

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW062218\
 Data File : VW003426.D
 Acq On : 22 Jun 2018 14:47
 Operator : SY/AP
 Sample : J3621-23MSD
 Misc : 8.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ96MSD

Quant Time: Jun 23 03:32:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 23 02:14:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	352117	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	330920	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	153203	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	82876	17.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.40%
7) Chloroethane-d5	2.89	69	71939	18.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.20%
10) 1,1-Dichloroethene-d2	4.01	63	186815	19.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.80%
20) 2-Butanone-d5	7.09	46	52397	34.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.64%
24) Chloroform-d	7.65	84	179298	19.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.44%
26) 1,2-Dichloroethane-d4	8.31	65	107389	19.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.04%
29) Benzene-d6	8.27	84	331238	18.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.44%
33) 1,2-Dichloropropane-d6	9.28	67	111105	19.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.96%
37) Toluene-d8	10.33	98	303247	18.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.24%
38) trans-1,3-Dichloropropene-	10.59	79	45132	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.20%
39) 2-Hexanone-d5	10.93	63	39435	34.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.42%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	92559	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.60%
61) 1,2-Dichlorobenzene-d4	13.87	152	117359	20.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.12%

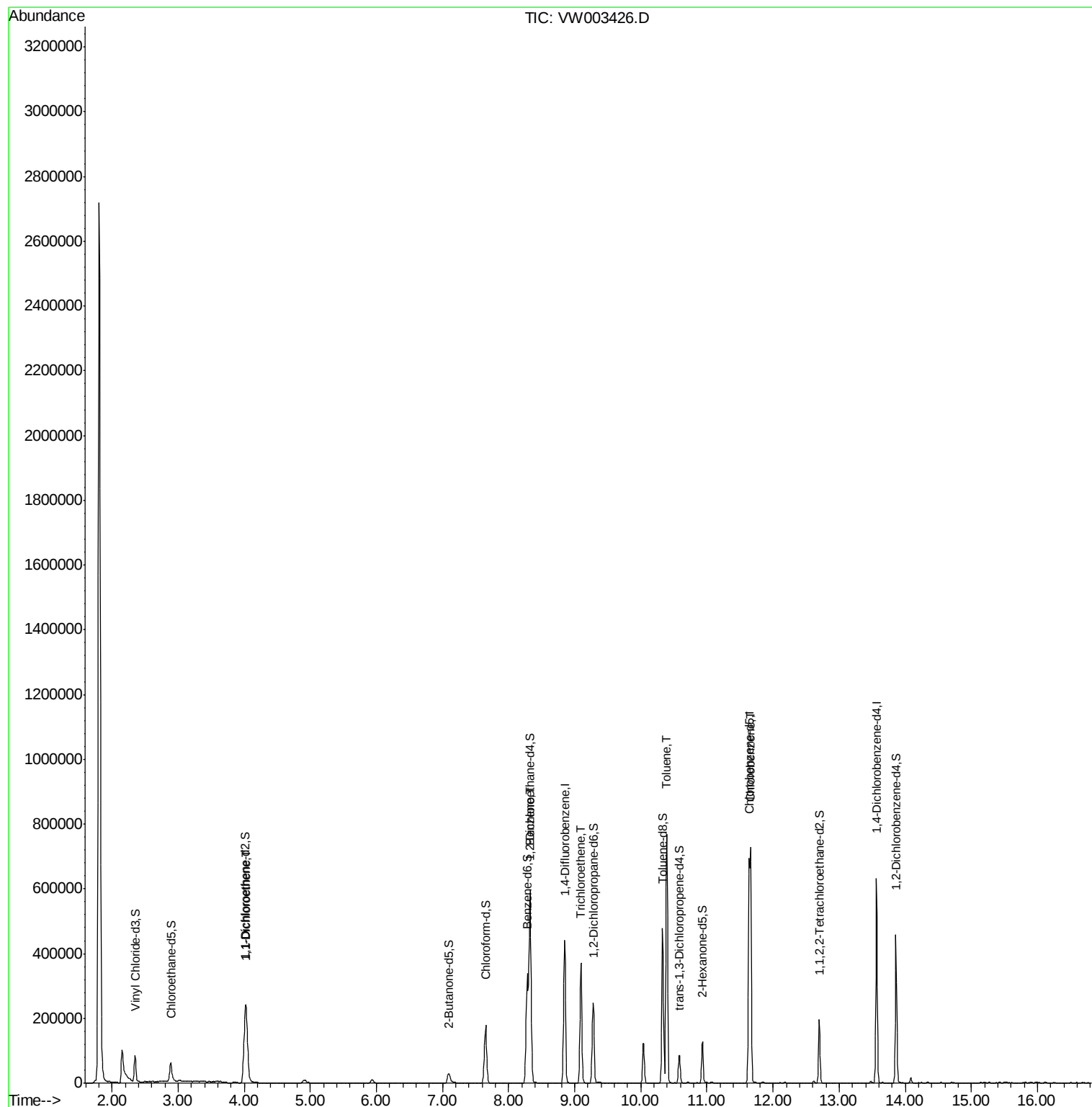
Target Compounds					Ovalue
12) 1,1-Dichloroethene	4.03	96	105363	23.94 ug/L	91
34) Benzene	8.32	78	492386	26.09 ug/L	100
35) Trichloroethene	9.09	95	129254	25.41 ug/L	99
44) Toluene	10.39	91	547225	26.74 ug/L	99
52) Chlorobenzene	11.66	112	341673	25.71 ug/L	99

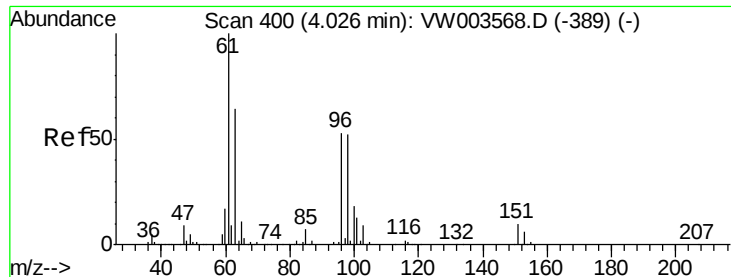
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 23.94 ug/L

RT: 4.03 min Scan# 401

Delta R.T. -0.00 min

Lab File: VW003426.D

Acq: 22 Jun 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

DAZ96MSD

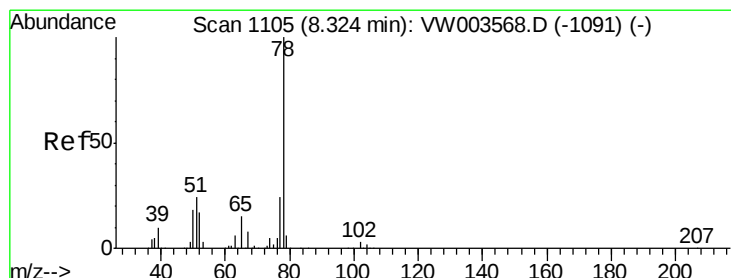
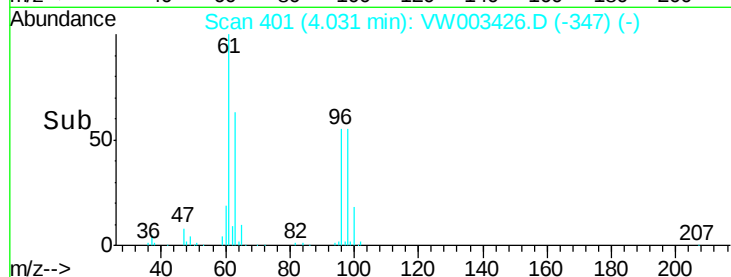
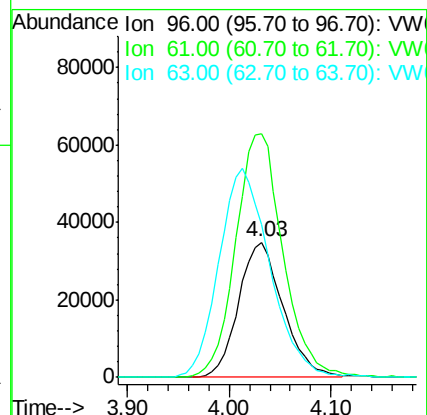
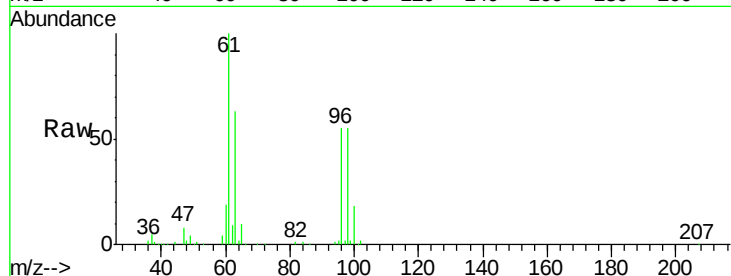
Tot Ion: 96 Resp: 105363

Ion Ratio Lower Upper

96 100

61 180.3 124.1 230.5

63 112.9 93.1 172.9



#34

Benzene

Concen: 26.09 ug/L

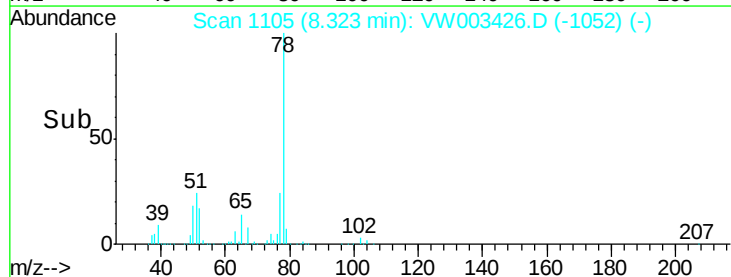
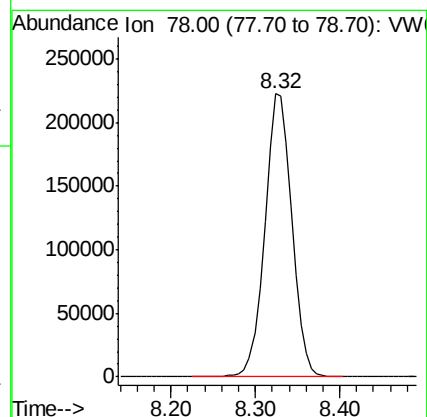
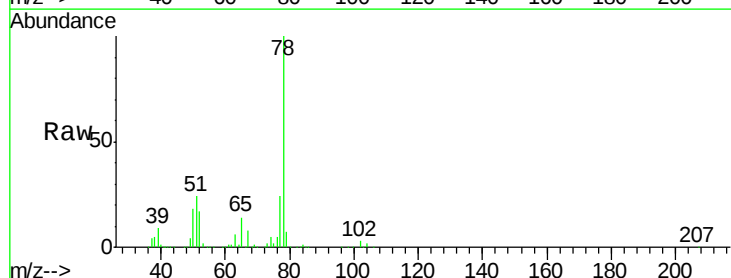
RT: 8.32 min Scan# 1105

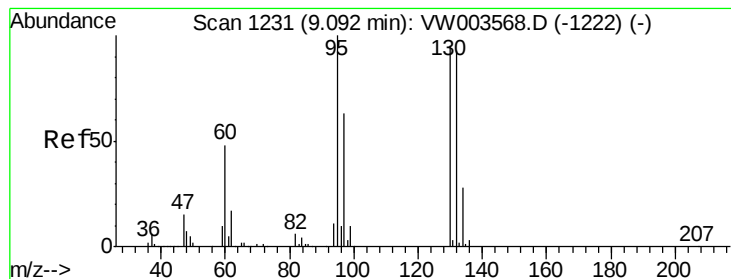
Delta R.T. -0.01 min

Lab File: VW003426.D

Acq: 22 Jun 2018 14:47

Tgt Ion: 78 Resp: 492386





#35

Trichloroethene

Concen: 25.41 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW003426.D

Acq: 22 Jun 2018 14:47

Instrument :

MSVOA_W

ClientSampleId :

DAZ96MSD

Tot Ion: 95 Resp: 129254

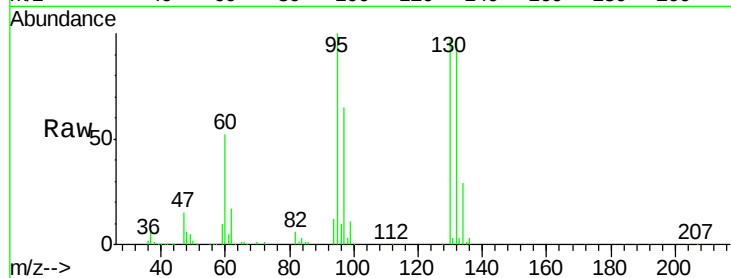
Ion Ratio Lower Upper

95 100

97 64.2 45.6 84.6

132 96.1 67.8 125.8

130 99.3 70.6 131.0

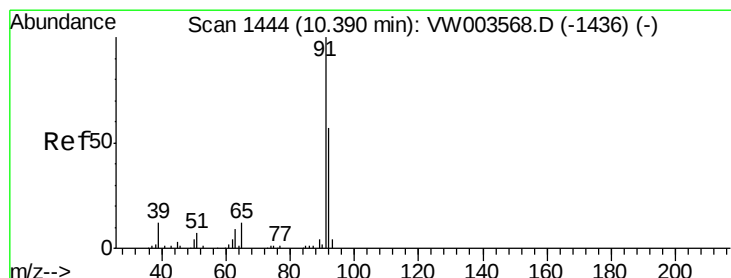
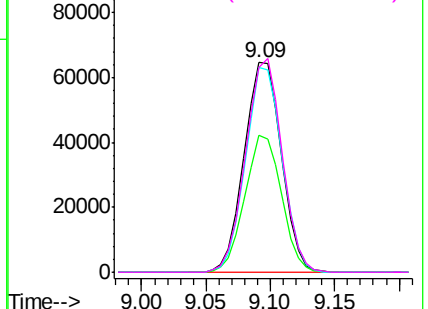
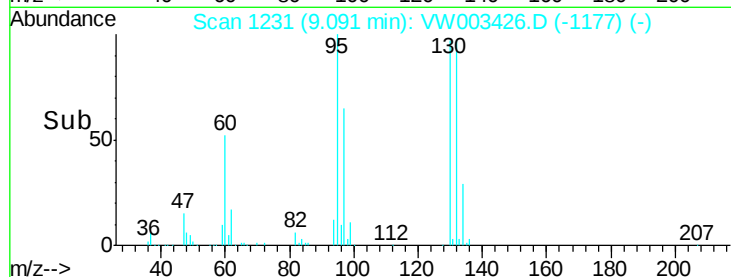


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 26.74 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003426.D

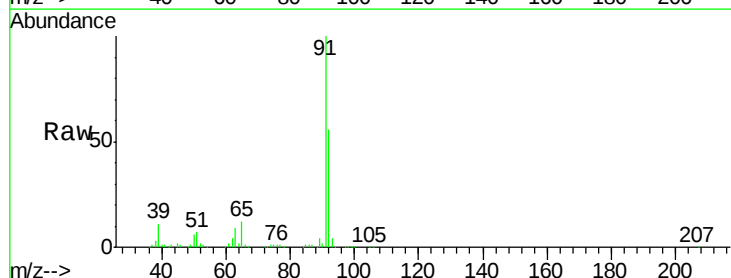
Acq: 22 Jun 2018 14:47

Tgt Ion: 91 Resp: 547225

Ion Ratio Lower Upper

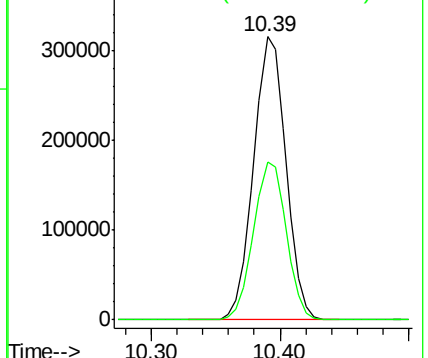
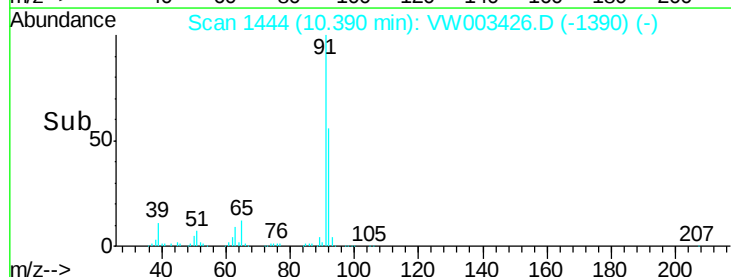
91 100

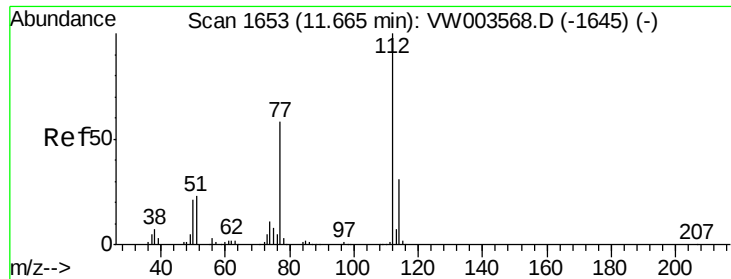
92 56.0 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52

Chlorobenzene

Concen: 25.71 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

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Acq: 22 Jun 2018 14:47

Instrument :

MSVOA_W

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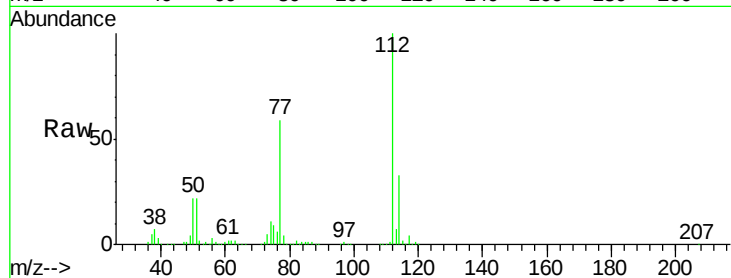
Tot Ion:112 Resp: 341673

Ion Ratio Lower Upper

112 100

77 59.4 47.3 70.9

114 33.4 22.2 41.2



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

