

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
 Data File : VY003733.D
 Acq On : 11 Dec 2020 17:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK02

Quant Time: Dec 12 01:41:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 10:03:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	319685	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	305980	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	160234	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	99758	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
7) Chloroethane-d5	2.77	69	81764	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.88%
10) 1,1-Dichloroethene-d2	3.86	63	166373	19.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.20%
20) 2-Butanone-d5	6.90	46	68683	42.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.24%
24) Chloroform-d	7.49	84	211629	25.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.88%
26) 1,2-Dichloroethane-d4	8.15	65	118767	25.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.64%
29) Benzene-d6	8.12	84	452488	25.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.16%
33) 1,2-Dichloropropane-d6	9.12	67	139997	26.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.84%
37) Toluene-d8	10.18	98	426305	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.40%
38) trans-1,3-Dichloropropene-	10.44	79	68064	27.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.68%
39) 2-Hexanone-d5	10.79	63	58988	44.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.84%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	115574	24.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.00%
61) 1,2-Dichlorobenzene-d4	13.72	152	158928	27.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.20%

Target Compounds

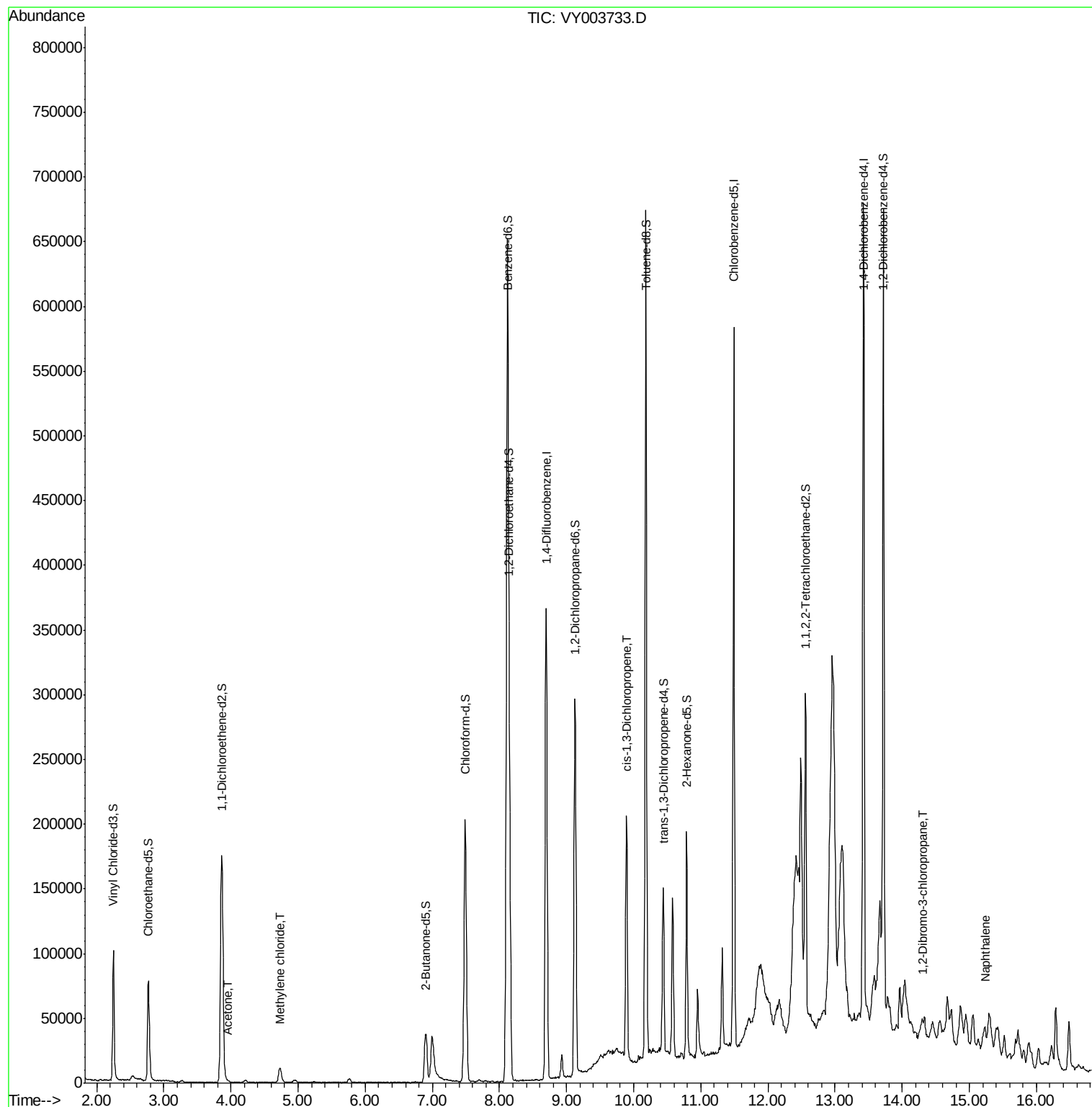
					Ovalue
13) Acetone	3.95	43	1380	1.168 ug/L	91
16) Methylene chloride	4.72	84	8111	1.445 ug/L	86
42) cis-1,3-Dichloropropene	9.89	75	4991	0.722 ug/L #	57
66) 1,2-Dibromo-3-chloropropan	14.31	75	1027	1.261 ug/L #	18
69) Naphthalene	15.23	128	5552	0.461 ug/L #	83

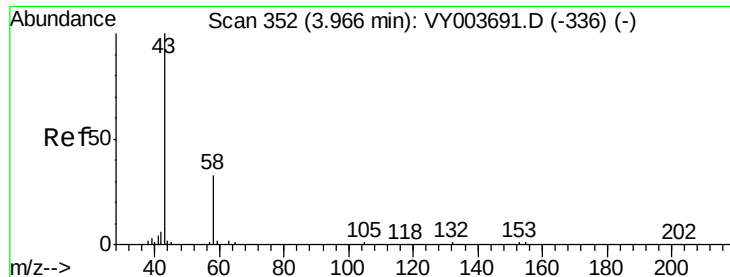
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 11 10:03:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.168 ug/L

RT: 3.95 min Scan# 350

Delta R.T. -0.01 min

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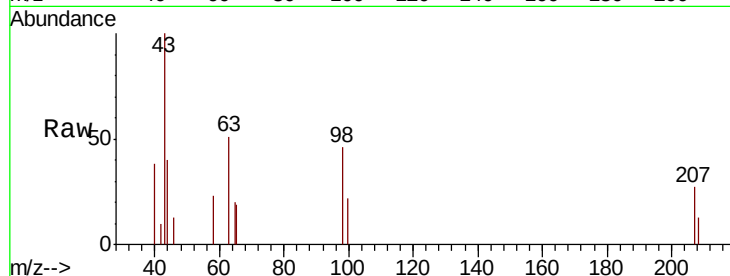
VIBLK02

Tot Ion: 43 Resp: 1380

Ion Ratio Lower Upper

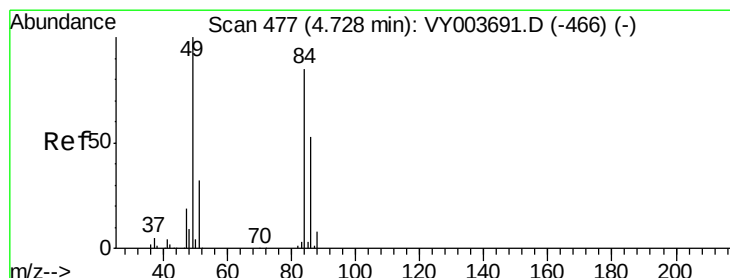
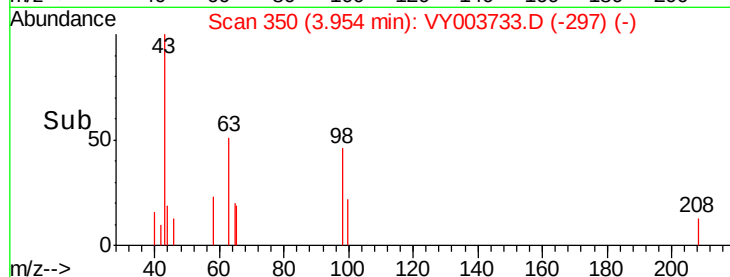
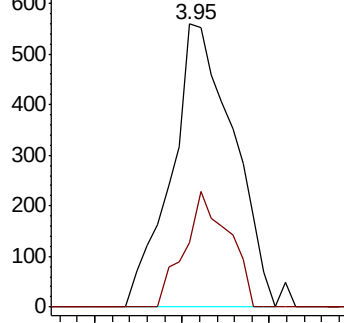
43 100

58 29.1 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#16

Methylene chloride

Concen: 1.445 ug/L

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VY003733.D

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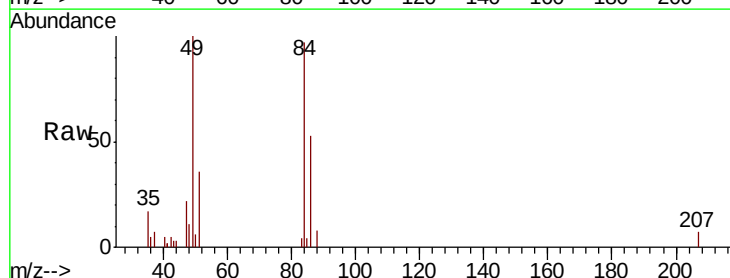
Tgt Ion: 84 Resp: 8111

Ion Ratio Lower Upper

84 100

49 102.7 83.7 155.4

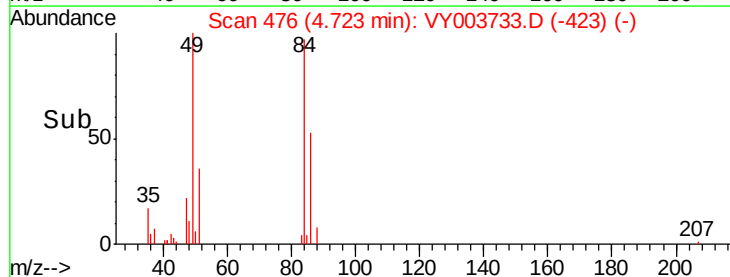
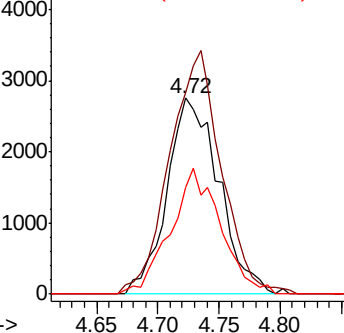
86 54.3 45.0 83.6

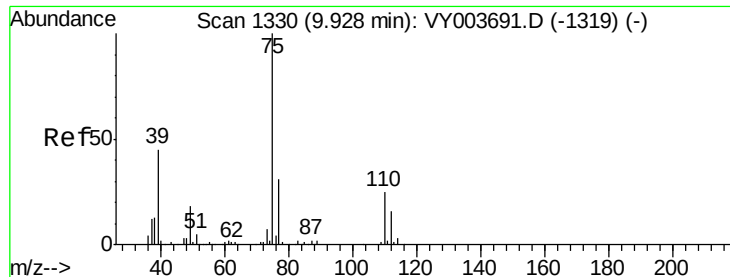


Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

Ion 86.00 (85.70 to 86.70): VY0





#42

cis-1,3-Dichloropropene

Concen: 0.722 ug/L

RT: 9.89 min Scan# 1324

Delta R.T. -0.04 min

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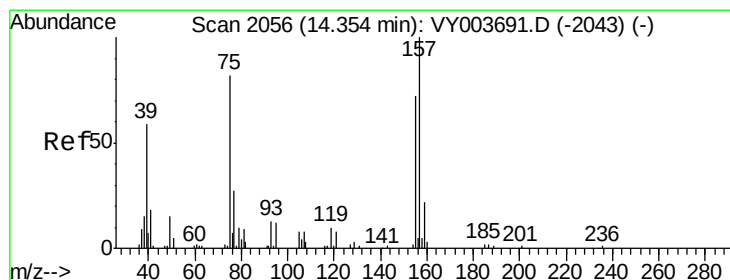
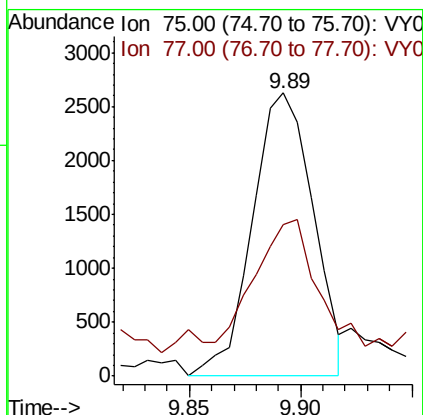
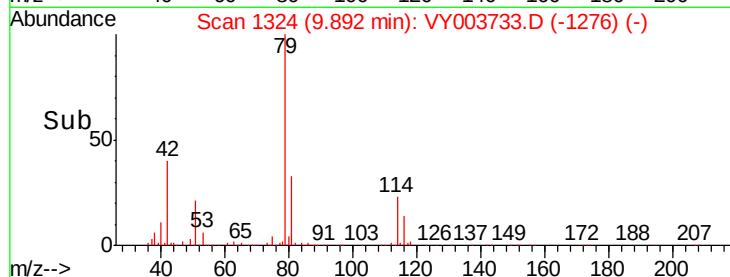
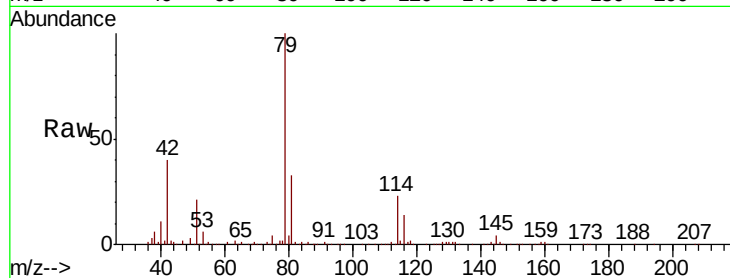
VIBLK02

Tot Ion: 75 Resp: 4991

Ion Ratio Lower Upper

75 100

77 53.8 21.3 39.6#



#66

1,2-Dibromo-3-chloropropane

Concen: 1.261 ug/L

RT: 14.31 min Scan# 2048

Delta R.T. -0.05 min

Lab File: VY003733.D

Acq: 11 Dec 2020 17:35

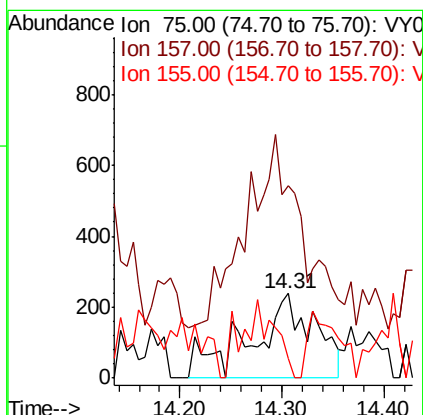
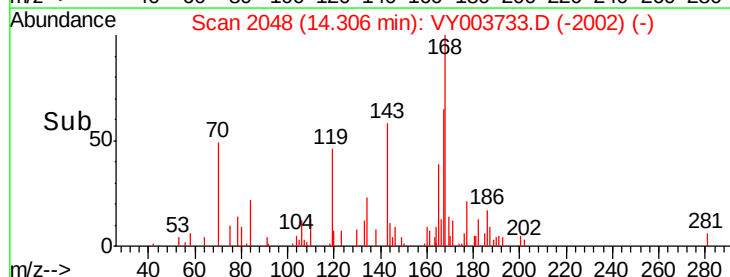
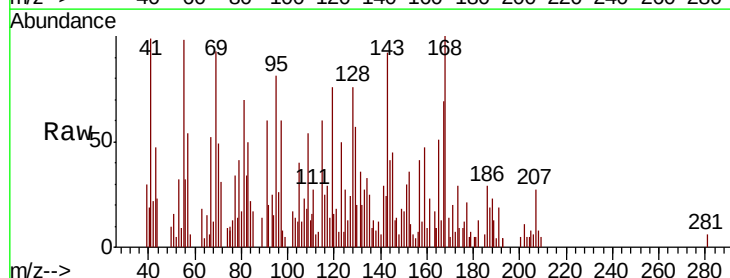
Tgt Ion: 75 Resp: 1027

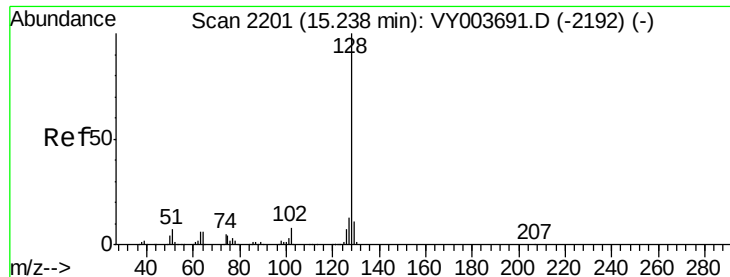
Ion Ratio Lower Upper

75 100

157 227.7 101.3 151.9#

155 23.5 76.2 114.4#





#69

Naphthalene

Concen: 0.461 ug/L

RT: 15.23 min Scan# 2200

Delta R.T. -0.01 min

Lab File: VY003733.D

Acq: 11 Dec 2020 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK02

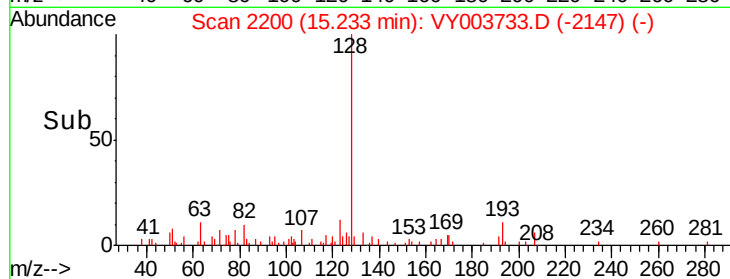
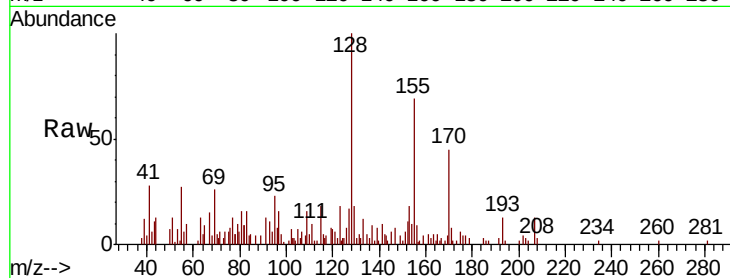
Tot Ion:128 Resp: 5552

Ion Ratio Lower Upper

128 100

129 4.2 8.7 13.1#

127 19.2 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

