

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090619\
 Data File : VV012594.D
 Acq On : 06 Sep 2019 12:22
 Operator : SY/MD
 Sample : K4685-10
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD79

Quant Time: Sep 06 12:57:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 06 03:49:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	148393	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66531	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	67079	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.13	63	106455	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.96	46	162881	60.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.36%
24) Chloroform-d	4.40	84	106918	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.08	65	60445	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.10	84	194053	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.12	67	64452	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	150517	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.67	79	19130	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.14	63	90159	54.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44911	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	49911	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

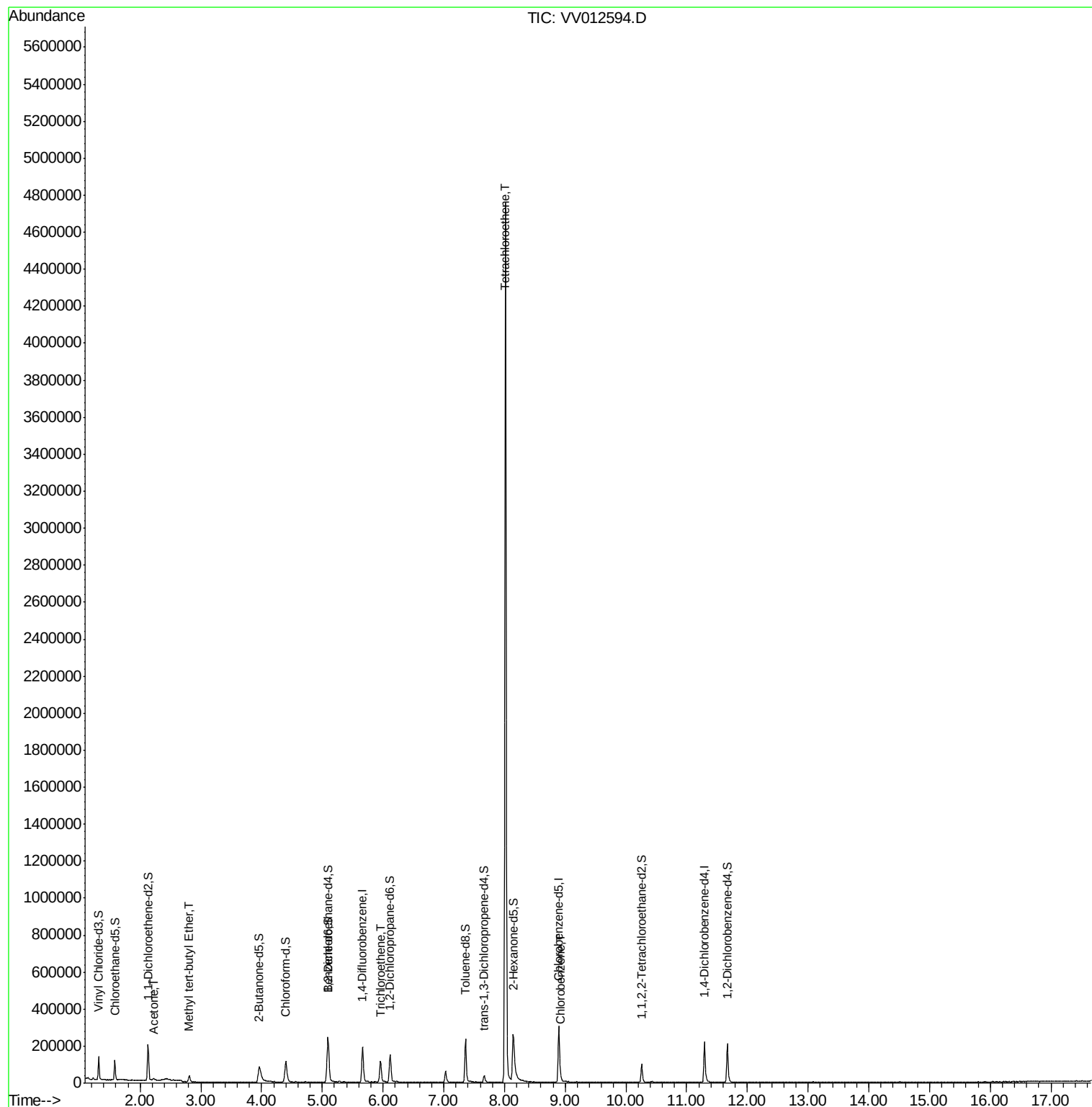
					Ovalue
13) Acetone	2.22	43	13055	3.976	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	29228	1.022	ug/L 99
34) Trichloroethene	5.96	95	34167	2.248	ug/L 97
47) Tetrachloroethene	8.02	164	941093	84.938	ug/L 97
51) Chlorobenzene	8.93	112	12348	0.337	ug/L 100

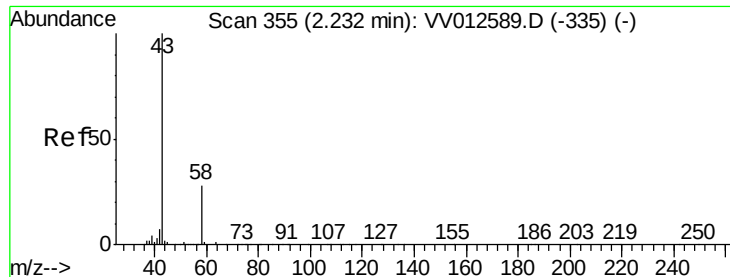
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.976 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

Lab File: VV012594.D

Acq: 06 Sep 2019 12:22

Instrument :

MSVOA_V

ClientSampled :

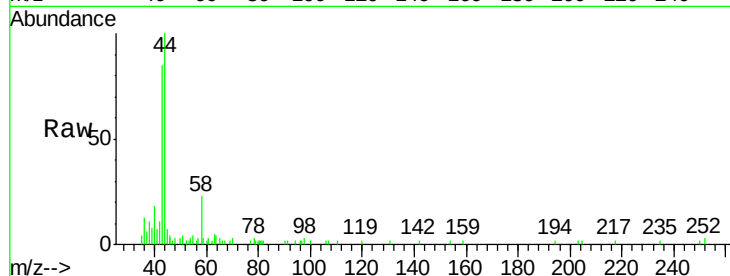
BFD79

Tot Ion: 43 Resp: 13055

Ion Ratio Lower Upper

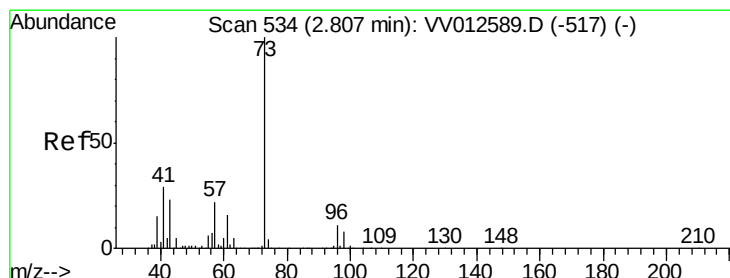
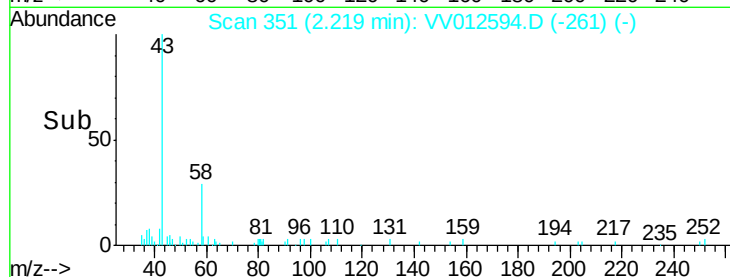
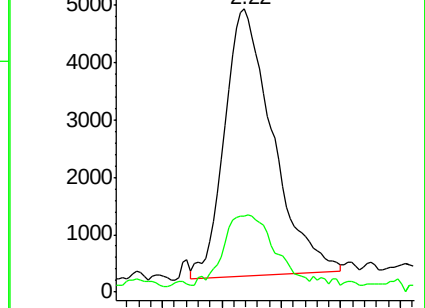
43 100

58 29.1 0.0 57.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#17

Methyl tert-butyl Ether

Concen: 1.022 ug/L

RT: 2.81 min Scan# 534

Delta R.T. -0.00 min

Lab File: VV012594.D

Acq: 06 Sep 2019 12:22

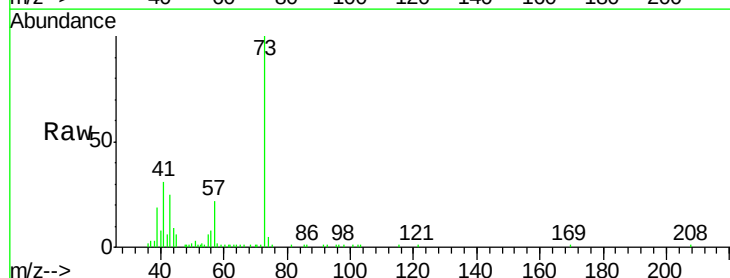
Tgt Ion: 73 Resp: 29228

Ion Ratio Lower Upper

73 100

43 22.9 18.9 28.3

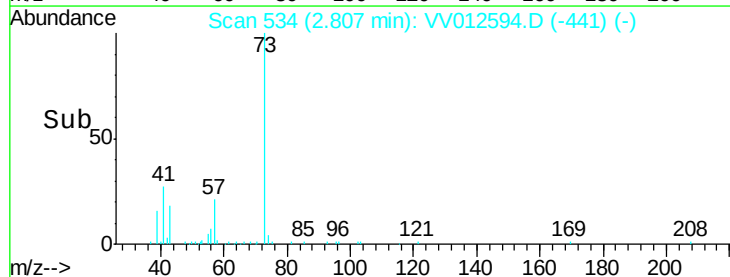
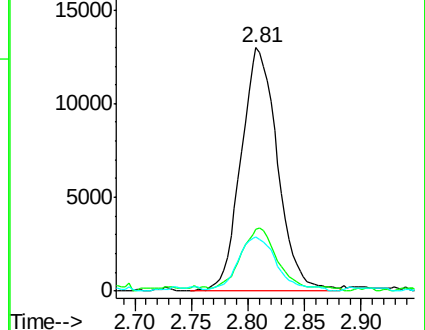
57 23.9 18.9 28.3

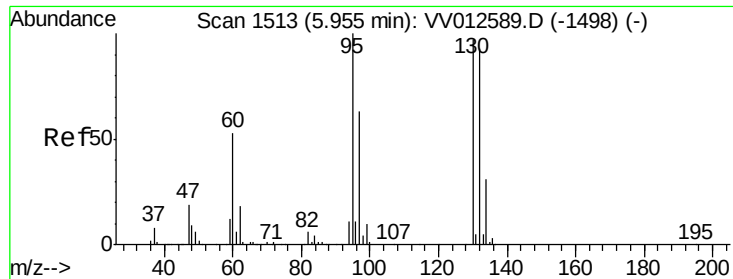


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

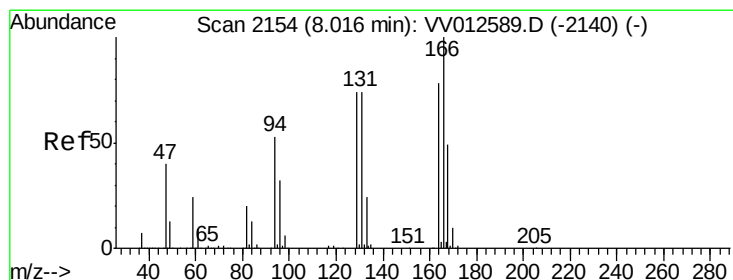
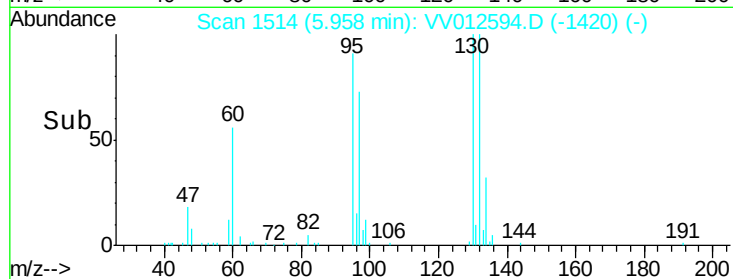
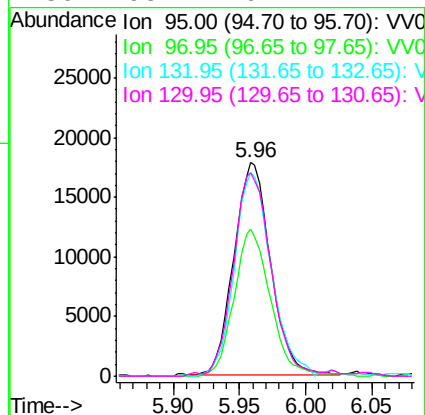
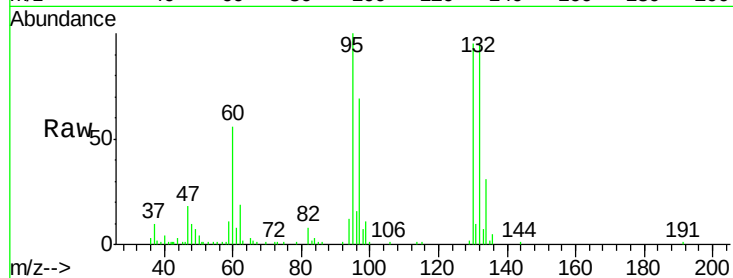




#34
 Trichloroethene
 Concen: 2.248 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012594.D
 Acq: 06 Sep 2019 12:22

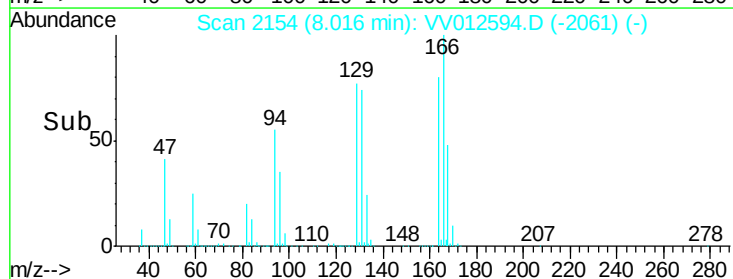
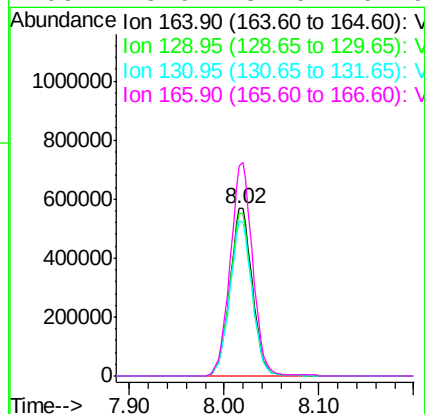
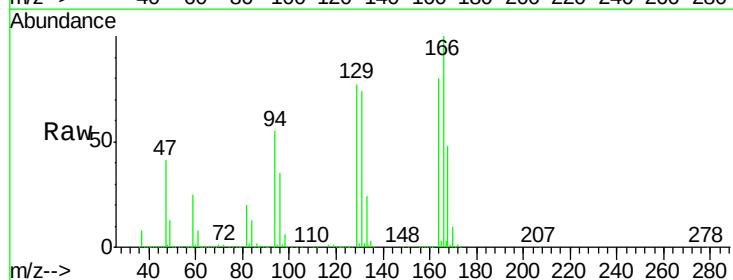
Instrument :
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 ClientSampled :
 BFD79

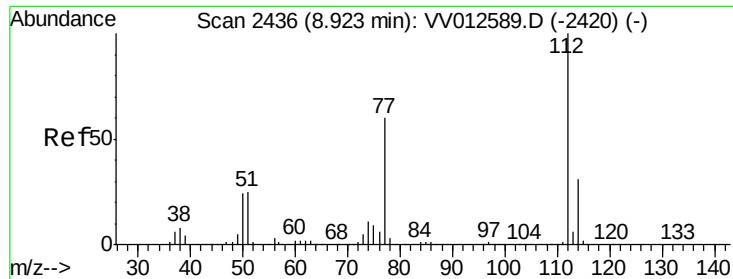
Tot Ion:	95	Resp:	34167
Ion	Ratio	Lower	Upper
95	100		
97	69.0	43.9	81.5
132	95.0	64.8	120.4
130	95.2	67.1	124.7



#47
 Tetrachloroethene
 Concen: 84.938 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV012594.D
 Acq: 06 Sep 2019 12:22

Tgt Ion:	164	Resp:	941093
Ion	Ratio	Lower	Upper
164	100		
129	97.1	65.0	120.6
131	92.4	62.0	115.2
166	125.6	87.0	161.6





#51

Chlorobenzene

Concen: 0.337 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV012594.D

Acq: 06 Sep 2019 12:22

Instrument :
MSVOA_V
ClientSampleId :
BFD79

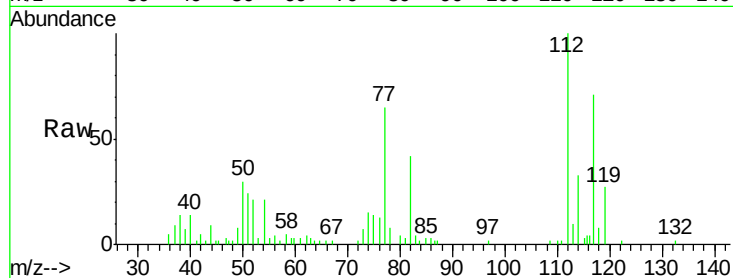
Tot Ion:112 Resp: 12348

Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.3

77 64.6 51.7 77.5



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

