

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011280.D
 Acq On : 16 Jul 2019 12:36
 Operator : SY/VA
 Sample : K3755-05MS
 Misc : 4.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB911MS

Quant Time: Jul 17 07:56:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	339412	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	310054	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145201	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	74984	14.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.88%
7) Chloroethane-d5	2.88	69	62184	17.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.40%
10) 1,1-Dichloroethene-d2	4.02	63	200698	18.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.16%
20) 2-Butanone-d5	7.07	46	86130	42.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.38%
24) Chloroform-d	7.65	84	195501	21.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.04%
26) 1,2-Dichloroethane-d4	8.30	65	122166	21.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.28%
29) Benzene-d6	8.27	84	390229	20.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.72%
33) 1,2-Dichloropropane-d6	9.27	67	134747	21.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.64%
37) Toluene-d8	10.32	98	339164	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.72%
38) trans-1,3-Dichloropropene-	10.58	79	49859	18.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.40%
39) 2-Hexanone-d5	10.93	63	55102	38.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111423	21.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	124166	22.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.12%

Target Compounds

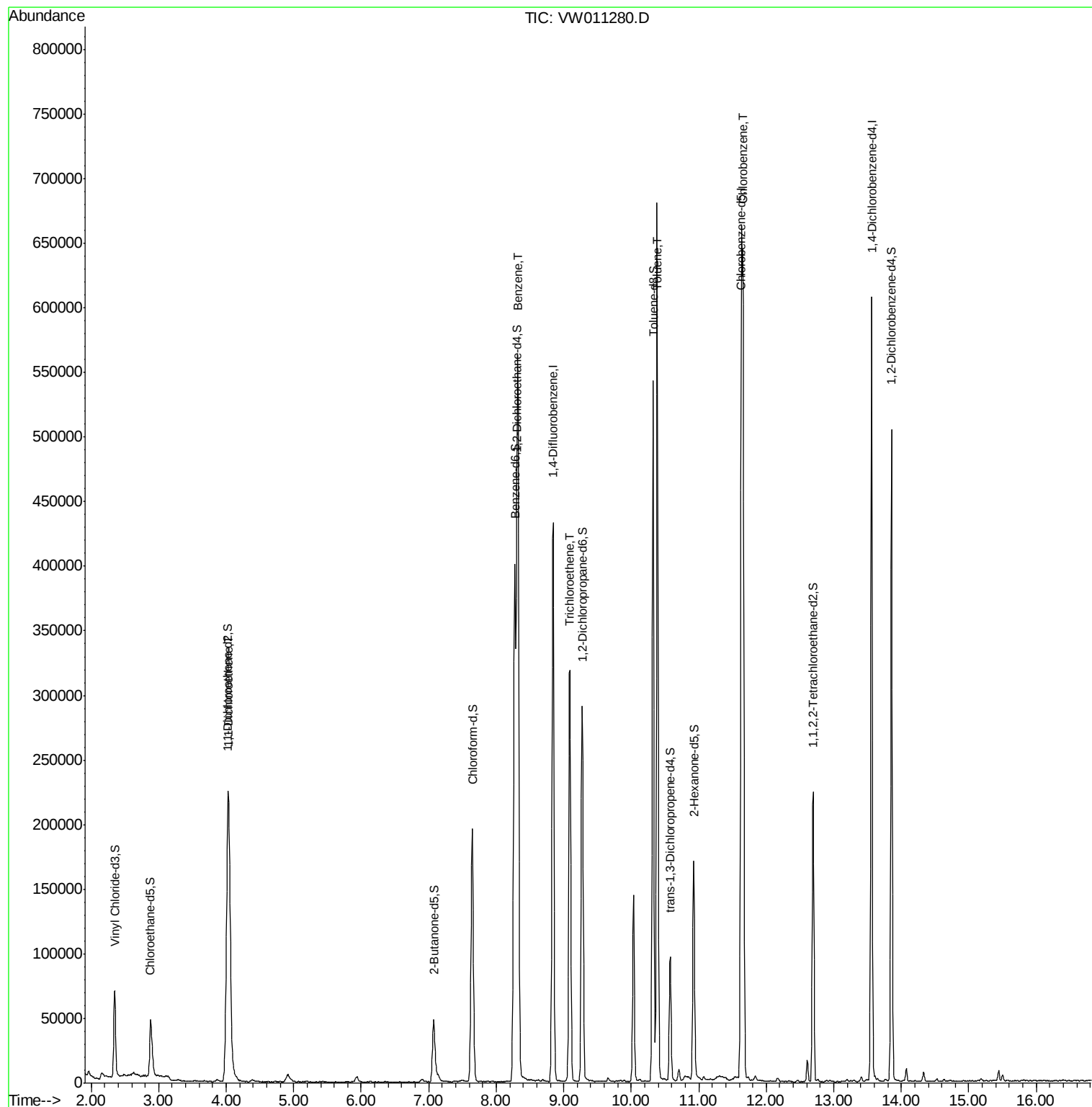
					Ovalue
12) 1,1-Dichloroethene	4.04	96	96759	21.693 ug/L	84
34) Benzene	8.32	78	453704	23.413 ug/L	100
35) Trichloroethene	9.09	95	114059	23.325 ug/L	98
44) Toluene	10.38	91	472366	23.551 ug/L	98
52) Chlorobenzene	11.66	112	285532	23.302 ug/L	99

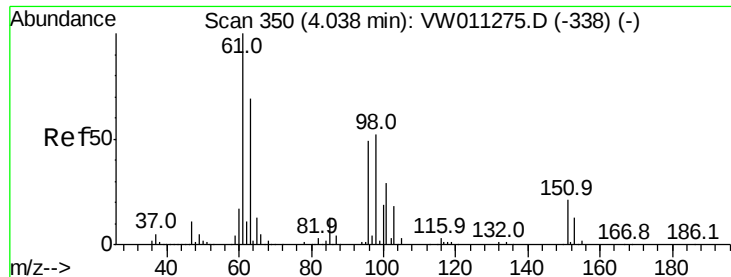
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 17 07:20:32 2019
Response via : Initial Calibration

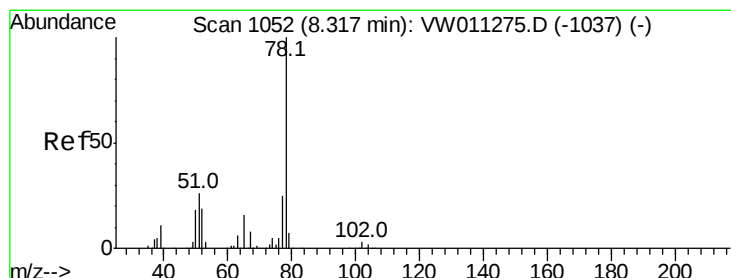
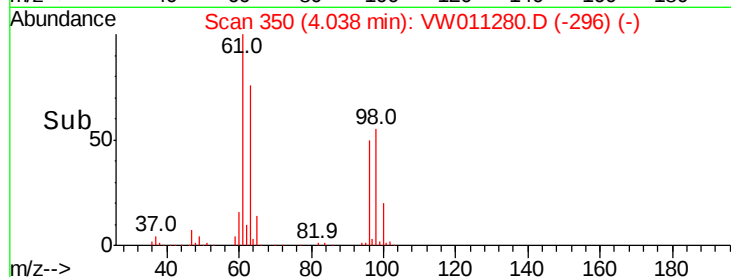
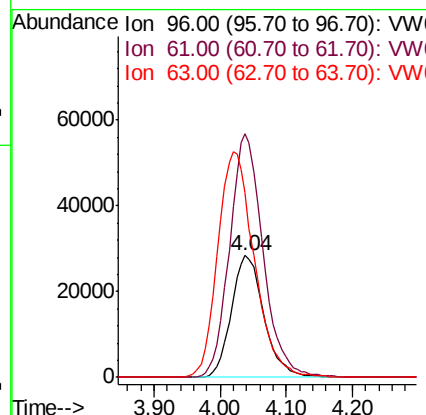
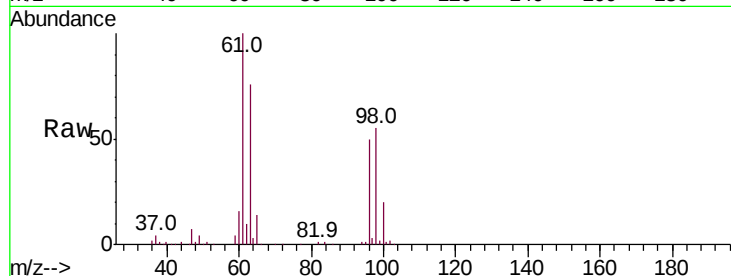




#12
 1,1-Dichloroethene
 Concen: 21.693 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011280.D
 Acq: 16 Jul 2019 12:36

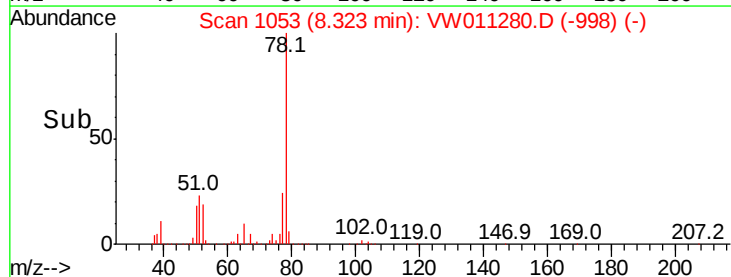
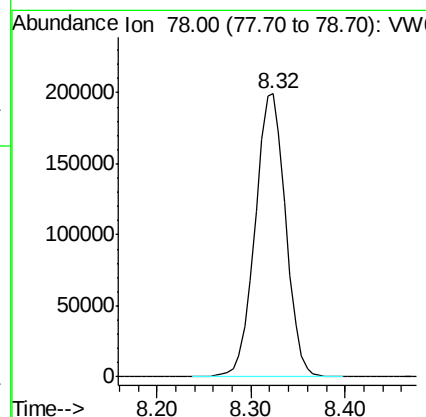
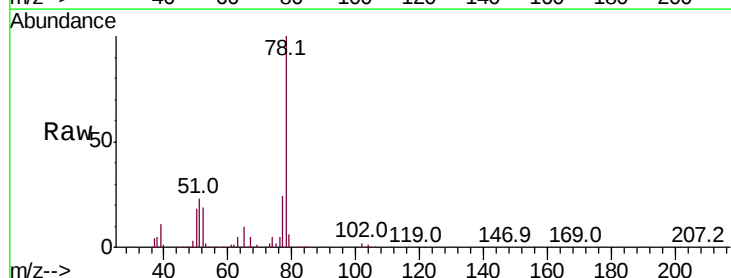
Instrument :
 MSVOA_W
 ClientSampleId :
 DB911MS

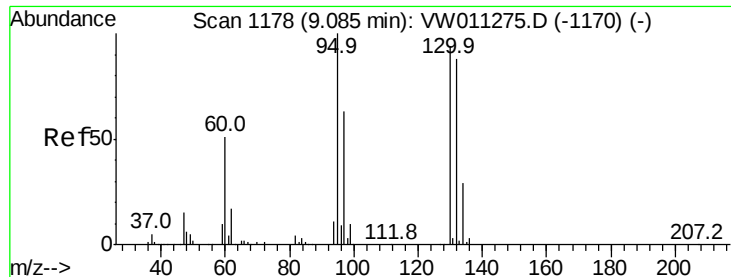
Tot Ion: 96 Resp: 96759
 Ion Ratio Lower Upper
 96 100
 61 200.0 142.2 264.0
 63 152.1 138.9 257.9



#34
 Benzene
 Concen: 23.413 ug/L
 RT: 8.32 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VW011280.D
 Acq: 16 Jul 2019 12:36

Tgt Ion: 78 Resp: 453704





#35

Trichloroethene

Concen: 23.325 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW011280.D

Acq: 16 Jul 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

DB911MS

Tot Ion: 95 Resp: 114059

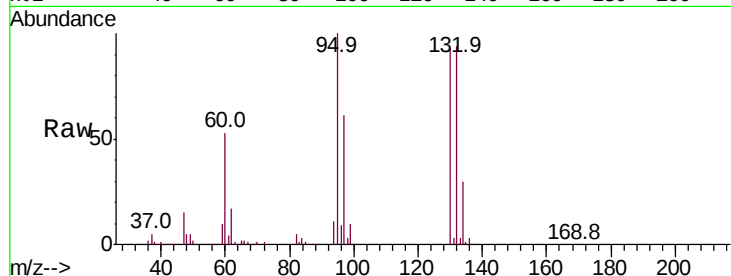
Ion Ratio Lower Upper

95 100

97 63.1 45.4 84.2

132 91.8 65.0 120.8

130 94.7 67.8 126.0

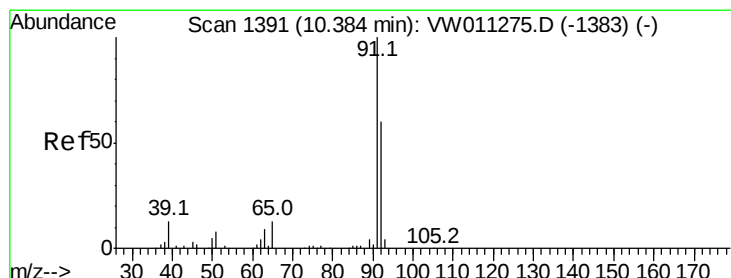
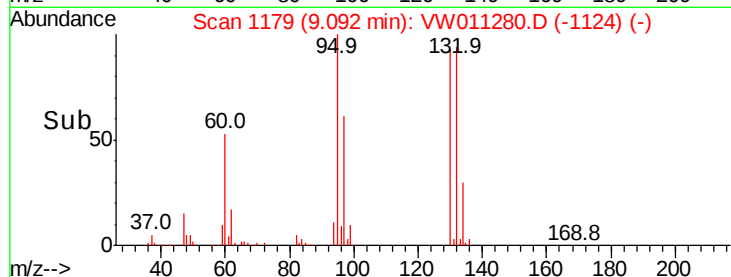
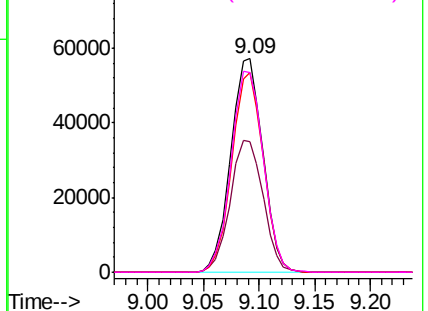


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

Toluene

Concen: 23.551 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011280.D

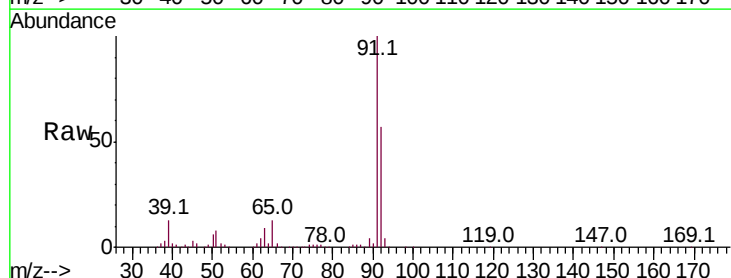
Acq: 16 Jul 2019 12:36

Tgt Ion: 91 Resp: 472366

Ion Ratio Lower Upper

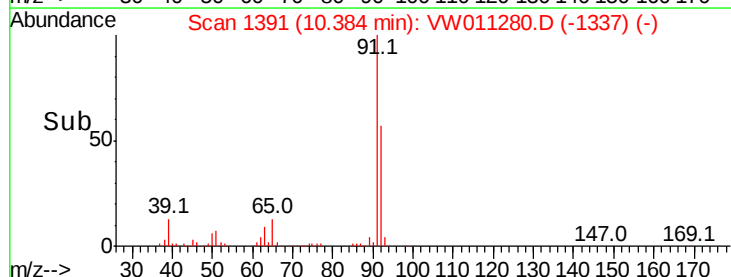
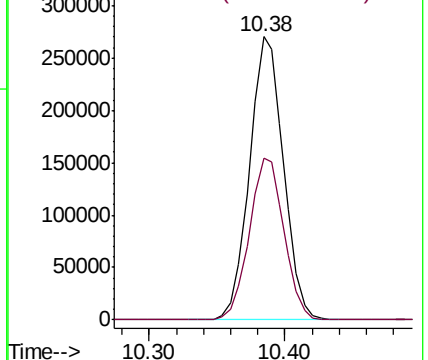
91 100

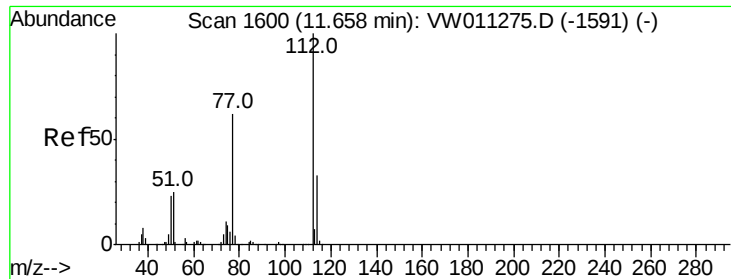
92 57.1 40.8 75.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52

Chlorobenzene

Concen: 23.302 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW011280.D

Acq: 16 Jul 2019 12:36

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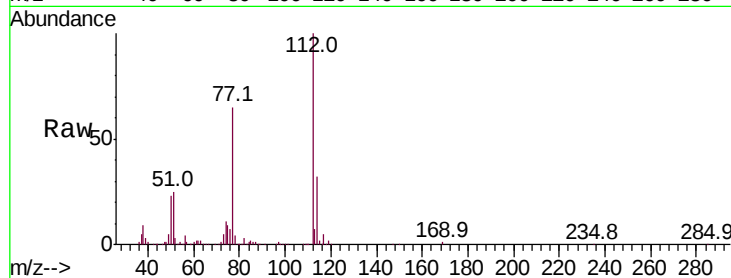
Tot Ion:112 Resp: 285532

Ion Ratio Lower Upper

112 100

77 65.1 51.2 76.8

114 31.9 22.0 40.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

