

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004898.D
 Acq On : 23 Aug 2018 15:21
 Operator : SY/AP
 Sample : J4624-15MSD
 Misc : 6.49G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E4446MSD

Quant Time: Aug 24 05:54:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 05:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	712445	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	736336	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	348550	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	304266	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
7) Chloroethane-d5	2.89	69	230564	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.36%
10) 1,1-Dichloroethene-d2	4.03	63	400664	23.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.20%
20) 2-Butanone-d5	7.09	46	102661	37.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.92%
24) Chloroform-d	7.65	84	377093	23.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	8.31	65	204826	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.32%
29) Benzene-d6	8.28	84	896878	23.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.72%
33) 1,2-Dichloropropane-d6	9.28	67	260884	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.76%
37) Toluene-d8	10.33	98	949426	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.64%
38) trans-1,3-Dichloropropene-	10.59	79	107398	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.72%
39) 2-Hexanone-d5	10.93	63	103627	37.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.18%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	224601	20.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	355097	25.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.44%

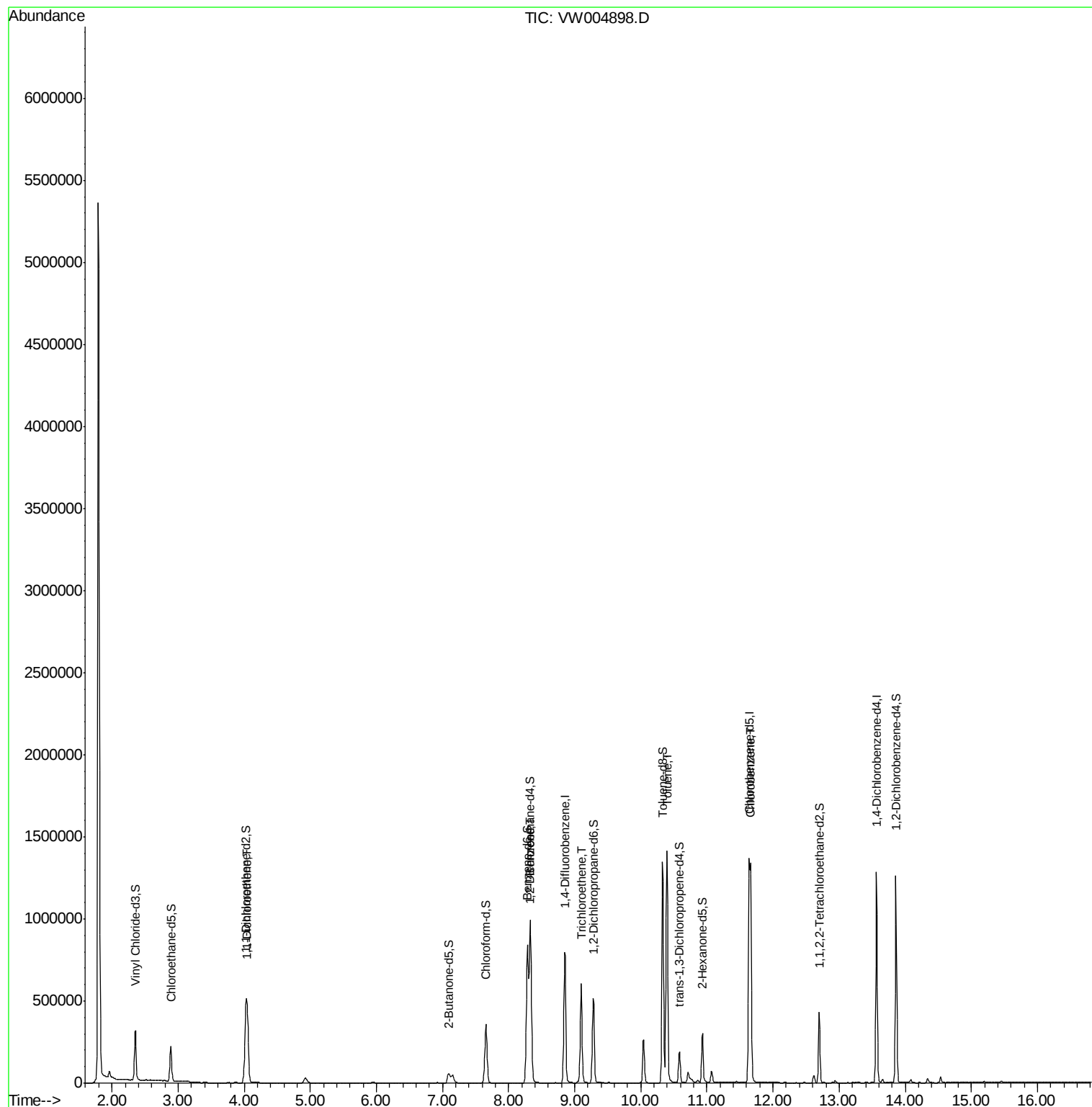
Target Compounds						Ovalue
12) 1,1-Dichloroethene	4.05	96	187754	22.64	ug/L	94
34) Benzene	8.33	78	888934	21.17	ug/L	100
35) Trichloroethene	9.10	95	217054	20.79	ug/L	99
44) Toluene	10.40	91	1093865	21.70	ug/L	99
52) Chlorobenzene	11.66	112	692676	20.68	ug/L	99

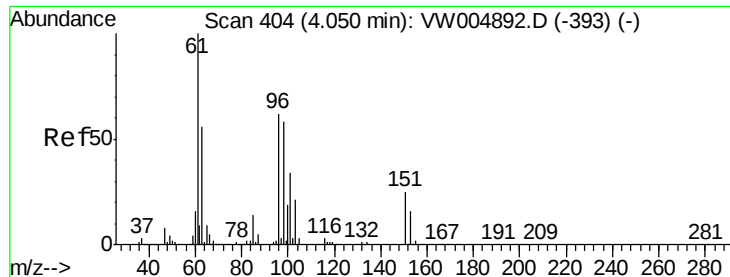
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 24 05:01:02 2018
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#12

1,1-Dichloroethene

Concen: 22.64 ug/L

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

E4446MSD

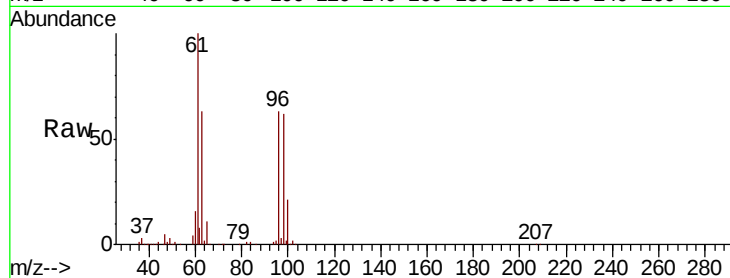
Tot Ion: 96 Resp: 187754

Ion Ratio Lower Upper

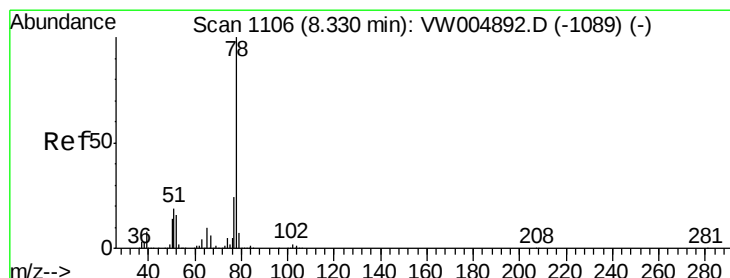
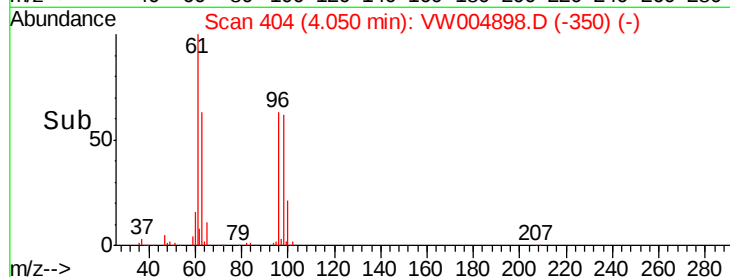
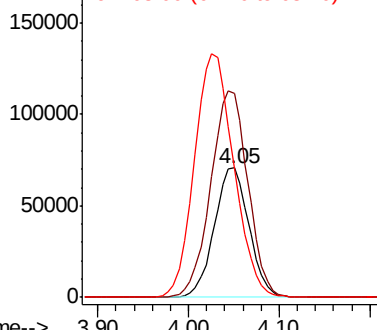
96 100

61 157.5 107.0 198.8

63 99.6 76.9 142.7



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 63.00 (62.70 to 63.70): VW



#34

Benzene

Concen: 21.17 ug/L

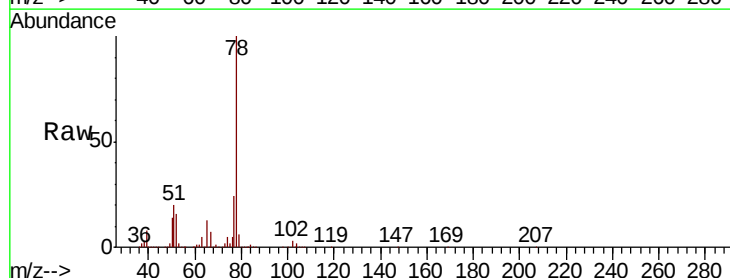
RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

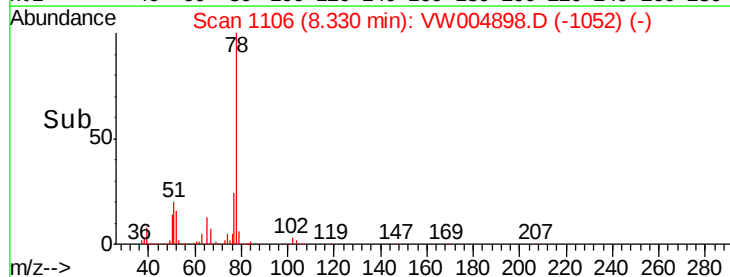
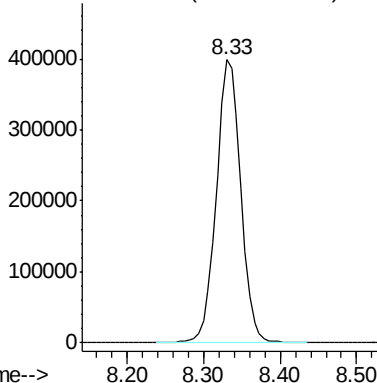
Lab File: VW004898.D

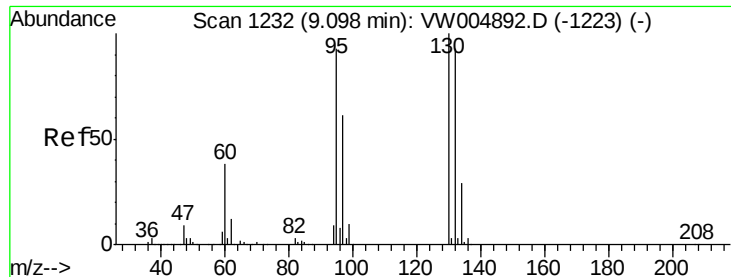
Acq: 23 Aug 2018 15:21

Tgt Ion: 78 Resp: 888934



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 20.79 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW004898.D

Acq: 23 Aug 2018 15:21

Instrument :

MSVOA_W

ClientSampleId :

E4446MSD

Tot Ion: 95 Resp: 217054

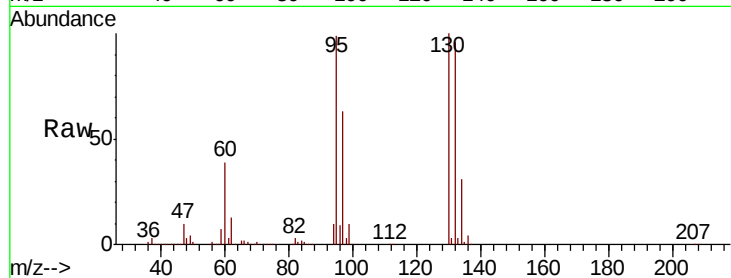
Ion Ratio Lower Upper

95 100

97 65.0 45.9 85.3

132 99.5 69.2 128.4

130 102.2 72.7 135.1

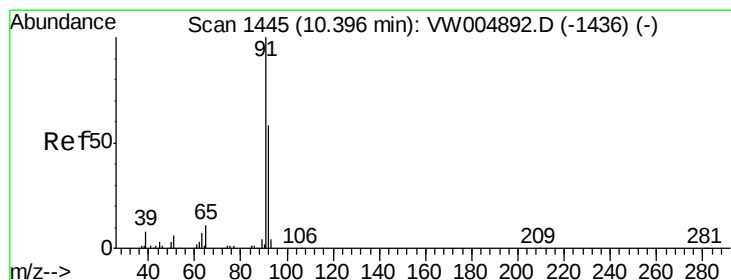
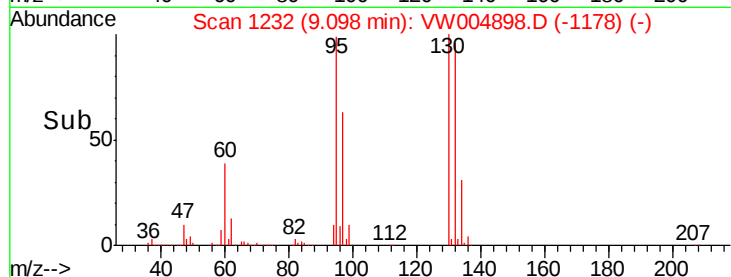
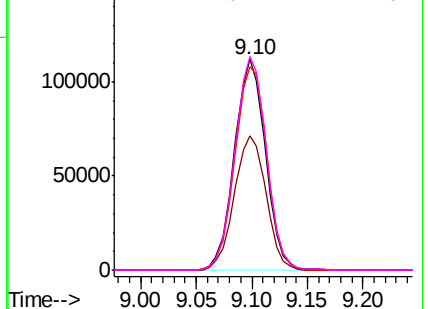


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 21.70 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW004898.D

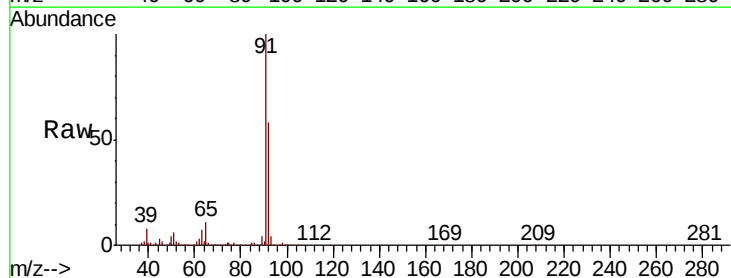
Acq: 23 Aug 2018 15:21

Tgt Ion: 91 Resp: 1093865

Ion Ratio Lower Upper

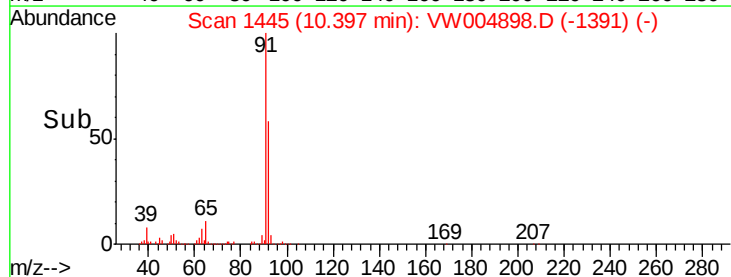
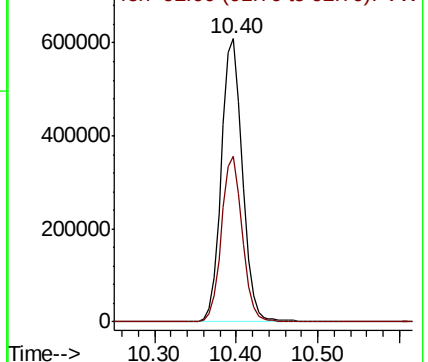
91 100

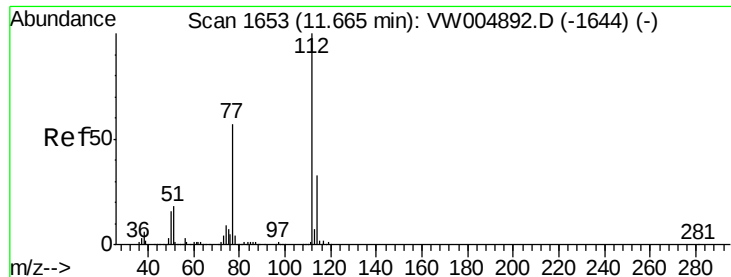
92 58.4 40.6 75.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52

Chlorobenzene

Concen: 20.68 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004898.D

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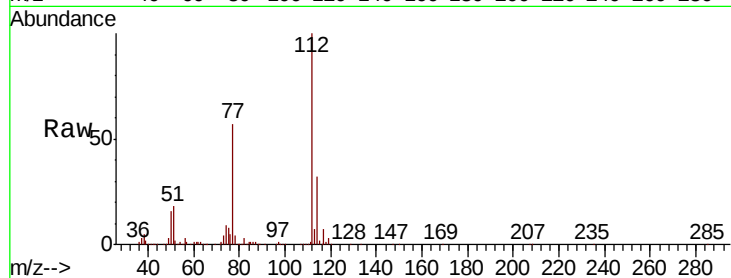
Tot Ion:112 Resp: 692676

Ion Ratio Lower Upper

112 100

77 56.9 45.8 68.8

114 31.8 22.5 41.7



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

