

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
 Data File : VW011236.D
 Acq On : 12 Jul 2019 13:32
 Operator : SY/VA
 Sample : K3724-16
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8W1

Quant Time: Jul 16 01:27:00 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	365661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150550	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	90149	16.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.60%
7) Chloroethane-d5	2.89	69	71522	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.04%
10) 1,1-Dichloroethene-d2	4.01	63	168751	14.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.08%
20) 2-Butanone-d5	7.07	46	80944	36.80	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.60%
24) Chloroform-d	7.65	84	211656	21.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.48%
26) 1,2-Dichloroethane-d4	8.31	65	126572	20.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.04%
29) Benzene-d6	8.27	84	441250	22.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.44%
33) 1,2-Dichloropropane-d6	9.27	67	143938	22.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.60%
37) Toluene-d8	10.32	98	389841	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.68%
38) trans-1,3-Dichloropropene-	10.58	79	52209	18.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.60%
39) 2-Hexanone-d5	10.92	63	52134	34.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106638	19.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	126959	21.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.88%

Target Compounds

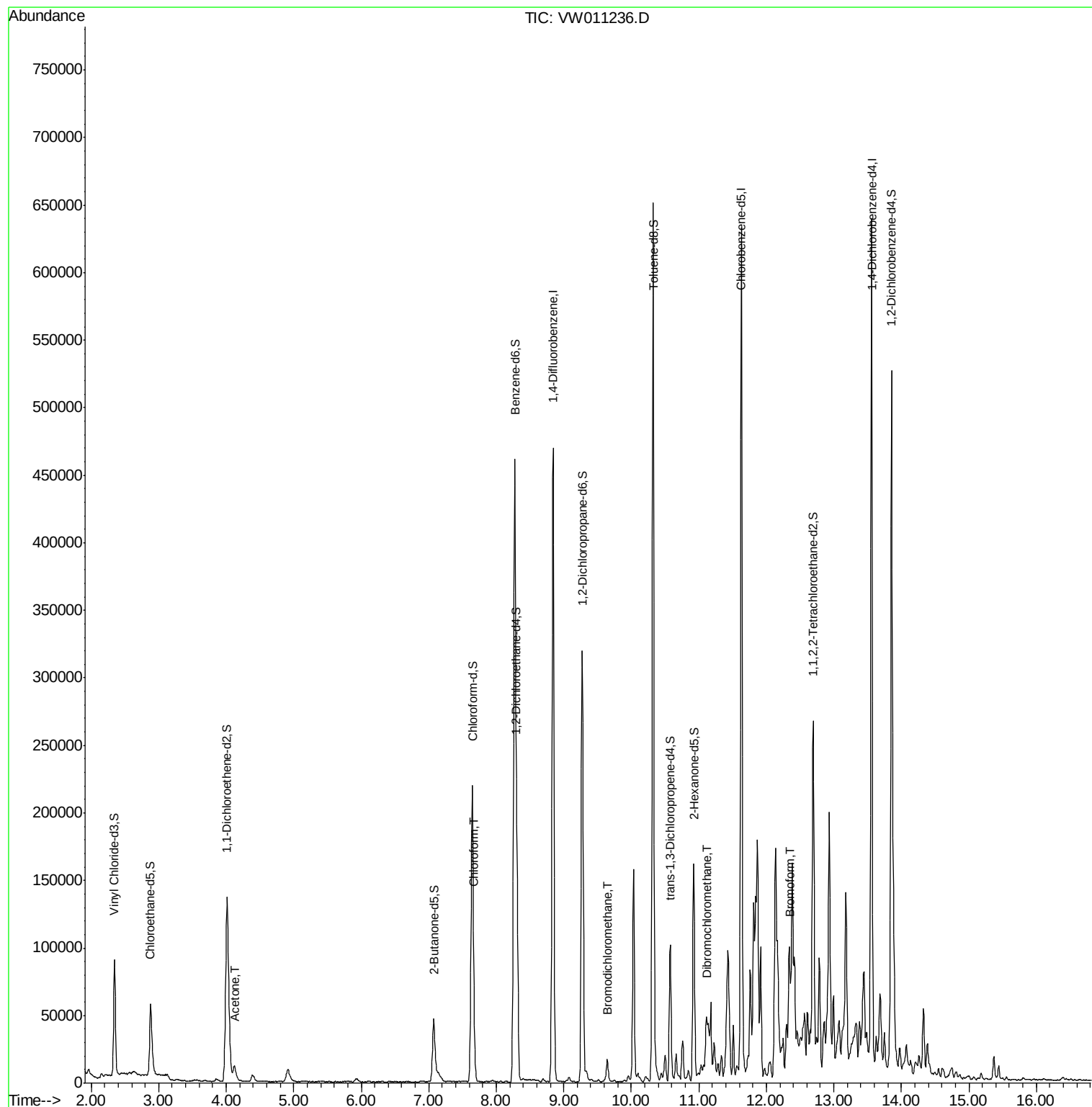
					Ovalue
13) Acetone	4.12	43	18882	8.789 ug/L	99
25) Chloroform	7.67	83	13090	1.402 ug/L	79
41) Bromodichloromethane	9.64	83	9854	1.541 ug/L #	92
50) Dibromochloromethane	11.13	129	9098	2.224 ug/L	98
62) Bromoform	12.35	173	2102	0.937 ug/L	97

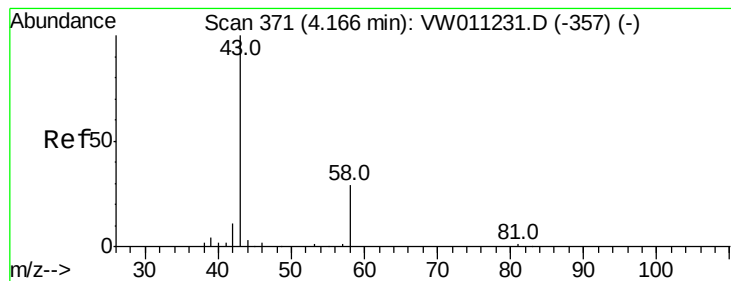
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.789 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.04 min

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Acq: 12 Jul 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

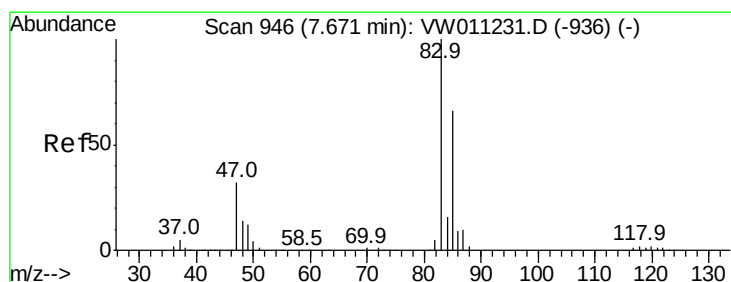
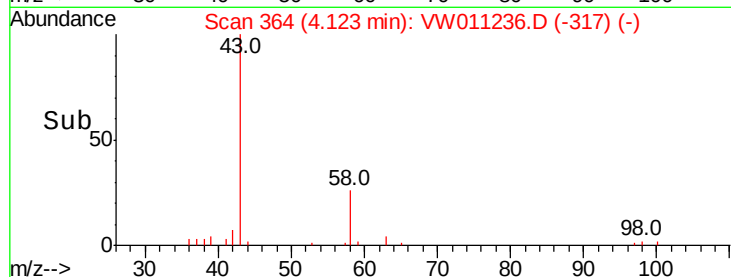
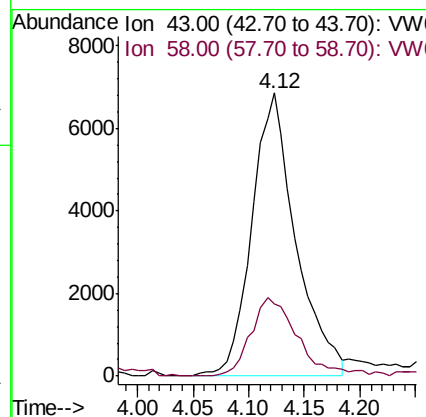
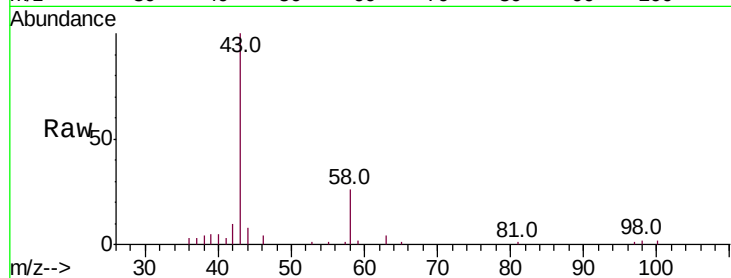
DB8W1

Tot Ion: 43 Resp: 18882

Ion Ratio Lower Upper

43 100

58 28.0 0.0 55.0



#25

Chloroform

Concen: 1.402 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

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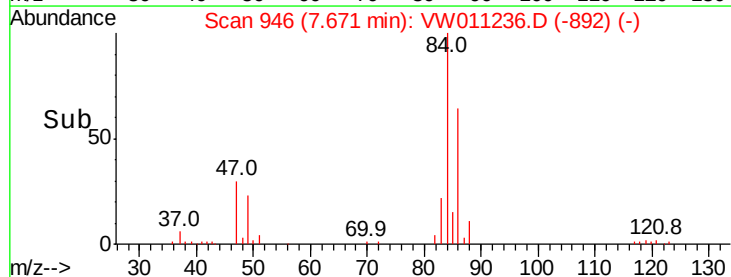
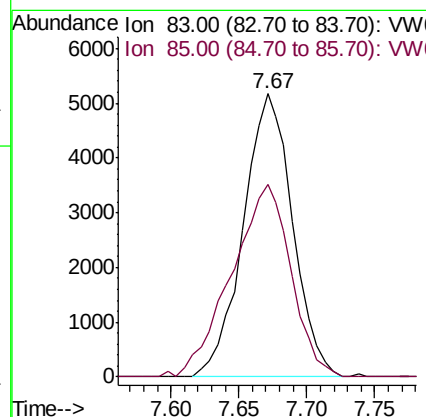
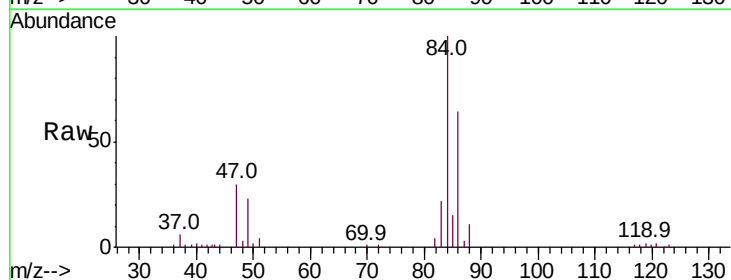
Acq: 12 Jul 2019 13:32

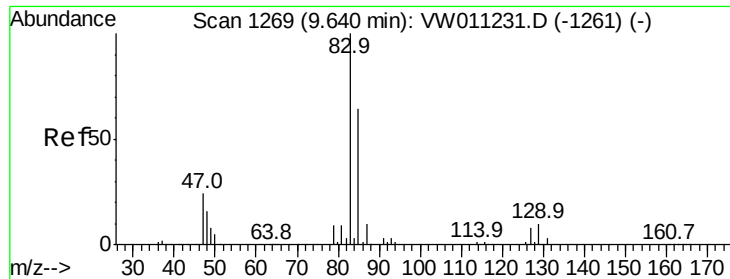
Tgt Ion: 83 Resp: 13090

Ion Ratio Lower Upper

83 100

85 81.4 45.6 84.6





#41

Bromodichloromethane

Concen: 1.541 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW011236.D

Acq: 12 Jul 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

DB8W1

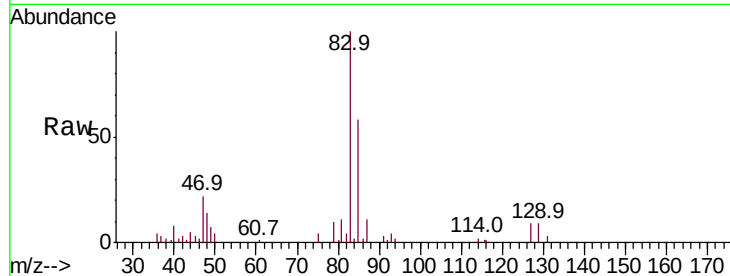
Tot Ion: 83 Resp: 9854

Ion Ratio Lower Upper

83 100

85 58.2 45.5 84.5

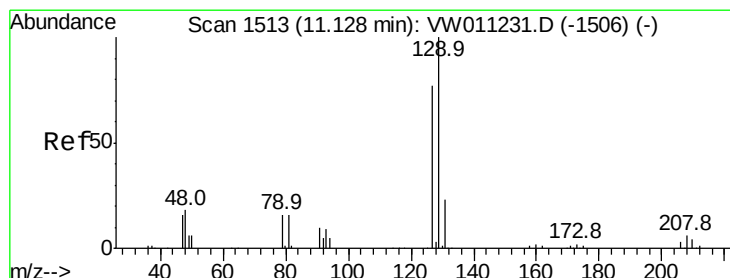
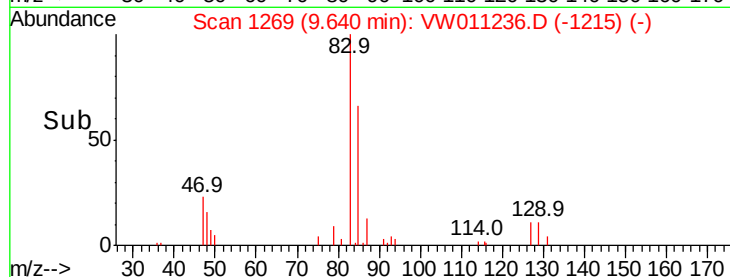
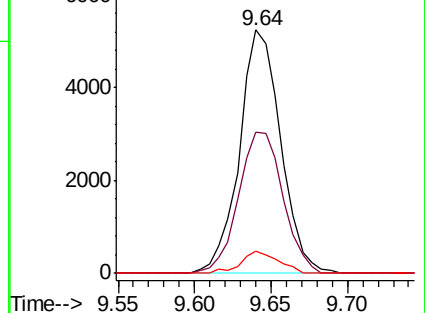
127 9.4 5.8 8.8#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V



#50

Dibromochloromethane

Concen: 2.224 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW011236.D

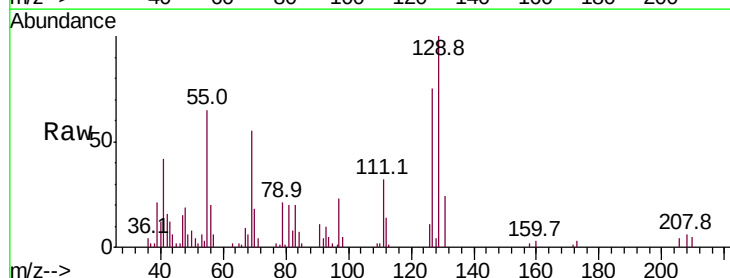
Acq: 12 Jul 2019 13:32

Tgt Ion:129 Resp: 9098

Ion Ratio Lower Upper

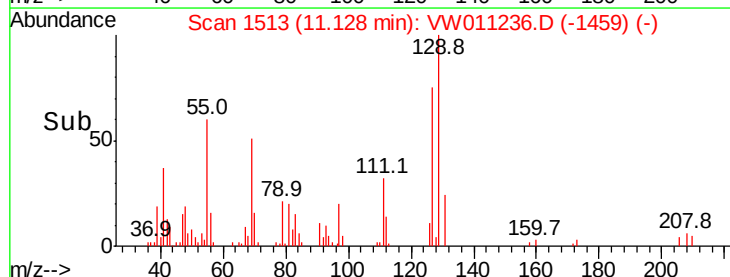
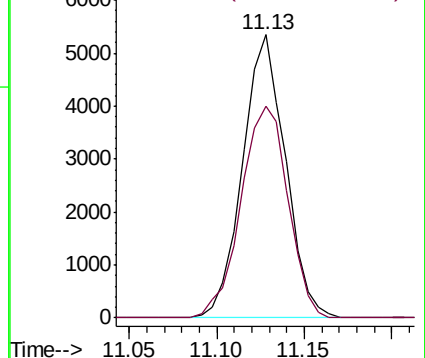
129 100

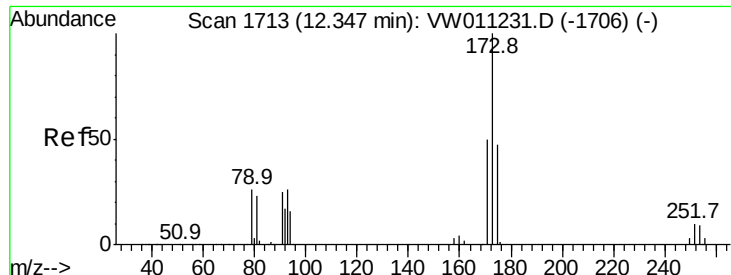
127 74.7 53.3 99.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#62

Bromoform

Concen: 0.937 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW011236.D

Acq: 12 Jul 2019 13:32

Instrument :

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ClientSampleId :

DB8W1

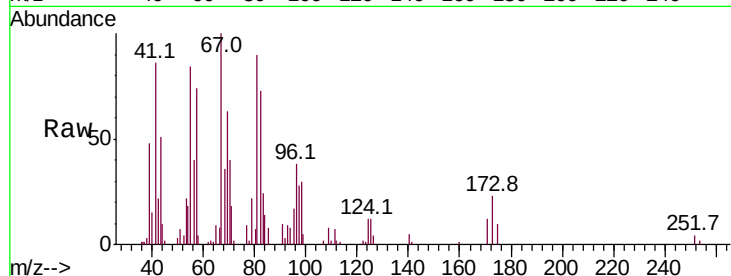
Tot Ion:173 Resp: 2102

Ion Ratio Lower Upper

173 100

175 51.3 39.0 58.6

254 10.5 8.5 12.7



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

