

Data File : VW011556.D
Acq On : 29 Jul 2019 13:28
Operator : SY/VA
Sample : K3979-22MS
Misc : 6.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB940MS

Quant Time: Jul 30 05:59:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 30 05:56:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	457718	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	399264	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181282	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116851	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.48%
7) Chloroethane-d5	2.89	69	86695	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.92%
10) 1,1-Dichloroethene-d2	4.03	63	285592	20.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.52%
20) 2-Butanone-d5	7.07	46	118016	45.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.70%
24) Chloroform-d	7.65	84	251052	21.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.68%
26) 1,2-Dichloroethane-d4	8.31	65	156538	22.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.84%
29) Benzene-d6	8.27	84	513344	21.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.00%
33) 1,2-Dichloropropane-d6	9.27	67	175223	22.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.60%
37) Toluene-d8	10.32	98	451568	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.40%
38) trans-1,3-Dichloropropene-	10.58	79	72493	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.76%
39) 2-Hexanone-d5	10.93	63	78661	46.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140117	22.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	150537	22.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.48%

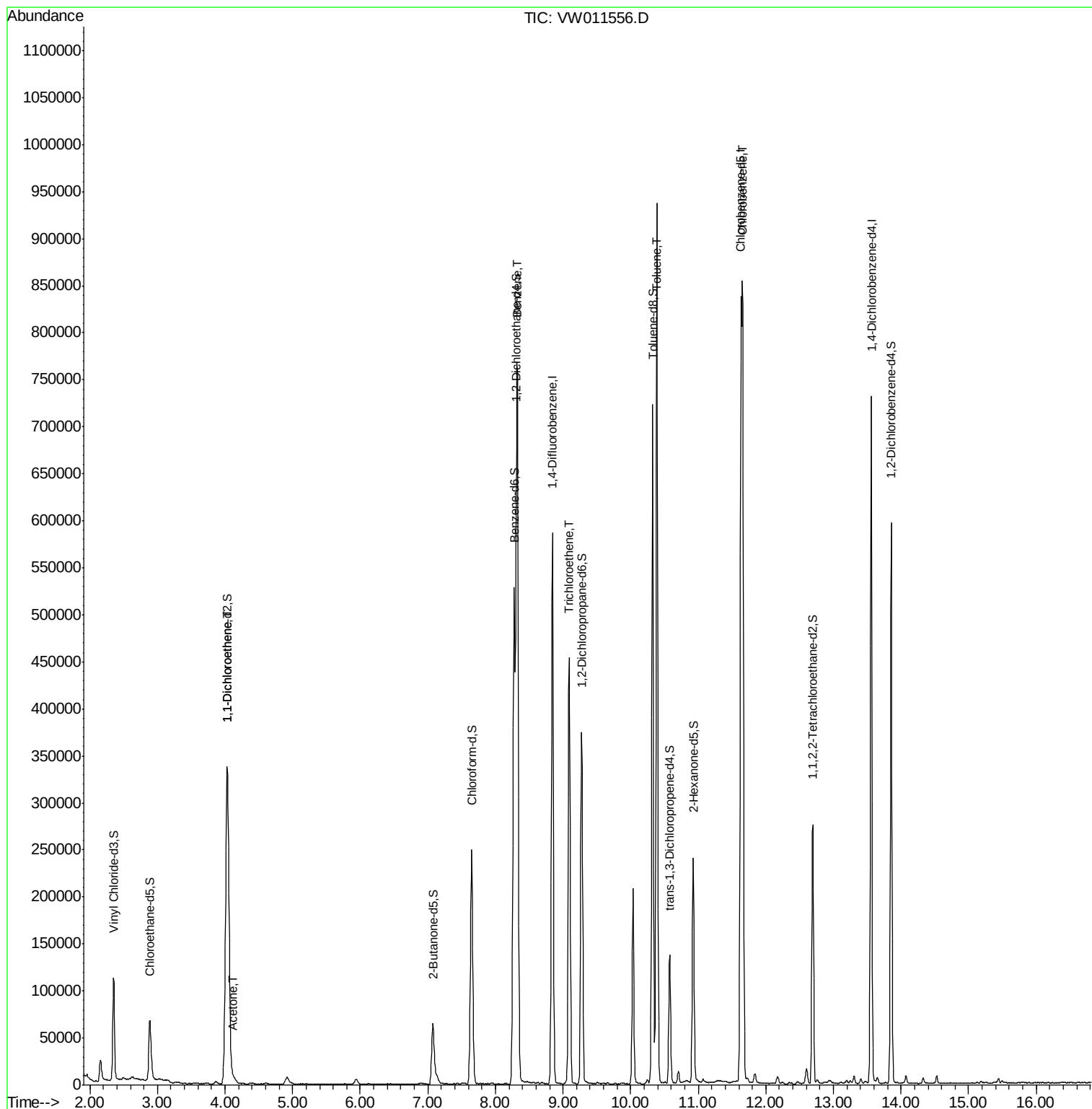
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.04	96	136366	22.430	ug/L	89
13) Acetone	4.12	43	4760	1.729	ug/L	80
34) Benzene	8.32	78	636708	24.566	ug/L	100
35) Trichloroethene	9.09	95	159207	24.169	ug/L	99
44) Toluene	10.39	91	658851	24.784	ug/L	99
52) Chlorobenzene	11.66	112	387750	24.186	ug/L	99

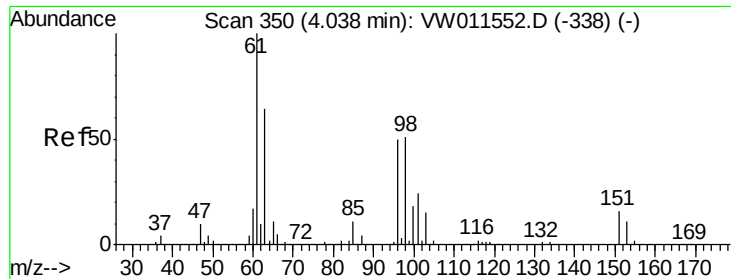
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 22.430 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

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ClientSampleId :

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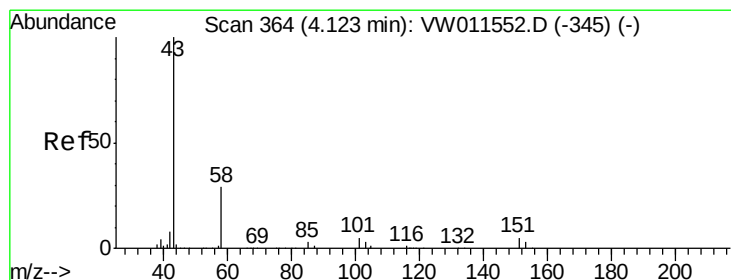
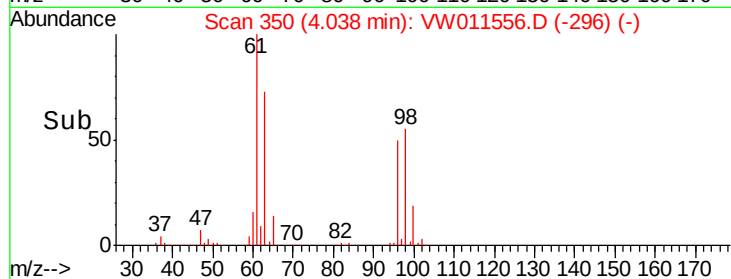
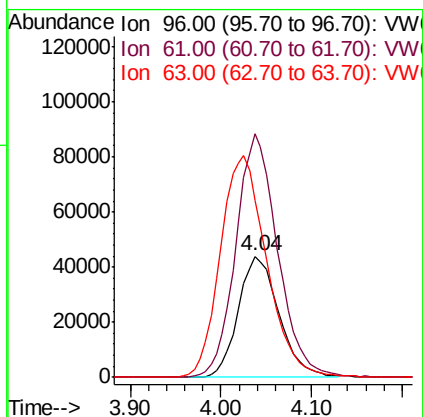
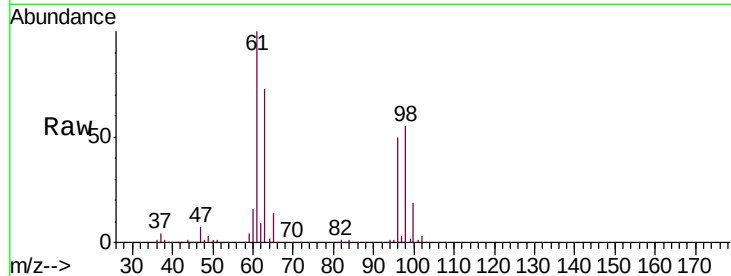
Tgt Ion: 96 Resp: 136366

Ion Ratio Lower Upper

96 100

61 201.4 133.2 247.4

63 147.0 89.9 166.9



#13

Acetone

Concen: 1.729 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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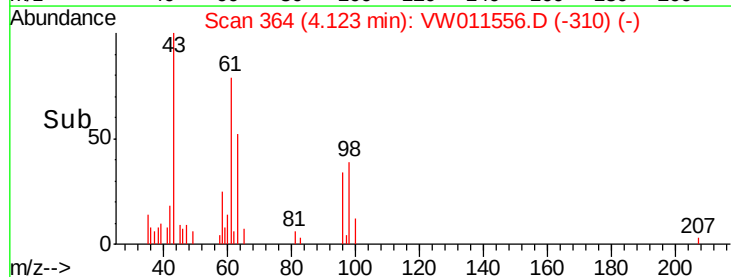
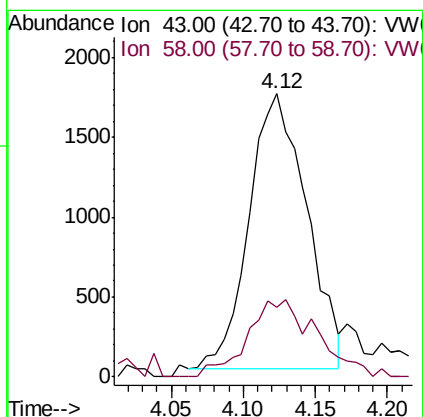
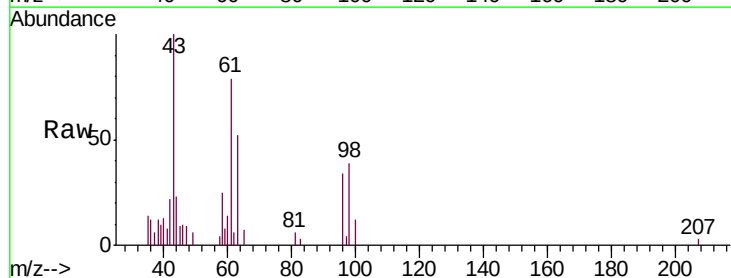
Acq: 29 Jul 2019 13:28

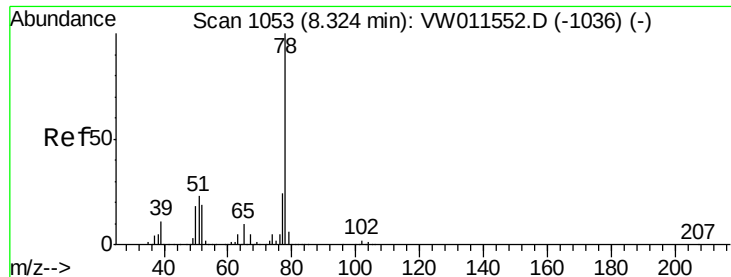
Tgt Ion: 43 Resp: 4760

Ion Ratio Lower Upper

43 100

58 17.8 0.0 57.2





#34

Benzene

Concen: 24.566 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

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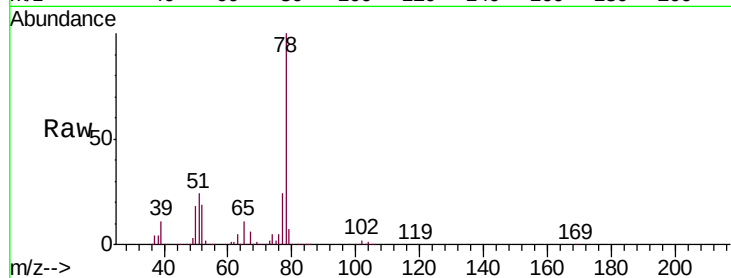
Instrument :

MSVOA_W

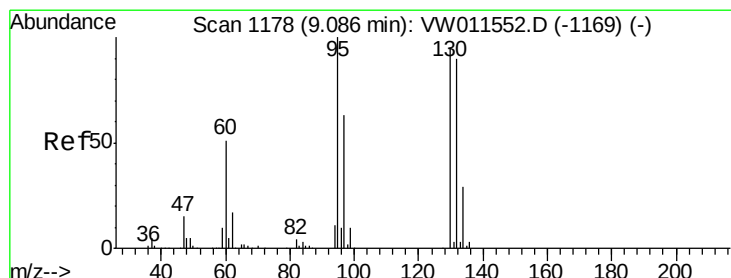
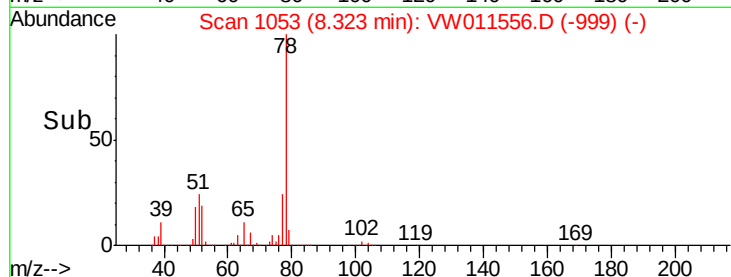
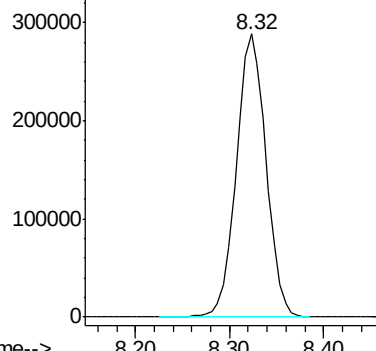
ClientSampleId :

DB940MS

Tgt Ion: 78 Resp: 636708



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 24.169 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 159207

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.6	82.8
132	92.4	66.0	122.6
130	96.3	68.4	127.0

95 100

97 64.1 44.6 82.8

132 92.4 66.0 122.6

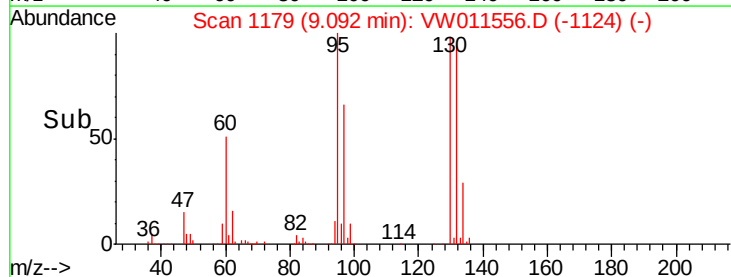
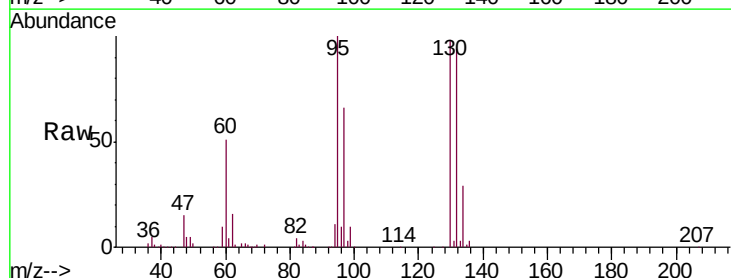
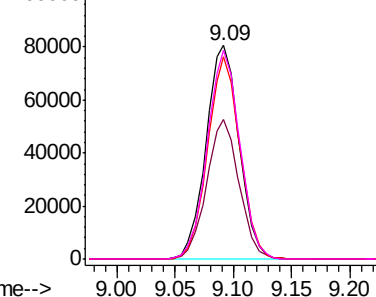
130 96.3 68.4 127.0

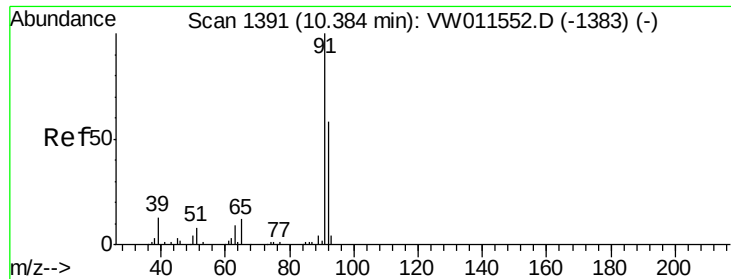
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 24.784 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

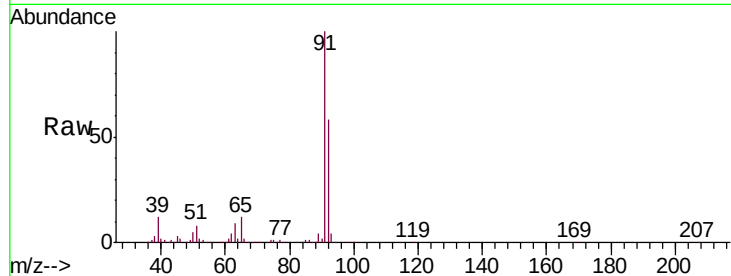
DB940MS

Tgt Ion: 91 Resp: 658851

Ion Ratio Lower Upper

91 100

92 58.3 41.2 76.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.39

400000

300000

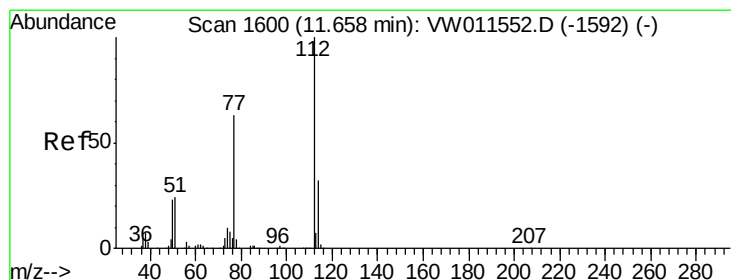
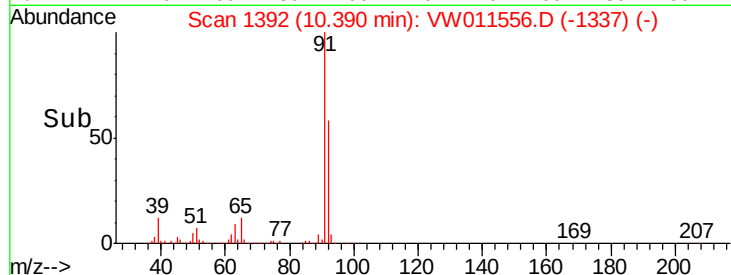
200000

100000

0

Time-->

10.30 10.35 10.40 10.45



#52

Chlorobenzene

Concen: 24.186 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW011556.D

Acq: 29 Jul 2019 13:28

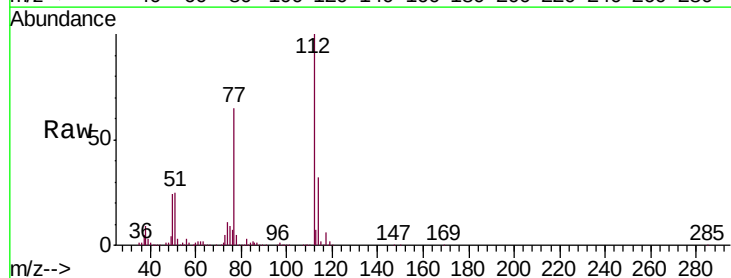
Tgt Ion: 112 Resp: 387750

Ion Ratio Lower Upper

112 100

77 64.6 52.2 78.2

114 32.5 22.0 41.0



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

300000

250000

200000

150000

100000

50000

0

Time-->

11.60 11.70

