

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
 Data File : VU037025.D
 Acq On : 03 Mar 2020 15:46
 Operator : JC/MD
 Sample : L1746-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY3

Quant Time: Mar 04 09:25:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 04 06:53:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	263890	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	249306	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	88736	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100611	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.80%
7) Chloroethane-d5	1.93	69	95208	51.92	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.84%
11) 1,1-Dichloroethene-d2	2.59	63	131962	35.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.12%
21) 2-Butanone-d5	4.67	46	151112	101.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.66%
24) Chloroform-d	5.11	84	167994	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	5.74	65	116198	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
32) Benzene-d6	5.76	84	368782	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
36) 1,2-Dichloropropane-d6	6.72	67	119408	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.24%
41) Toluene-d8	7.92	98	321889	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%
43) trans-1,3-Dichloropropene-	8.20	79	48800	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.92%
47) 2-Hexanone-d5	8.66	63	102376	89.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	160961	48.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.76%
64) 1,2-Dichlorobenzene-d4	12.21	152	94321	54.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.74%

Target Compounds

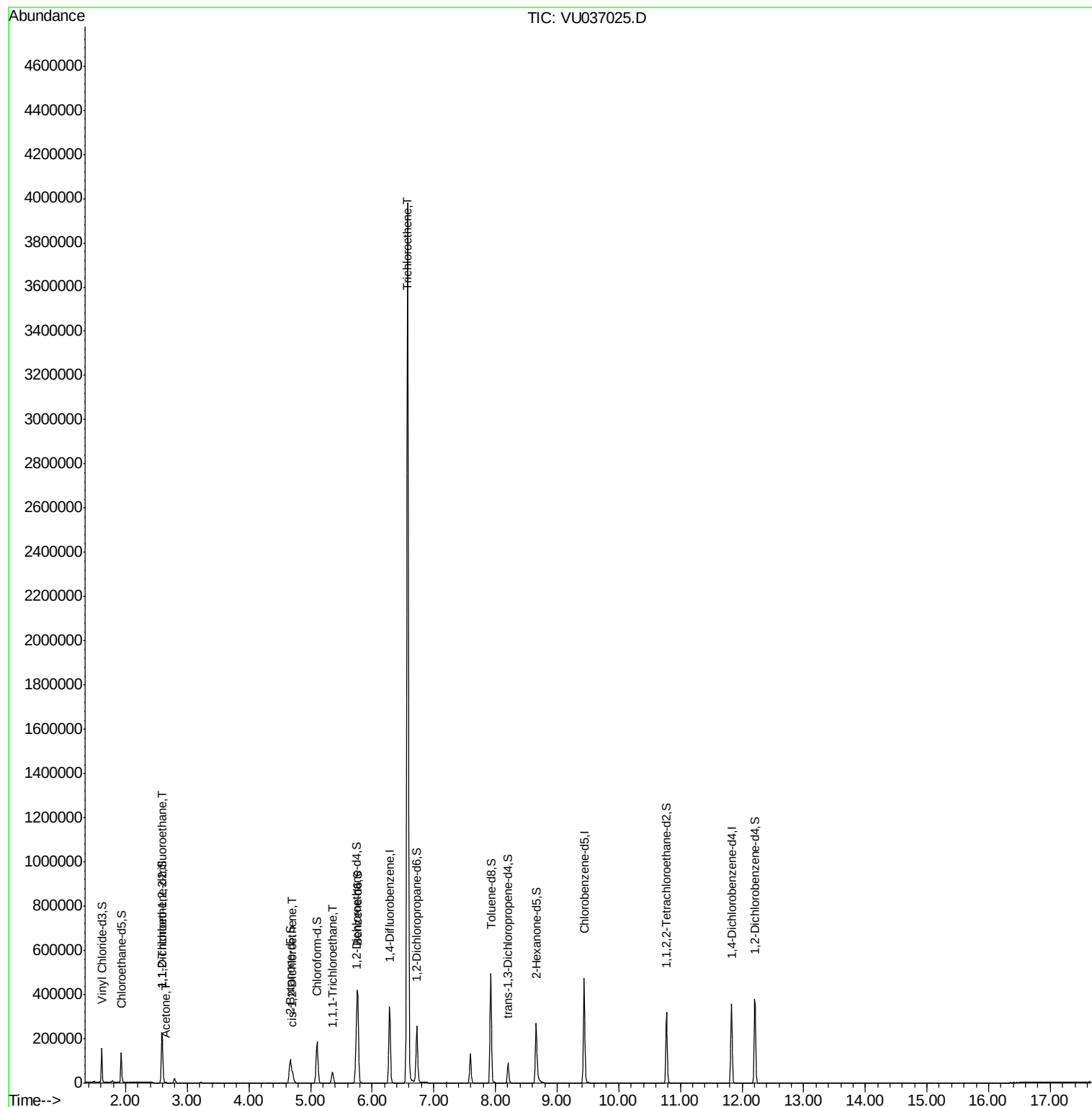
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4031	2.392	ug/L	# 77
13) Acetone	2.66	43	3550	2.322	ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	18736	9.151	ug/L	98
30) 1,1,1-Trichloroethane	5.36	97	35253	13.189	ug/L	98
34) Trichloroethene	6.57	95	1346328	695.496	ug/L	99

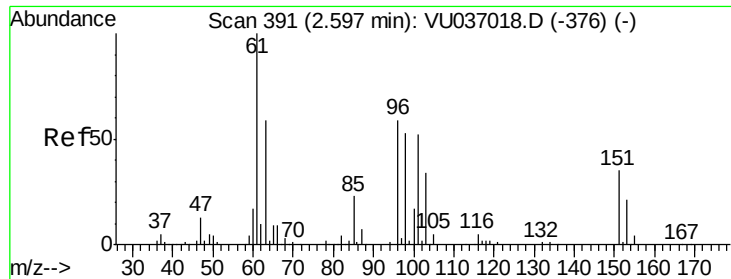
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 2.392 ug/L

RT: 2.60 min Scan# 392

Delta R.T. 0.00 min

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Acq: 03 Mar 2020 15:46

Instrument :

MSVOA_U

ClientSampled :

C0AY3

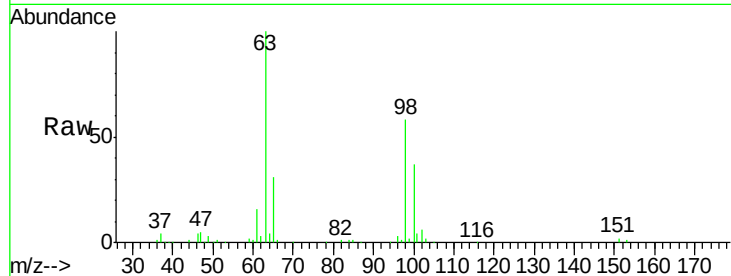
Tot Ion:101 Resp: 4031

Ion Ratio Lower Upper

101 100

85 30.9 36.4 54.6#

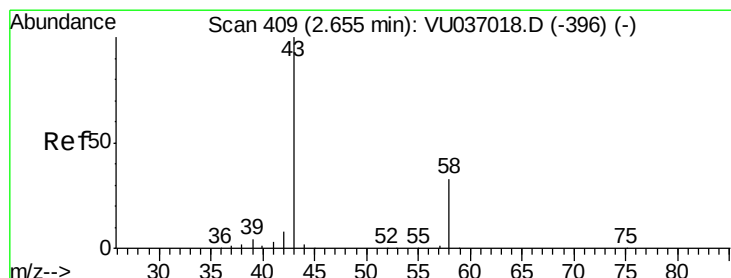
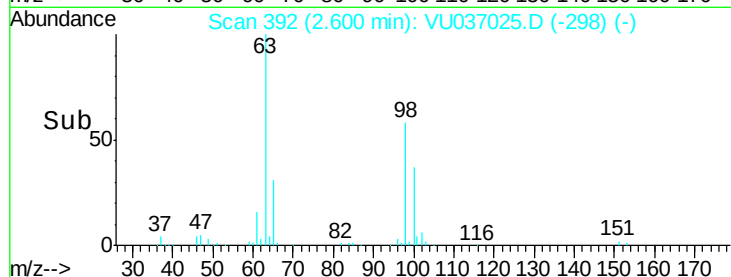
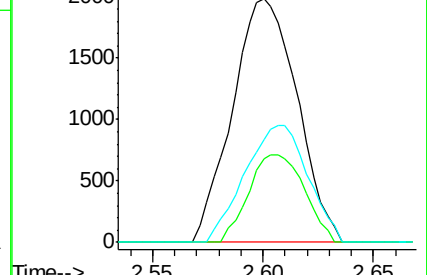
151 46.8 52.4 78.6#



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



#13

Acetone

Concen: 2.322 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU037025.D

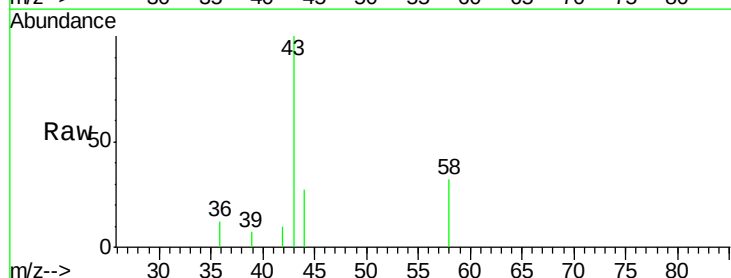
Acq: 03 Mar 2020 15:46

Tgt Ion: 43 Resp: 3550

Ion Ratio Lower Upper

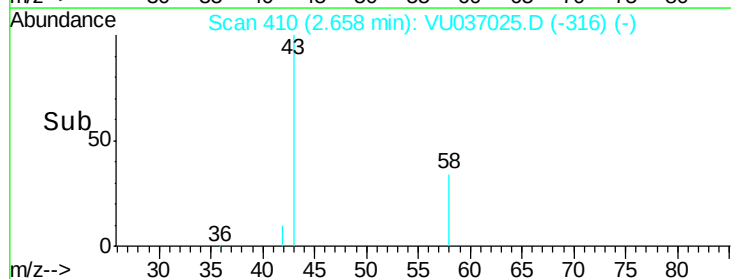
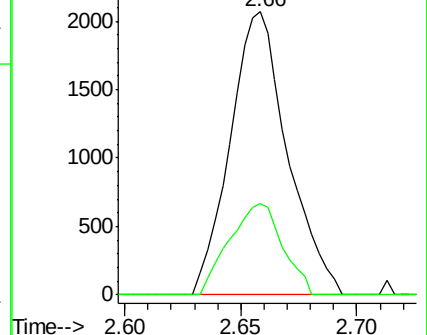
43 100

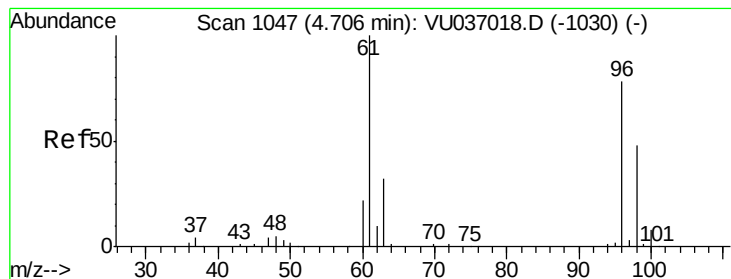
58 30.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 9.151 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037025.D

Acq: 03 Mar 2020 15:46

Instrument :

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ClientSampleId :

C0AY3

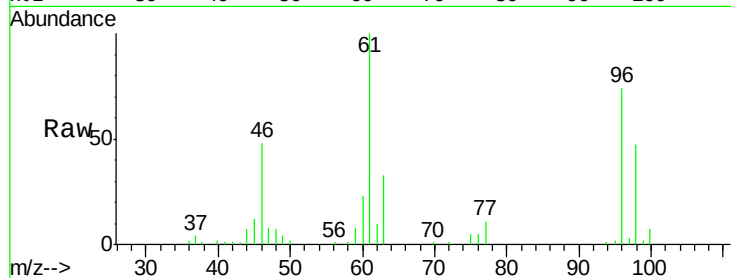
Tot Ion: 96 Resp: 18736

Ion Ratio Lower Upper

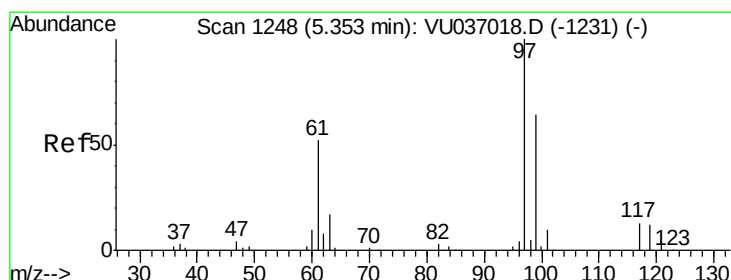
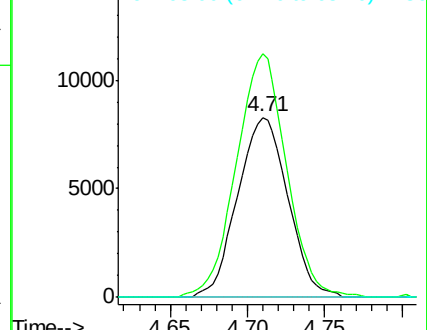
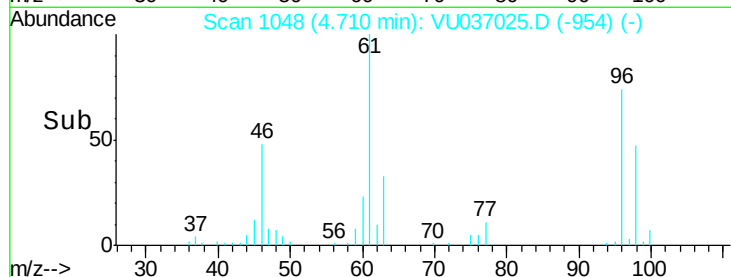
96 100

61 135.3 93.1 172.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037018.D (-1030) (-)



#30

1,1,1-Trichloroethane

Concen: 13.189 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. 0.00 min

Lab File: VU037025.D

Acq: 03 Mar 2020 15:46

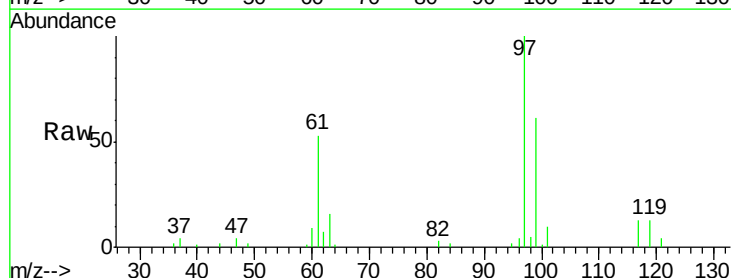
Tgt Ion: 97 Resp: 35253

Ion Ratio Lower Upper

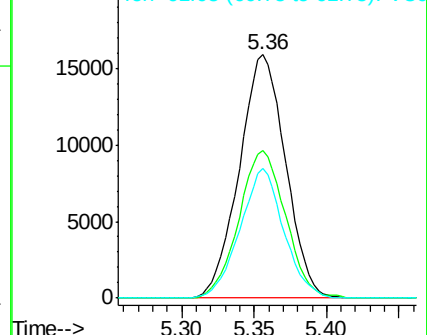
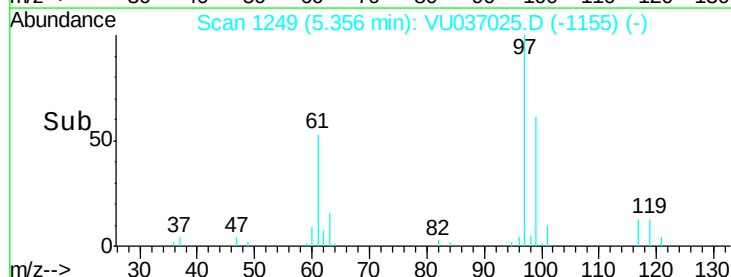
97 100

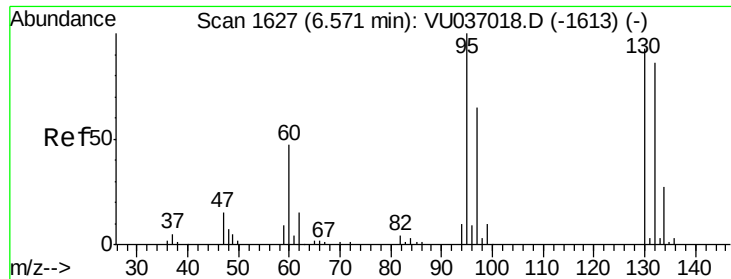
99 60.9 50.4 75.6

61 50.3 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU037018.D (-1231) (-)





#34

Trichloroethene

Concen: 695.496 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037025.D

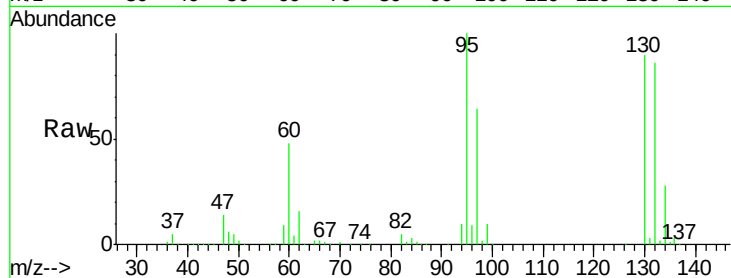
Acq: 03 Mar 2020 15:46

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Tot Ion: 95 Resp: 1346328

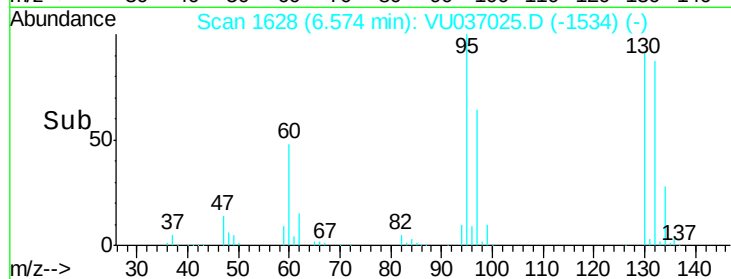
Ion Ratio Lower Upper

95 100

97 63.9 44.1 81.9

132 86.3 60.6 112.6

130 90.3 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

