

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012320\
 Data File : VV014377.D
 Acq On : 23 Jan 2020 13:46
 Operator : SY/MD
 Sample : L1221-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B61

Quant Time: Jan 23 16:40:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 23 16:23:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	894110	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	816131	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	369894	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	235195	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.58	69	207296	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.13	63	271950	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	3.95	46	719233	47.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.72%
24) Chloroform-d	4.40	84	590330	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.08	65	289852	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.09	84	1159421	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.11	67	390200	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.35	98	944024	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.66	79	148974	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.13	63	778740	55.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.12%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	286742	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	337339	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

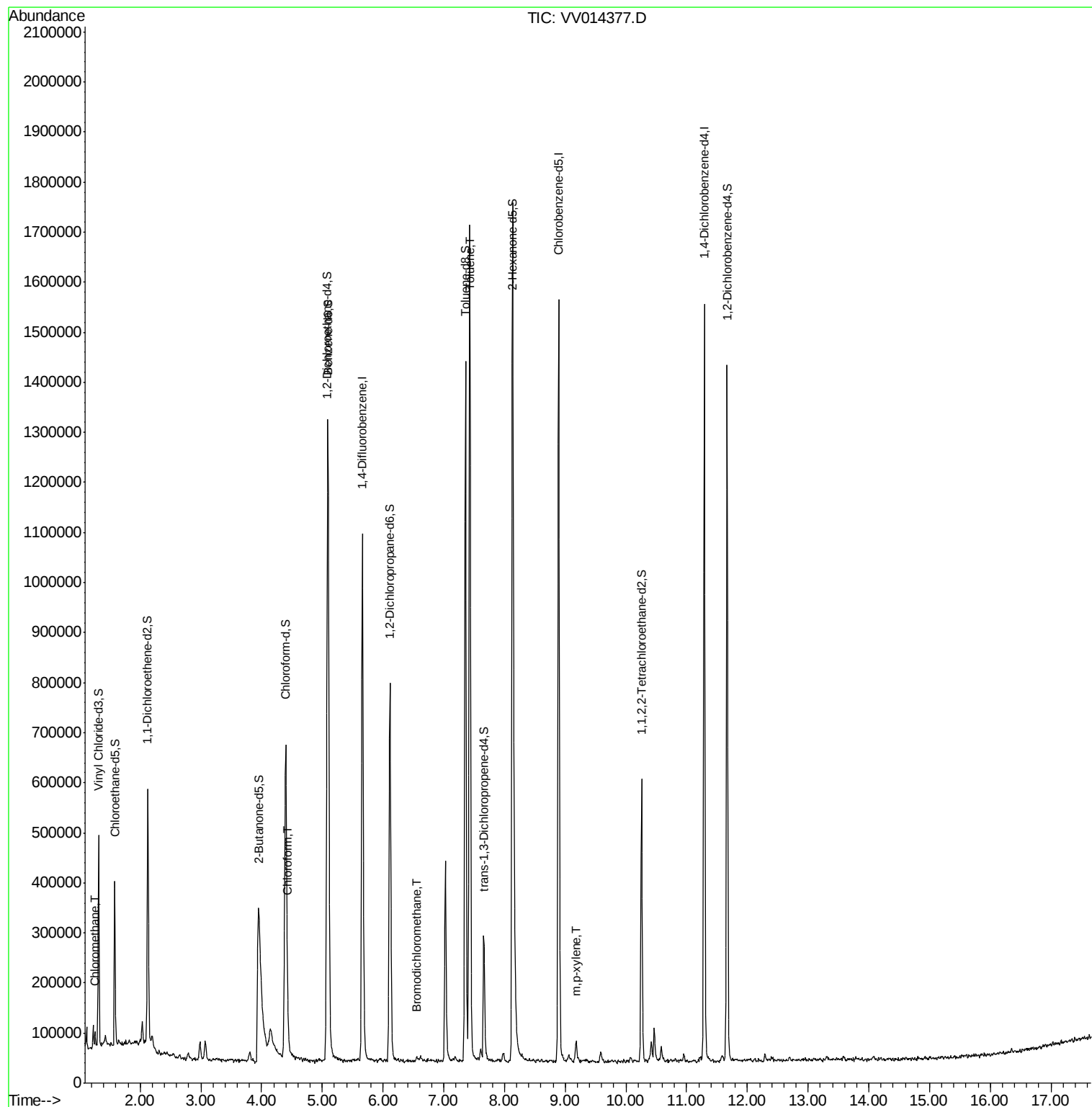
					Ovalue
3) Chloromethane	1.25	50	15309	0.228 ug/L	91
25) Chloroform	4.43	83	18374	0.163 ug/L	91
38) Bromodichloromethane	6.56	83	7494	0.092 ug/L #	96
42) Toluene	7.43	91	1222195	4.606 ug/L	98
53) m,p-xylene	9.18	106	13473	0.123 ug/L	97

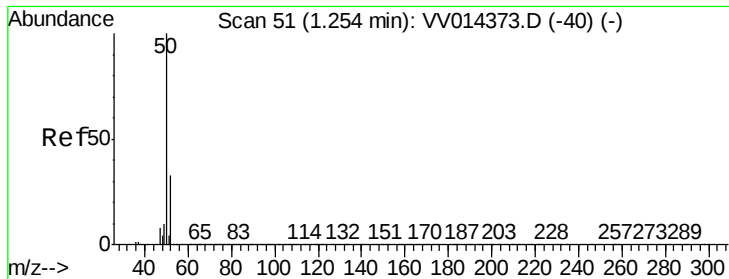
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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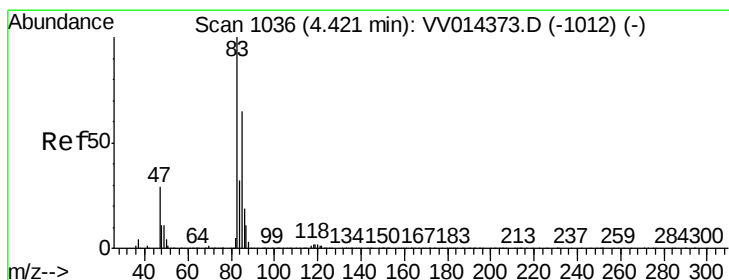
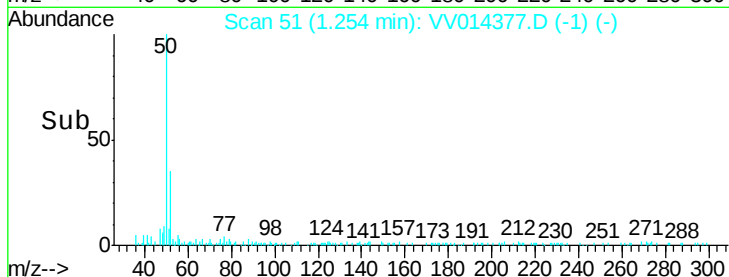
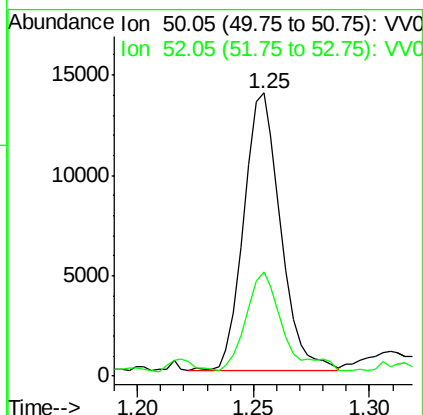
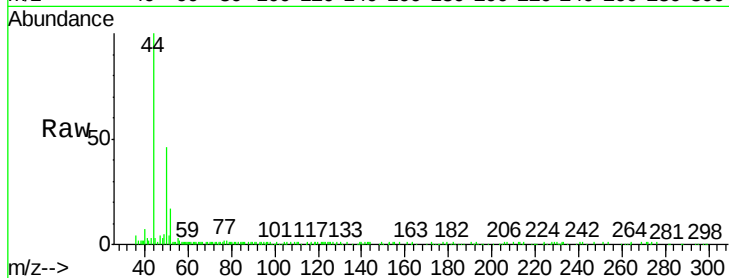




#3
Chloromethane
Concen: 0.228 ug/L
RT: 1.25 min Scan# 51
Delta R.T. -0.00 min
Lab File: VV014377.D
Acq: 23 Jan 2020 13:46

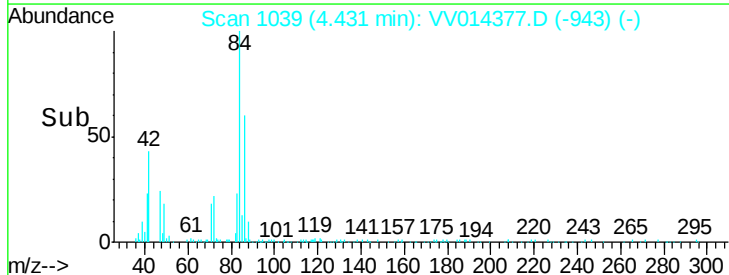
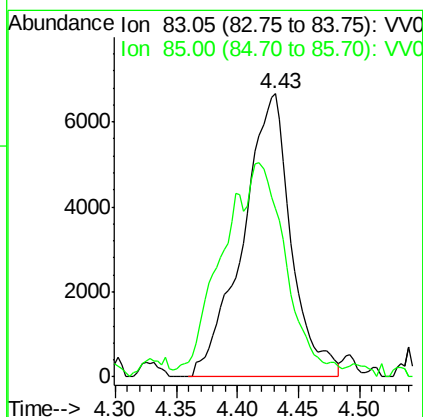
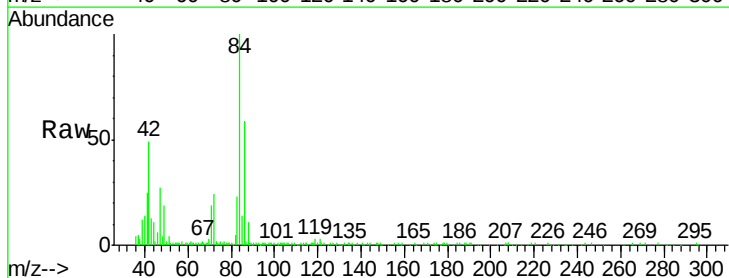
Instrument :
MSVOA_V
ClientSampleId :
C0B61

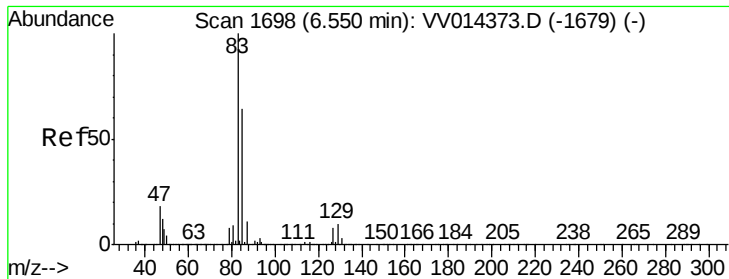
Tot Ion: 50 Resp: 15309
Ion Ratio Lower Upper
50 100
52 36.7 22.3 41.3



#25
Chloroform
Concen: 0.163 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV014377.D
Acq: 23 Jan 2020 13:46

Tgt Ion: 83 Resp: 18374
Ion Ratio Lower Upper
83 100
85 59.2 46.2 85.8





#38

Bromodichloromethane

Concen: 0.092 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.01 min

Lab File: VV014377.D

Acq: 23 Jan 2020 13:46

Instrument :

MSVOA_V

ClientSampleId :

C0B61

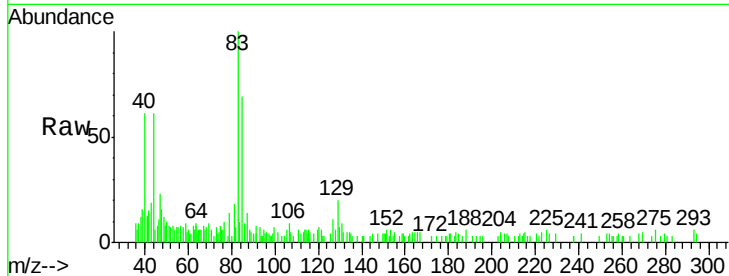
Tot Ion: 83 Resp: 7494

Ion Ratio Lower Upper

83 100

85 69.3 46.4 86.2

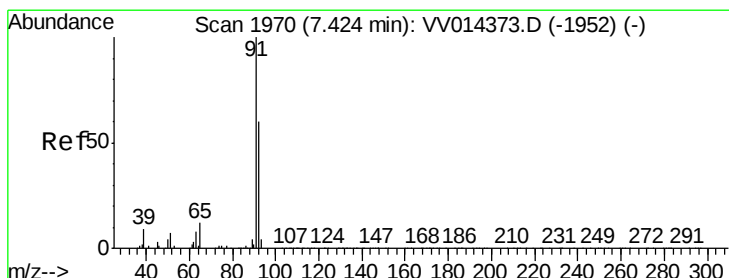
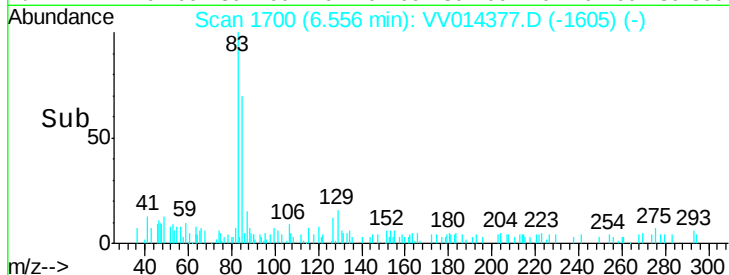
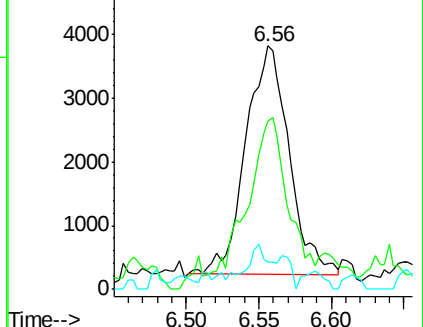
127 11.3 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VV014377.D (-1695) (-)

Ion 85.00 (84.70 to 85.70): VV014377.D (-1695) (-)

Ion 126.90 (126.60 to 127.60): VV014377.D (-1695) (-)



#42

Toluene

Concen: 4.606 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV014377.D

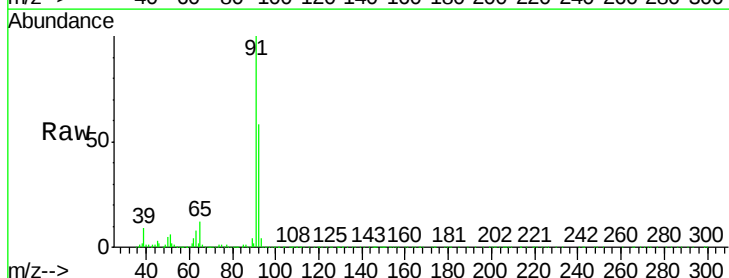
Acq: 23 Jan 2020 13:46

Tgt Ion: 91 Resp: 1222195

Ion Ratio Lower Upper

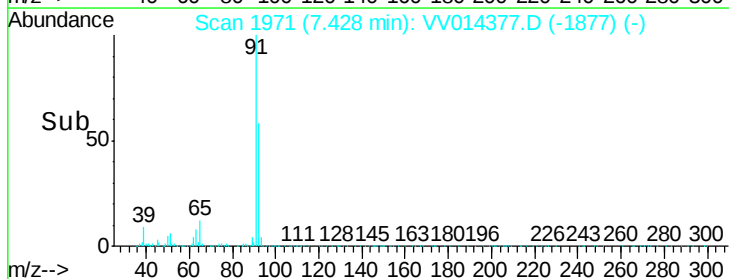
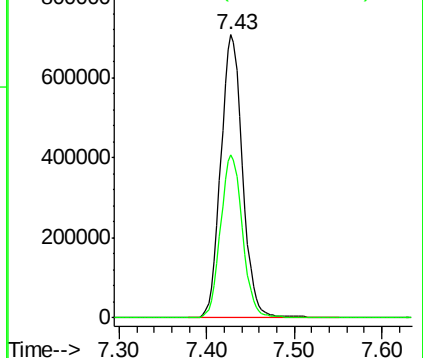
91 100

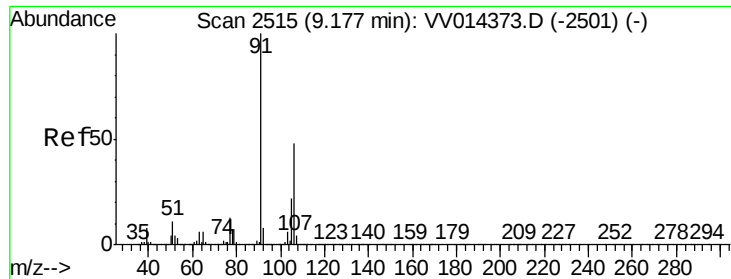
92 57.6 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV014377.D (-1877) (-)

Ion 92.15 (91.85 to 92.85): VV014377.D (-1877) (-)





#53

m,p-xylene

Concen: 0.123 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV014377.D

Acq: 23 Jan 2020 13:46

Instrument :

MSVOA_V

ClientSampleId :

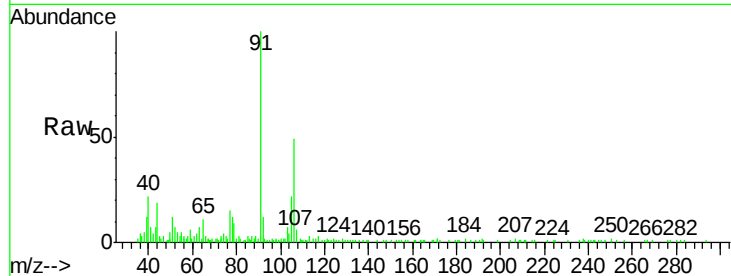
C0B61

Tot Ion:106 Resp: 13473

Ion Ratio Lower Upper

106 100

91 205.0 146.8 272.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

