

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032219\
 Data File : VV009825.D
 Acq On : 22 Mar 2019 14:18
 Operator : SY/MD
 Sample : K2049-03MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 P002-TW001-01MSD

Quant Time: Mar 23 04:26:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 23 03:53:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91166	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90246	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39147	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56801	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.59	69	54067	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.13	63	147175	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.60%
20) 2-Butanone-d5	3.98	46	72547	56.89	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.78%
24) Chloroform-d	4.40	84	59918	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.09	65	31644	5.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.40%
32) Benzene-d6	5.10	84	127697	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.12	67	37917	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.36	98	110198	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	11413	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.14	63	61339	55.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27256	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	40651	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

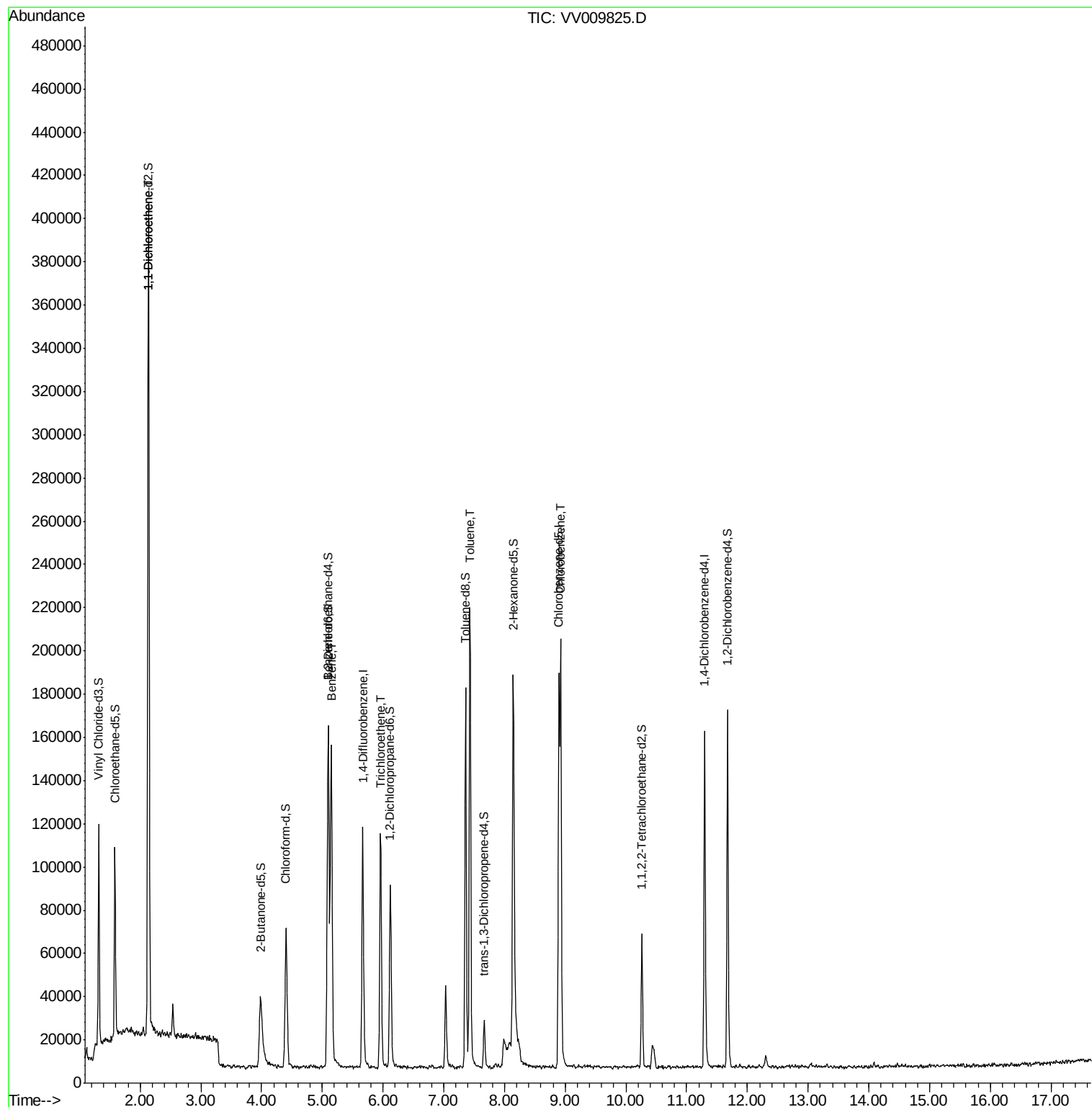
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	69604	5.726 ug/L	93
33) Benzene	5.15	78	139673	5.511 ug/L	100
34) Trichloroethene	5.96	95	34019	5.306 ug/L	93
42) Toluene	7.43	91	149120	5.199 ug/L	98
51) Chlorobenzene	8.93	112	97440	5.307 ug/L	97

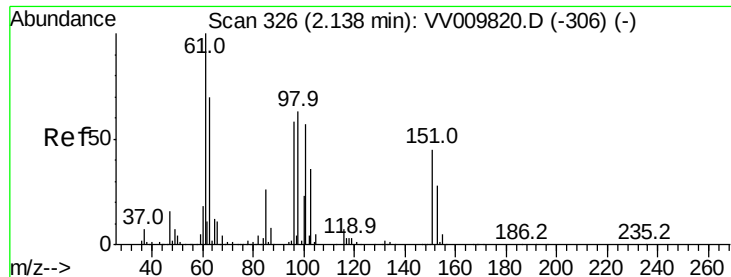
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.726 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

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ClientSampleId :

P002-TW001-01MSD

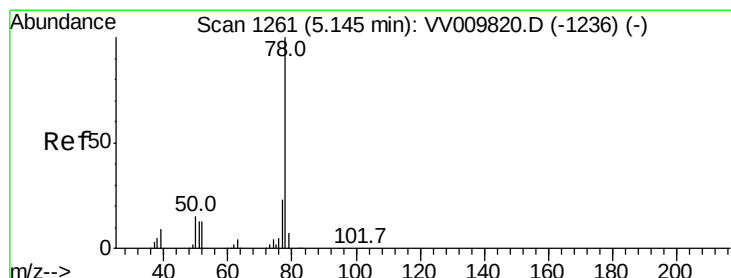
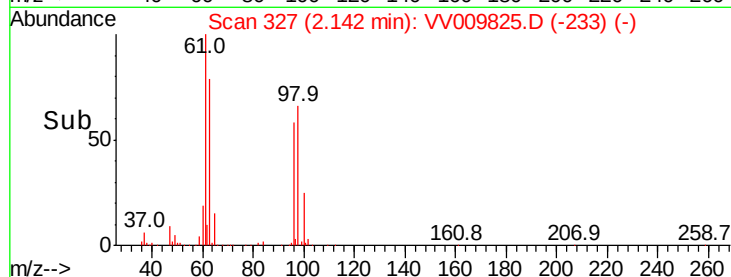
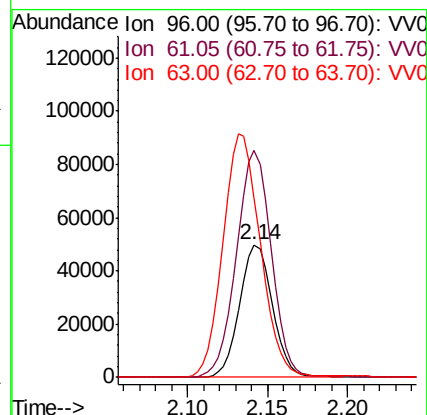
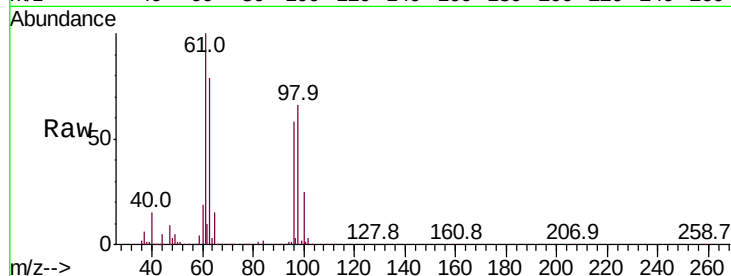
Tot Ion: 96 Resp: 69604

Ion Ratio Lower Upper

96 100

61 171.5 127.1 236.0

63 135.3 88.8 164.8



#33

Benzene

Concen: 5.511 ug/L

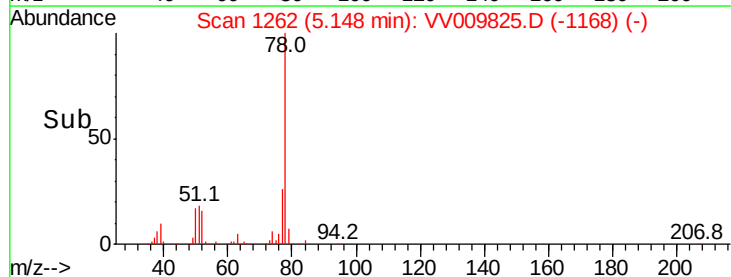
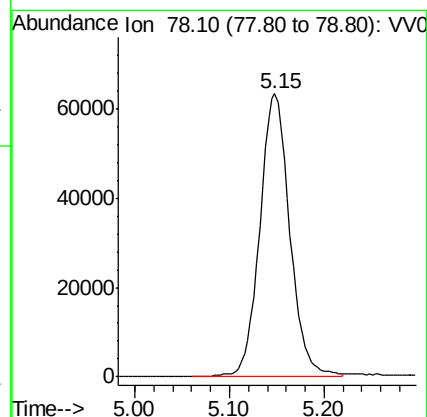
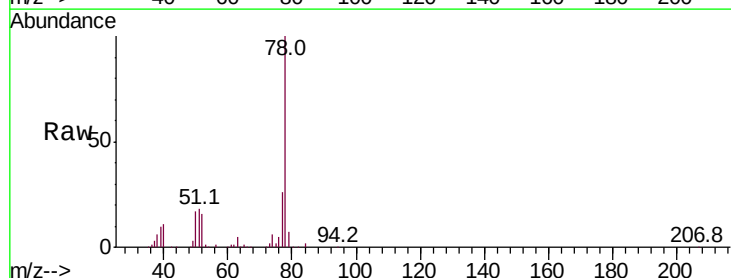
RT: 5.15 min Scan# 1262

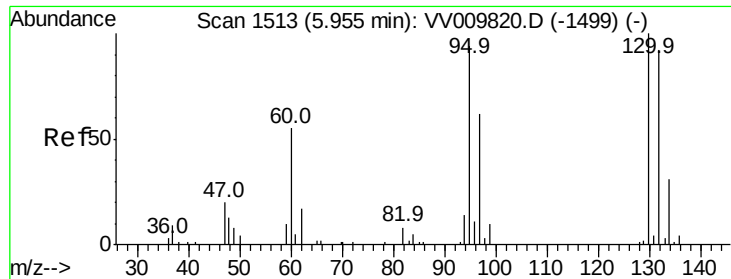
Delta R.T. 0.00 min

Lab File: VV009825.D

Acq: 22 Mar 2019 14:18

Tgt Ion: 78 Resp: 139673

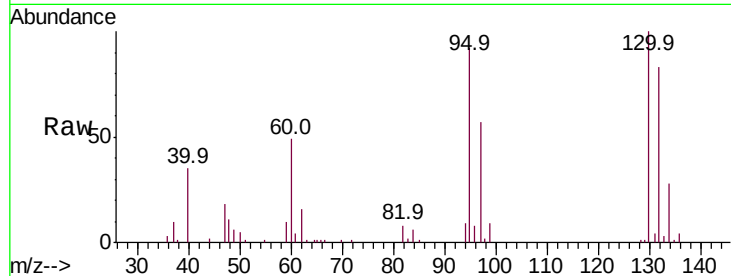




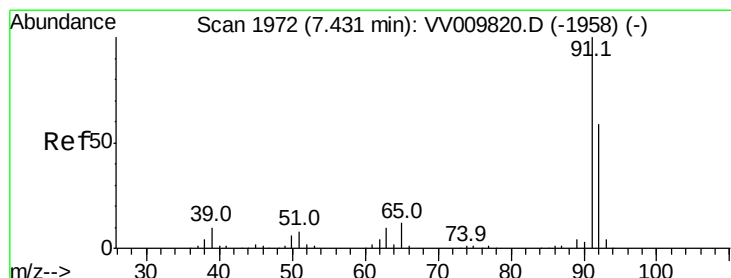
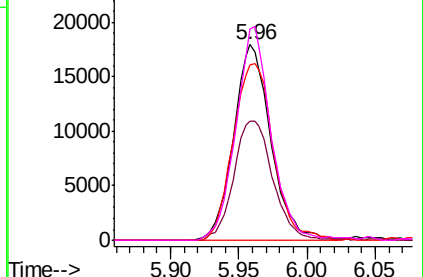
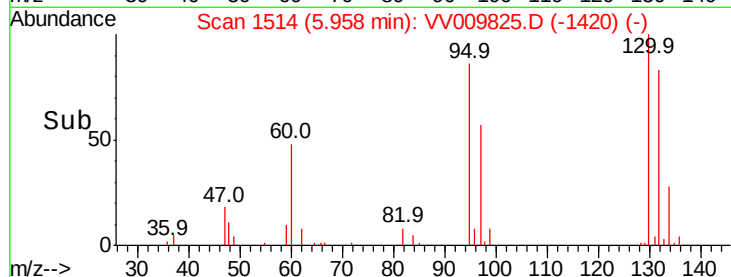
#34
 Trichloroethene
 Concen: 5.306 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV009825.D
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Instrument :
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 ClientSampleId :
 P002-TW001-01MSD

Tot Ion: 95 Resp: 34019
 Ion Ratio Lower Upper
 95 100
 97 61.3 44.4 82.5
 132 89.8 66.4 123.4
 130 108.1 68.1 126.5

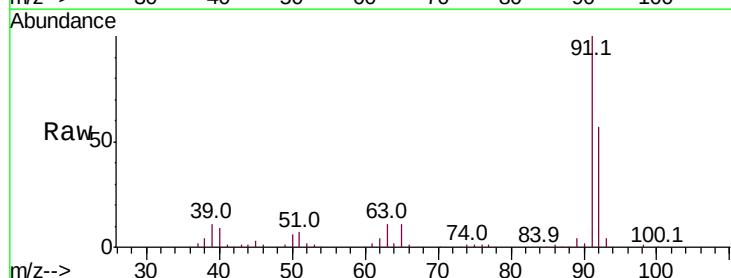


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

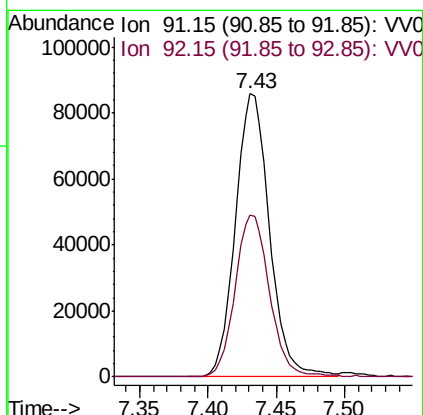
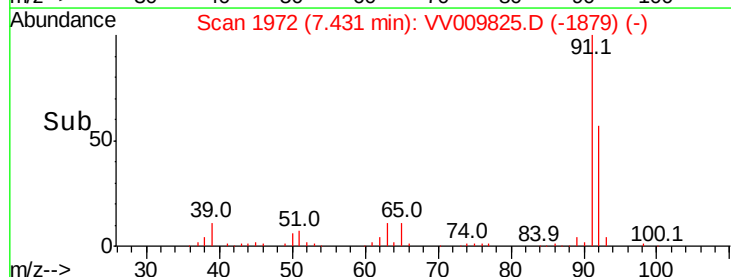


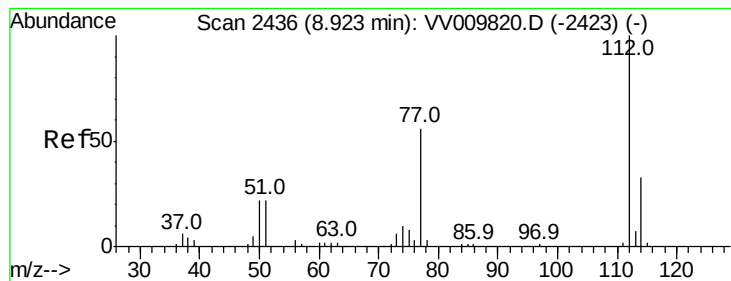
#42
 Toluene
 Concen: 5.199 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV009825.D
 Acq: 22 Mar 2019 14:18

Tgt Ion: 91 Resp: 149120
 Ion Ratio Lower Upper
 91 100
 92 57.2 39.1 72.5



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0





#51

Chlorobenzene

Concen: 5.307 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV009825.D

Acq: 22 Mar 2019 14:18

Instrument :

MSVOA_V

ClientSampleId :

P002-TW001-01MSD

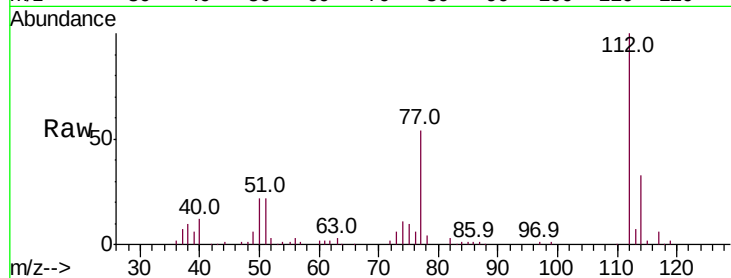
Tot Ion:112 Resp: 97440

Ion Ratio Lower Upper

112 100

114 32.5 21.8 40.4

77 53.7 45.0 67.4



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

