

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
 Data File : VW003402.D
 Acq On : 21 Jun 2018 22:22
 Operator : SY/AP
 Sample : J3619-20MS
 Misc : 7.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ89MS

Quant Time: Jun 22 07:39:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 07:26:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	306708	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	301131	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	139381	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89043	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
7) Chloroethane-d5	2.89	69	75056	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.52%
10) 1,1-Dichloroethene-d2	4.01	63	179756	21.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.04%
20) 2-Butanone-d5	7.09	46	82753	63.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.28%
24) Chloroform-d	7.65	84	180865	22.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	8.31	65	122390	25.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.12%
29) Benzene-d6	8.27	84	337031	21.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.36%
33) 1,2-Dichloropropane-d6	9.28	67	114677	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.68%
37) Toluene-d8	10.33	98	317882	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.24%
38) trans-1,3-Dichloropropene-	10.58	79	53402	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.96%
39) 2-Hexanone-d5	10.93	63	62354	60.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.64%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	123936	26.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	126396	24.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.04%

Target Compounds

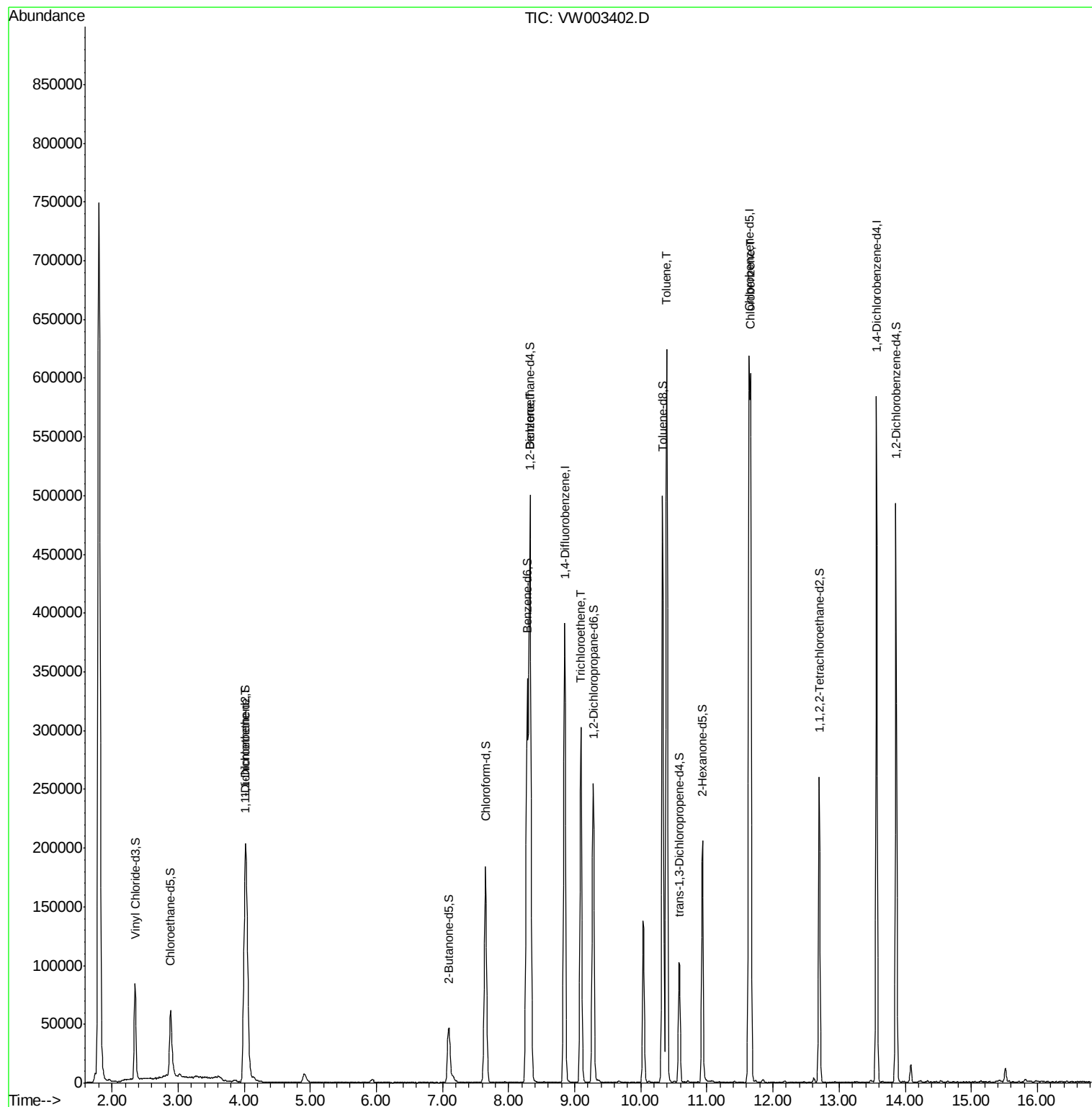
					Ovalue
12) 1,1-Dichloroethene	4.03	96	83687	21.83	ug/L 83
34) Benzene	8.33	78	397464	23.15	ug/L 100
35) Trichloroethene	9.09	95	102230	22.09	ug/L 100
44) Toluene	10.39	91	437599	23.50	ug/L 99
52) Chlorobenzene	11.66	112	278138	23.00	ug/L 99

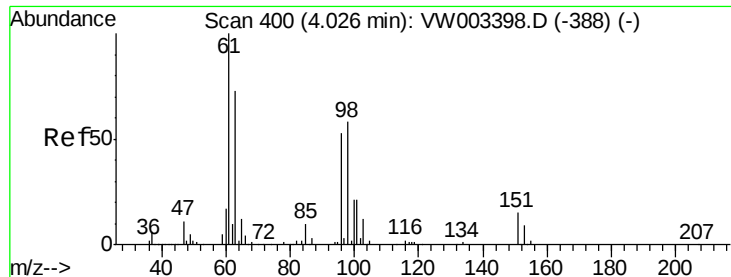
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 21.83 ug/L

RT: 4.03 min Scan# 400

Delta R.T. -0.00 min

Lab File: VW003402.D

Acq: 21 Jun 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

DAZ89MS

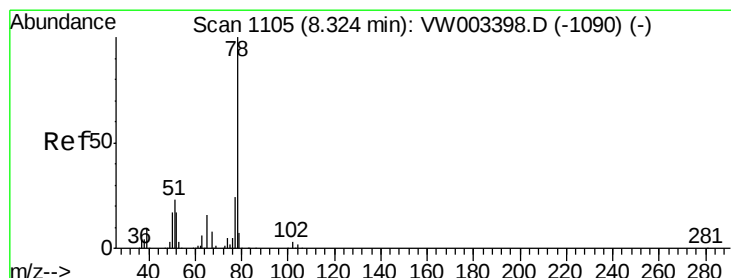
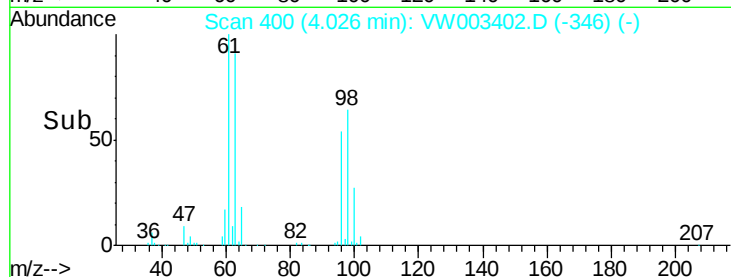
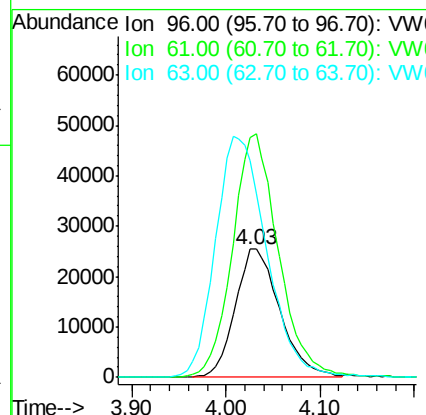
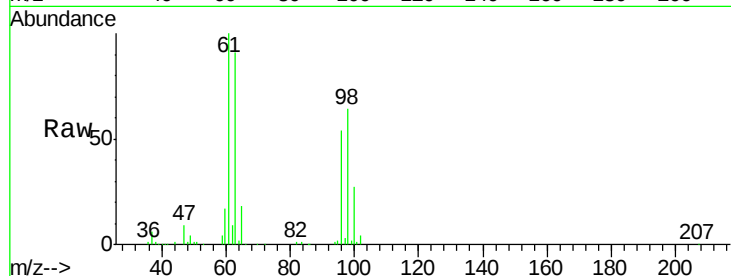
Tot Ion: 96 Resp: 83687

Ion Ratio Lower Upper

96 100

61 186.7 124.1 230.5

63 169.3 93.1 172.9



#34

Benzene

Concen: 23.15 ug/L

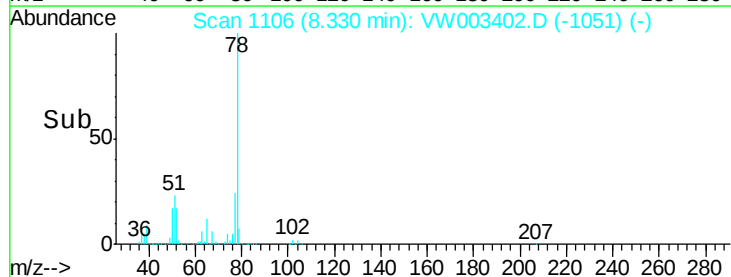
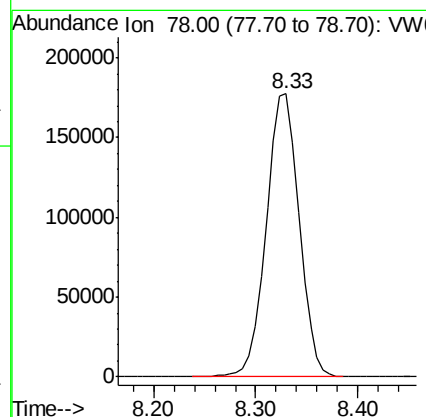
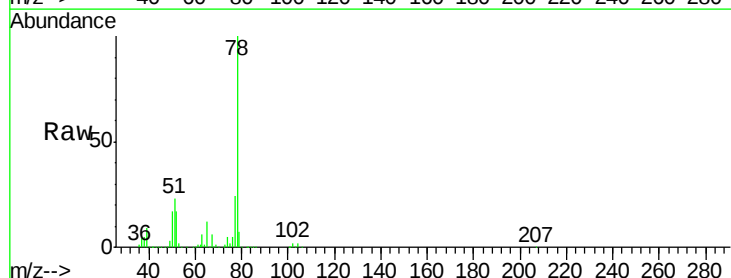
RT: 8.33 min Scan# 1106

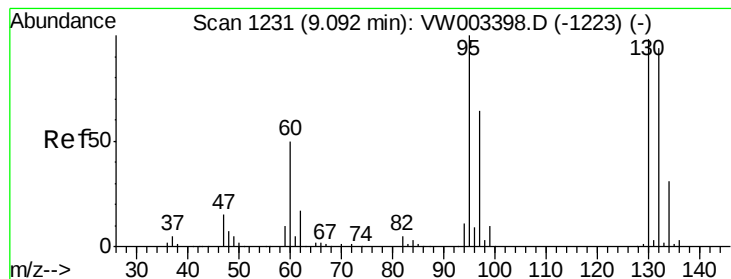
Delta R.T. 0.01 min

Lab File: VW003402.D

Acq: 21 Jun 2018 22:22

Tgt Ion: 78 Resp: 397464





#35

Trichloroethene

Concen: 22.09 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW003402.D

Acq: 21 Jun 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

DAZ89MS

Tot Ion: 95 Resp: 102230

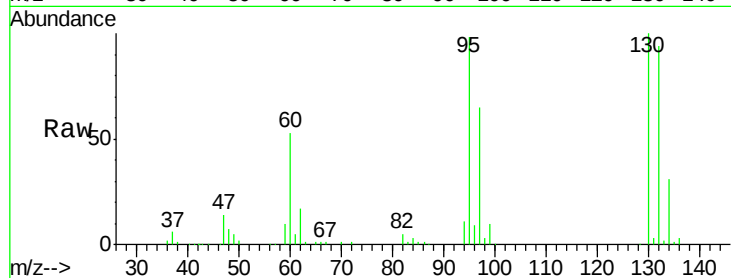
Ion Ratio Lower Upper

95 100

97 65.5 45.6 84.6

132 96.8 67.8 125.8

130 101.0 70.6 131.0



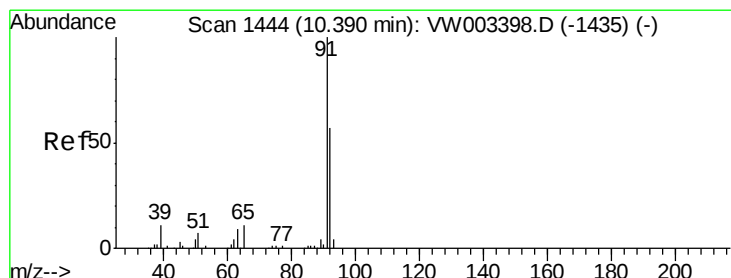
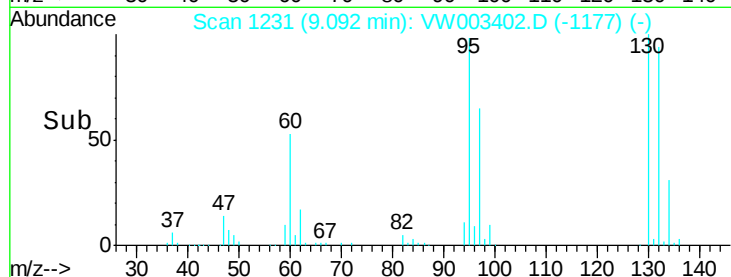
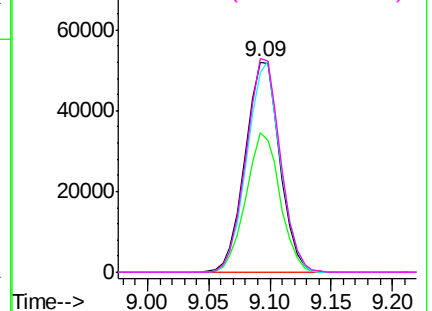
Abundance

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: 23.50 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003402.D

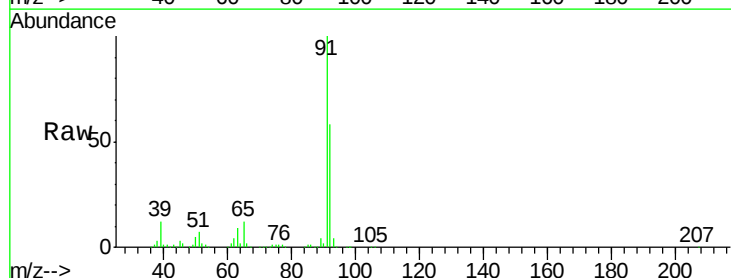
Acq: 21 Jun 2018 22:22

Tgt Ion: 91 Resp: 437599

Ion Ratio Lower Upper

91 100

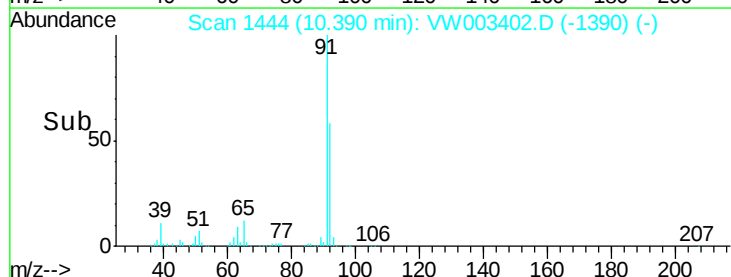
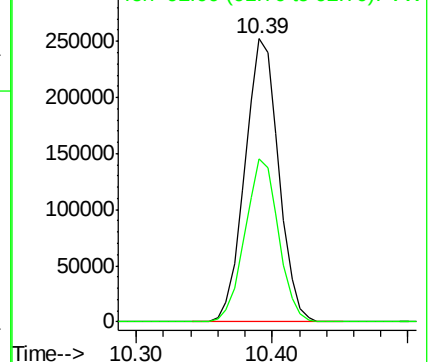
92 57.5 39.5 73.4

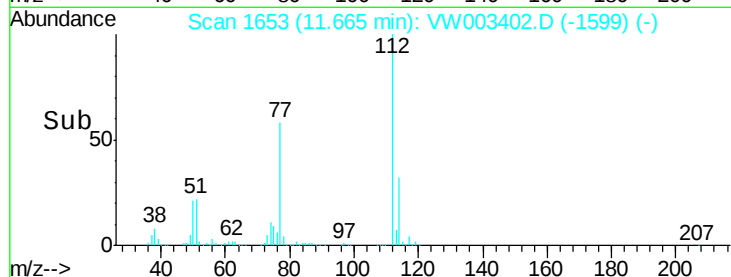
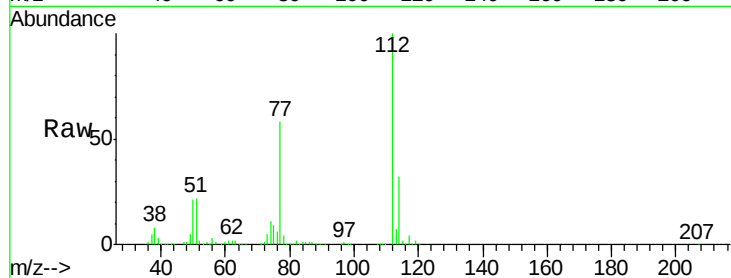
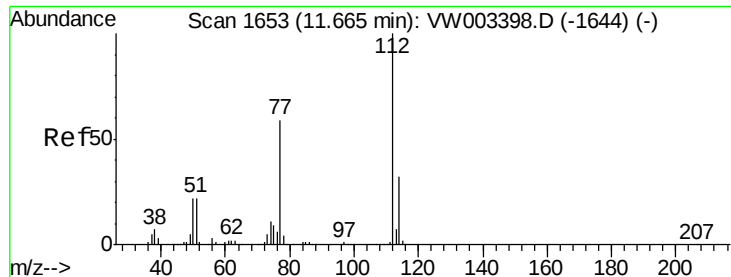


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52

Chlorobenzene

Concen: 23.00 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW003402.D

Acq: 21 Jun 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

DAZ89MS

Tot Ion:112 Resp: 278138

Ion Ratio Lower Upper

112 100

77 58.0 47.3 70.9

114 32.4 22.2 41.2

