

Data File : VW011243.D
Acq On : 12 Jul 2019 16:40
Operator : SY/VA
Sample : K3760-09
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y9

Quant Time: Jul 13 05:36:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 05:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	175415	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	150605	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	61162	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	46197	17.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.00%
7) Chloroethane-d5	2.88	69	36985	19.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.72%
10) 1,1-Dichloroethene-d2	4.01	63	85325	15.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.16%
20) 2-Butanone-d5	7.07	46	58163	55.13	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.26%
24) Chloroform-d	7.65	84	118752	24.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	8.31	65	81195	27.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.68%
29) Benzene-d6	8.27	84	237521	25.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.40%
33) 1,2-Dichloropropane-d6	9.27	67	85289	28.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.92%
37) Toluene-d8	10.32	98	196741	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.20%
38) trans-1,3-Dichloropropene-	10.58	79	28382	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.36%
39) 2-Hexanone-d5	10.92	63	32040	46.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69711	27.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	58213	24.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.20%

Target Compounds

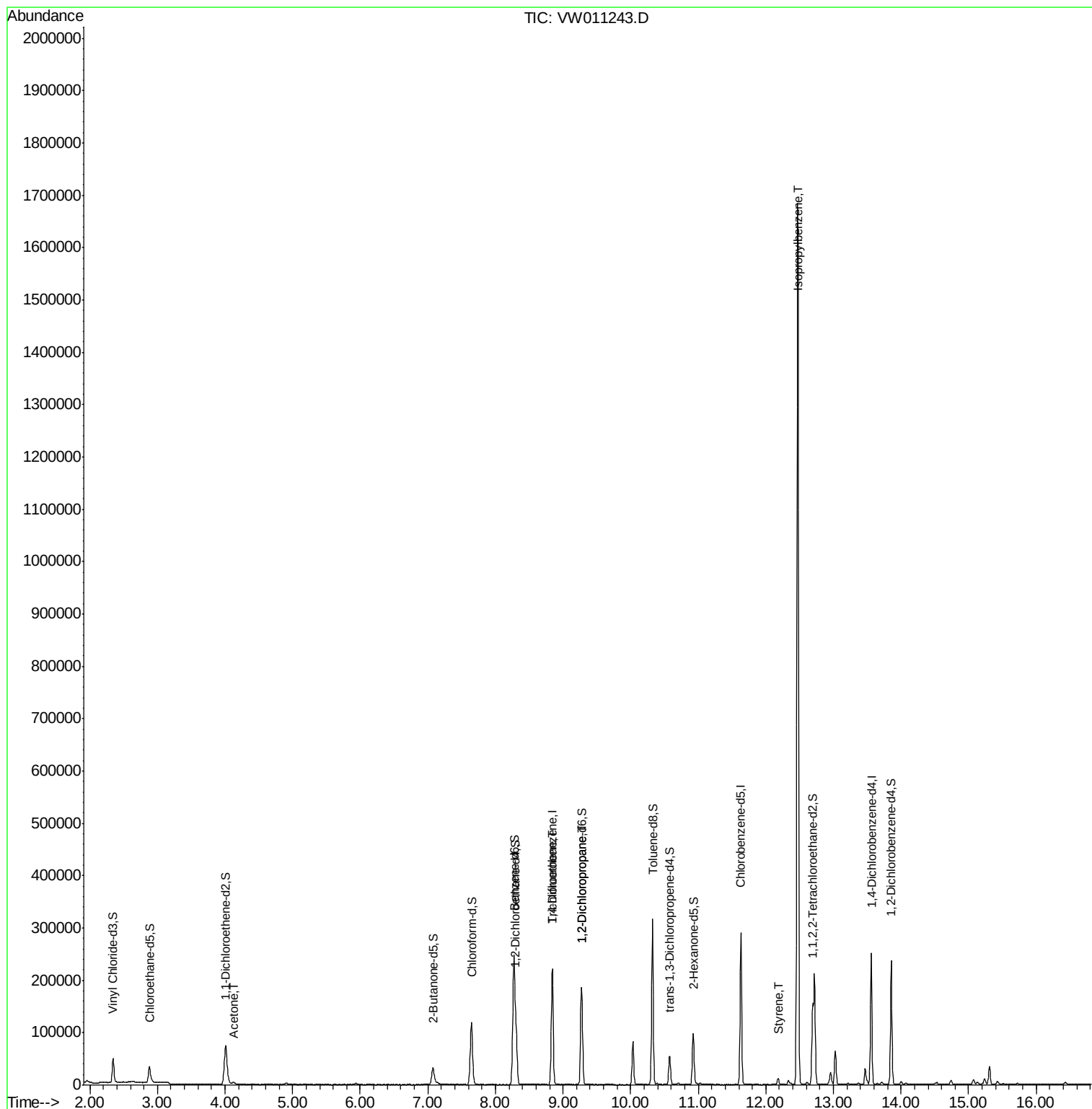
					Qvalue
13) Acetone	4.12	43	7755	7.525 ug/L	80
35) Trichloroethene	8.84	95	5616	2.364 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	9644	3.739 ug/L #	88
56) Styrene	12.18	104	5391	0.823 ug/L	84
57) Isopropylbenzene	12.47	105	64788	6.218 ug/L #	1

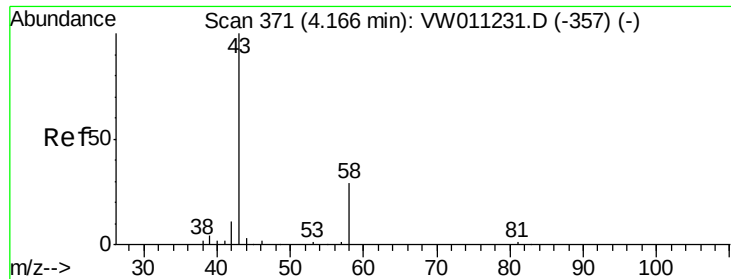
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.525 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.04 min

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Acq: 12 Jul 2019 16:40

Instrument :

MSVOA_W

ClientSampled :

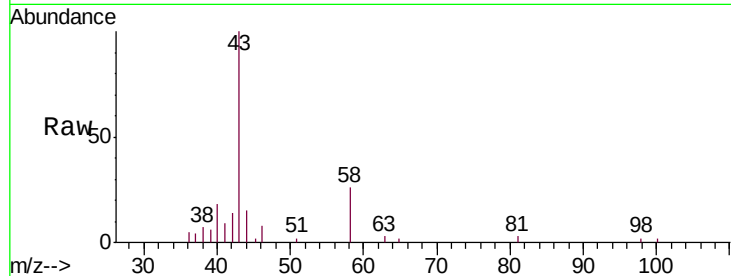
DB8Y9

Tgt Ion: 43 Resp: 7755

Ion Ratio Lower Upper

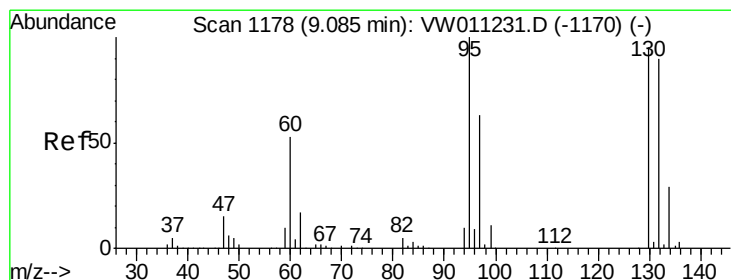
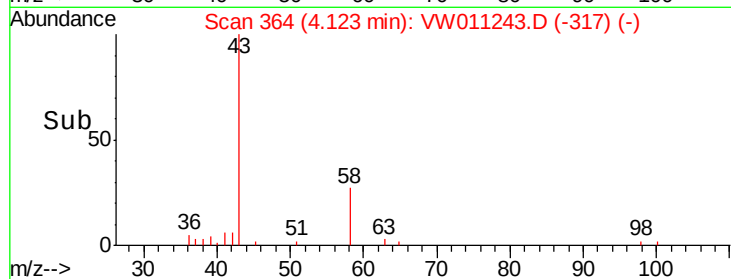
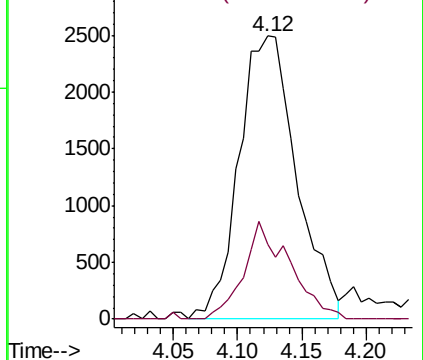
43 100

58 17.3 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.364 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Acq: 12 Jul 2019 16:40

Tgt Ion: 95 Resp: 5616

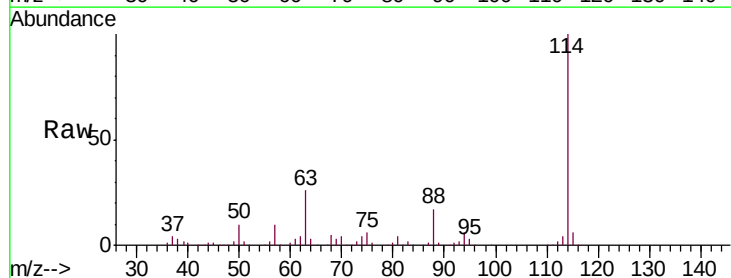
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.5 65.0 120.8#

130 0.0 67.8 126.0#

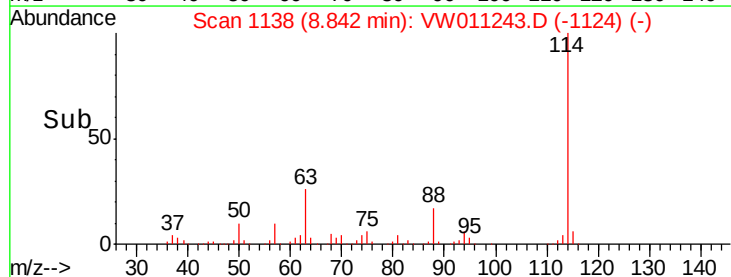
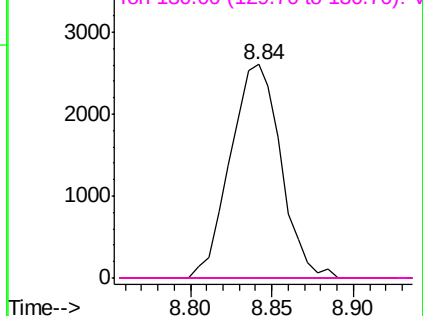


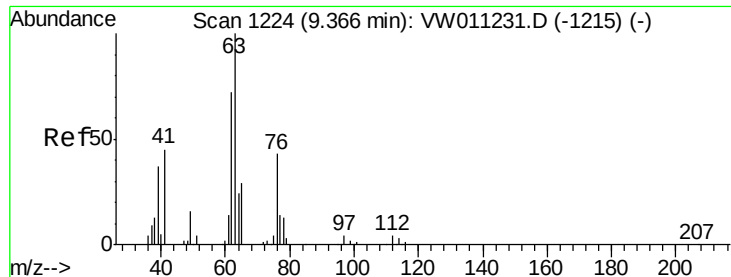
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#40

1,2-Dichloropropane

Concen: 3.739 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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Instrument :

MSVOA_W

ClientSampleId :

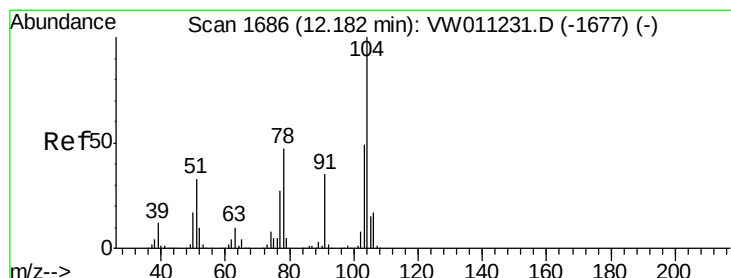
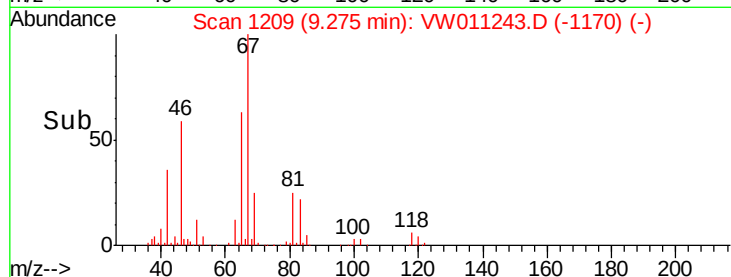
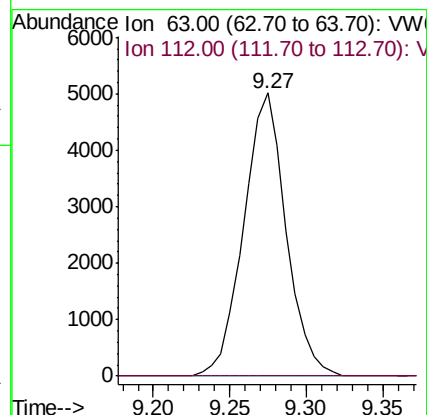
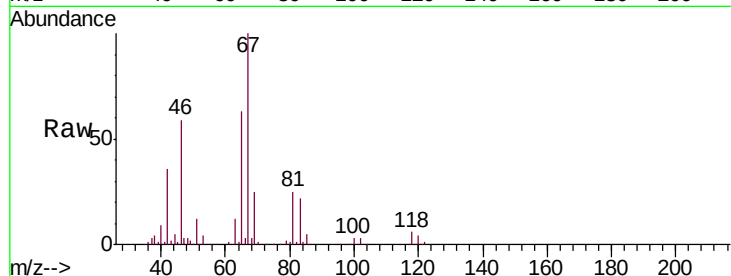
DB8Y9

Tgt Ion: 63 Resp: 9644

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#56

Styrene

Concen: 0.823 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW011243.D

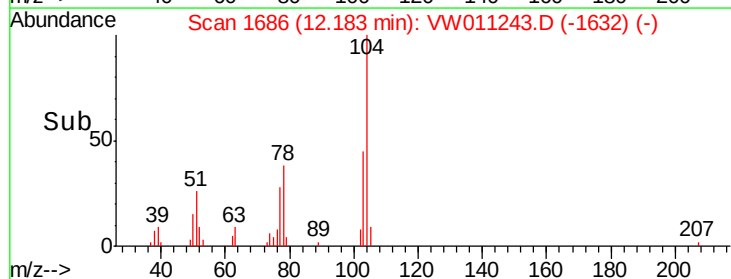
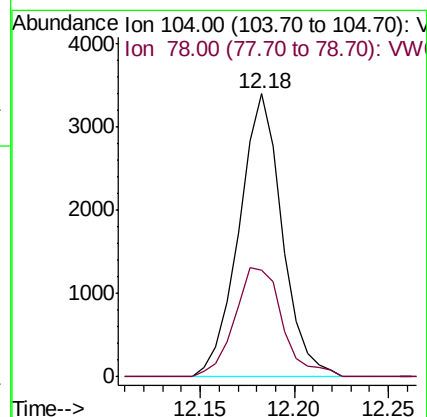
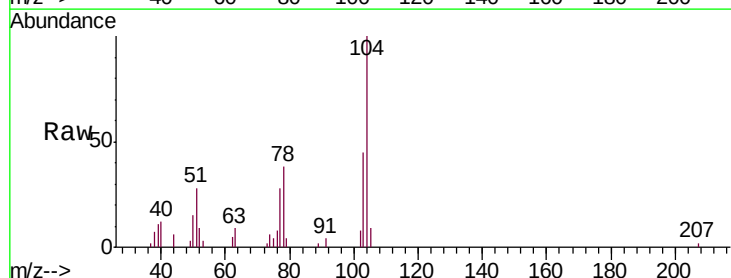
Acq: 12 Jul 2019 16:40

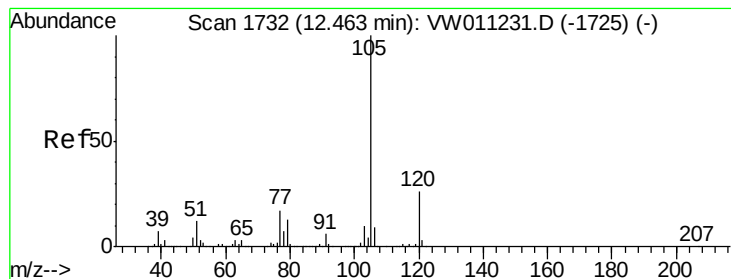
Tgt Ion: 104 Resp: 5391

Ion Ratio Lower Upper

104 100

78 37.7 33.7 62.7





#57

Isopropylbenzene

Concen: 6.218 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW011243.D

Acq: 12 Jul 2019 16:40

Instrument :

MSVOA_W

ClientSampleId :

DB8Y9

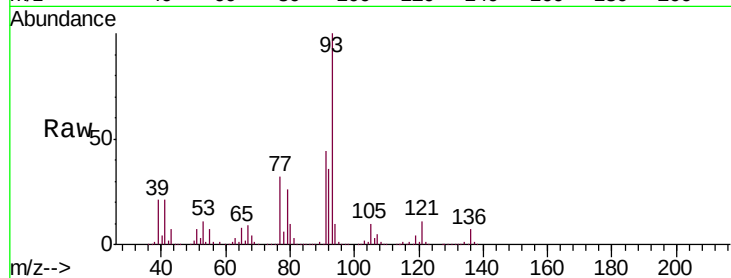
Tgt Ion:105 Resp: 64788

Ion Ratio Lower Upper

105 100

120 7.4 20.7 31.1#

77 304.9 13.5 20.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

