

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122719\
 Data File : VU036360.D
 Acq On : 27 Dec 2019 17:39
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 00:11:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 28 00:08:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	425310	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	404140	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	172792	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134191	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.98%
7) Chloroethane-d5	1.90	69	390	0.14	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.28%#
11) 1,1-Dichloroethene-d2	2.59	63	185128	32.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.58%
21) 2-Butanone-d5	4.68	46	196189	79.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.50%
24) Chloroform-d	5.11	84	242291	41.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.78%
26) 1,2-Dichloroethane-d4	5.75	65	169518	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
32) Benzene-d6	5.77	84	493464	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
36) 1,2-Dichloropropane-d6	6.73	67	164150	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.00%
41) Toluene-d8	7.93	98	471334	43.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.28%
43) trans-1,3-Dichloropropene-	8.21	79	86986	42.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.96%
47) 2-Hexanone-d5	8.67	63	171293	88.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	244566	42.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.46%
64) 1,2-Dichlorobenzene-d4	12.22	152	162711	44.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.78%

Target Compounds

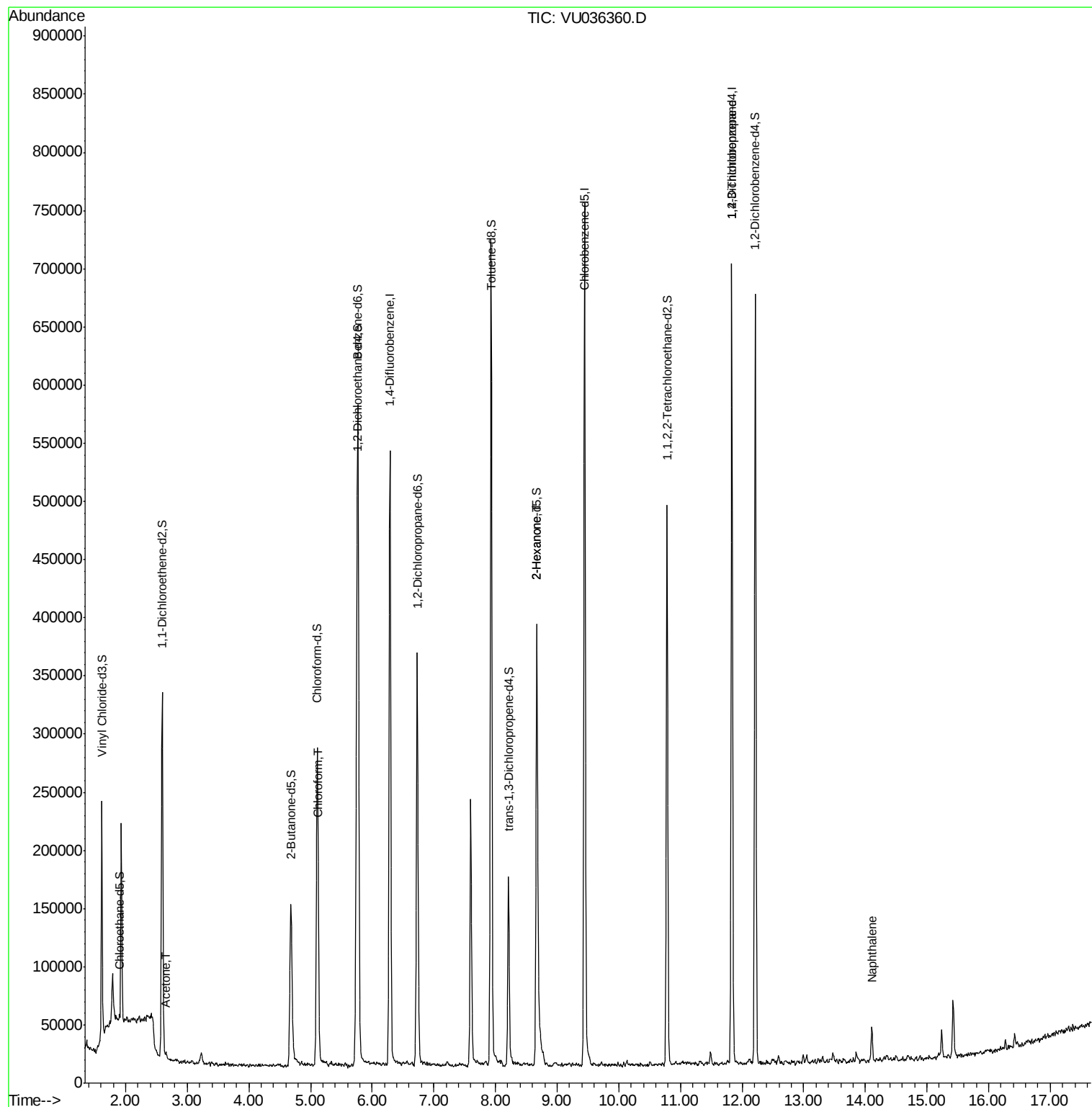
					Ovalue
13) Acetone	2.66	43	5653	2.208 ug/L	84
25) Chloroform	5.13	83	9695	1.708 ug/L	94
48) 2-Hexanone	8.67	43	18701	4.449 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	26291	5.829 ug/L	96
69) Naphthalene	14.11	128	22267	2.306 ug/L	96

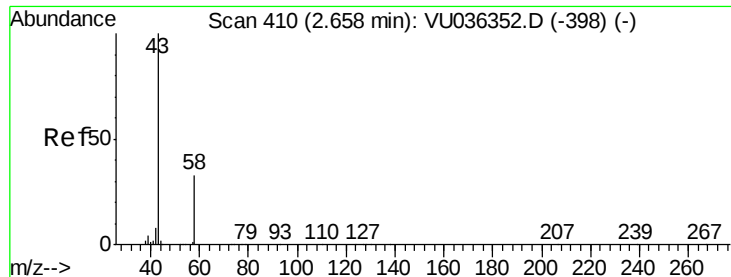
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122719\
Data File : VU036360.D
Acq On : 27 Dec 2019 17:39
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 28 00:11:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 28 00:08:06 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.208 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036360.D

Acq: 27 Dec 2019 17:39

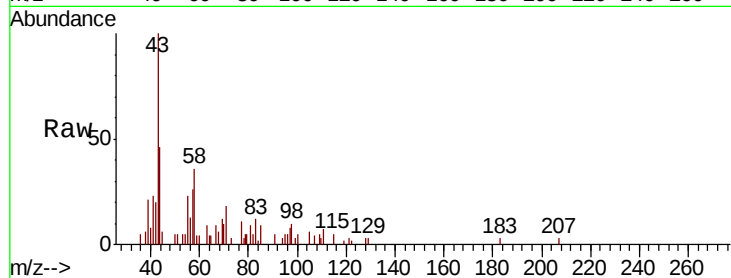
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 5653

Ion Ratio Lower Upper

43 100

58 42.4 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU036360.D (-411) (-)

Ion 58.00 (57.70 to 58.70): VU036360.D (-411) (-)

5000

4000

3000

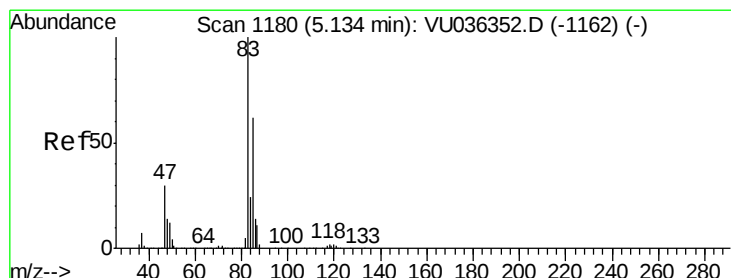
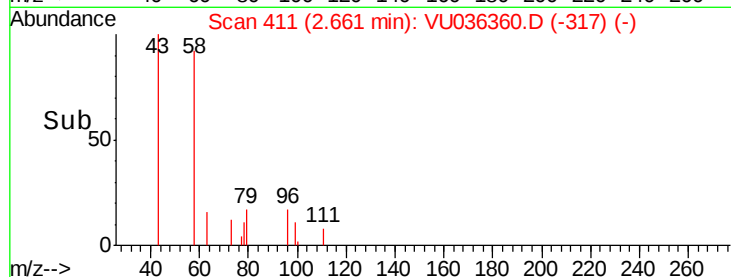
2000

1000

0

2.60 2.65 2.70

Time-->



#25

Chloroform

Concen: 1.708 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036360.D

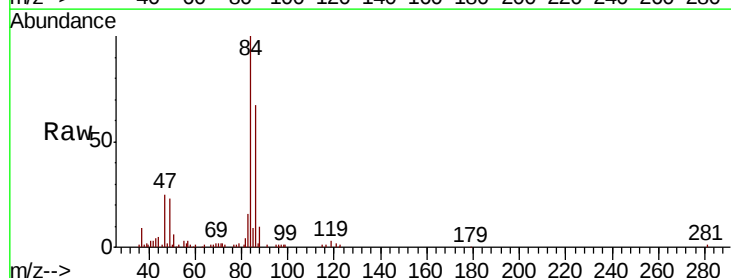
Acq: 27 Dec 2019 17:39

Tgt Ion: 83 Resp: 9695

Ion Ratio Lower Upper

83 100

85 58.1 43.9 81.5



Abundance Ion 83.00 (82.70 to 83.70): VU036360.D (-1180) (-)

Ion 85.00 (84.70 to 85.70): VU036360.D (-1180) (-)

5000

4000

3000

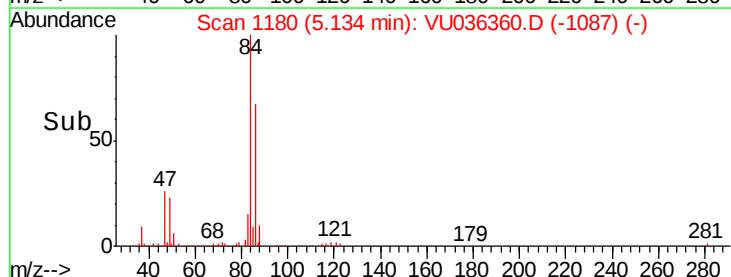
2000

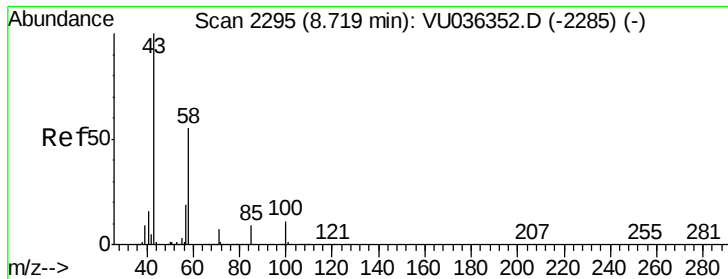
1000

0

5.10 5.15 5.20

Time-->





#48

2-Hexanone

Concen: 4.449 ug/L

RT: 8.67 min Scan# 2279

Delta R.T. -0.05 min

Lab File: VU036360.D

Acq: 27 Dec 2019 17:39

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 43 Resp: 18701

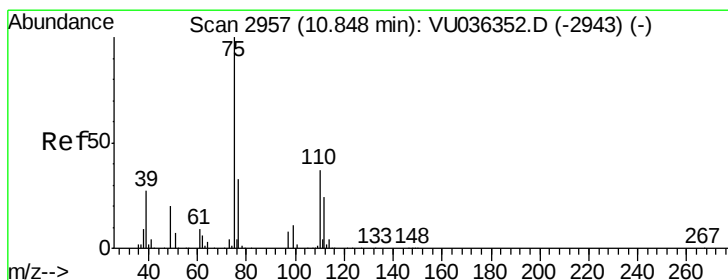
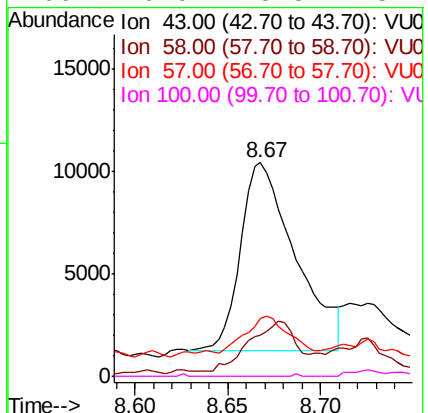
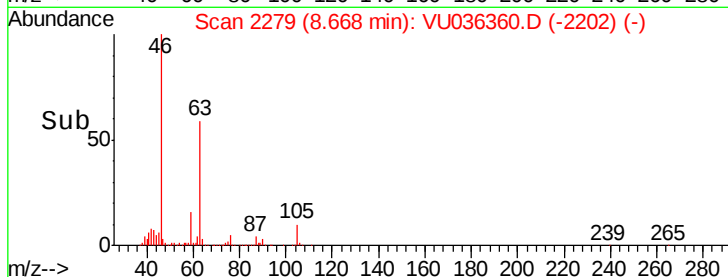
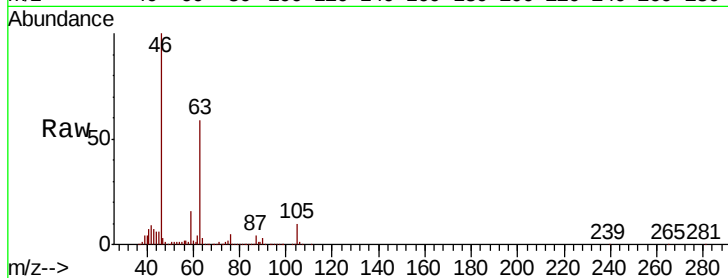
Ion Ratio Lower Upper

43 100

58 23.8 42.2 63.4#

57 17.0 14.8 22.2

100 0.0 8.8 13.2#



#59

1,2,3-Trichloropropane

Concen: 5.829 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036360.D

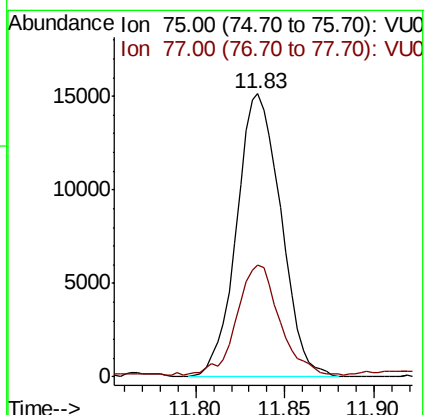
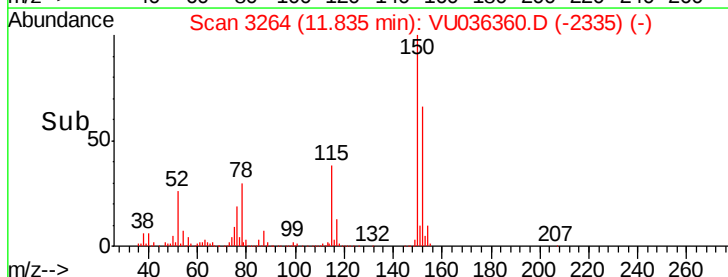
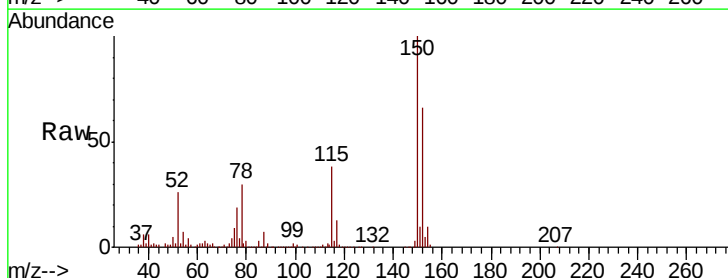
Acq: 27 Dec 2019 17:39

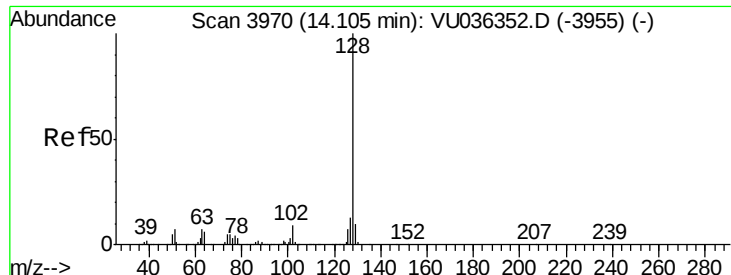
Tgt Ion: 75 Resp: 26291

Ion Ratio Lower Upper

75 100

77 35.0 26.3 39.5





#69

Naphthalene

Concen: 2.306 ug/L

RT: 14.11 min Scan# 3971

Delta R.T. 0.00 min

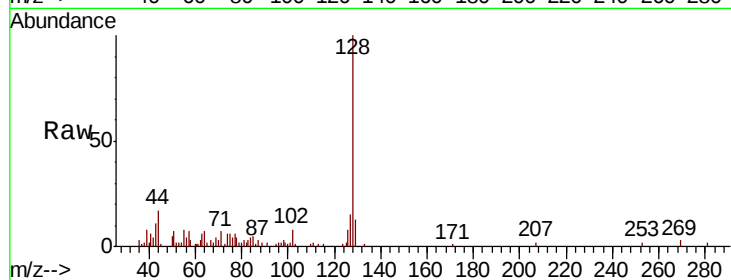
Lab File: VU036360.D

Acq: 27 Dec 2019 17:39

Instrument :

MSVOA_U

ClientSampleId :



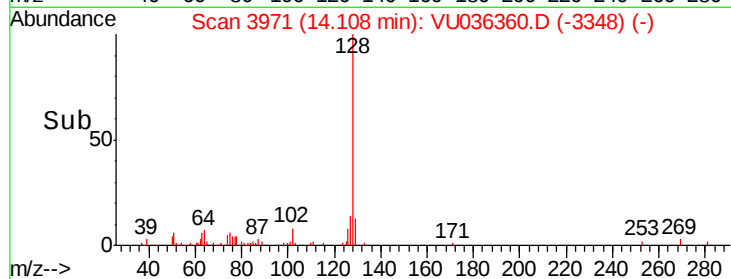
Tot Ion:128 Resp: 22267

Ion Ratio Lower Upper

128 100

127 14.5 10.5 15.7

129 12.0 8.5 12.7



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

