

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037911.D
 Acq On : 29 Apr 2020 15:05
 Operator : JC/MD
 Sample : L2395-14 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D99

Quant Time: Apr 30 02:49:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	646361	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	632652	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	283173	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	213932	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.76%
7) Chloroethane-d5	1.93	69	195475	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.32%
11) 1,1-Dichloroethene-d2	2.59	63	329542	36.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.10%
21) 2-Butanone-d5	4.66	46	394676	88.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.20%
24) Chloroform-d	5.10	84	380459	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
26) 1,2-Dichloroethane-d4	5.74	65	280090	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.76	84	850476	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
36) 1,2-Dichloropropane-d6	6.72	67	287892	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.22%
41) Toluene-d8	7.92	98	775883	47.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.36%
43) trans-1,3-Dichloropropene-	8.20	79	117944	38.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.58%
47) 2-Hexanone-d5	8.65	63	297836	91.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.43%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	399291	47.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.92%
64) 1,2-Dichlorobenzene-d4	12.21	152	276483	50.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.36%

Target Compounds

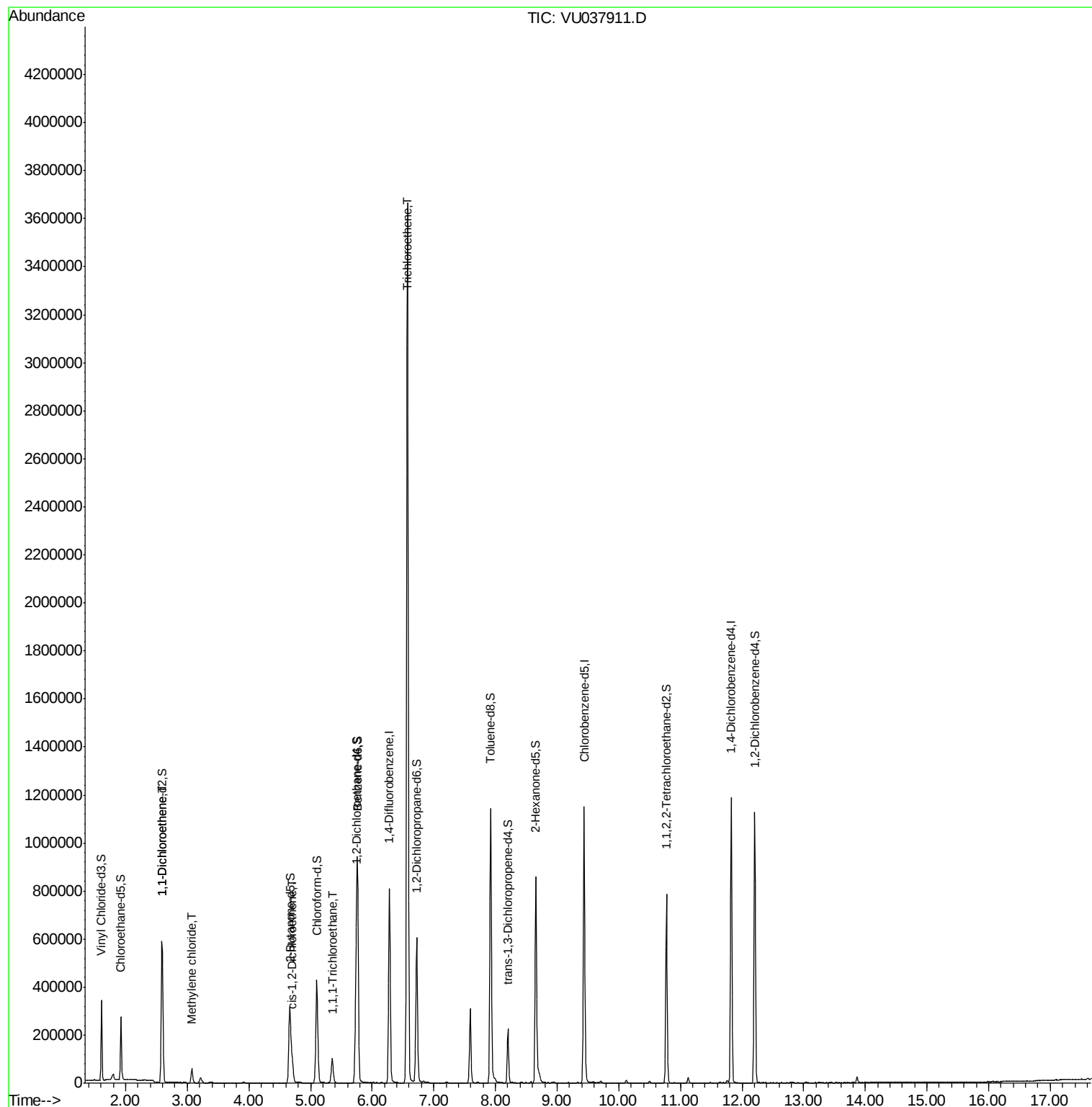
					Ovalue
12) 1,1-Dichloroethene	2.60	96	74341	18.945	ug/L # 56
16) Methylene chloride	3.08	84	27396	5.875	ug/L 93
20) cis-1,2-Dichloroethene	4.71	96	36891	7.679	ug/L 89
30) 1,1,1-Trichloroethane	5.35	97	71794	10.161	ug/L 100
34) Trichloroethene	6.57	95	1241843	263.655	ug/L 99

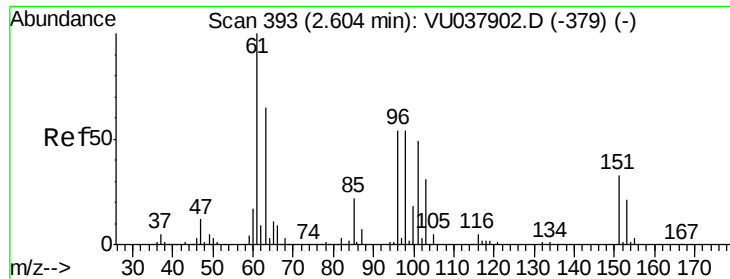
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 18.945 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU037911.D

Acq: 29 Apr 2020 15:05

Instrument :

MSVOA_U

ClientSampleId :

C0D99

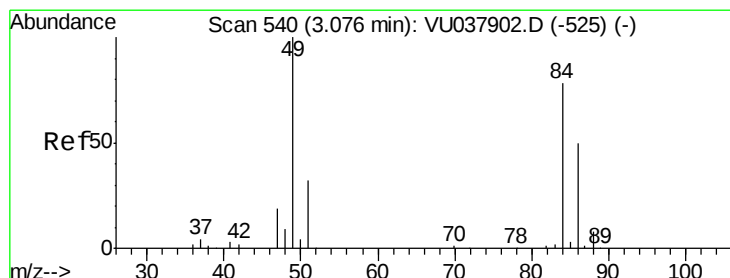
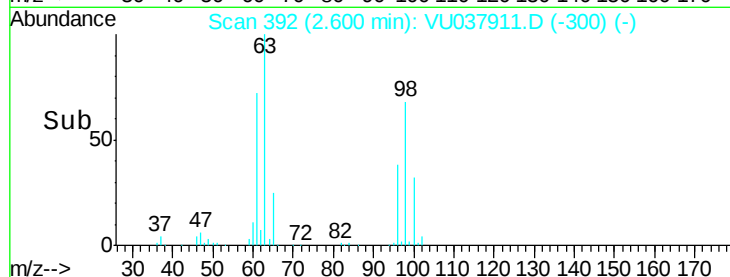
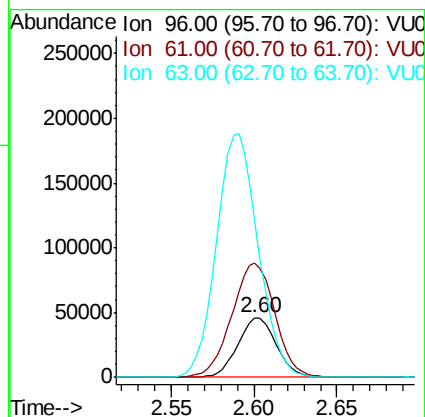
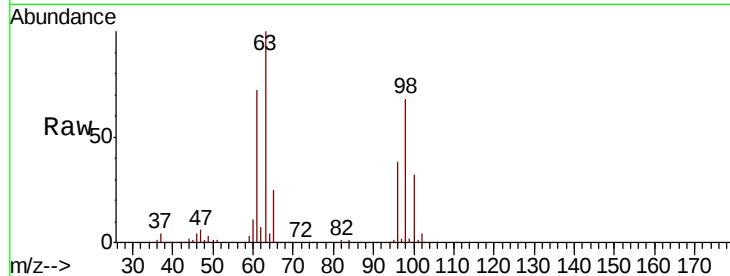
Tot Ion: 96 Resp: 74341

Ion Ratio Lower Upper

96 100

61 191.8 134.1 249.0

63 264.8 96.5 179.1#



#16

Methylene chloride

Concen: 5.875 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU037911.D

Acq: 29 Apr 2020 15:05

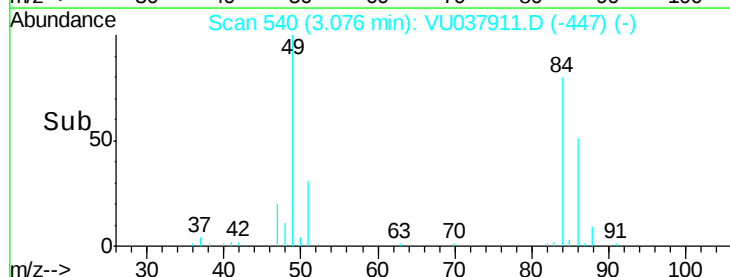
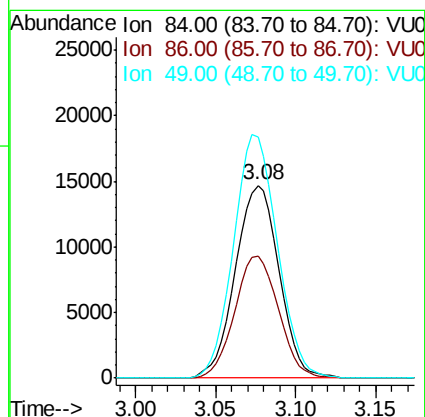
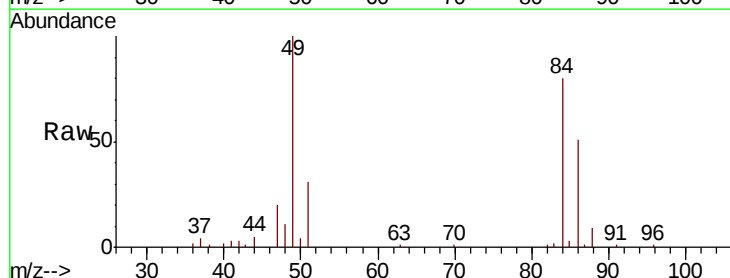
Tgt Ion: 84 Resp: 27396

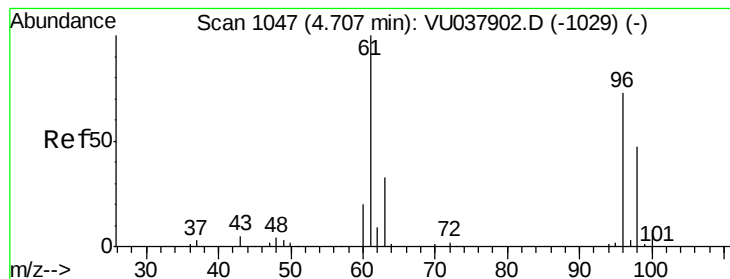
Ion Ratio Lower Upper

84 100

86 63.4 43.5 80.7

49 125.4 95.1 176.7





#20

cis-1,2-Dichloroethene

Concen: 7.679 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037911.D

Acq: 29 Apr 2020 15:05

Instrument :

MSVOA_U

ClientSampleId :

C0D99

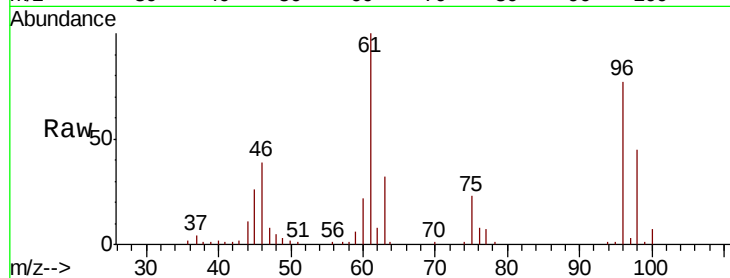
Tot Ion: 96 Resp: 36891

Ion Ratio Lower Upper

96 100

61 129.3 100.4 186.4

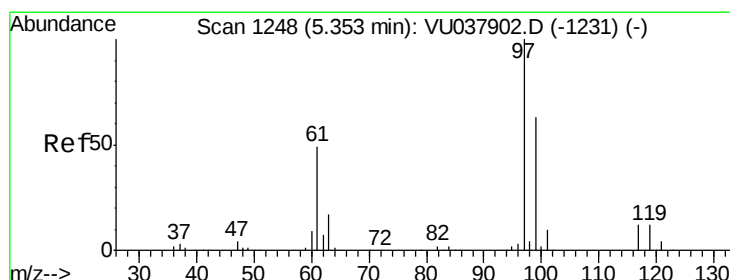
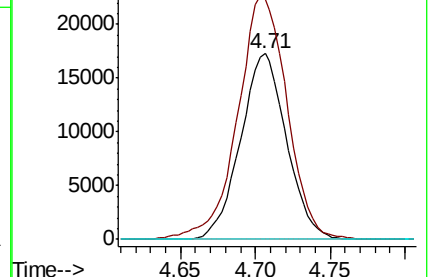
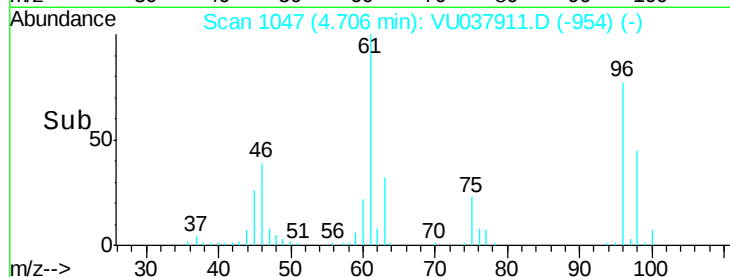
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037911.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU037911.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU037911.D (-954) (-)



#30

1,1,1-Trichloroethane

Concen: 10.161 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VU037911.D

Acq: 29 Apr 2020 15:05

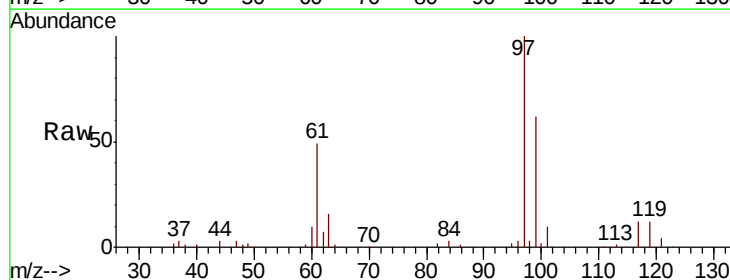
Tgt Ion: 97 Resp: 71794

Ion Ratio Lower Upper

97 100

99 63.2 50.7 76.1

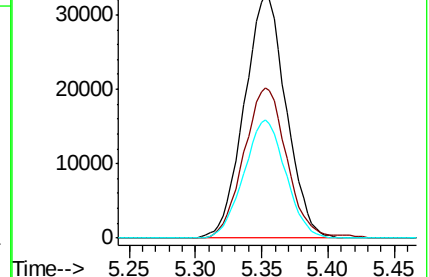
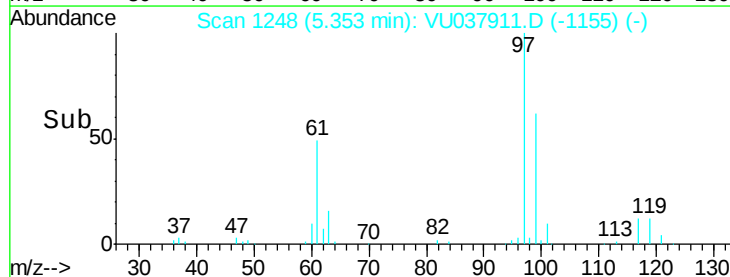
61 48.7 38.9 58.3

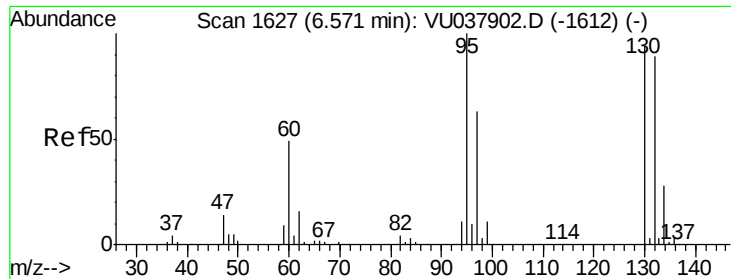


Abundance Ion 97.00 (96.70 to 97.70): VU037911.D (-1155) (-)

Ion 99.00 (98.70 to 99.70): VU037911.D (-1155) (-)

Ion 61.05 (60.75 to 61.75): VU037911.D (-1155) (-)





#34

Trichloroethene

Concen: 263.655 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037911.D

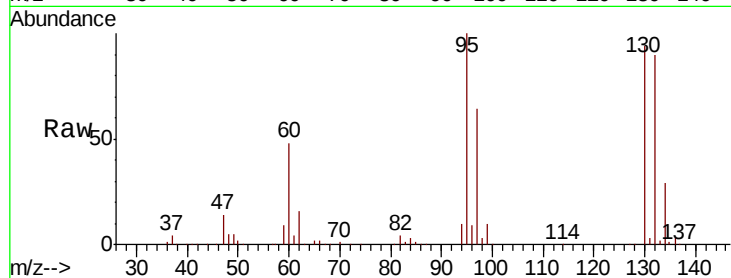
Acq: 29 Apr 2020 15:05

Instrument :

MSVOA_U

ClientSampleId :

C0D99



Tot Ion: 95 Resp: 1241843

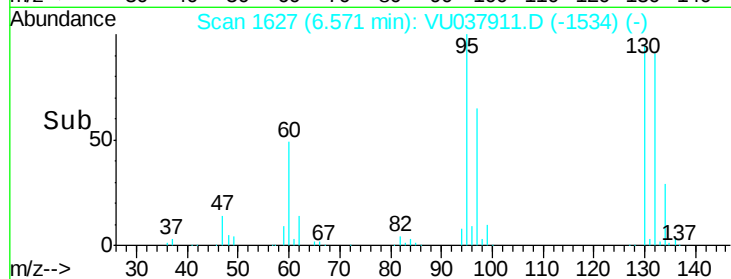
Ion Ratio Lower Upper

95 100

97 64.2 44.4 82.5

132 90.0 65.0 120.6

130 93.5 65.5 121.7



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

