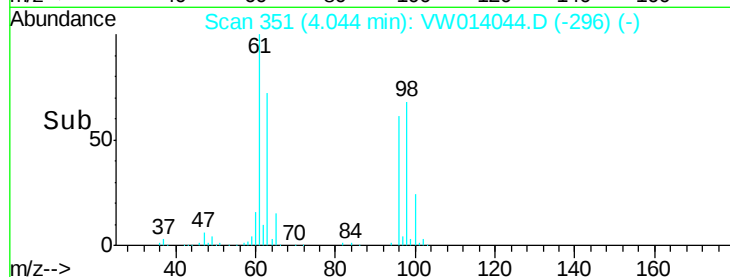
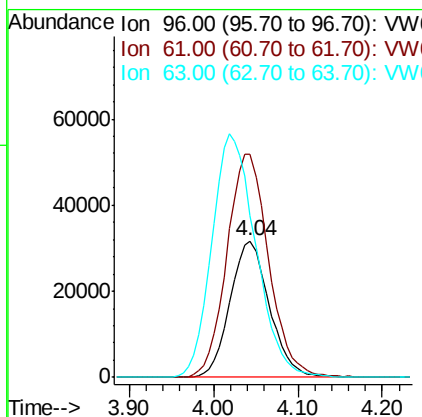
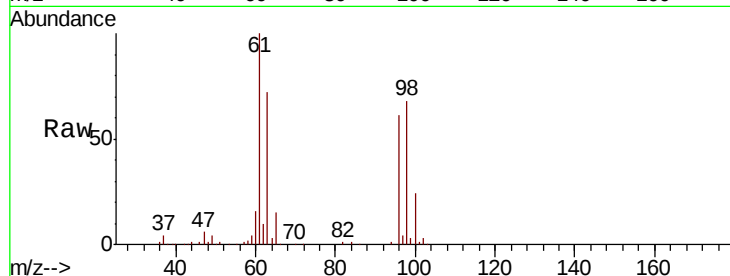
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
 1,1-Dichloroethene
 Concen: 22.457 ug/L
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW014044.D
 Acq: 15 Nov 2019 16:39

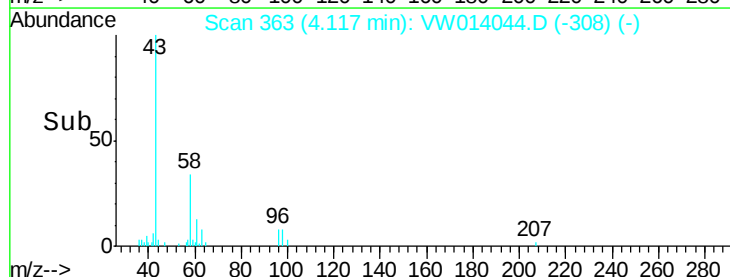
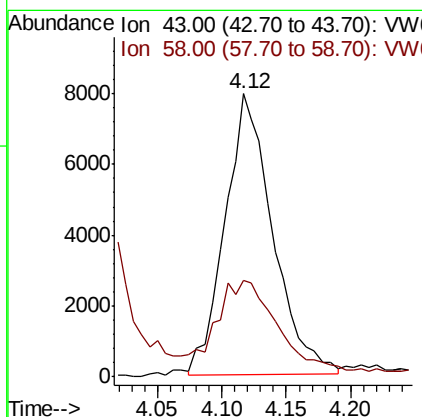
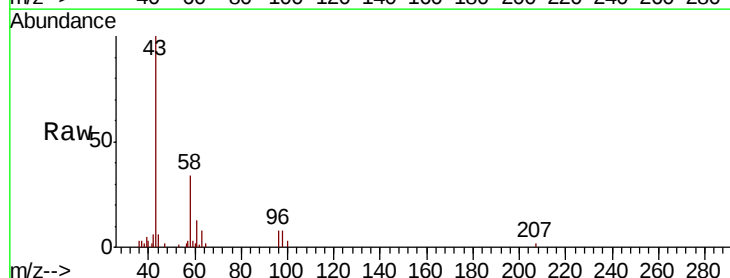
Instrument :
 MSVOA_W
 ClientSampled :
 GAQF3

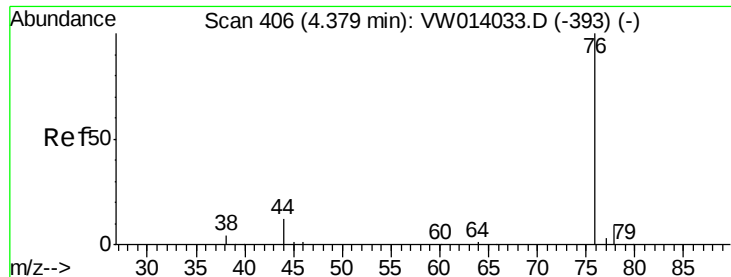
Tot Ion	96	Resp	100498
Ion	Ratio	Lower	Upper
96	100		
61	163.8	109.8	204.0
63	118.4	80.7	149.9



#13
 Acetone
 Concen: 16.352 ug/L
 RT: 4.12 min Scan# 363
 Delta R.T. 0.01 min
 Lab File: VW014044.D
 Acq: 15 Nov 2019 16:39

Tgt Ion	43	Resp	20446
Ion	Ratio	Lower	Upper
43	100		
58	9.6	0.0	65.4





#14

Carbon disulfide

Concen: 0.518 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW014044.D

Acq: 15 Nov 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

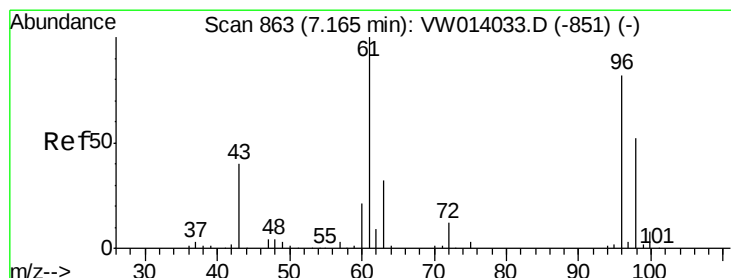
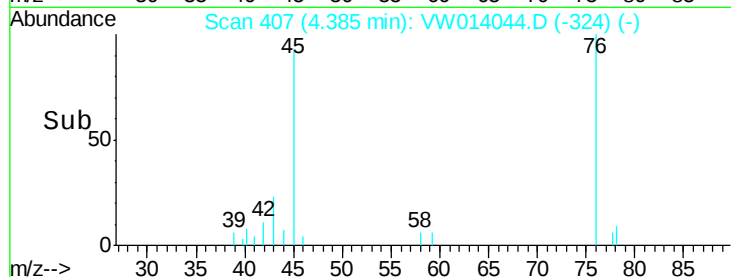
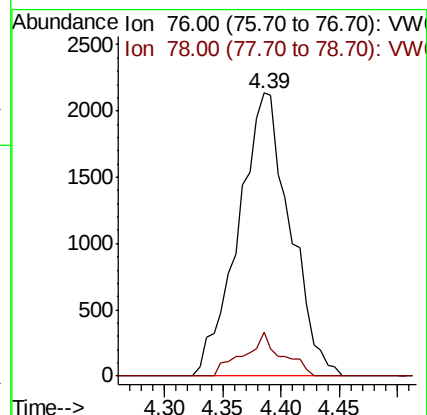
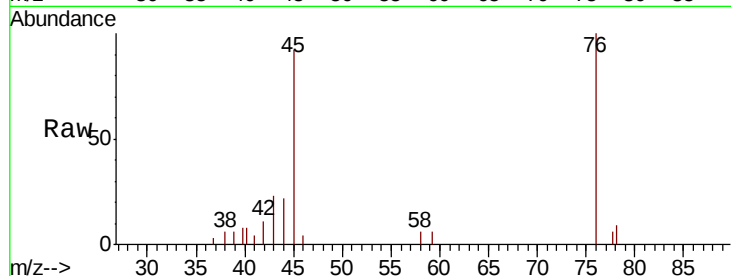
GAQF3

Tot Ion: 76 Resp: 6597

Ion Ratio Lower Upper

76 100

78 15.5 7.2 10.8#



#21

2-Butanone

Concen: 2.649 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014044.D

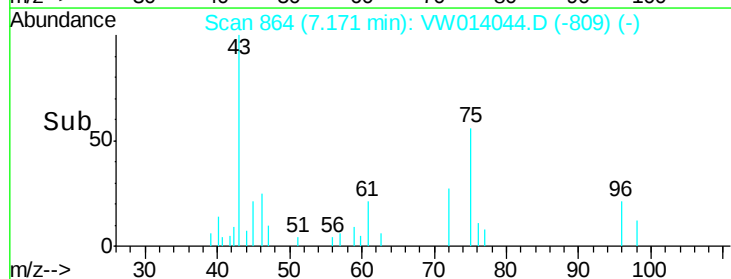
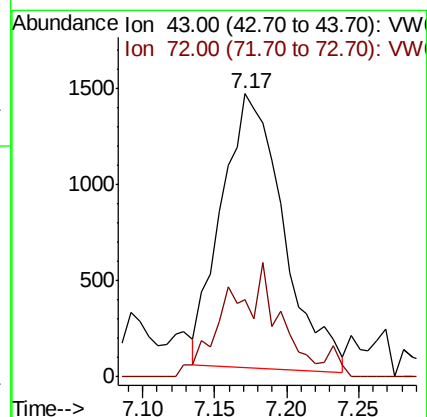
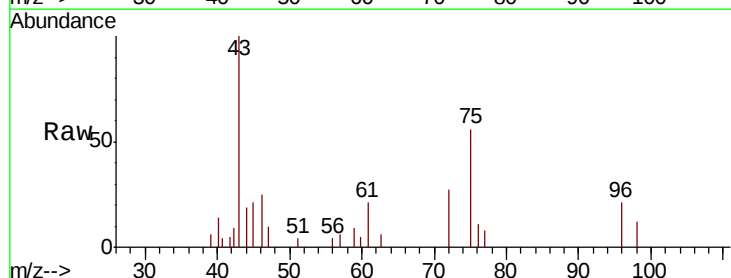
Acq: 15 Nov 2019 16:39

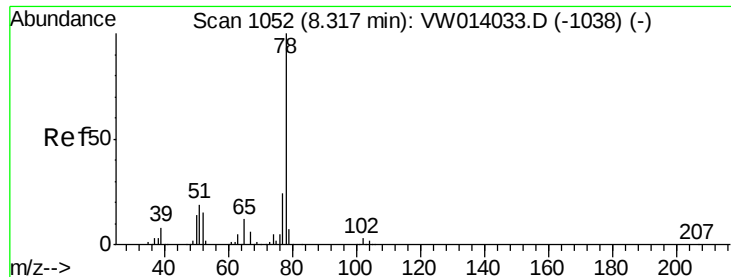
Tgt Ion: 43 Resp: 4256

Ion Ratio Lower Upper

43 100

72 20.0 14.1 42.2





#34

Benzene

Concen: 33.750 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW014044.D

Acq: 15 Nov 2019 16:39

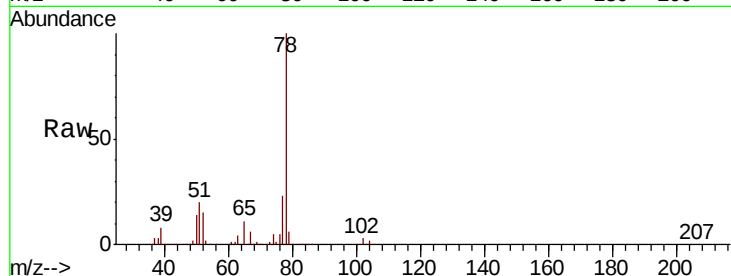
Instrument :

MSVOA_W

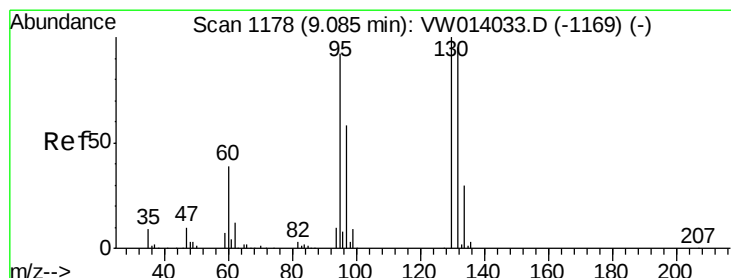
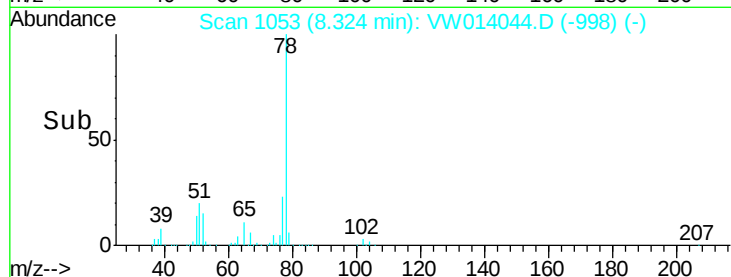
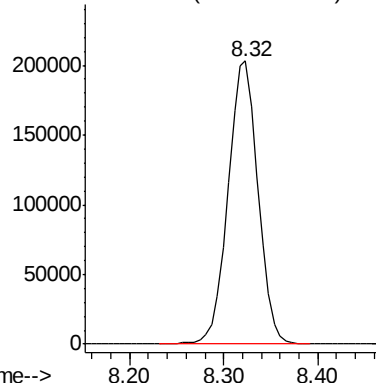
ClientSampleId :

GAQF3

Tgt Ion: 78 Resp: 454121



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 26.289 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW014044.D

Acq: 15 Nov 2019 16:39

Tgt Ion: 95 Resp: 94357

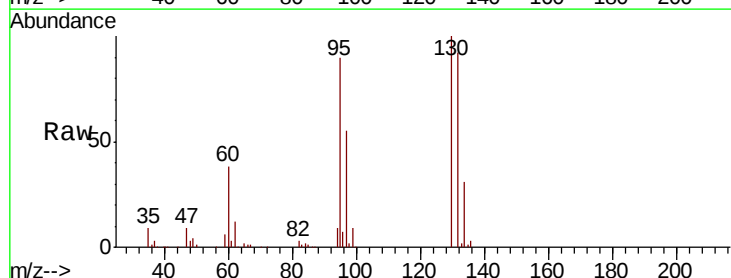
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.1	83.9
132	103.8	73.7	136.9
130	108.4	76.6	142.2

95 100

97 63.9 45.1 83.9

132 103.8 73.7 136.9

130 108.4 76.6 142.2

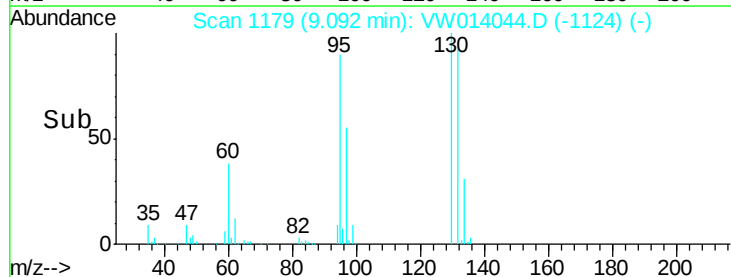
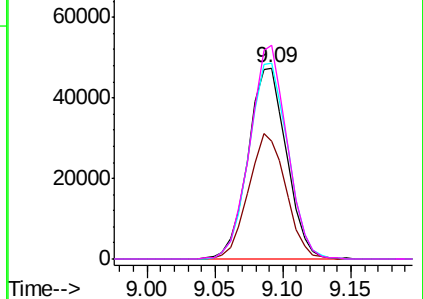


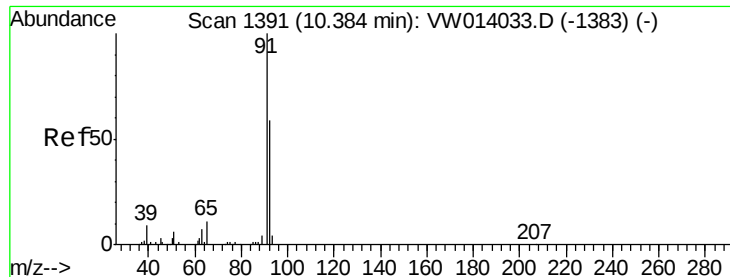
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 26.826 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014044.D

Acq: 15 Nov 2019 16:39

Instrument :

MSVOA_W

ClientSampleId :

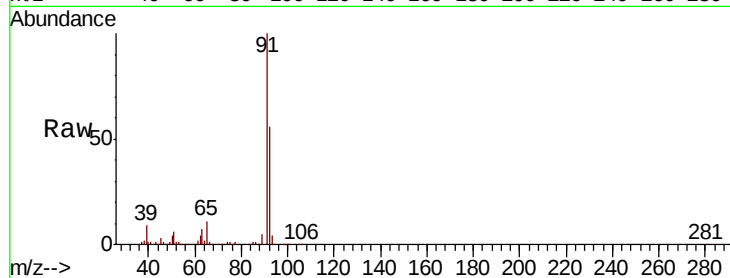
GAQF3

Tot Ion: 91 Resp: 393539

Ion Ratio Lower Upper

91 100

92 56.4 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.38

250000

200000

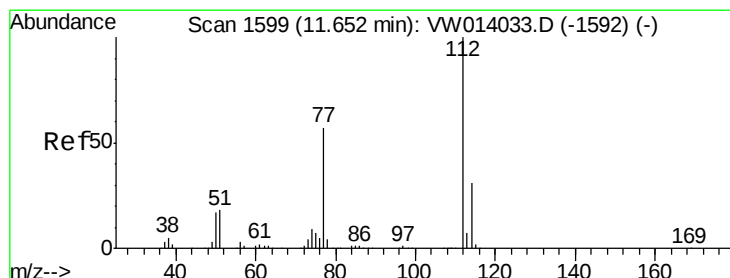
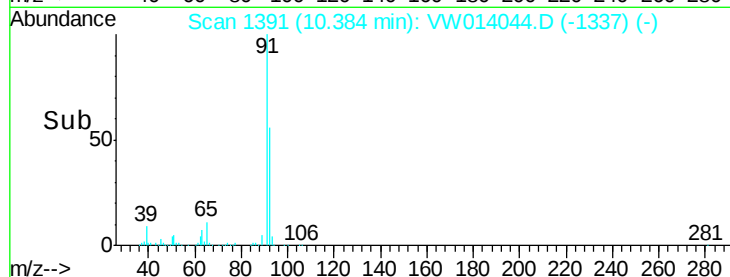
150000

100000

50000

0

Time--> 10.30 10.35 10.40 10.45



#52

Chlorobenzene

Concen: 22.187 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW014044.D

Acq: 15 Nov 2019 16:39

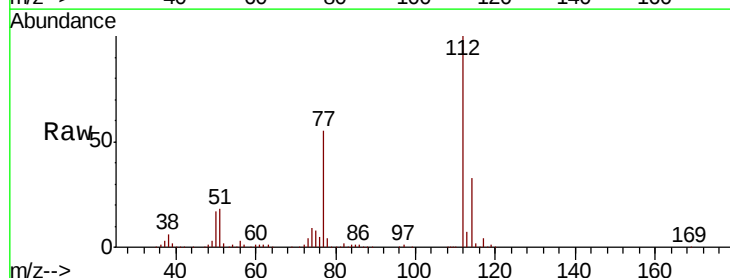
Tgt Ion: 112 Resp: 204052

Ion Ratio Lower Upper

112 100

77 54.8 42.2 63.4

114 32.6 22.5 41.9



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

11.66

150000

100000

50000

0

Time--> 11.60 11.70

