

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003754.D
 Acq On : 14 Dec 2020 17:40
 Operator : SY/MD
 Sample : VIBLK63
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK63

Quant Time: Dec 15 03:42:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 03:40:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	367069	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	347236	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	186063	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	129471	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.40%
7) Chloroethane-d5	2.77	69	95807	25.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.60%
10) 1,1-Dichloroethene-d2	3.86	63	193904	18.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.68%
20) 2-Butanone-d5	6.90	46	116536	53.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.76%
24) Chloroform-d	7.49	84	224485	23.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	8.15	65	135981	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.92%
29) Benzene-d6	8.12	84	478763	23.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.28%
33) 1,2-Dichloropropane-d6	9.13	67	150302	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.08%
37) Toluene-d8	10.18	98	440388	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.84%
38) trans-1,3-Dichloropropene-	10.44	79	76535	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.36%
39) 2-Hexanone-d5	10.79	63	95033	55.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.14%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	139526	25.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.00%
61) 1,2-Dichlorobenzene-d4	13.72	152	170402	25.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.00%

Target Compounds

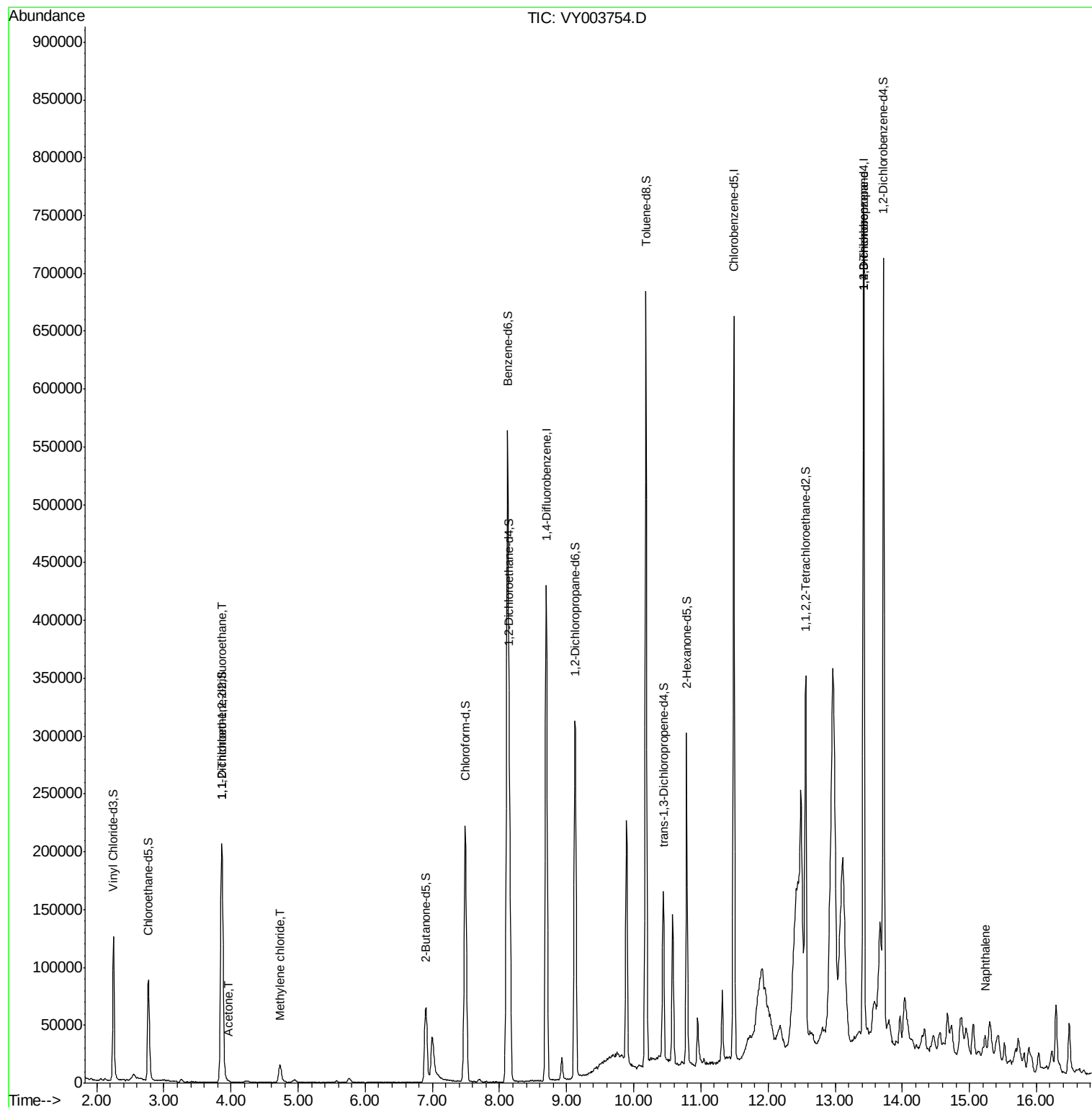
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	3.87	101	1783	0.334 ug/L	# 19
13) Acetone	3.97	43	1731	1.150 ug/L	74
16) Methylene chloride	4.73	84	10610	1.610 ug/L	91
59) 1,2,3-Trichloropropane	13.42	75	23022	5.037 ug/L	97
69) Naphthalene	15.23	128	7600	0.466 ug/L	98

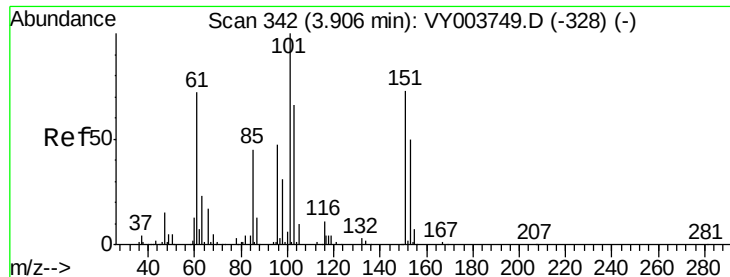
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.334 ug/L

RT: 3.87 min Scan# 336

Delta R.T. -0.04 min

Lab File: VY003754.D

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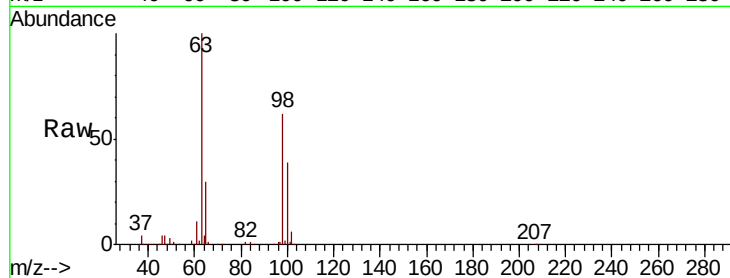
Tot Ion:101 Resp: 1783

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

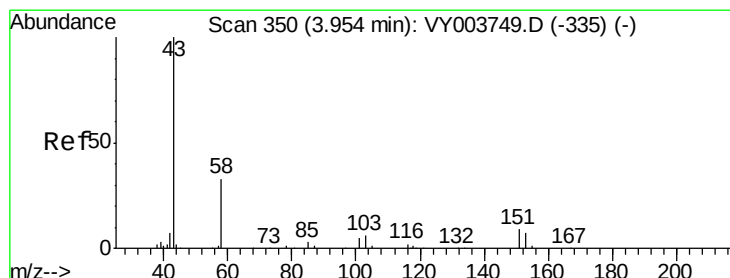
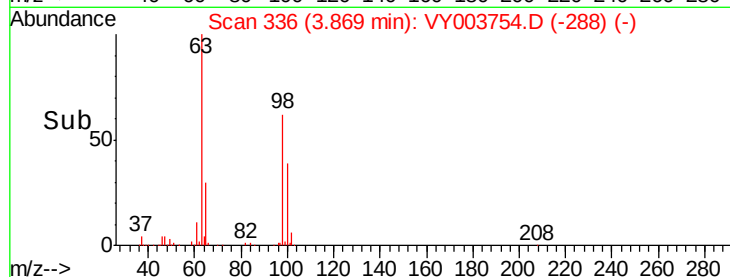
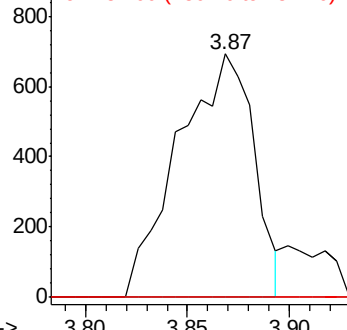
151 0.0 62.1 93.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VY0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.150 ug/L

RT: 3.97 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY003754.D

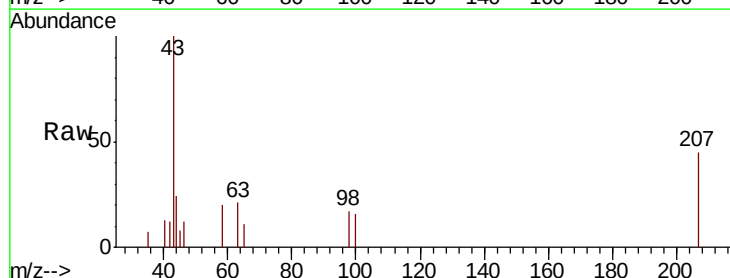
Acq: 14 Dec 2020 17:40

Tgt Ion: 43 Resp: 1731

Ion Ratio Lower Upper

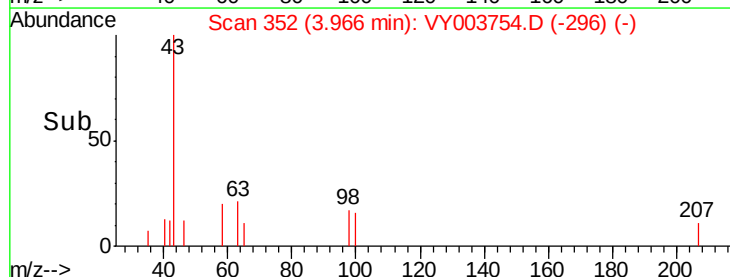
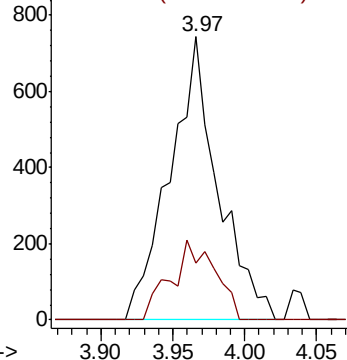
43 100

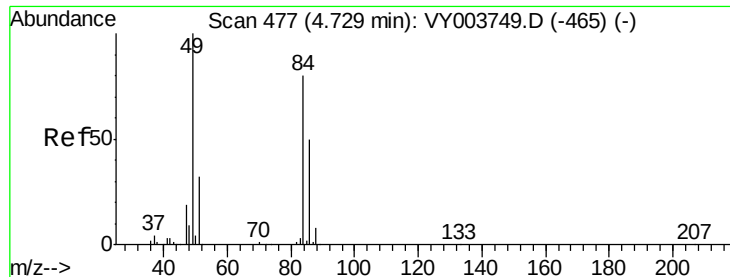
58 17.9 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

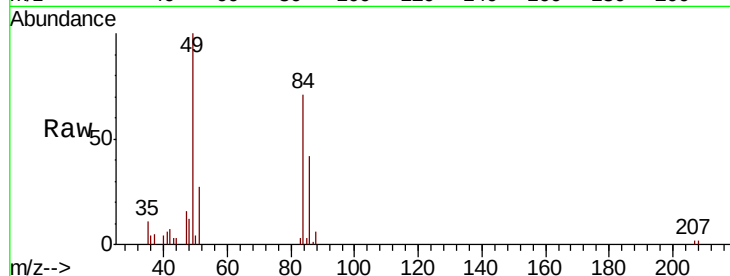




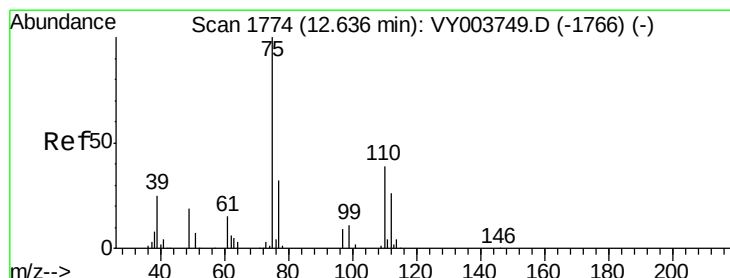
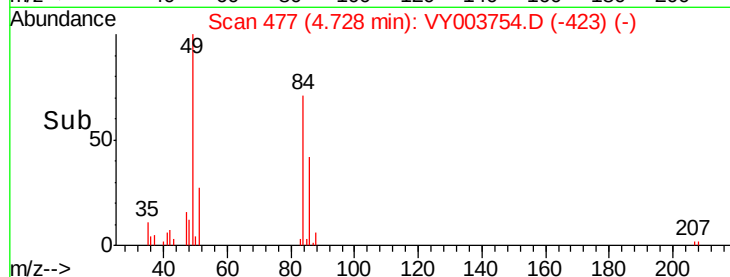
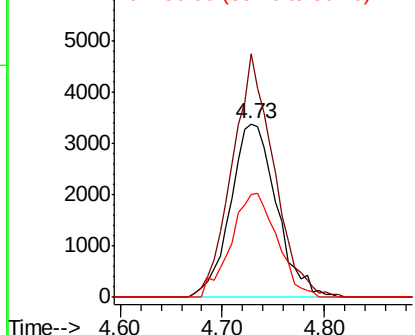
#16
Methylene chloride
Concen: 1.610 ug/L
RT: 4.73 min Scan# 477
Delta R.T. -0.00 min
Lab File: VY003754.D
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Instrument :
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Tot Ion: 84 Resp: 10610
Ion Ratio Lower Upper
84 100
49 140.2 88.2 163.8
86 59.5 43.0 79.8

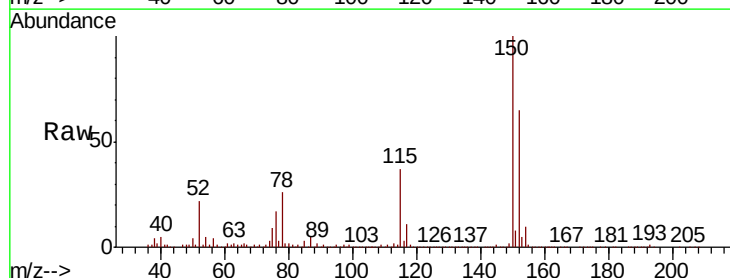


Abundance Ion 84.00 (83.70 to 84.70): VY0
Ion 49.00 (48.70 to 49.70): VY0
Ion 86.00 (85.70 to 86.70): VY0

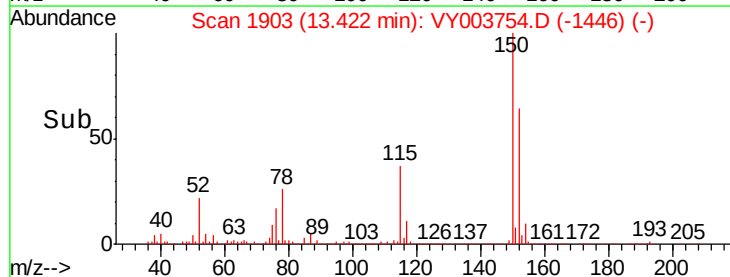
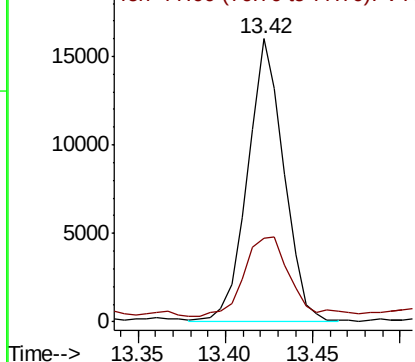


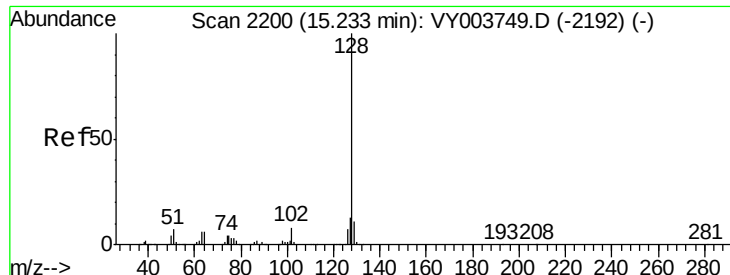
#59
1,2,3-Trichloropropane
Concen: 5.037 ug/L
RT: 13.42 min Scan# 1903
Delta R.T. 0.79 min
Lab File: VY003754.D
Acq: 14 Dec 2020 17:40

Tgt Ion: 75 Resp: 23022
Ion Ratio Lower Upper
75 100
77 33.8 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#69

Naphthalene

Concen: 0.466 ug/L

RT: 15.23 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VY003754.D

Acq: 14 Dec 2020 17:40

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK63

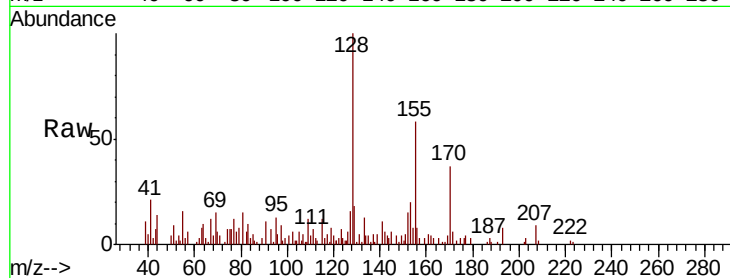
Tot Ion:128 Resp: 7600

Ion Ratio Lower Upper

128 100

129 9.7 8.6 12.8

127 13.7 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

