

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
 Data File : VU030372.D
 Acq On : 24 Mar 2019 15:50
 Operator : JC/SP
 Sample : K2016-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0983

Quant Time: Mar 25 04:40:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 25 03:20:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	396126	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	371814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153528	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135369	42.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.92%
7) Chloroethane-d5	1.68	69	115484	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.27	63	199973	33.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.14%
21) 2-Butanone-d5	4.17	46	271191	90.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.49%
24) Chloroform-d	4.64	84	255308	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	5.31	65	171370	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
32) Benzene-d6	5.34	84	518788	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
36) 1,2-Dichloropropane-d6	6.33	67	186009	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.98%
41) Toluene-d8	7.56	98	451242	47.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.24%
43) trans-1,3-Dichloropropene-	7.85	79	71124	41.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.92%
47) 2-Hexanone-d5	8.31	63	177502	89.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.79%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	245588	47.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	156099	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%

Target Compounds

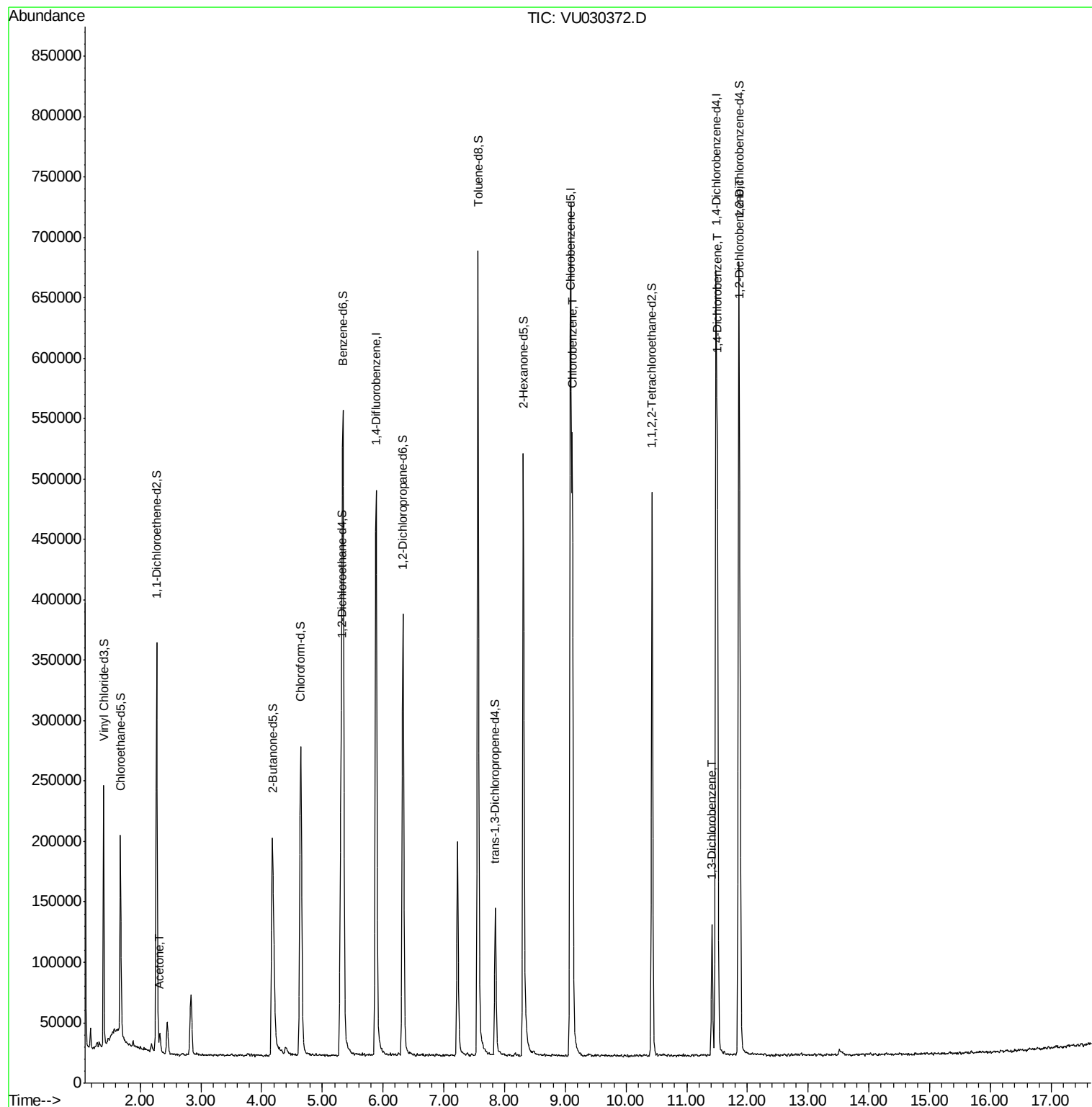
					Ovalue
13) Acetone	2.32	43	14091	4.649	ug/L 99
51) Chlorobenzene	9.12	112	251432	31.583	ug/L 97
62) 1,3-Dichlorobenzene	11.41	146	43959	8.755	ug/L 96
63) 1,4-Dichlorobenzene	11.50	146	175245	33.905	ug/L 99
65) 1,2-Dichlorobenzene	11.87	146	97666	19.238	ug/L 98

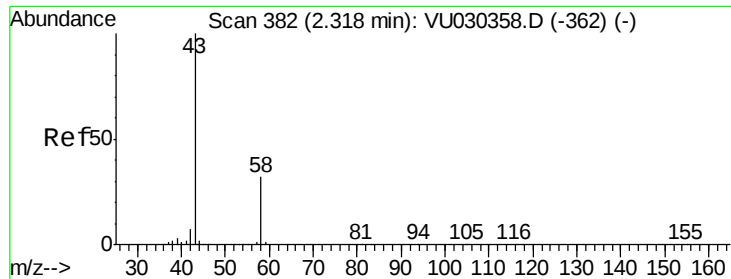
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.649 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030372.D

Acq: 24 Mar 2019 15:50

Instrument :

MSVOA_U

ClientSampleId :

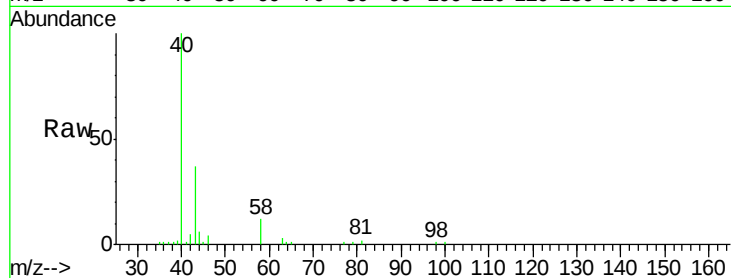
C0983

Tot Ion: 43 Resp: 14091

Ion Ratio Lower Upper

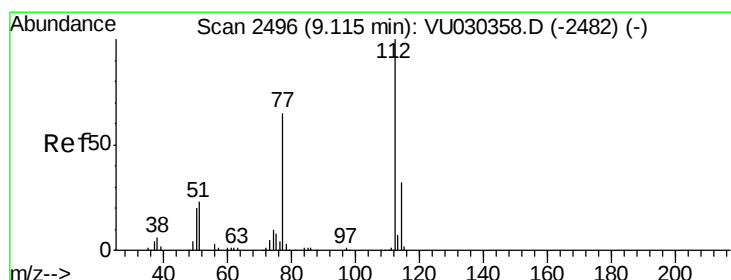
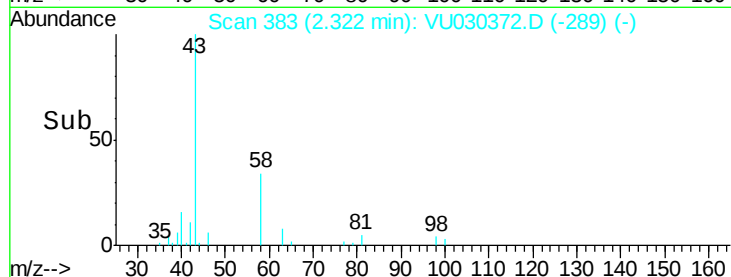
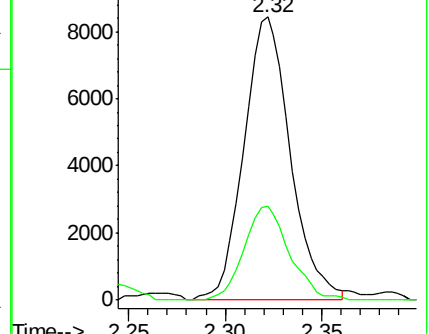
43 100

58 32.2 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU030372.D (-289) (-)

Ion 58.00 (57.70 to 58.70): VU030372.D (-289) (-)



#51

Chlorobenzene

Concen: 31.583 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU030372.D

Acq: 24 Mar 2019 15:50

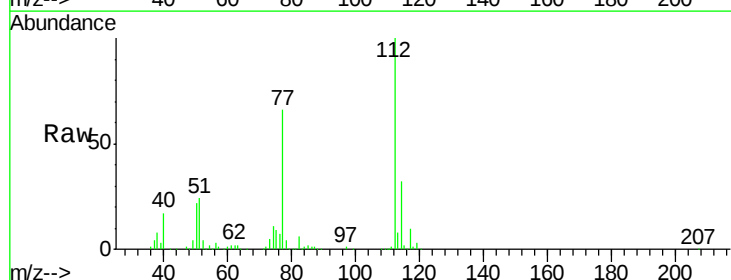
Tgt Ion: 112 Resp: 251432

Ion Ratio Lower Upper

112 100

114 32.2 21.5 39.9

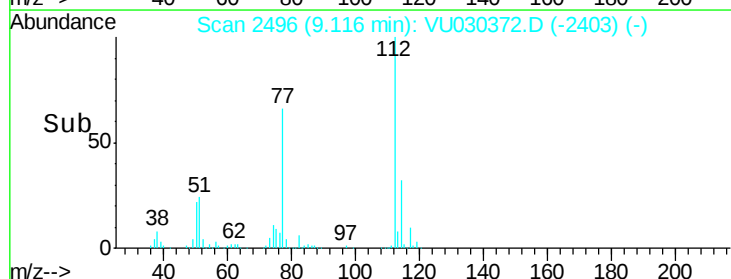
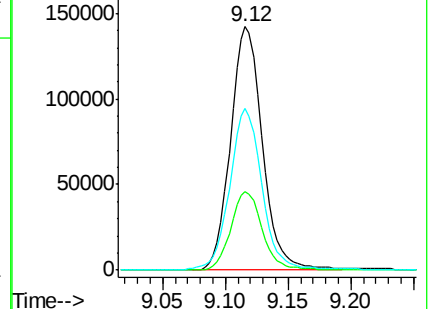
77 66.2 51.4 77.0

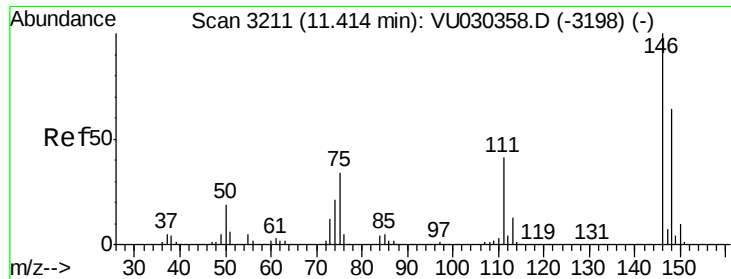


Abundance Ion 112.00 (111.70 to 112.70): VU030372.D (-2403) (-)

Ion 114.00 (113.70 to 114.70): VU030372.D (-2403) (-)

Ion 77.00 (76.70 to 77.70): VU030372.D (-2403) (-)

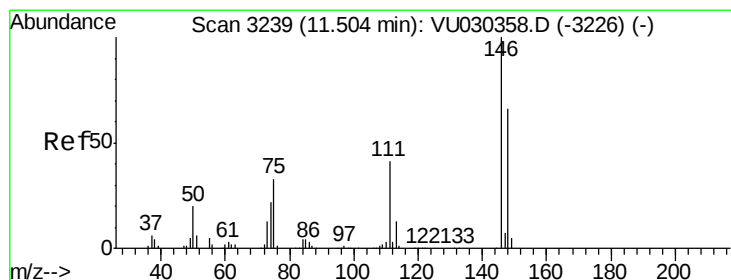
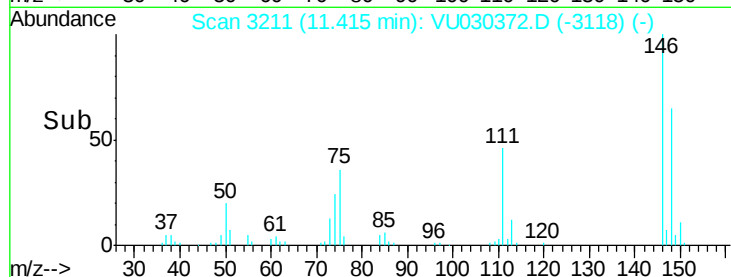
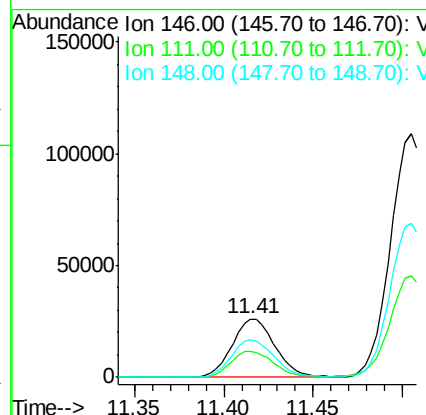
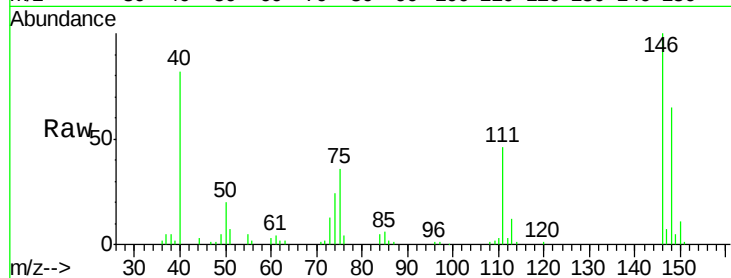




#62
 1,3-Dichlorobenzene
 Concen: 8.755 ug/L
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU030372.D
 Acq: 24 Mar 2019 15:50

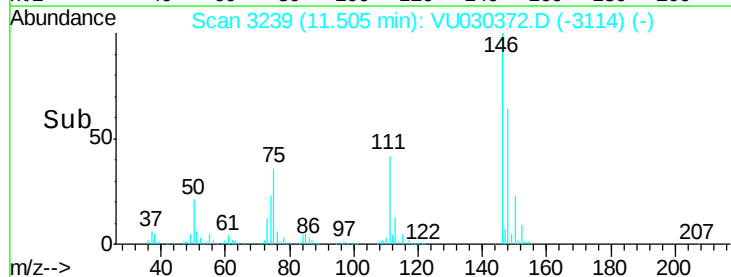
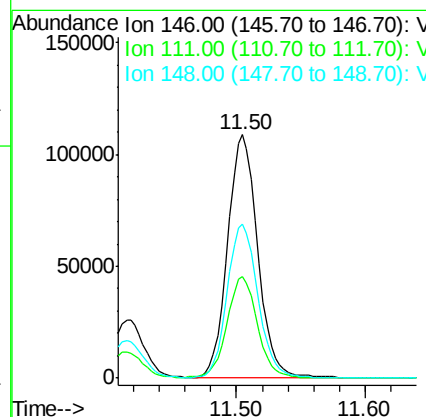
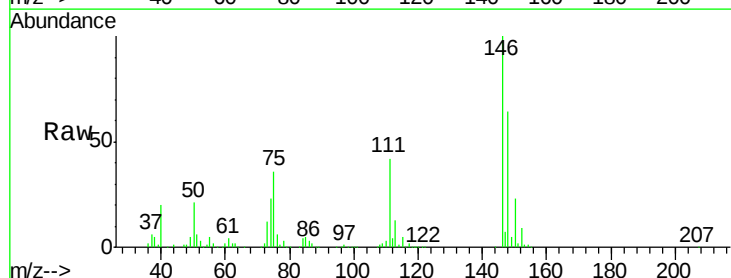
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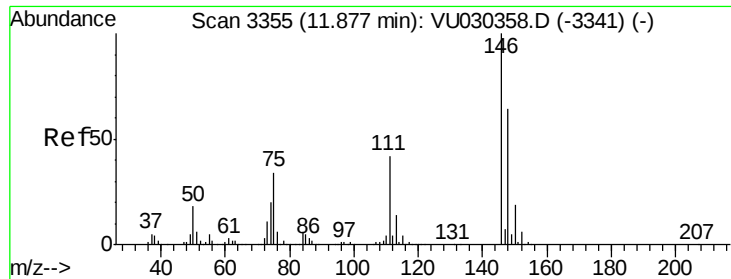
Tot Ion:146 Resp: 43959
 Ion Ratio Lower Upper
 146 100
 111 45.6 29.2 54.2
 148 65.0 44.4 82.4



#63
 1,4-Dichlorobenzene
 Concen: 33.905 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030372.D
 Acq: 24 Mar 2019 15:50

Tgt Ion:146 Resp: 175245
 Ion Ratio Lower Upper
 146 100
 111 41.9 28.7 53.3
 148 63.5 44.3 82.3





#65

1,2-Dichlorobenzene

Concen: 19.238 ug/L

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VU030372.D

Acq: 24 Mar 2019 15:50

Instrument :

MSVOA_U

ClientSampleId :

C0983

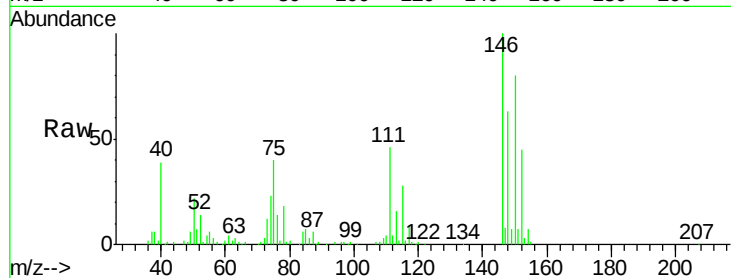
Tot Ion:146 Resp: 97666

Ion Ratio Lower Upper

146 100

111 45.9 34.9 52.3

148 62.7 51.2 76.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

