

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072320\
 Data File : VU039638.D
 Acq On : 23 Jul 2020 15:08
 Operator : SY/MD
 Sample : VU0723WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 02:03:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 01:59:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	208188	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	197788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	91494	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	58408	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.18%
7) Chloroethane-d5	1.92	69	67582	41.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.22%
11) 1,1-Dichloroethene-d2	2.58	63	94428	32.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.82%
21) 2-Butanone-d5	4.65	46	147245	94.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	5.09	84	134748	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.42%
26) 1,2-Dichloroethane-d4	5.72	65	96180	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.30%
32) Benzene-d6	5.74	84	258353	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
36) 1,2-Dichloropropane-d6	6.70	67	81979	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.04%
41) Toluene-d8	7.91	98	232275	44.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.90%
43) trans-1,3-Dichloropropene-	8.19	79	40888	44.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.96%
47) 2-Hexanone-d5	8.64	63	89352	90.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.95%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	124602	43.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.38%
64) 1,2-Dichlorobenzene-d4	12.19	152	92871	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%

Target Compounds

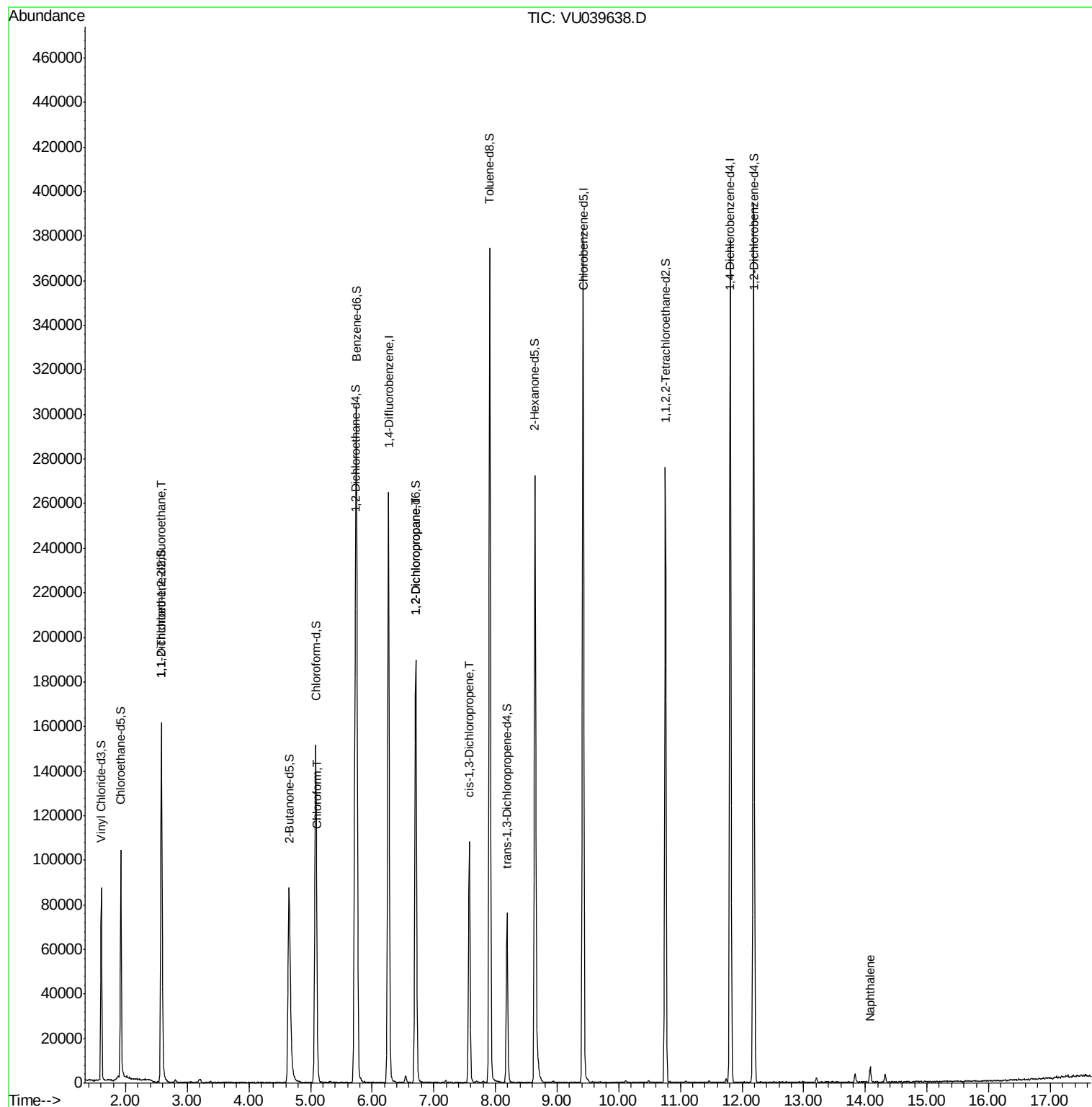
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	912	0.716 ug/L #	19
25) Chloroform	5.11	83	2980	1.042 ug/L	93
37) 1,2-Dichloropropane	6.71	63	9822	6.655 ug/L #	89
39) cis-1,3-Dichloropropene	7.58	75	3041	1.379 ug/L #	80
69) Naphthalene	14.08	128	6191	1.203 ug/L	96

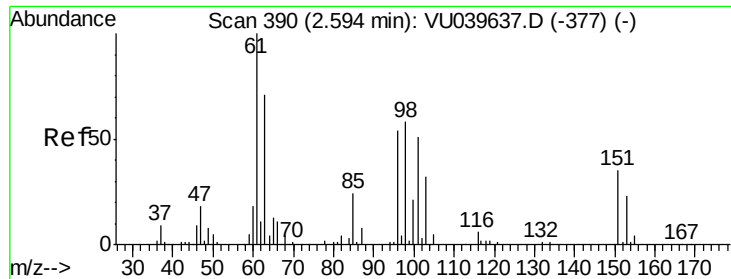
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.716 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU039638.D

Acq: 23 Jul 2020 15:08

Instrument :

MSVOA_U

ClientSampleId :

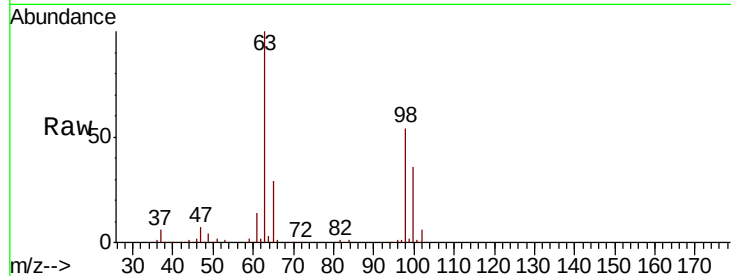
Tot Ion:101 Resp: 912

Ion Ratio Lower Upper

101 100

85 0.0 39.7 59.5#

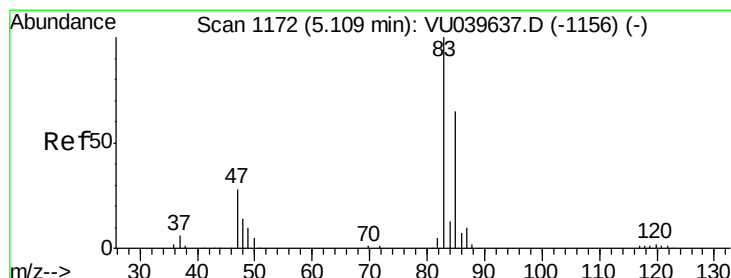
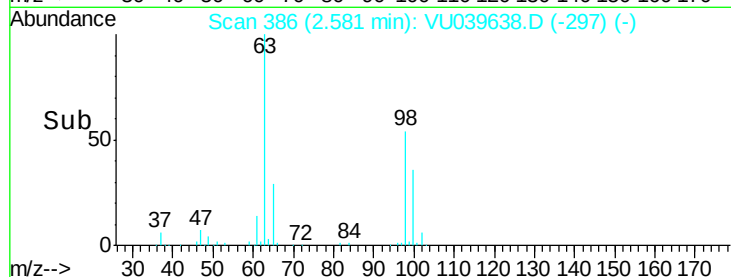
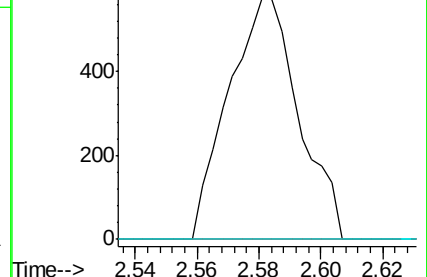
151 0.0 57.4 86.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.042 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VU039638.D

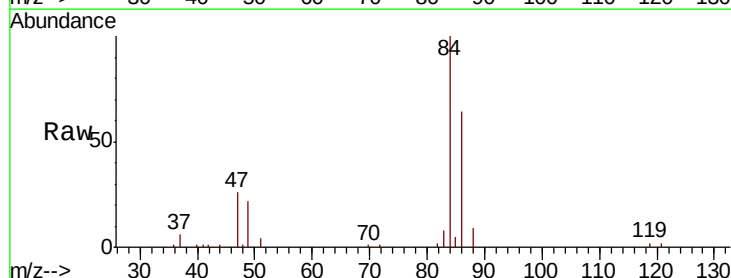
Acq: 23 Jul 2020 15:08

Tgt Ion: 83 Resp: 2980

Ion Ratio Lower Upper

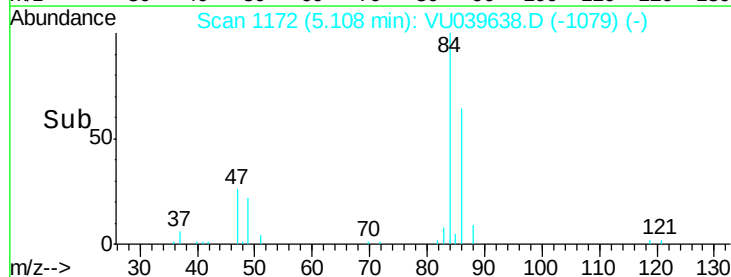
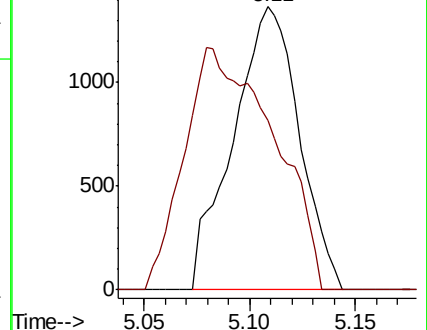
83 100

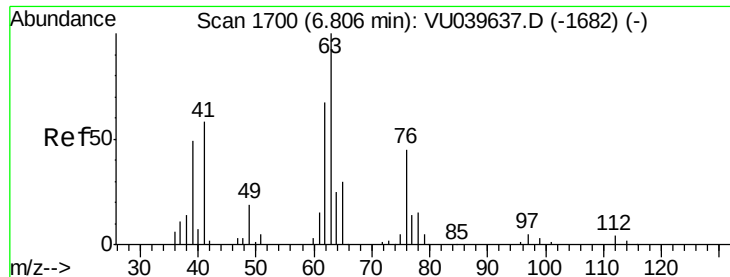
85 59.8 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

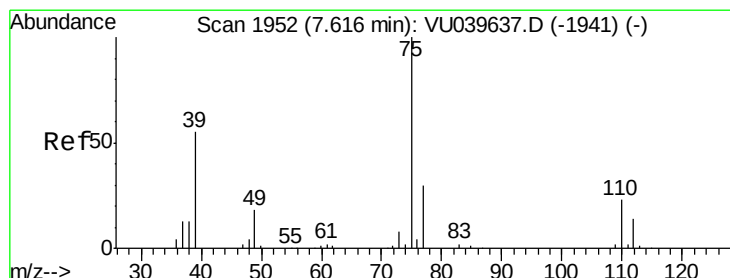
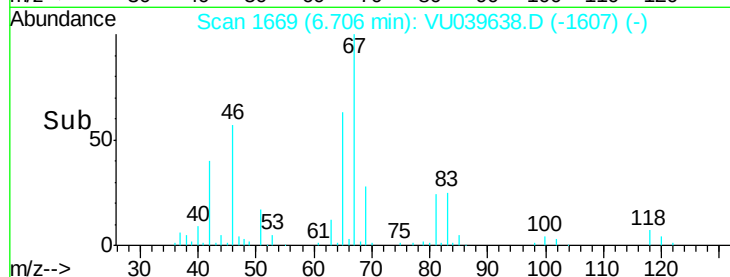
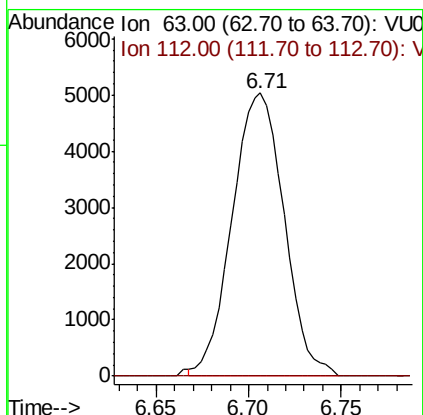
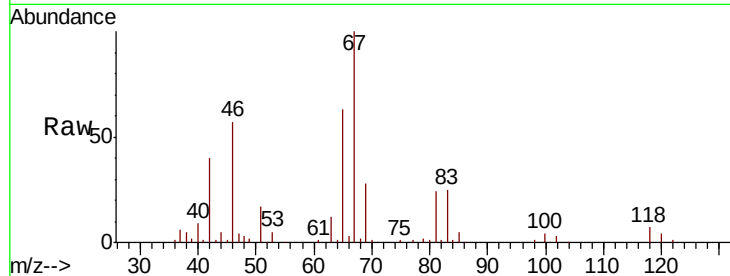




#37
 1,2-Dichloropropane
 Concen: 6.655 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039638.D
 Acq: 23 Jul 2020 15:08

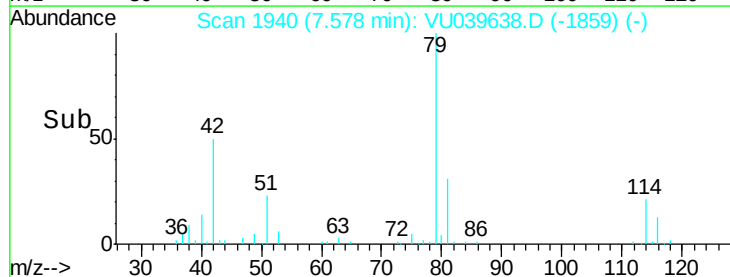
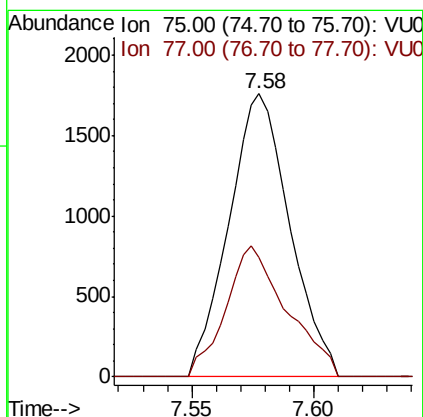
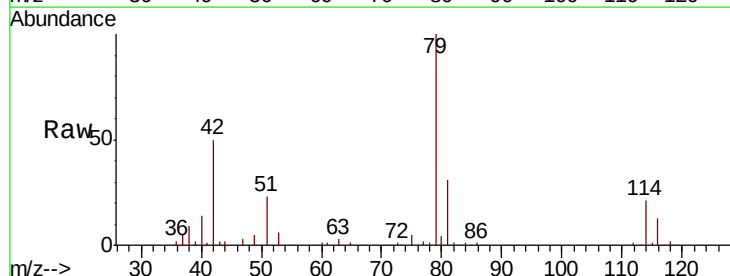
Instrument :
 MSVOA_U
 ClientSampled :

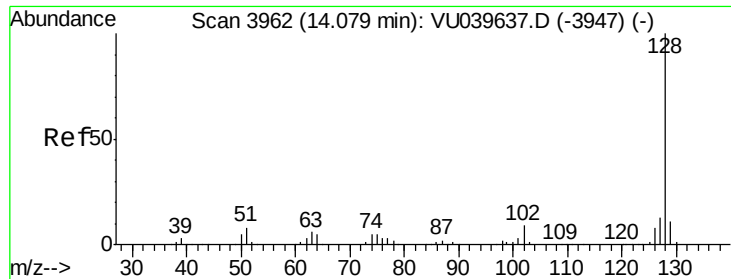
Tot Ion: 63 Resp: 9822
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 1.379 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039638.D
 Acq: 23 Jul 2020 15:08

Tgt Ion: 75 Resp: 3041
 Ion Ratio Lower Upper
 75 100
 77 42.2 21.8 40.6#





#69

Naphthalene

Concen: 1.203 ug/L

RT: 14.08 min Scan# 3963

Delta R.T. 0.00 min

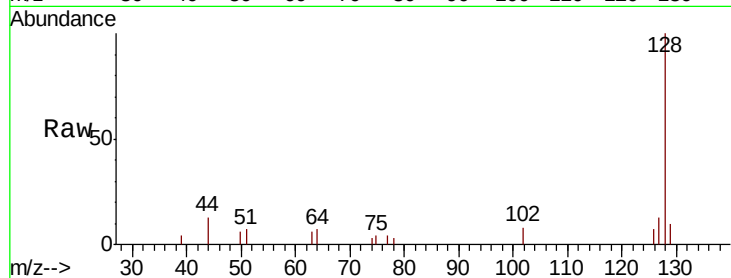
Lab File: VU039638.D

Acq: 23 Jul 2020 15:08

Instrument :

MSVOA_U

ClientSampleId :



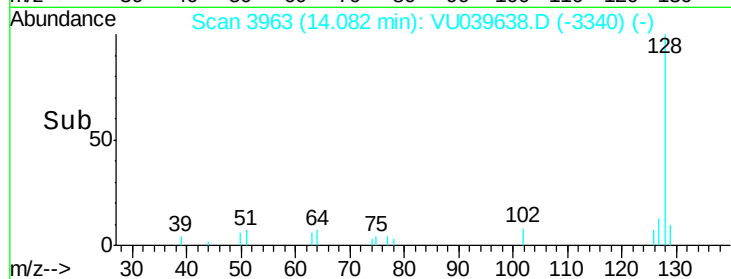
Tot Ion:128 Resp: 6191

Ion Ratio Lower Upper

128 100

127 12.0 10.7 16.1

129 9.1 8.8 13.2



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

