

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052820\
 Data File : VU038347.D
 Acq On : 28 May 2020 15:52
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 29 04:33:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	595967	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	570613	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	268516	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	217269	58.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.14%
7) Chloroethane-d5	1.93	69	168913	58.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.88%
11) 1,1-Dichloroethene-d2	2.59	63	323133	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.52%
21) 2-Butanone-d5	4.67	46	427572	120.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.29%
24) Chloroform-d	5.10	84	403855	54.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.94%
26) 1,2-Dichloroethane-d4	5.74	65	283193	56.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.50%
32) Benzene-d6	5.76	84	858332	57.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.78%
36) 1,2-Dichloropropane-d6	6.72	67	264188	57.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.96%
41) Toluene-d8	7.92	98	743201	56.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.42%
43) trans-1,3-Dichloropropene-	8.20	79	126659	55.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.72%
47) 2-Hexanone-d5	8.65	63	312332	129.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.07%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	374068	55.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	283838	57.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.06%

Target Compounds

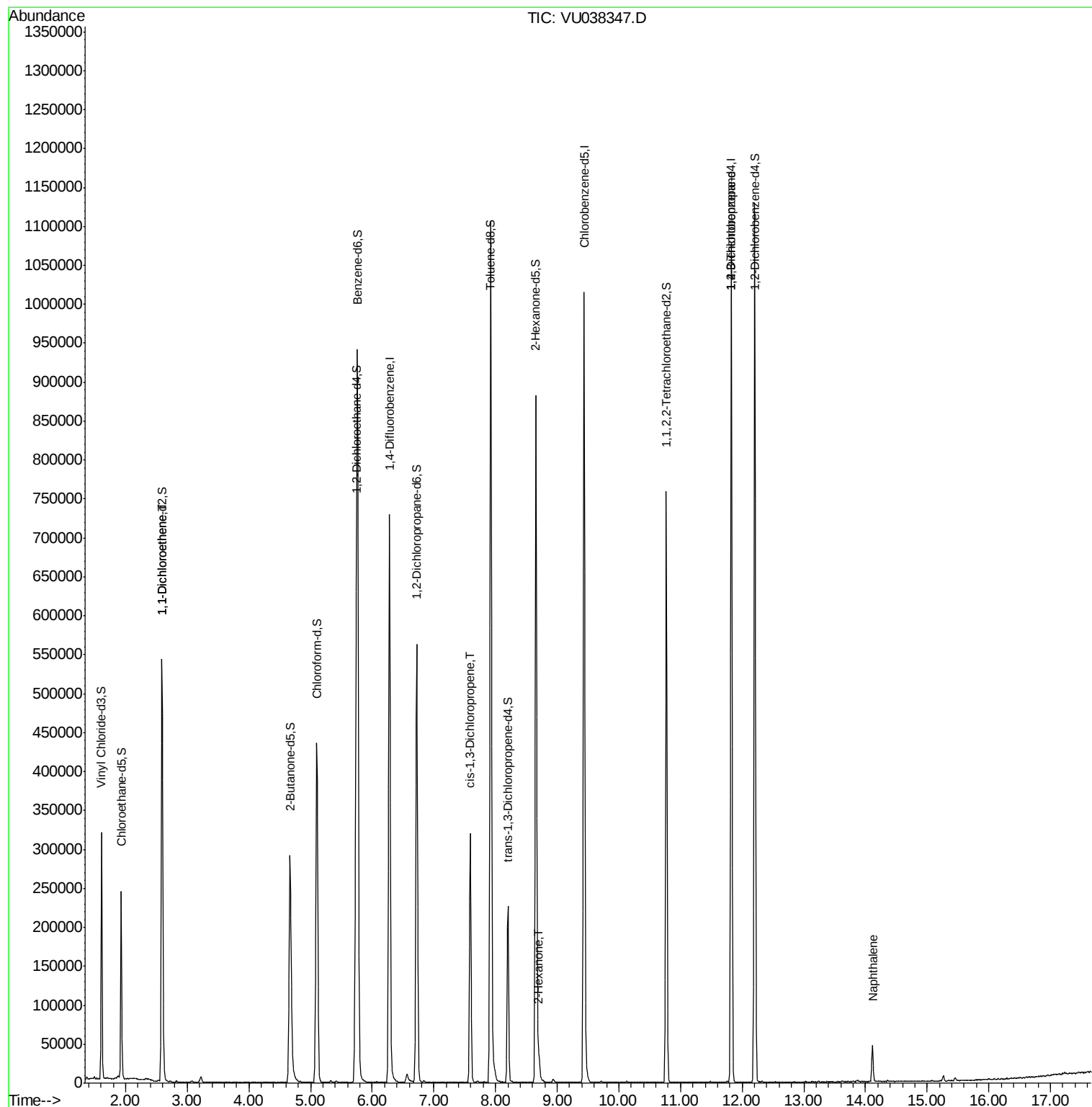
					Ovalue
12) 1,1-Dichloroethene	2.59	96	2901	0.803 ug/L #	1
39) cis-1,3-Dichloropropene	7.59	75	7905	1.195 ug/L #	55
48) 2-Hexanone	8.71	43	16476	2.952 ug/L	99
59) 1,2,3-Trichloropropane	11.83	75	33825	5.820 ug/L	91
69) Naphthalene	14.11	128	36617	1.909 ug/L	97

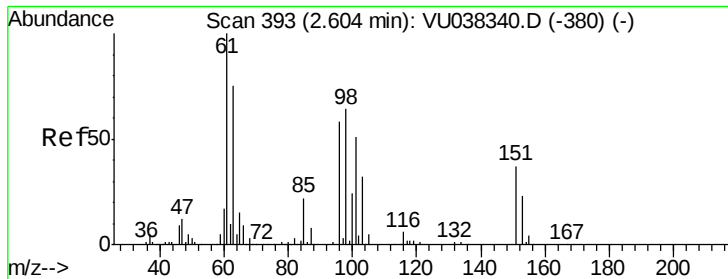
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.803 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038347.D

Acq: 28 May 2020 15:52

Instrument :

MSVOA_U

ClientSampleId :

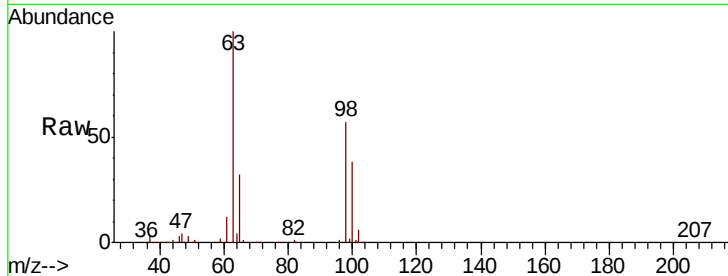
Tot Ion: 96 Resp: 2901

Ion Ratio Lower Upper

96 100

61 1400.2 123.5 229.3#

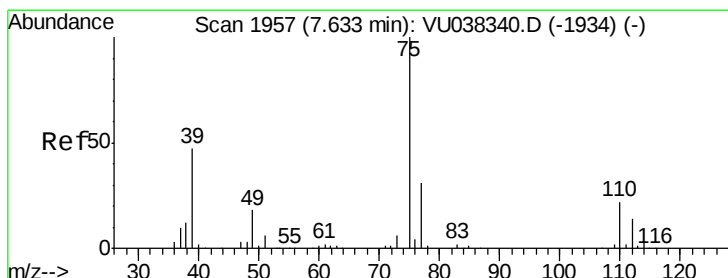
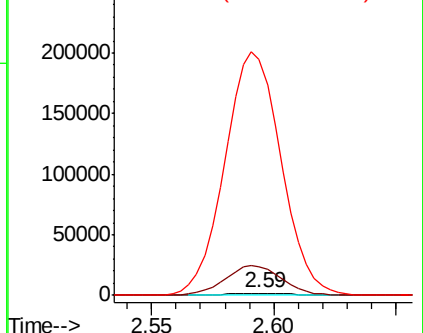
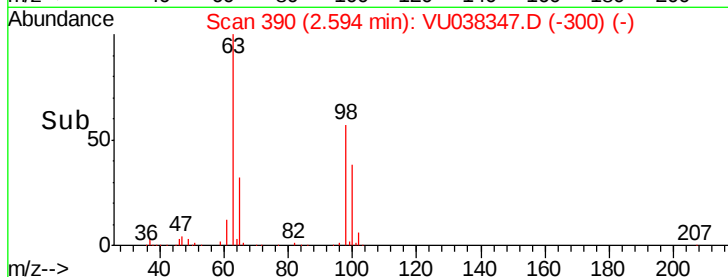
63 11582.4 76.6 142.2#



Abundance Ion 96.00 (95.70 to 96.70): VU038347.D (-300) (-)

Ion 61.00 (60.70 to 61.70): VU038347.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU038347.D (-300) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.195 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038347.D

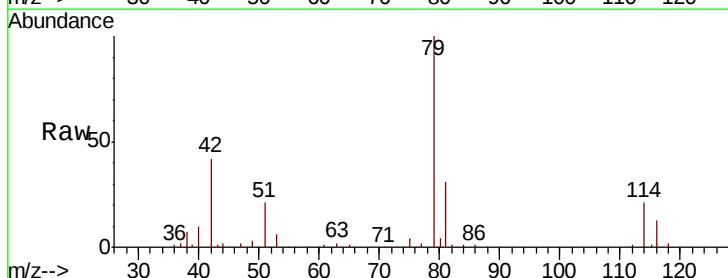
Acq: 28 May 2020 15:52

Tgt Ion: 75 Resp: 7905

Ion Ratio Lower Upper

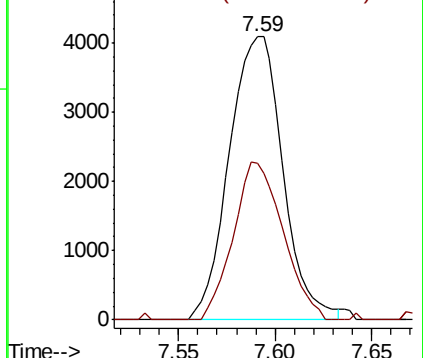
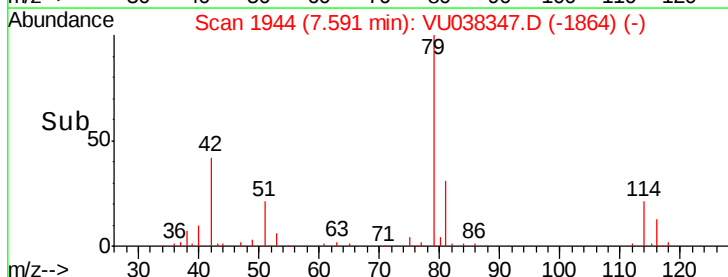
75 100

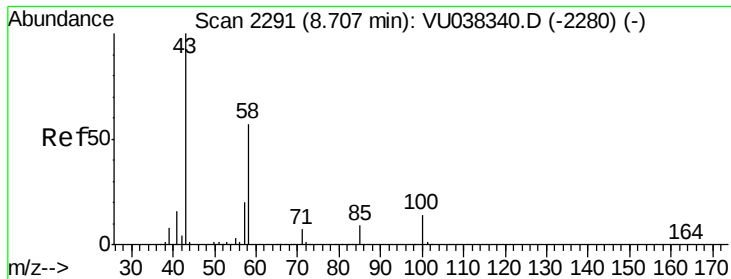
77 55.5 21.6 40.0#



Abundance Ion 75.00 (74.70 to 75.70): VU038347.D (-1864) (-)

Ion 77.00 (76.70 to 77.70): VU038347.D (-1864) (-)

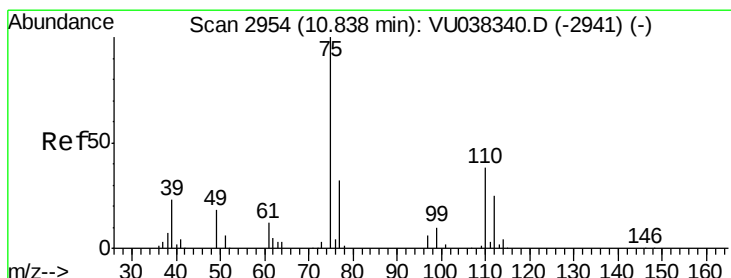
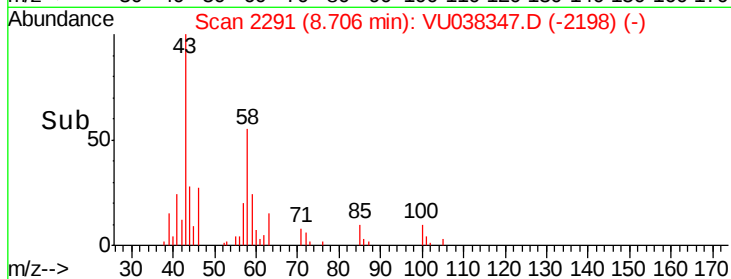
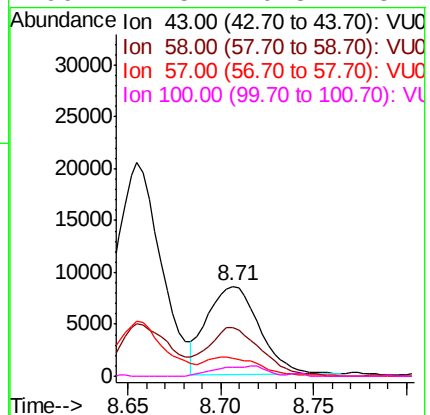
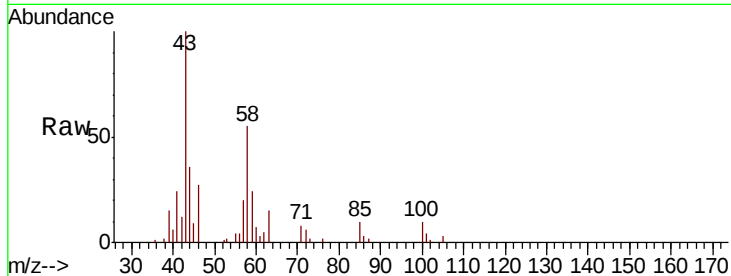




#48
 2-Hexanone
 Concen: 2.952 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038347.D
 Acq: 28 May 2020 15:52

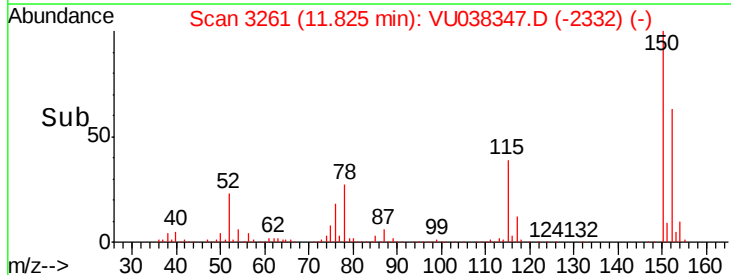
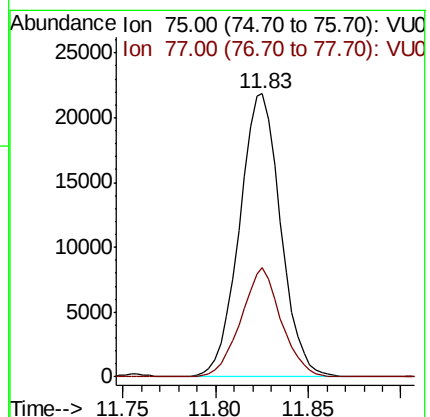
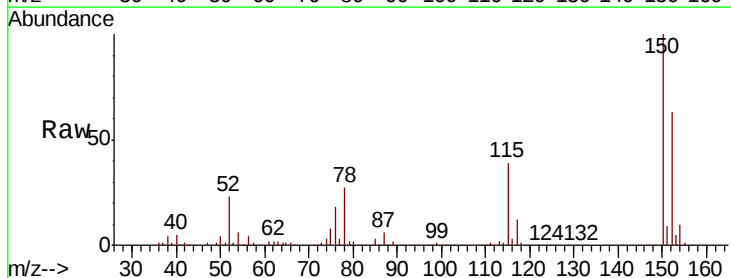
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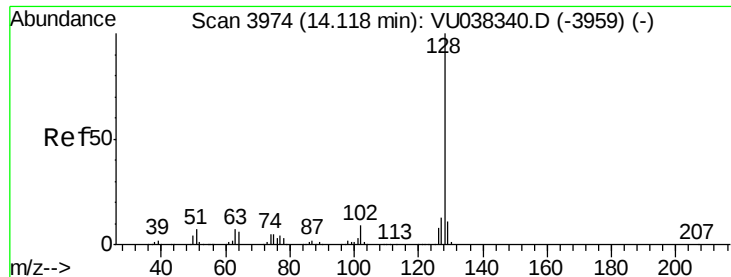
Tot Ion: 43 Resp: 16476
 Ion Ratio Lower Upper
 43 100
 58 57.1 45.5 68.3
 57 19.8 16.3 24.5
 100 11.5 10.5 15.7



#59
 1,2,3-Trichloropropane
 Concen: 5.820 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU038347.D
 Acq: 28 May 2020 15:52

Tgt Ion: 75 Resp: 33825
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.8 38.8





#69

Naphthalene

Concen: 1.909 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.00 min

Lab File: VU038347.D

Acq: 28 May 2020 15:52

Instrument :

MSVOA_U

ClientSampleId :

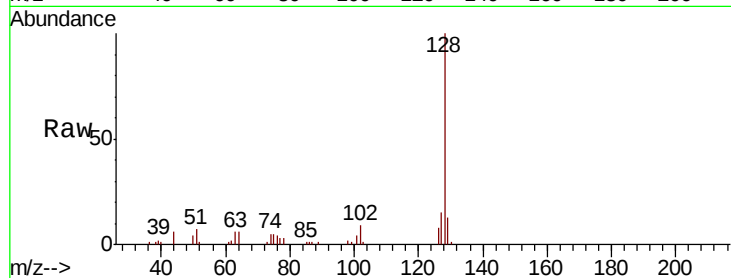
Tot Ion:128 Resp: 36617

Ion Ratio Lower Upper

128 100

127 14.5 10.4 15.6

129 11.8 8.6 12.8



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

