

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032219\
 Data File : VV009842.D
 Acq On : 22 Mar 2019 21:33
 Operator : SY/MD
 Sample : K2052-03MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 P001-TW001-03MSD

Quant Time: Mar 23 05:51:52 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	92488	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94832	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40715	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45193	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.58	69	49190	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.14	63	126198	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	3.95	46	68400	52.88	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.76%
24) Chloroform-d	4.40	84	55715	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	28252	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	112706	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.12	67	35815	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	99179	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.66	79	10225	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.14	63	55787	47.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24492	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	35658	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

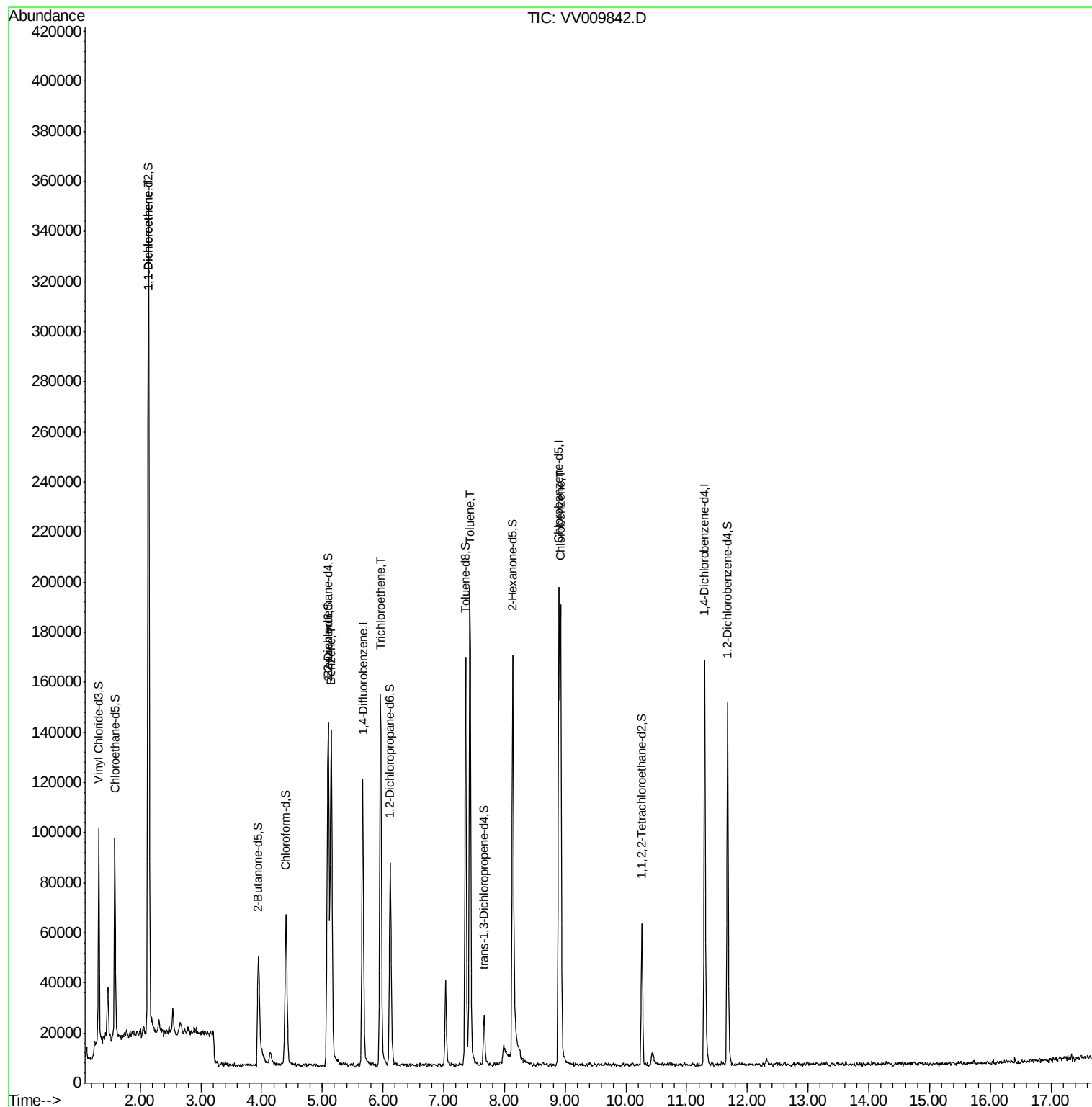
					Ovalue
12) 1,1-Dichloroethene	2.14	96	61219	4.964 ug/L	92
33) Benzene	5.15	78	122889	4.614 ug/L	100
34) Trichloroethene	5.96	95	46865	6.956 ug/L	96
42) Toluene	7.43	91	134202	4.453 ug/L	100
51) Chlorobenzene	8.93	112	87980	4.560 ug/L	98

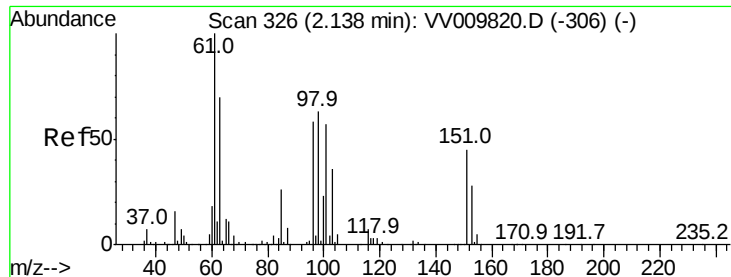
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 03:53:22 2019
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#12

1,1-Dichloroethene

Concen: 4.964 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

P001-TW001-03MSD

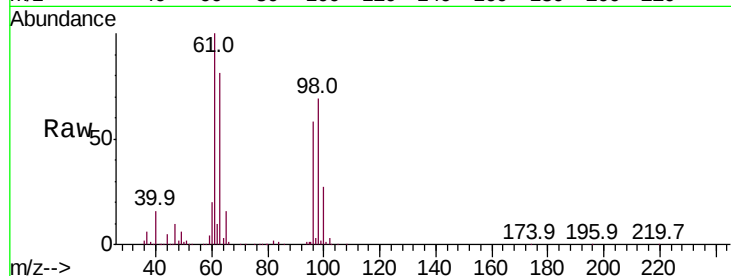
Tot Ion: 96 Resp: 61219

Ion Ratio Lower Upper

96 100

61 172.6 127.1 236.0

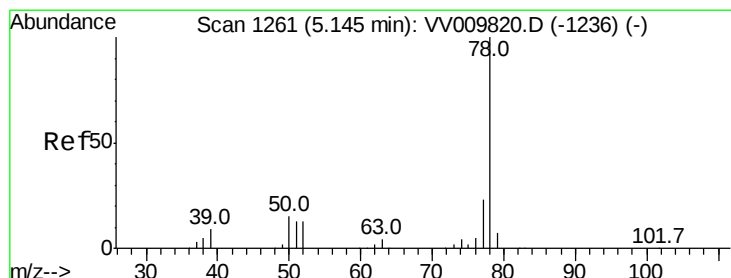
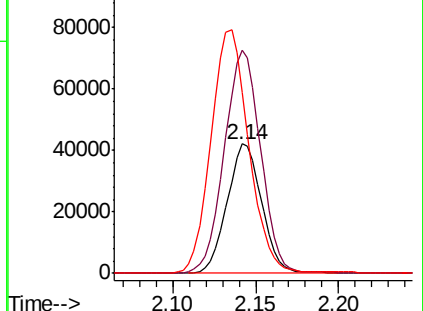
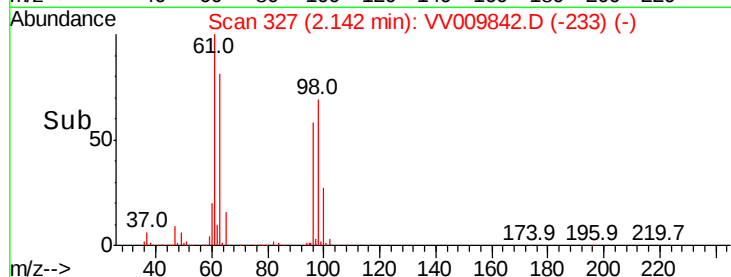
63 139.7 88.8 164.8



Abundance Ion 96.00 (95.70 to 96.70): VV009842.D (-233) (-)

Ion 61.05 (60.75 to 61.75): VV009842.D (-233) (-)

Ion 63.00 (62.70 to 63.70): VV009842.D (-233) (-)



#33

Benzene

Concen: 4.614 ug/L

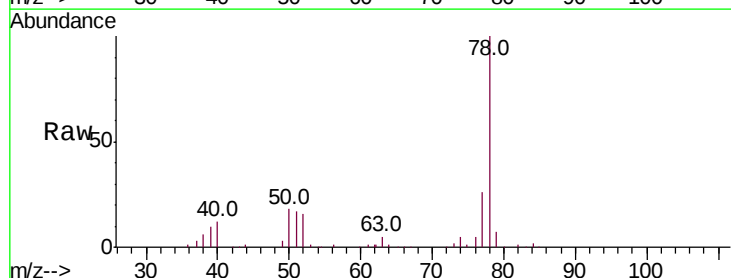
RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

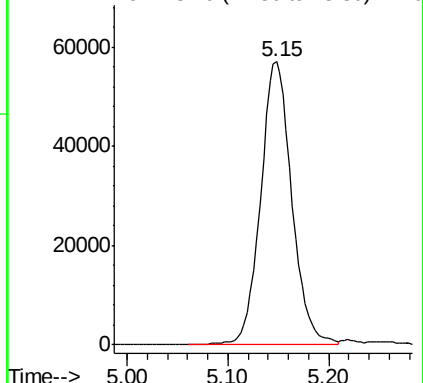
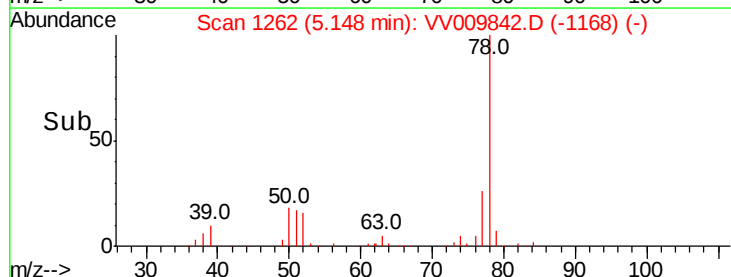
Lab File: VV009842.D

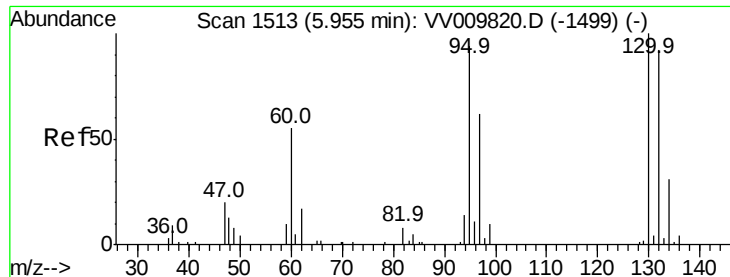
Acq: 22 Mar 2019 21:33

Tgt Ion: 78 Resp: 122889



Abundance Ion 78.10 (77.80 to 78.80): VV009842.D (-1168) (-)

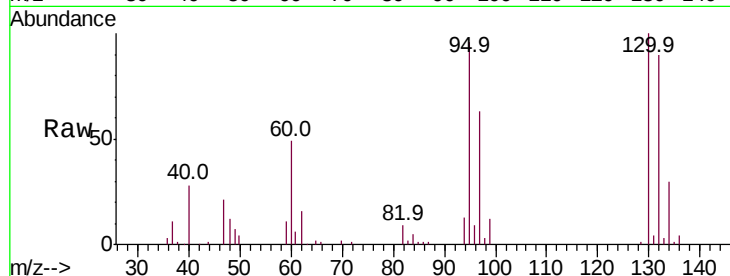




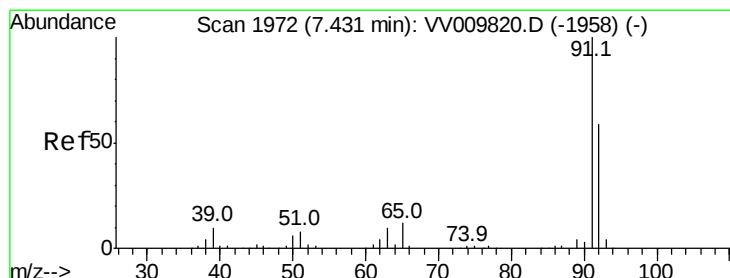
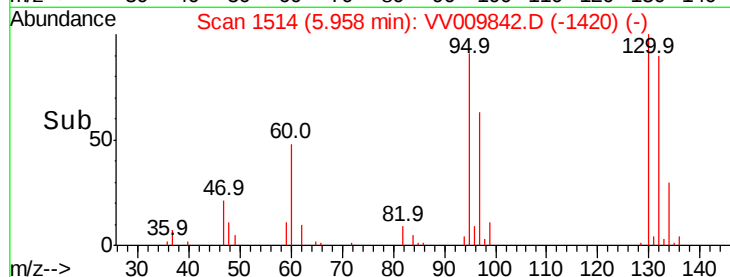
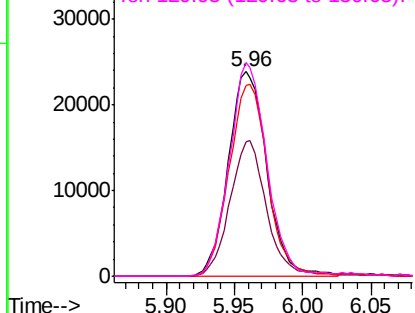
#34
 Trichloroethene
 Concen: 6.956 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV009842.D
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Tot Ion: 95 Resp: 46865
 Ion Ratio Lower Upper
 95 100
 97 65.6 44.4 82.5
 132 93.5 66.4 123.4
 130 104.4 68.1 126.5

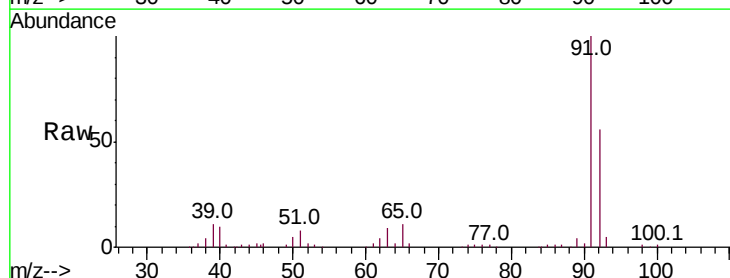


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

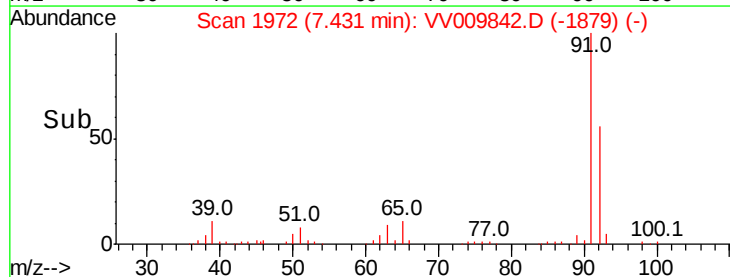
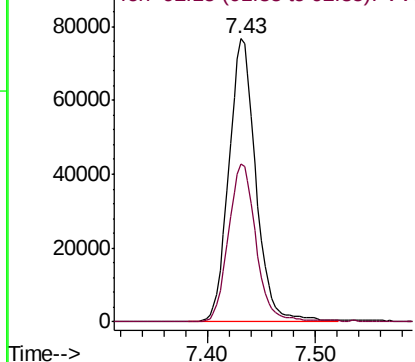


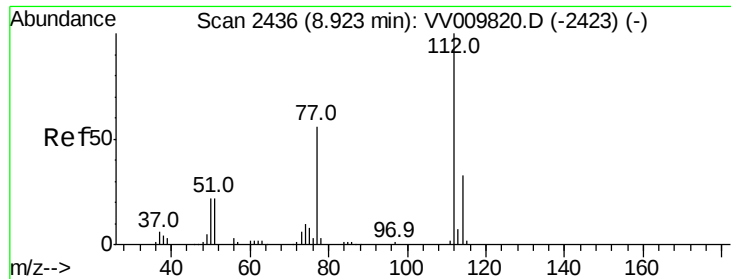
#42
 Toluene
 Concen: 4.453 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV009842.D
 Acq: 22 Mar 2019 21:33

Tgt Ion: 91 Resp: 134202
 Ion Ratio Lower Upper
 91 100
 92 55.8 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: 4.560 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV009842.D

Acq: 22 Mar 2019 21:33

Instrument :

MSVOA_V

ClientSampleId :

P001-TW001-03MSD

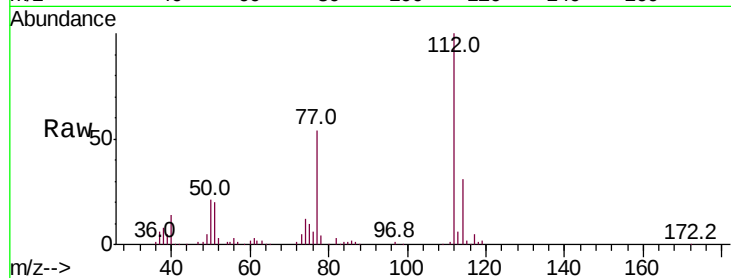
Tot Ion:112 Resp: 87980

Ion Ratio Lower Upper

112 100

114 30.6 21.8 40.4

77 54.0 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

