

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
 Data File : VW003403.D
 Acq On : 21 Jun 2018 22:48
 Operator : SY/AP
 Sample : J3619-21MSD
 Misc : 7.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ89MSD

Quant Time: Jun 22 07:41:30 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	278581	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267657	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	116006	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83064	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.96%
7) Chloroethane-d5	2.89	69	70021	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
10) 1,1-Dichloroethene-d2	4.01	63	169847	22.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.56%
20) 2-Butanone-d5	7.09	46	75474	63.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.80%
24) Chloroform-d	7.65	84	173089	23.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	8.31	65	115492	26.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.08%
29) Benzene-d6	8.27	84	320482	22.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.28%
33) 1,2-Dichloropropane-d6	9.28	67	109606	24.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.52%
37) Toluene-d8	10.33	98	297945	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.76%
38) trans-1,3-Dichloropropene-	10.58	79	48961	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.80%
39) 2-Hexanone-d5	10.93	63	56381	61.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.72%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	114236	27.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	110080	25.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.48%

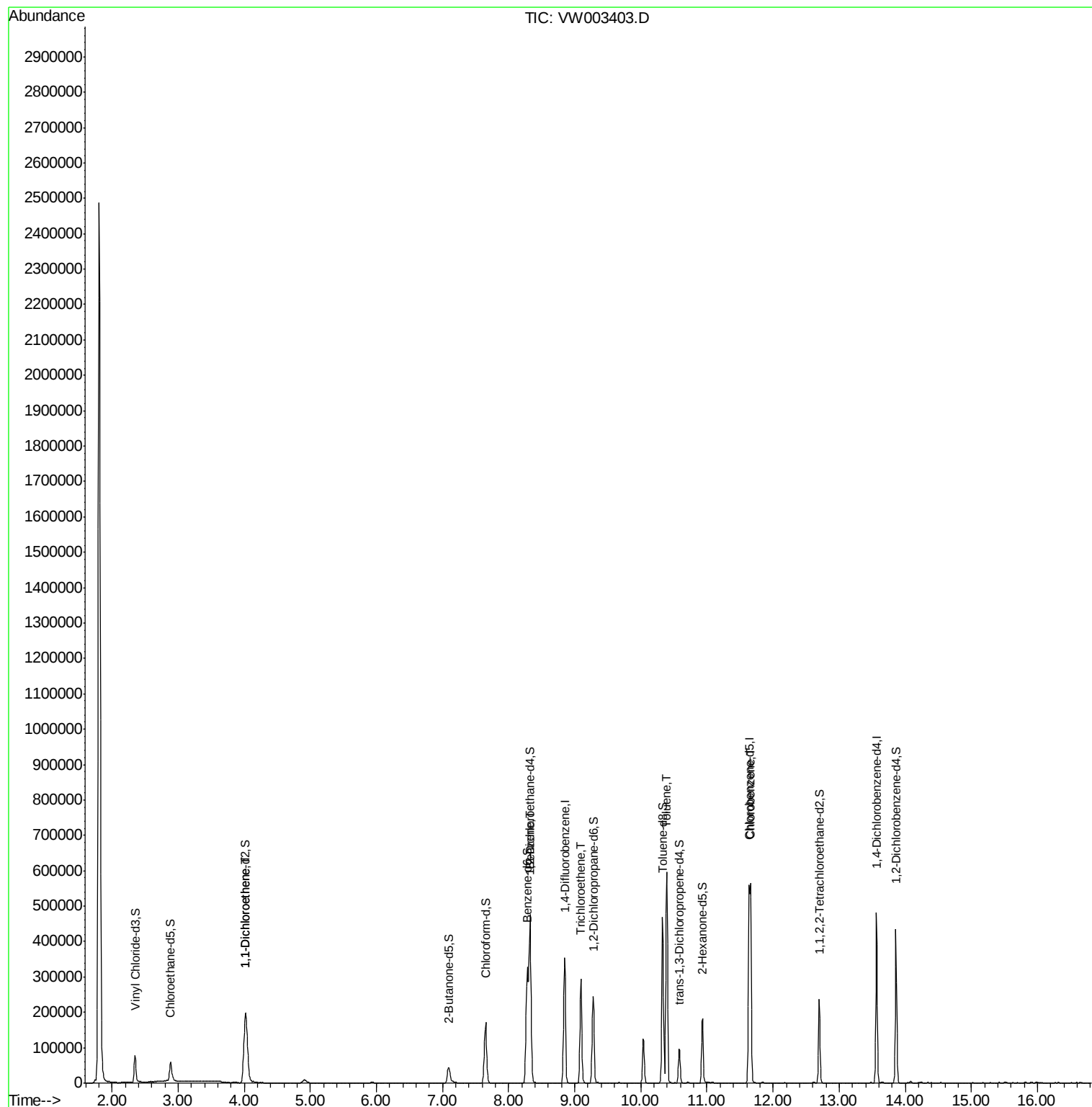
Target Compounds						Ovalue
12) 1,1-Dichloroethene	4.03	96	81803	23.49	ug/L	86
34) Benzene	8.32	78	380139	24.91	ug/L	100
35) Trichloroethene	9.09	95	99853	24.27	ug/L	99
44) Toluene	10.39	91	420458	25.40	ug/L	97
52) Chlorobenzene	11.66	112	262114	24.38	ug/L	98

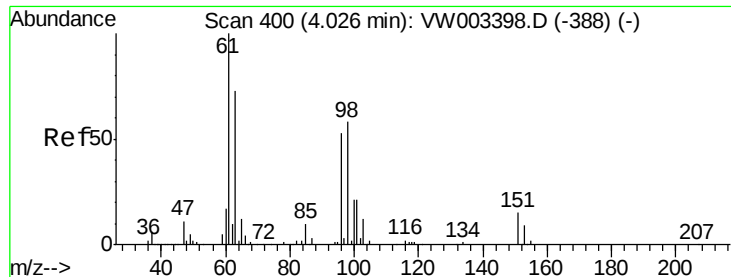
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 22 07:26:48 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 23.49 ug/L

RT: 4.03 min Scan# 400

Delta R.T. -0.00 min

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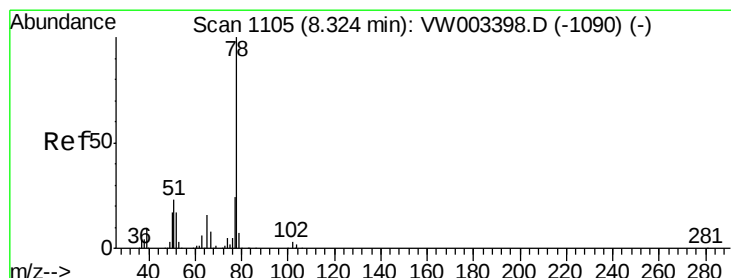
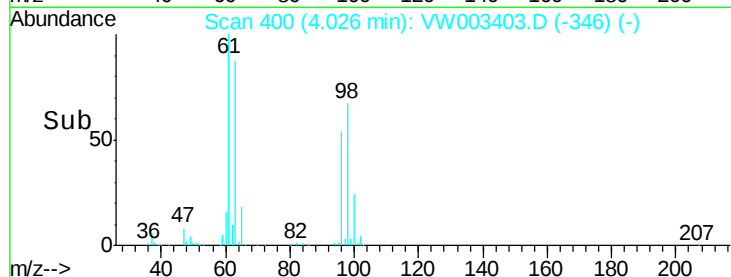
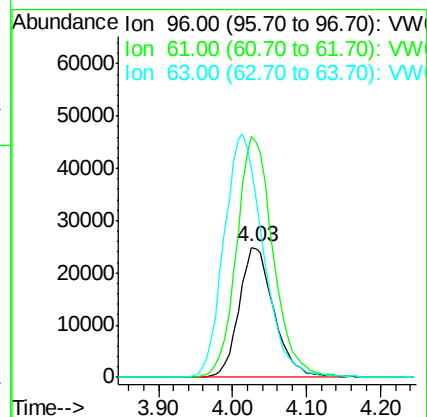
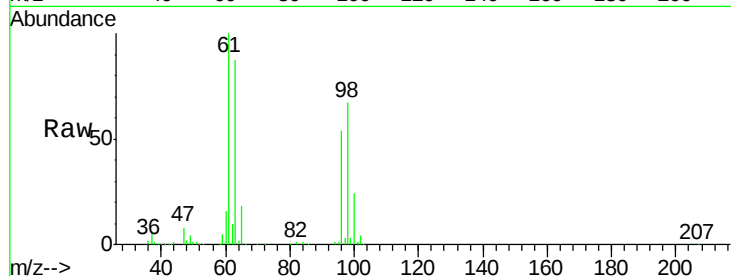
Tot Ion: 96 Resp: 81803

Ion Ratio Lower Upper

96 100

61 185.5 124.1 230.5

63 161.6 93.1 172.9



#34

Benzene

Concen: 24.91 ug/L

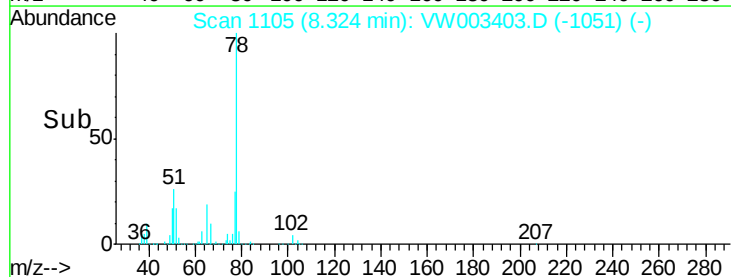
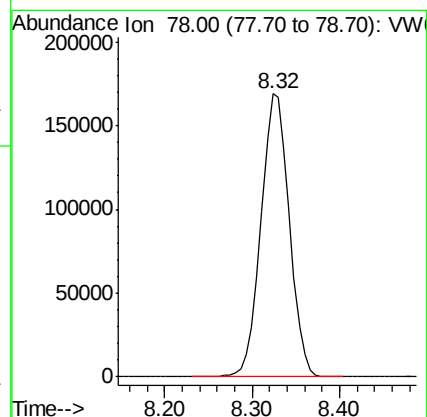
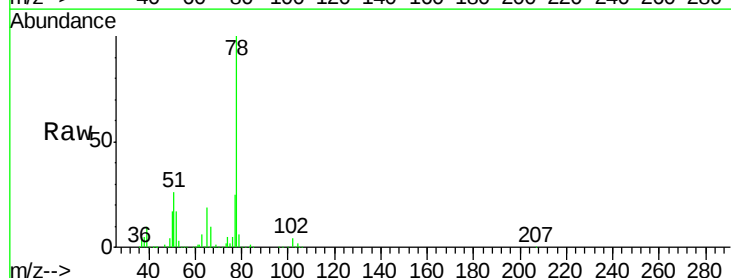
RT: 8.32 min Scan# 1105

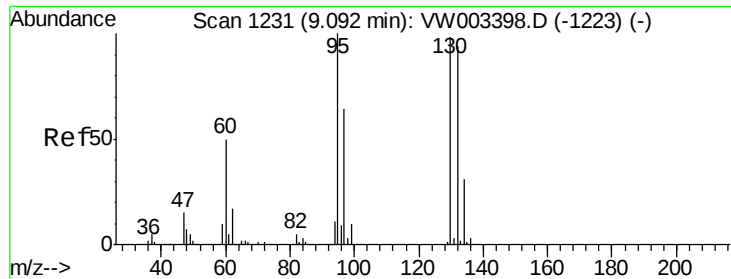
Delta R.T. -0.00 min

Lab File: VW003403.D

Acq: 21 Jun 2018 22:48

Tgt Ion: 78 Resp: 380139

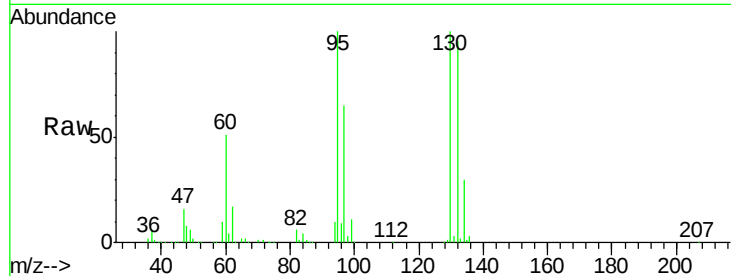




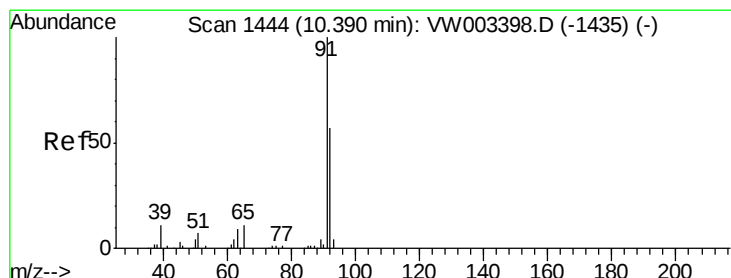
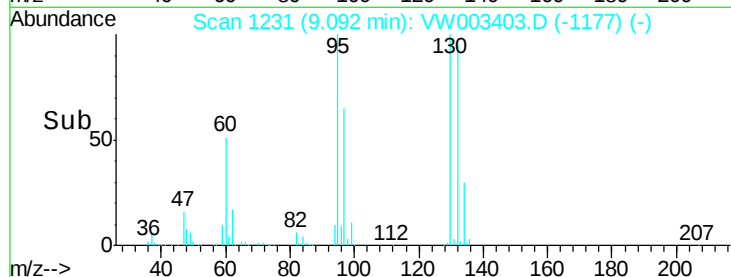
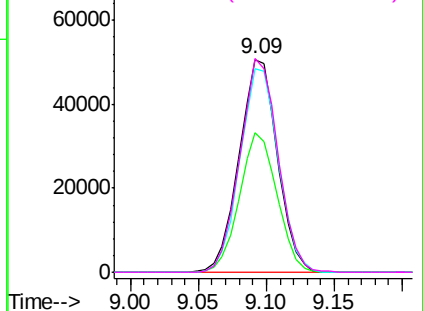
#35
 Trichloroethene
 Concen: 24.27 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW003403.D
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Instrument :
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Tot Ion: 95 Resp: 99853
 Ion Ratio Lower Upper
 95 100
 97 64.1 45.6 84.6
 132 96.2 67.8 125.8
 130 99.8 70.6 131.0

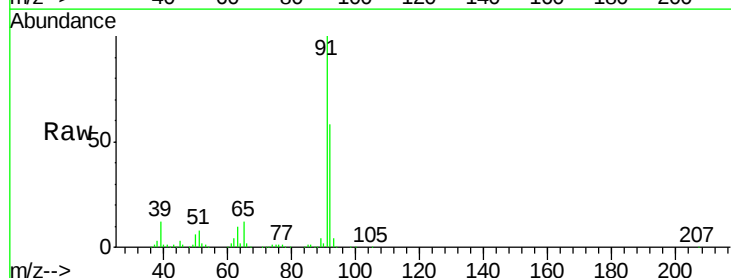


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

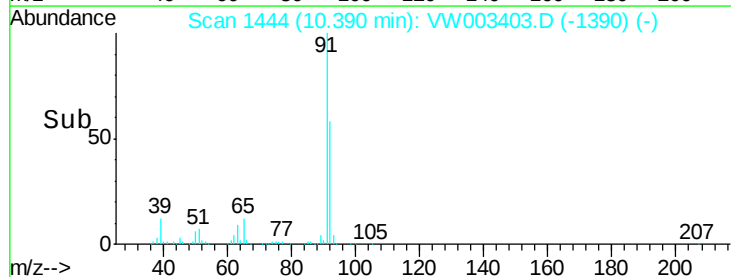
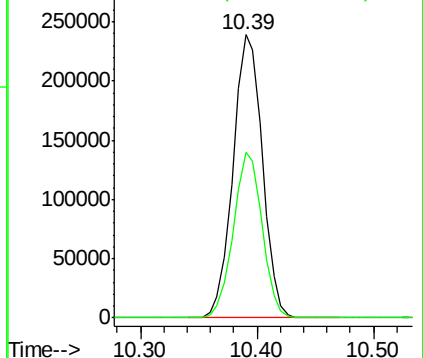


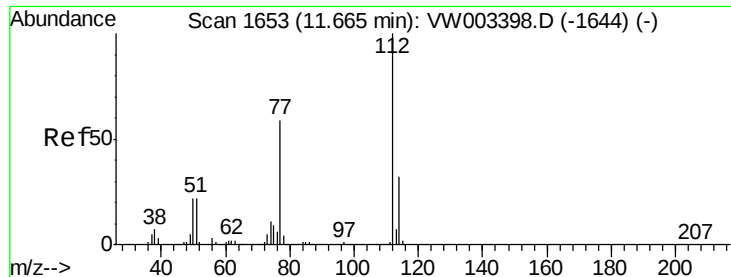
#44
 Toluene
 Concen: 25.40 ug/L
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW003403.D
 Acq: 21 Jun 2018 22:48

Tgt Ion: 91 Resp: 420458
 Ion Ratio Lower Upper
 91 100
 92 58.4 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: 24.38 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW003403.D

Acq: 21 Jun 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

DAZ89MSD

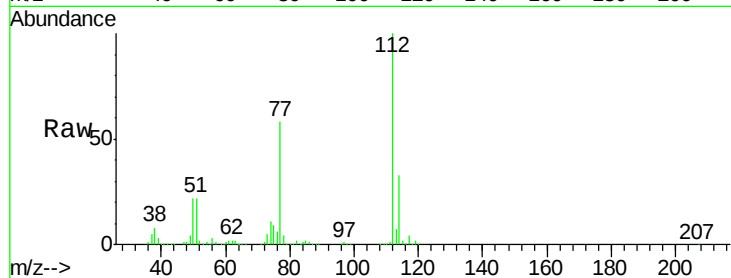
Tot Ion:112 Resp: 262114

Ion Ratio Lower Upper

112 100

77 57.8 47.3 70.9

114 32.5 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

