

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018453.D
 Acq On : 25 Sep 2020 14:22
 Operator : SY/MD
 Sample : L4110-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

Quant Time: Sep 25 23:45:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 23:36:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	415956	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	396285	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	205465	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	147080	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.78%
7) Chloroethane-d5	1.58	69	120659	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.12	63	203106	32.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.32%
21) 2-Butanone-d5	3.92	46	185145	89.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.23%
24) Chloroform-d	4.38	84	248438	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.48%
26) 1,2-Dichloroethane-d4	5.06	65	162135	43.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.00%
32) Benzene-d6	5.08	84	527709	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
36) 1,2-Dichloropropane-d6	6.09	67	165437	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.80%
41) Toluene-d8	7.34	98	483809	46.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.58%
43) trans-1,3-Dichloropropene-	7.64	79	81918	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
47) 2-Hexanone-d5	8.11	63	119164	87.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.27%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	203562	44.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	200703	47.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.12%

Target Compounds

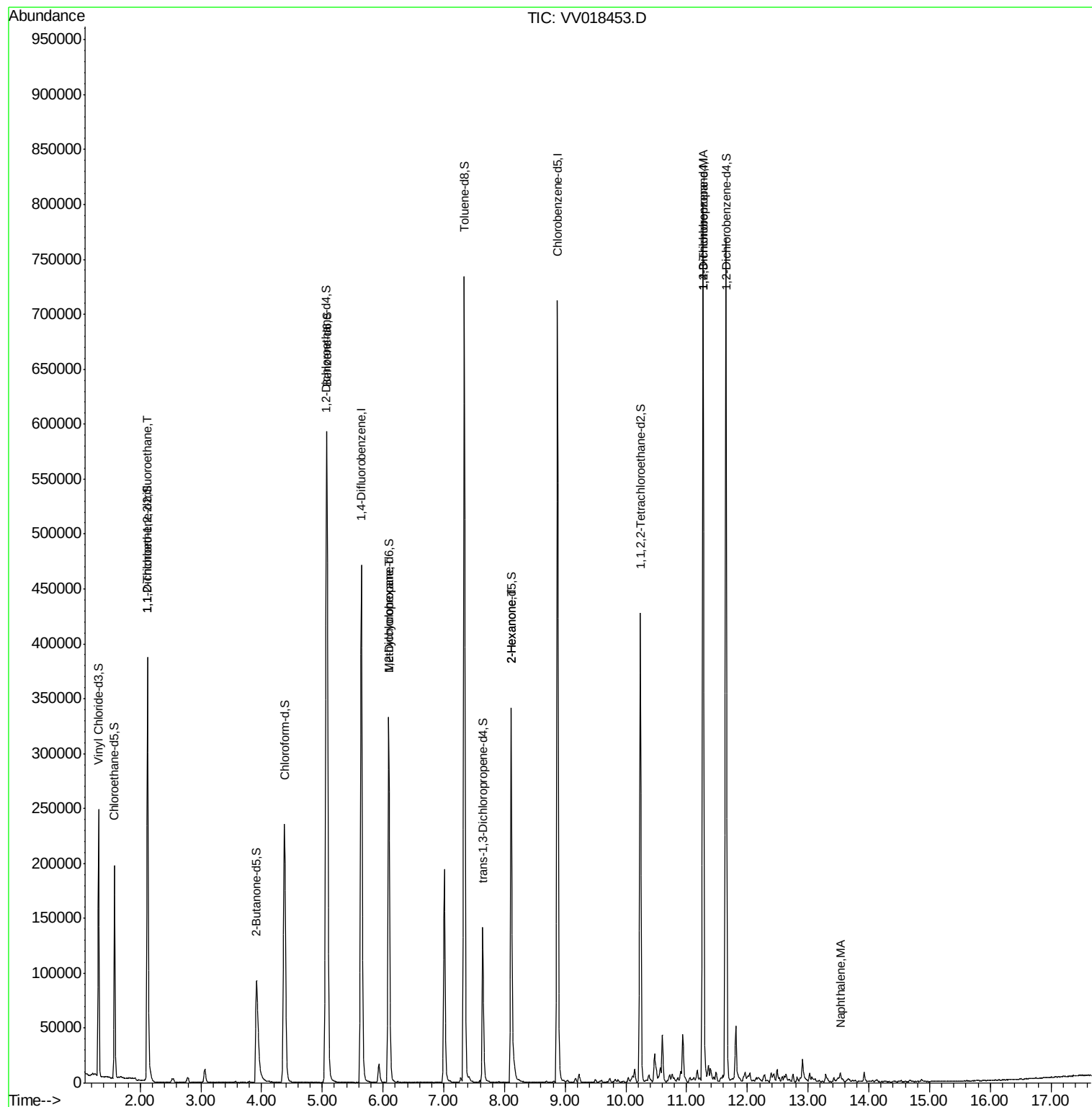
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1988	0.708 ug/L #	19
35) Methylcyclohexane	6.09	83	38848	8.359 ug/L #	18
48) 2-Hexanone	8.11	43	13794	4.804 ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	22565	6.390 ug/L	91
69) Naphthalene	13.53	128	7000	0.645 ug/L	99

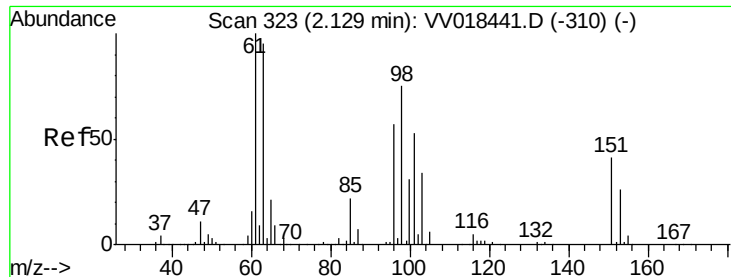
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.708 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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ClientSampleId :

VHBLK02

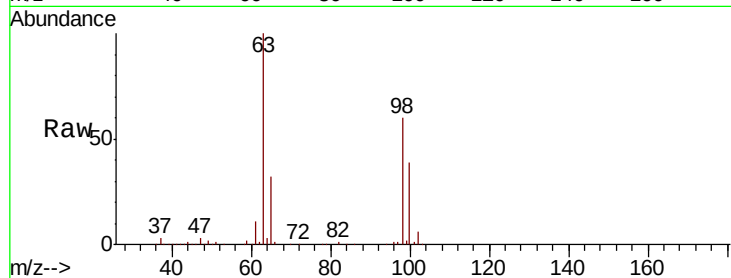
Tot Ion:101 Resp: 1988

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

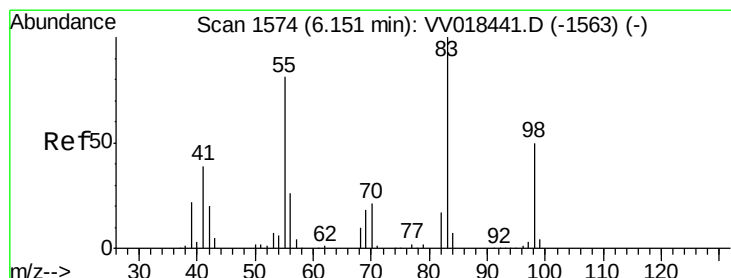
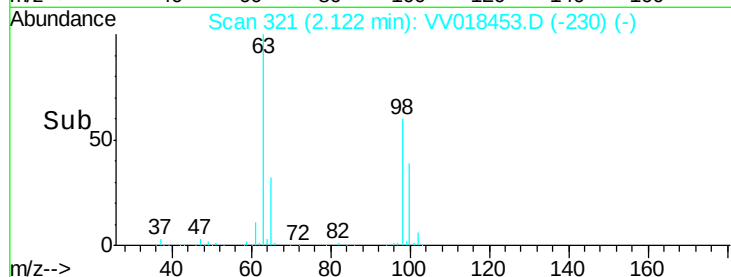
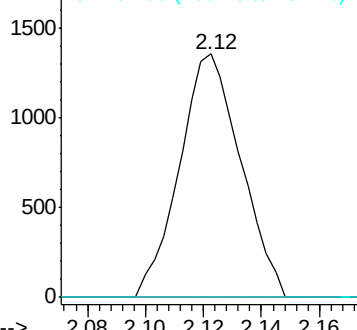
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#35

Methylcyclohexane

Concen: 8.359 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018453.D

Acq: 25 Sep 2020 14:22

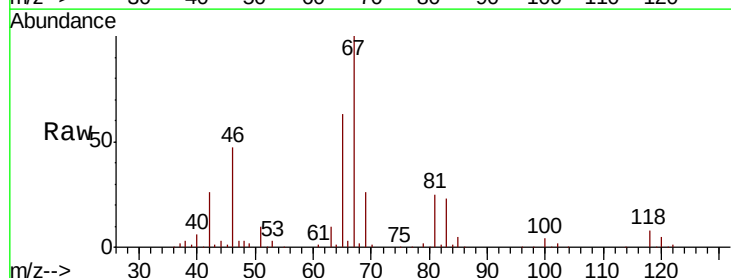
Tgt Ion: 83 Resp: 38848

Ion Ratio Lower Upper

83 100

55 0.3 63.4 95.2#

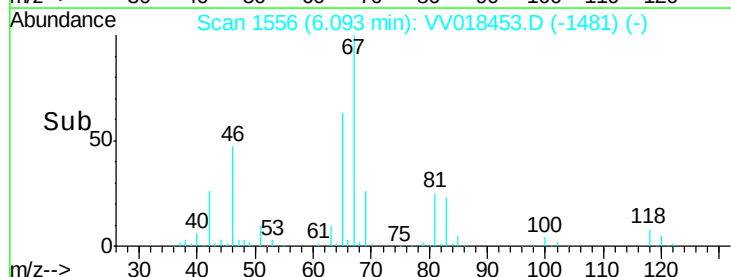
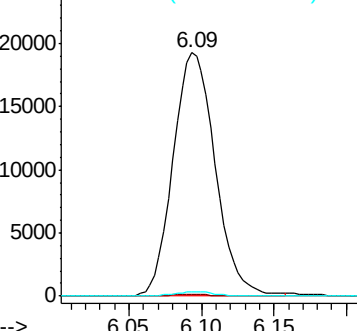
98 0.9 38.8 58.2#

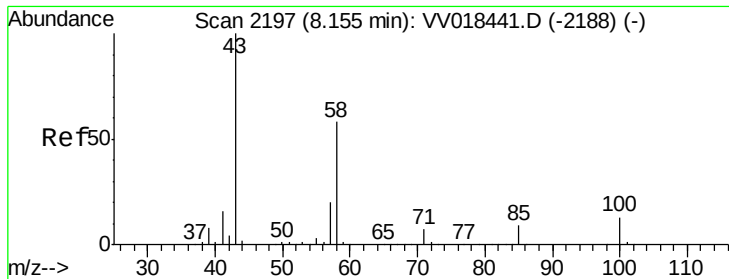


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

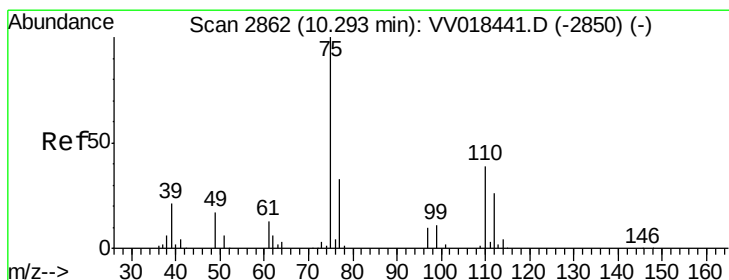
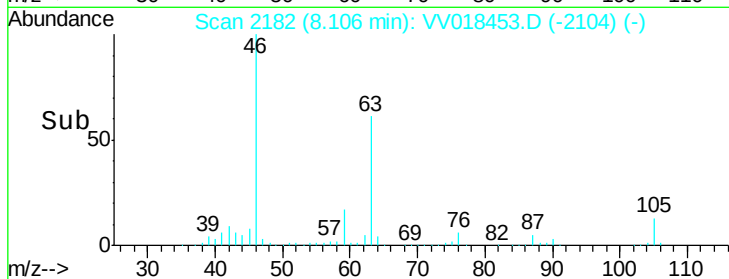
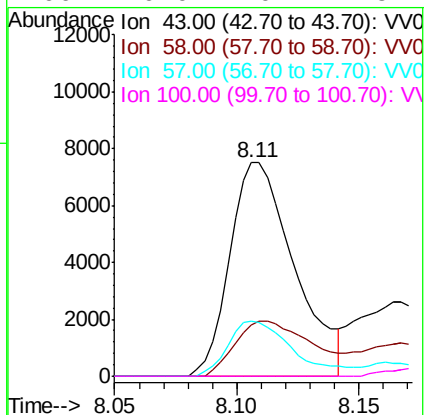
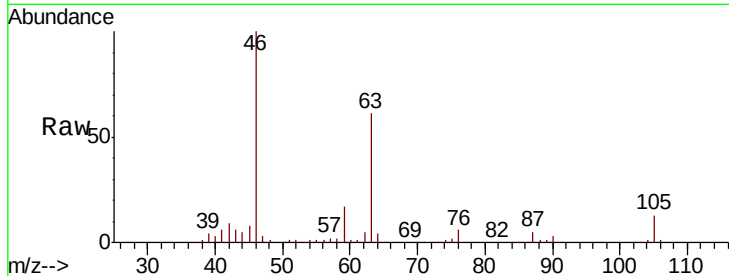




#48
2-Hexanone
Concen: 4.804 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV018453.D
Acq: 25 Sep 2020 14:22

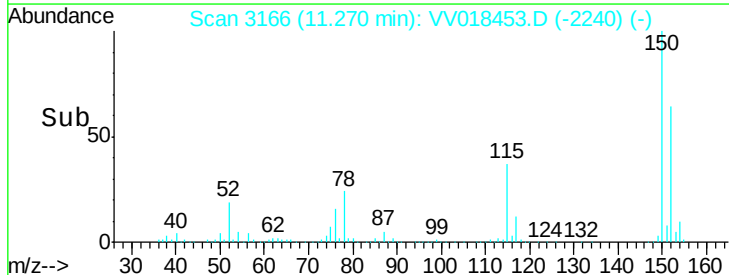
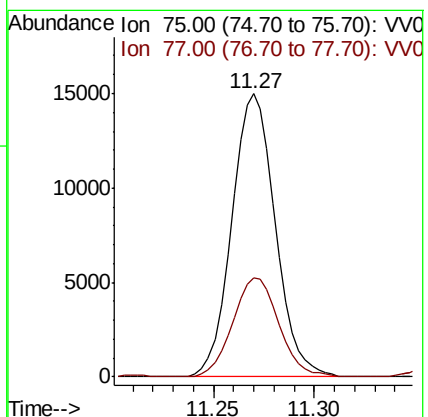
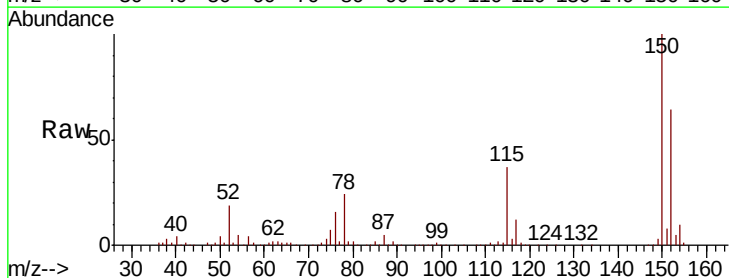
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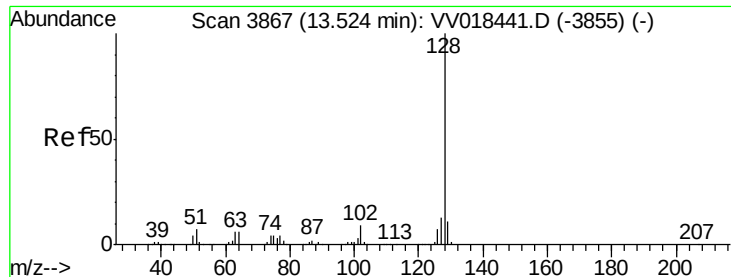
Tot Ion: 43 Resp: 13794
Ion Ratio Lower Upper
43 100
58 30.2 44.8 67.2#
57 26.1 15.8 23.6#
100 0.0 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.390 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018453.D
Acq: 25 Sep 2020 14:22

Tgt Ion: 75 Resp: 22565
Ion Ratio Lower Upper
75 100
77 37.1 25.8 38.6





#69

Naphthalene

Concen: 0.645 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV018453.D

Acq: 25 Sep 2020 14:22

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

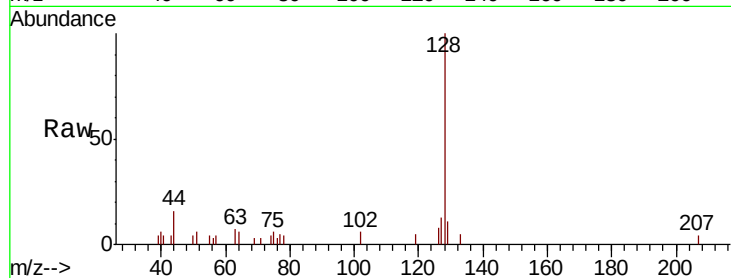
Tot Ion:128 Resp: 7000

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

