

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072519\
 Data File : VV012035.D
 Acq On : 25 Jul 2019 18:31
 Operator : SY/MD
 Sample : K3958-22MS
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A31MS

Quant Time: Jul 26 03:51:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 26 02:35:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	126844	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	120269	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58566	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27662	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.59	69	24160	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	62213	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	3.96	46	107172	55.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.24%
24) Chloroform-d	4.40	84	81533	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	48190	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.10	84	169554	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.12	67	50248	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.36	98	151772	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.67	79	18778	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.13	63	86567	55.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36379	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	63062	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

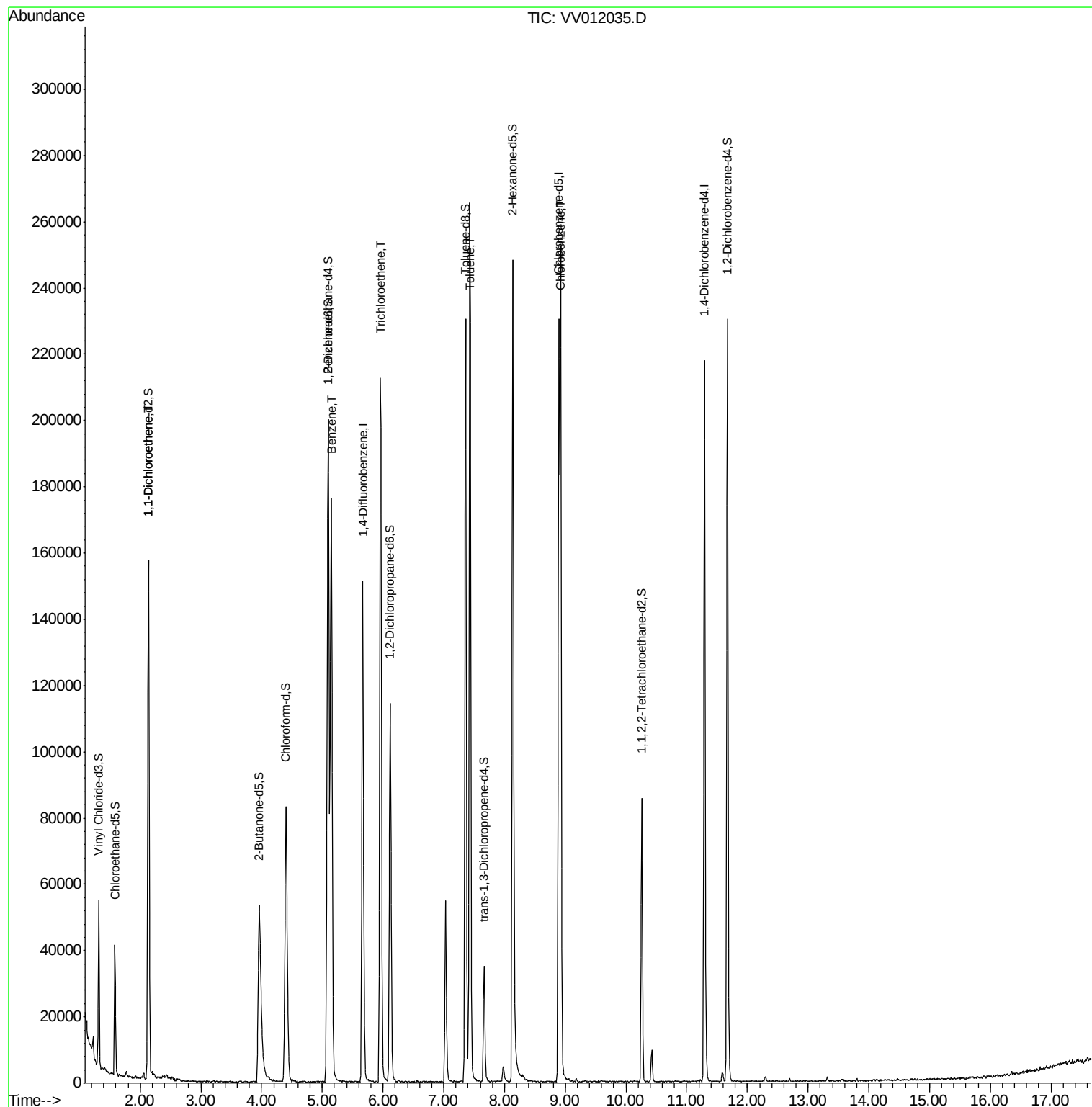
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	27250	4.720 ug/L	98
33) Benzene	5.15	78	169187	4.782 ug/L	100
34) Trichloroethene	5.96	95	70258	7.151 ug/L	99
42) Toluene	7.43	91	184932	4.870 ug/L	97
51) Chlorobenzene	8.93	112	126313	5.080 ug/L	96

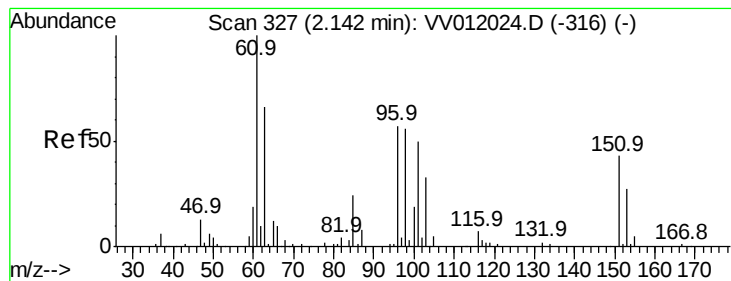
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.720 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV012035.D

Acq: 25 Jul 2019 18:31

Instrument :

MSVOA_V

ClientSampleId :

F2A31MS

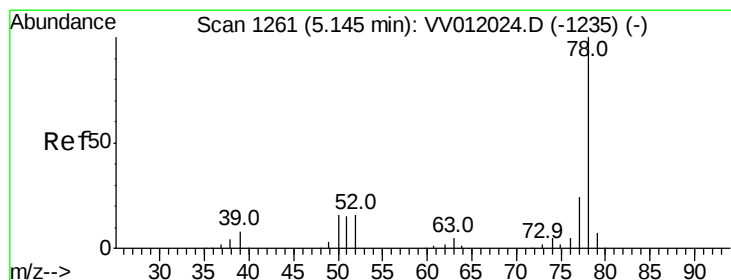
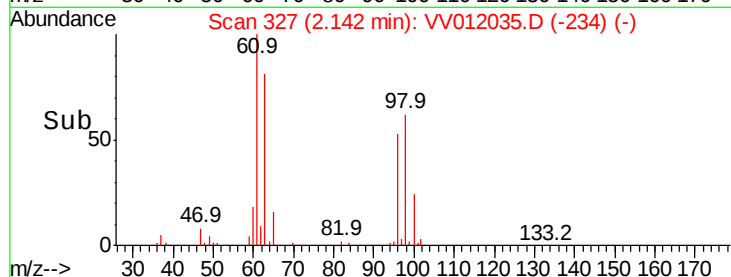
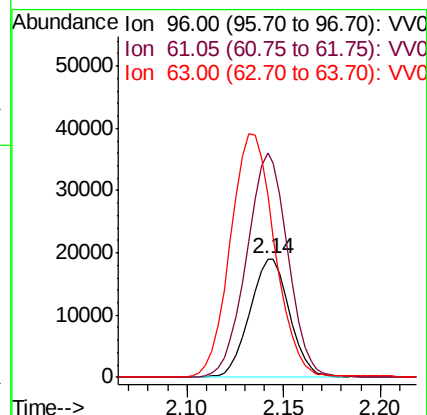
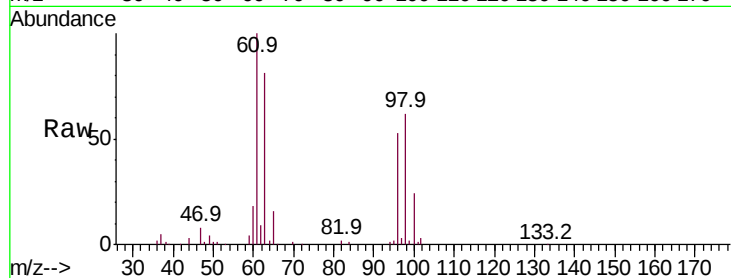
Tot Ion: 96 Resp: 27250

Ion Ratio Lower Upper

96 100

61 189.3 132.7 246.5

63 153.8 104.0 193.1



#33

Benzene

Concen: 4.782 ug/L

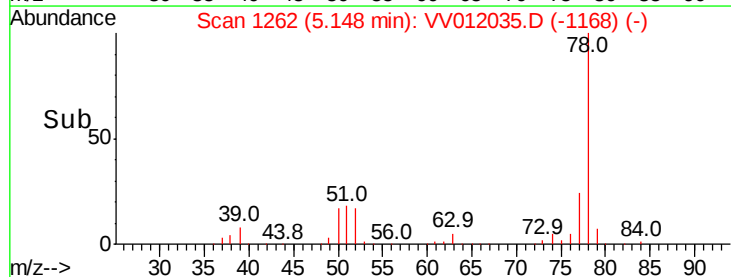
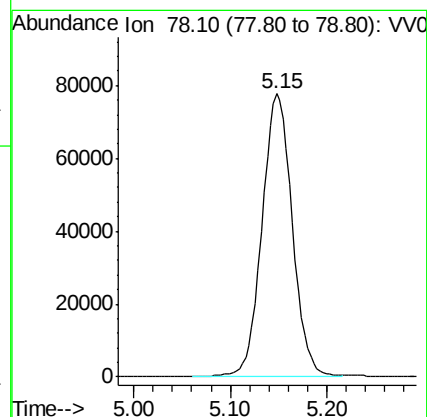
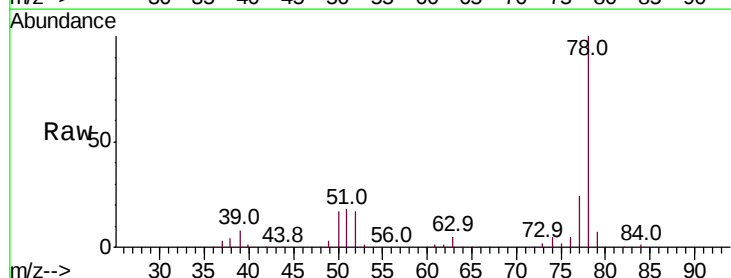
RT: 5.15 min Scan# 1262

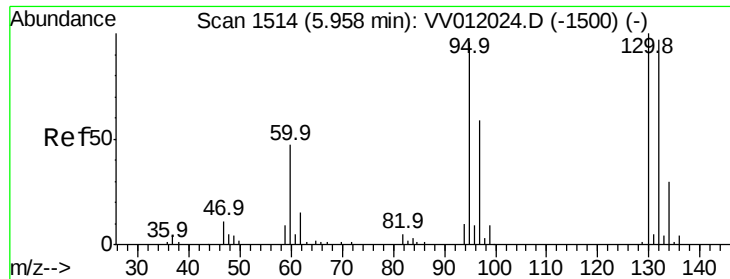
Delta R.T. 0.00 min

Lab File: VV012035.D

Acq: 25 Jul 2019 18:31

Tgt Ion: 78 Resp: 169187





#34

Trichloroethene

Concen: 7.151 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV012035.D

Acq: 25 Jul 2019 18:31

Instrument :

MSVOA_V

ClientSampleId :

F2A31MS

Tot Ion: 95 Resp: 70258

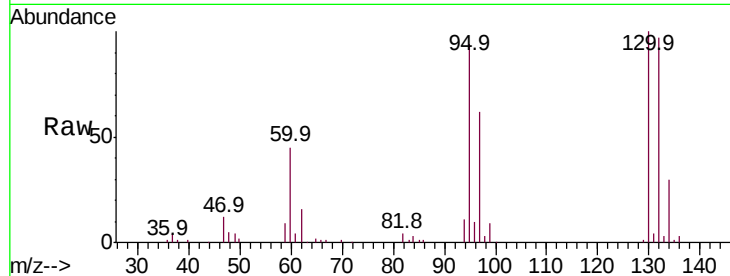
Ion Ratio Lower Upper

95 100

97 65.9 45.6 84.6

132 102.7 71.3 132.3

130 106.1 72.8 135.2

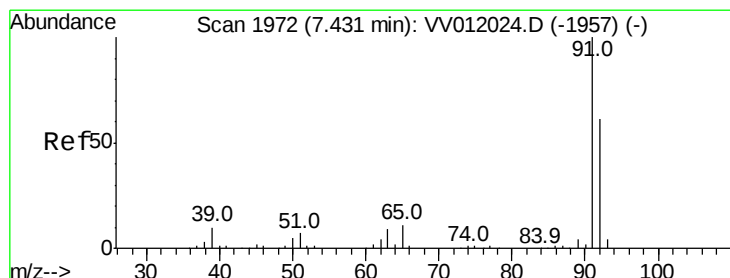
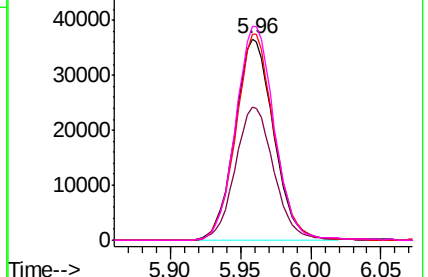
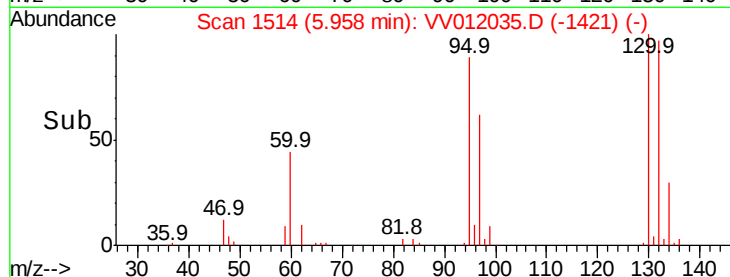


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 4.870 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV012035.D

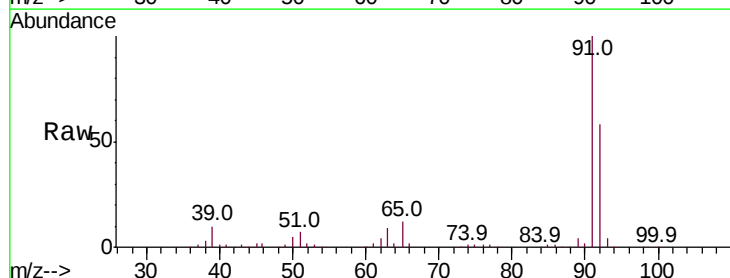
Acq: 25 Jul 2019 18:31

Tgt Ion: 91 Resp: 184932

Ion Ratio Lower Upper

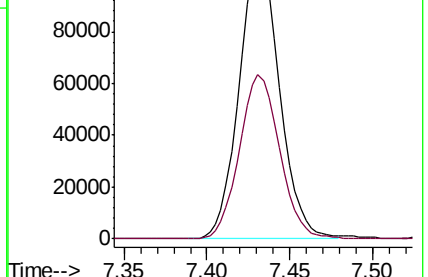
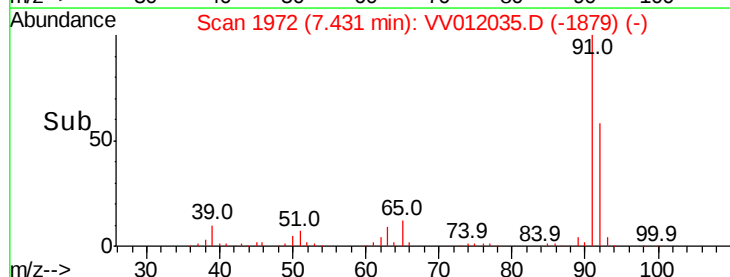
91 100

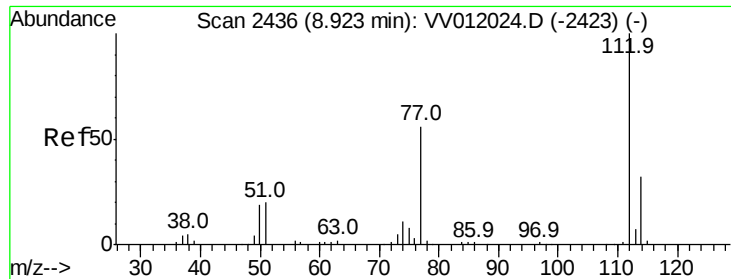
92 57.9 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#51

Chlorobenzene

Concen: 5.080 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV012035.D

Acq: 25 Jul 2019 18:31

Instrument :

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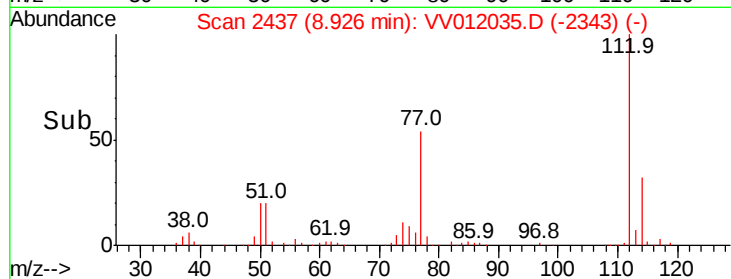
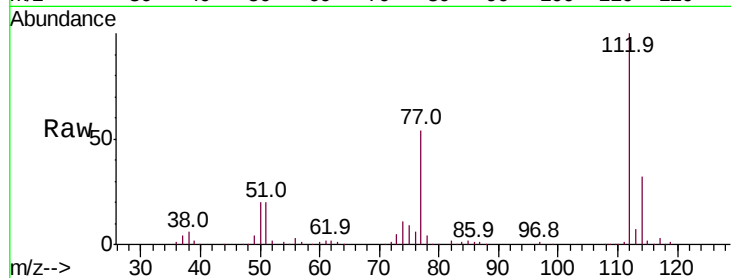
Tot Ion:112 Resp: 126313

Ion Ratio Lower Upper

112 100

114 31.6 23.0 42.8

77 54.1 46.4 69.6



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

