

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004912.D
 Acq On : 23 Aug 2018 23:01
 Operator : SY/AP
 Sample : J4628-07MSD
 Misc : 6.85G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3F2MSD

Quant Time: Aug 24 07:29:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 07:12:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	622754	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	612405	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	223548	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	269997	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.76%
7) Chloroethane-d5	2.89	69	210992	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.72%
10) 1,1-Dichloroethene-d2	4.03	63	348799	23.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.84%
20) 2-Butanone-d5	7.09	46	91739	38.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.58%
24) Chloroform-d	7.65	84	336146	24.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	8.31	65	196464	26.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.60%
29) Benzene-d6	8.28	84	768988	24.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.64%
33) 1,2-Dichloropropane-d6	9.28	67	239872	25.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.68%
37) Toluene-d8	10.33	98	771326	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.44%
38) trans-1,3-Dichloropropene-	10.59	79	84720	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.08%
39) 2-Hexanone-d5	10.93	63	77758	33.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.82%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	220446	23.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	230869	25.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.84%

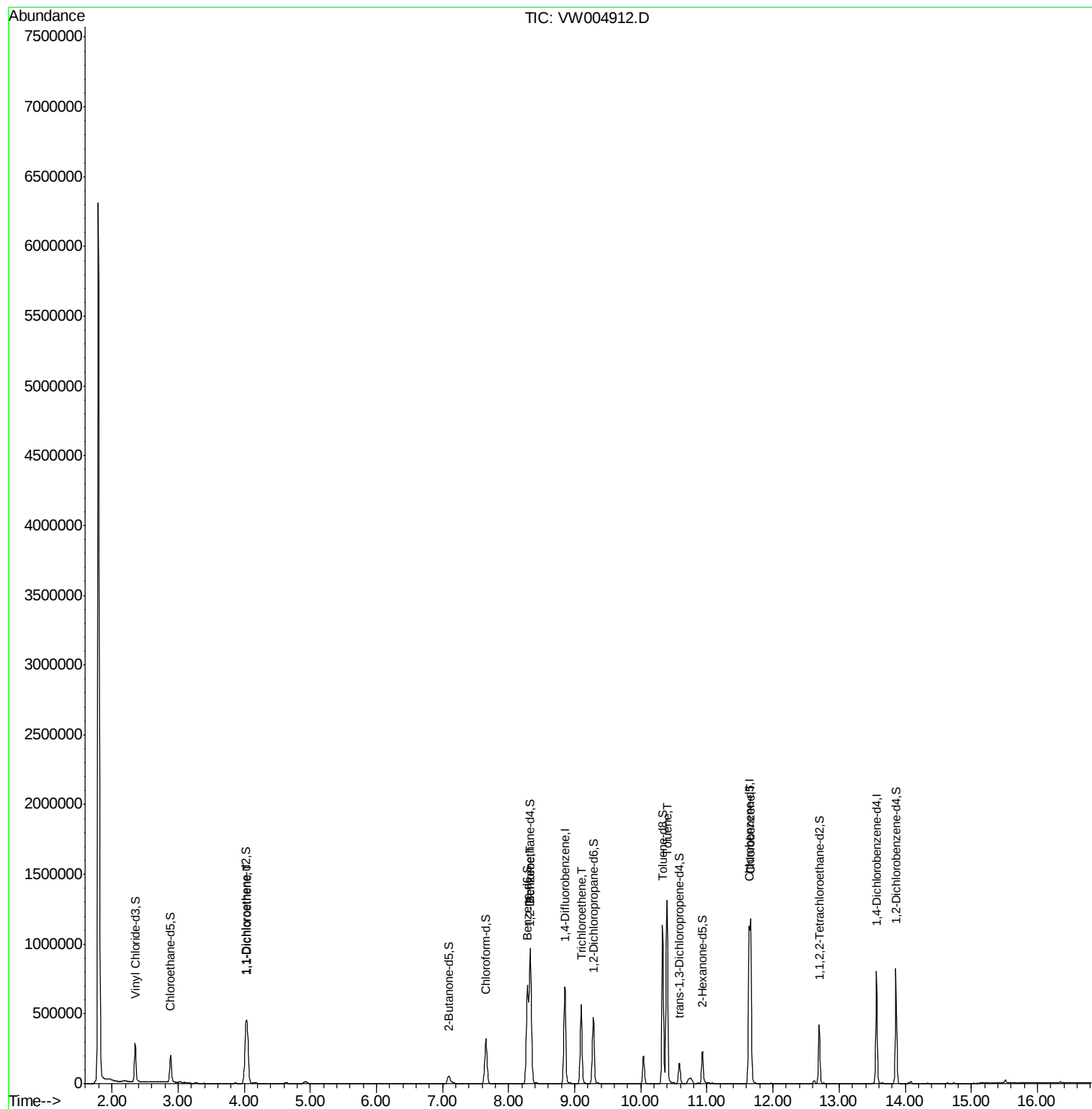
Target Compounds						Ovalue
12) 1,1-Dichloroethene	4.04	96	177091	24.43	ug/L	94
34) Benzene	8.33	78	869746	24.91	ug/L	100
35) Trichloroethene	9.10	95	203545	23.44	ug/L	99
44) Toluene	10.40	91	1022410	24.38	ug/L	100
52) Chlorobenzene	11.66	112	624561	22.42	ug/L	98

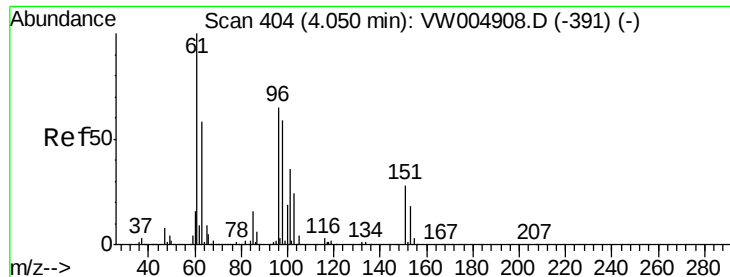
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 24 07:12:16 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.43 ug/L

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW004912.D

Acq: 23 Aug 2018 23:01

Instrument :

MSVOA_W

ClientSampleId :

DB3F2MSD

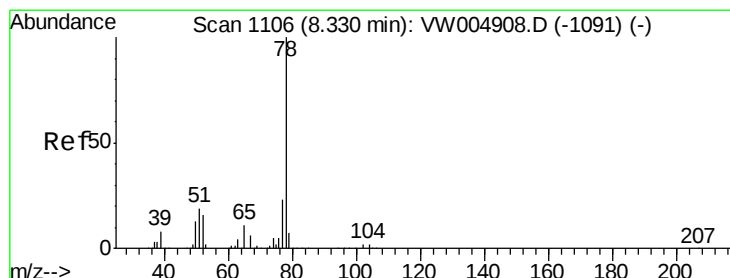
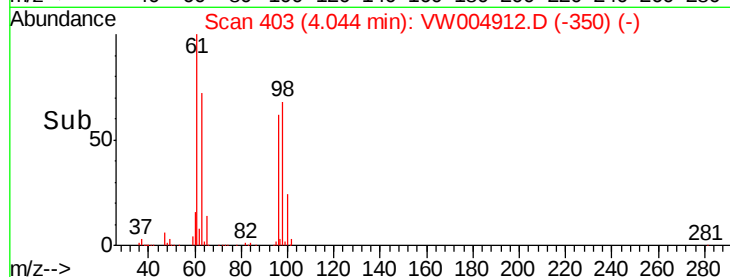
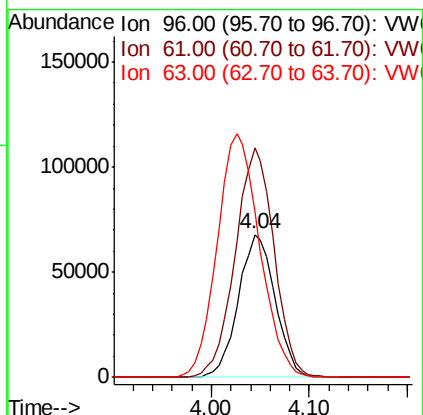
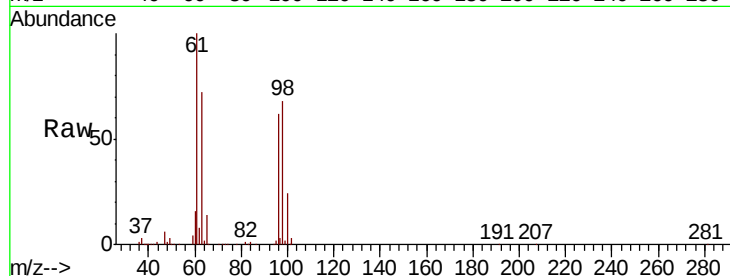
Tot Ion: 96 Resp: 177091

Ion Ratio Lower Upper

96 100

61 160.6 107.0 198.8

63 116.4 76.9 142.7



#34

Benzene

Concen: 24.91 ug/L

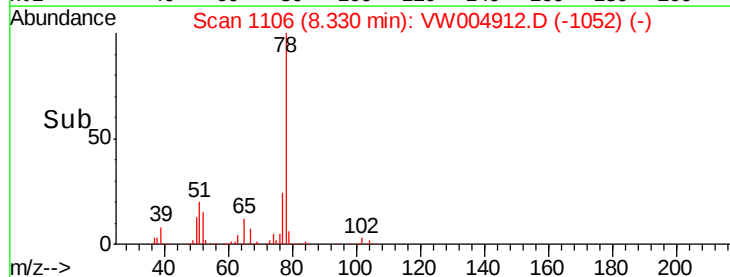
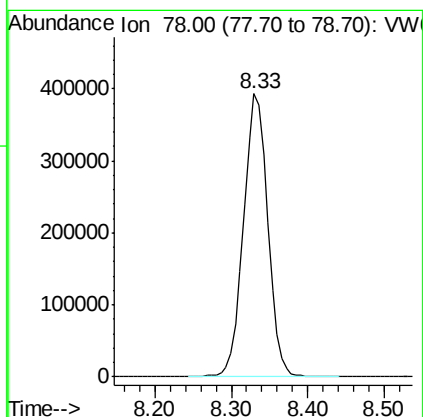
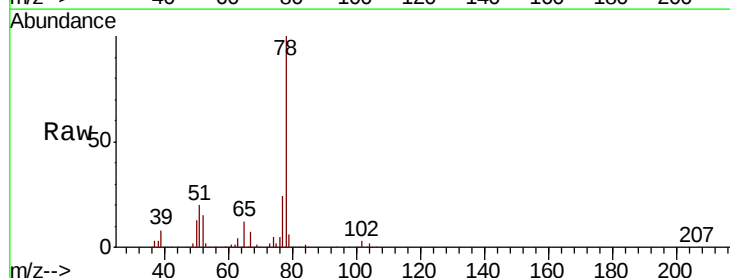
RT: 8.33 min Scan# 1106

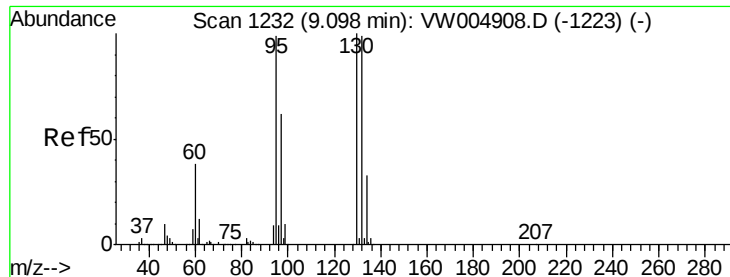
Delta R.T. -0.00 min

Lab File: VW004912.D

Acq: 23 Aug 2018 23:01

Tgt Ion: 78 Resp: 869746





#35

Trichloroethene

Concen: 23.44 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW004912.D

Acq: 23 Aug 2018 23:01

Instrument :

MSVOA_W

ClientSampleId :

DB3F2MSD

Tot Ion: 95 Resp: 203545

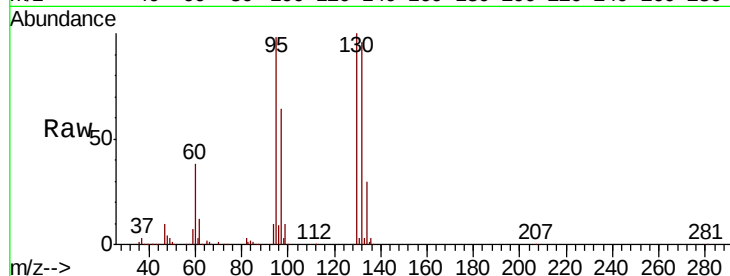
Ion Ratio Lower Upper

95 100

97 64.3 45.9 85.3

132 99.7 69.2 128.4

130 102.4 72.7 135.1

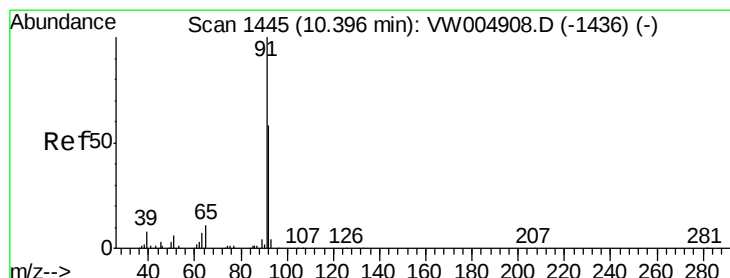
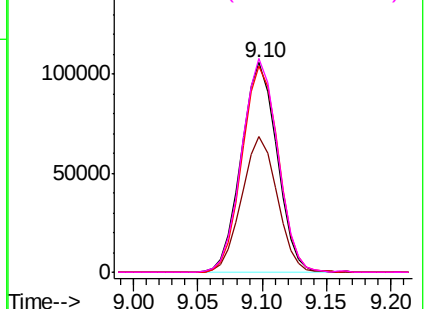
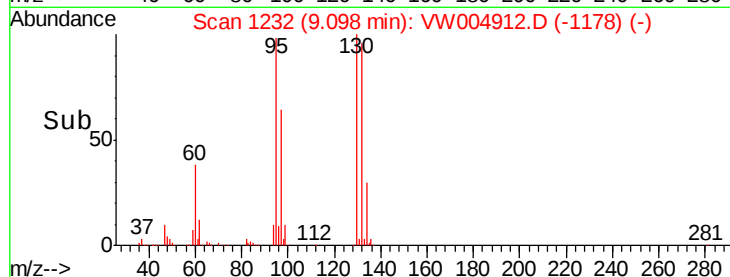


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 24.38 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW004912.D

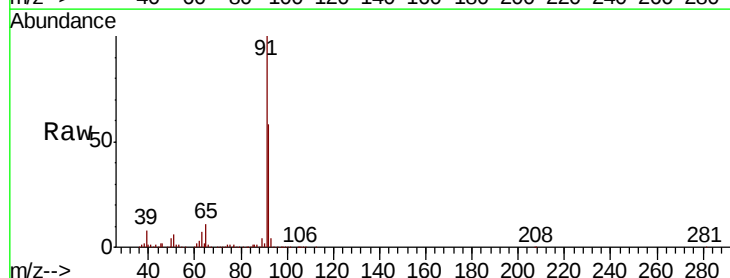
Acq: 23 Aug 2018 23:01

Tgt Ion: 91 Resp: 1022410

Ion Ratio Lower Upper

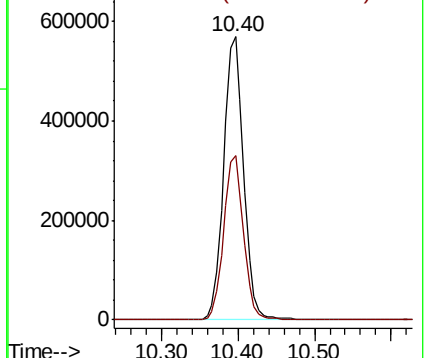
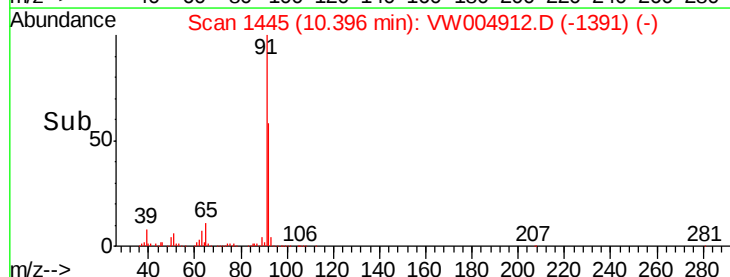
91 100

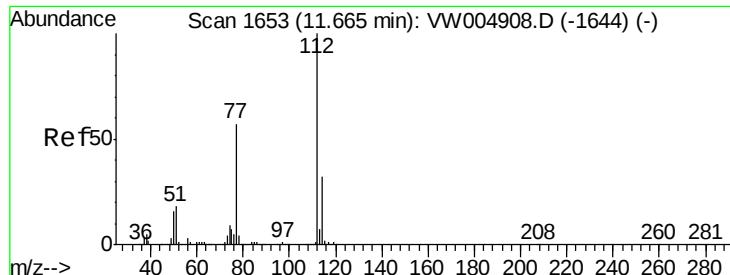
92 58.1 40.6 75.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52

Chlorobenzene

Concen: 22.42 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW004912.D

Acq: 23 Aug 2018 23:01

Instrument :

MSVOA_W

ClientSampleId :

DB3F2MSD

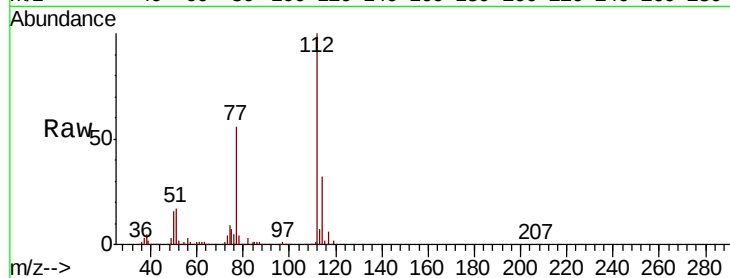
Tot Ion:112 Resp: 624561

Ion Ratio Lower Upper

112 100

77 55.5 45.8 68.8

114 31.8 22.5 41.7



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

