

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037904.D
 Acq On : 29 Apr 2020 11:07
 Operator : JC/MD
 Sample : L2395-02DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D87DL

Quant Time: Apr 30 01:34:36 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	356832	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293517	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	112623	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	156757	50.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.56%
7) Chloroethane-d5	1.93	69	165101	68.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	136.66%#
11) 1,1-Dichloroethene-d2	2.59	63	156420	31.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.00%
21) 2-Butanone-d5	4.66	46	406321	164.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	164.48%#
24) Chloroform-d	5.10	84	299017	62.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.92%#
26) 1,2-Dichloroethane-d4	5.74	65	259420	78.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	157.78%#
32) Benzene-d6	5.76	84	554214	66.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.54%#
36) 1,2-Dichloropropane-d6	6.72	67	232465	83.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	167.46%#
41) Toluene-d8	7.92	98	359894	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%
43) trans-1,3-Dichloropropene-	8.20	79	80025	56.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.00%
47) 2-Hexanone-d5	8.65	63	299691	198.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	198.30%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	362412	93.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	187.64%#
64) 1,2-Dichlorobenzene-d4	12.21	152	130211	59.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.84%

Target Compounds

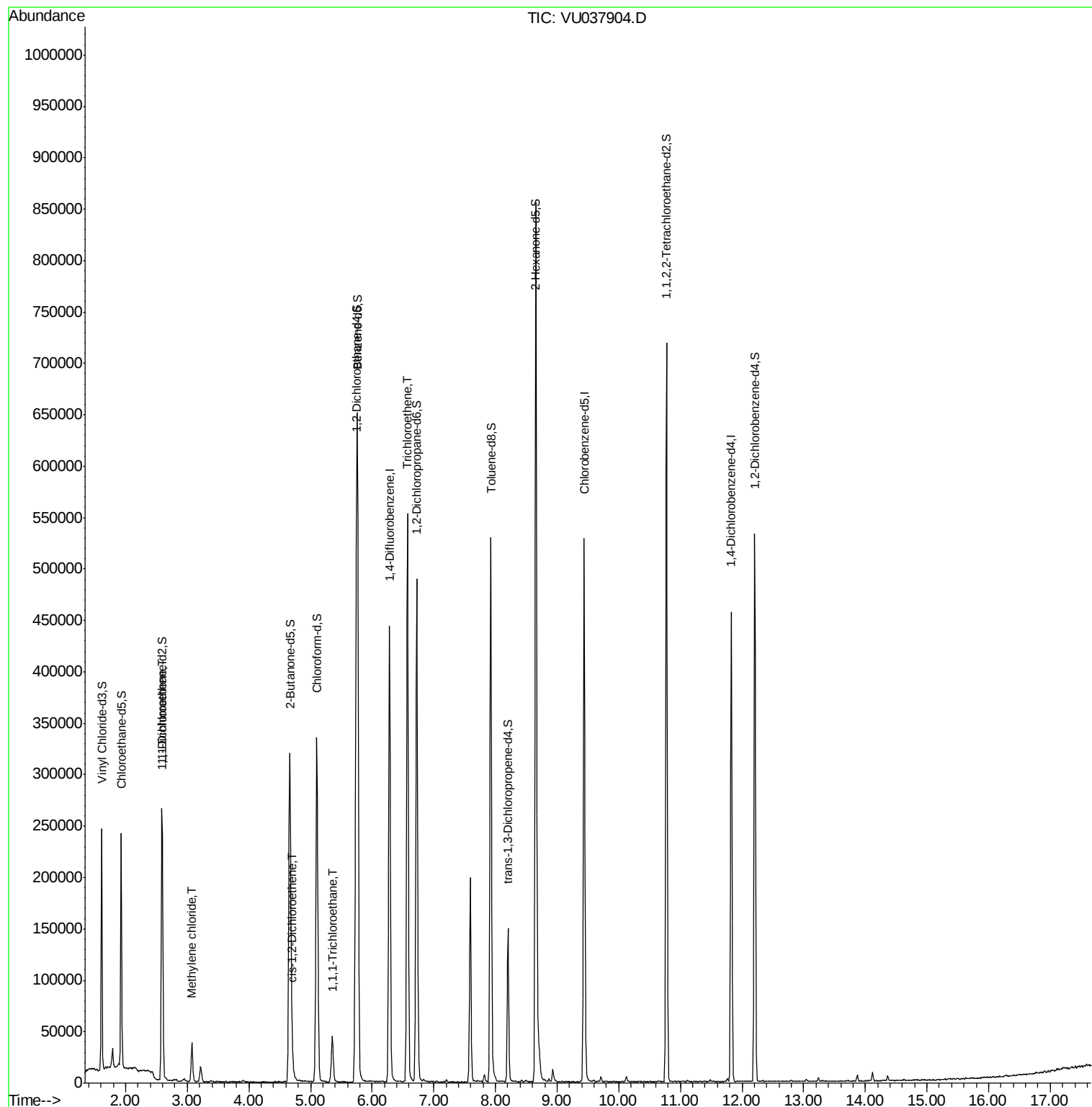
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	13792	6.366	ug/L	# 1
16) Methylene chloride	3.08	84	16394	6.369	ug/L	94
20) cis-1,2-Dichloroethene	4.71	96	7473	2.818	ug/L	82
30) 1,1,1-Trichloroethane	5.36	97	30813	9.400	ug/L	98
34) Trichloroethene	6.57	95	188560	86.288	ug/L	97

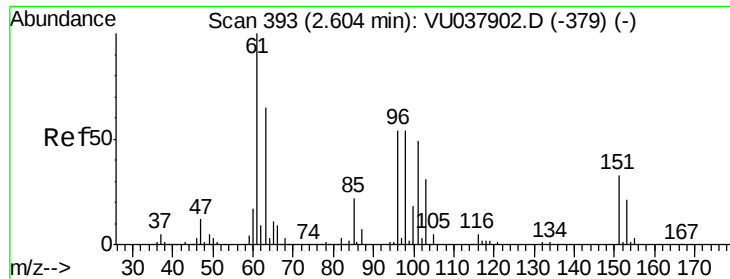
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 01:17:58 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.366 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037904.D

Acq: 29 Apr 2020 11:07

Instrument :

MSVOA_U

ClientSampleId :

C0D87DL

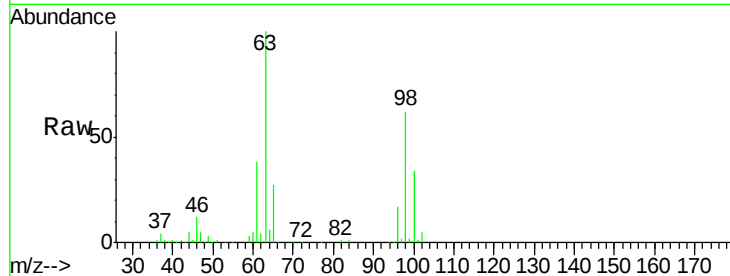
Tot Ion: 96 Resp: 13792

Ion Ratio Lower Upper

96 100

61 225.9 134.1 249.0

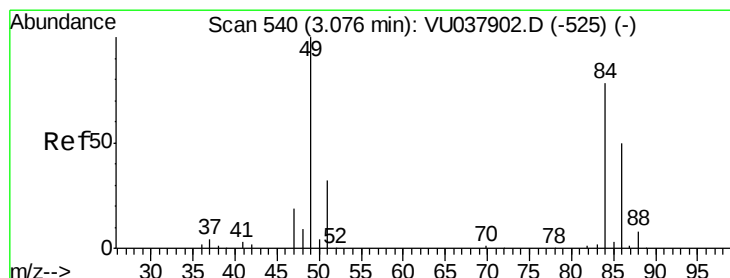
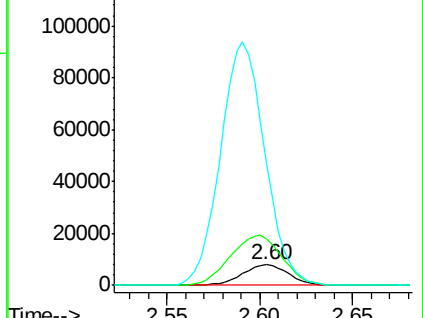
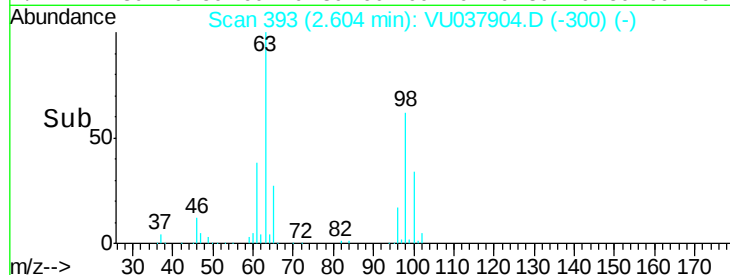
63 590.9 96.5 179.1#



Abundance Ion 96.00 (95.70 to 96.70): VU037904.D (-300) (-)

Ion 61.00 (60.70 to 61.70): VU037904.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU037904.D (-300) (-)



#16

Methylene chloride

Concen: 6.369 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU037904.D

Acq: 29 Apr 2020 11:07

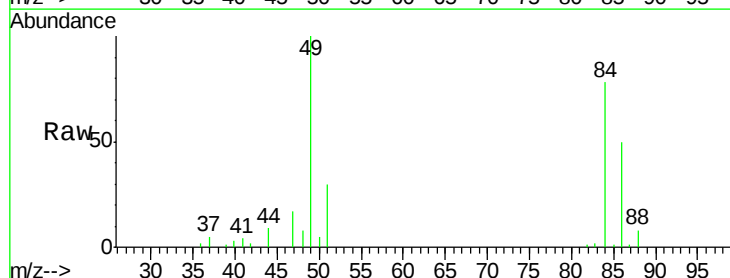
Tgt Ion: 84 Resp: 16394

Ion Ratio Lower Upper

84 100

86 64.2 43.5 80.7

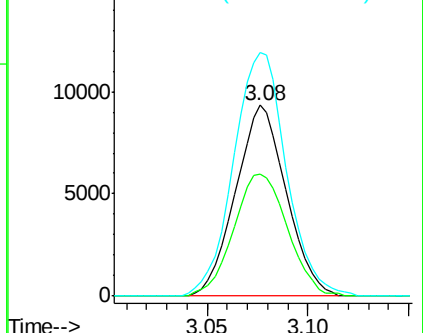
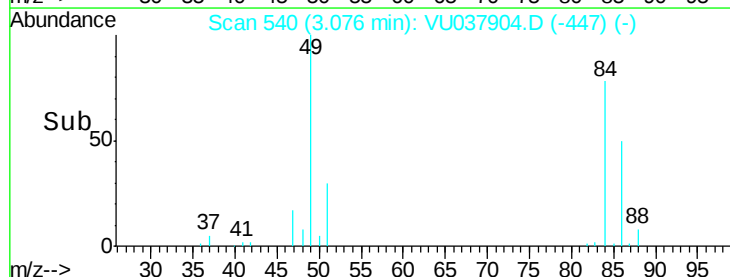
49 127.5 95.1 176.7

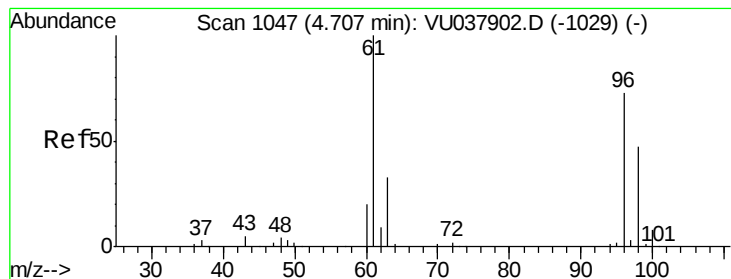


Abundance Ion 84.00 (83.70 to 84.70): VU037904.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU037904.D (-447) (-)

Ion 49.00 (48.70 to 49.70): VU037904.D (-447) (-)





#20

cis-1,2-Dichloroethene

Concen: 2.818 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037904.D

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Instrument :

MSVOA_U

ClientSampleId :

C0D87DL

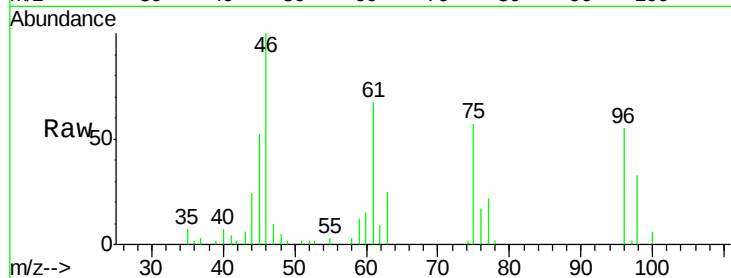
Tot Ion: 96 Resp: 7473

Ion Ratio Lower Upper

96 100

61 120.8 100.4 186.4

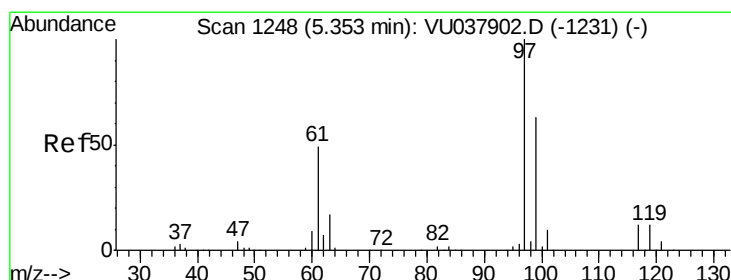
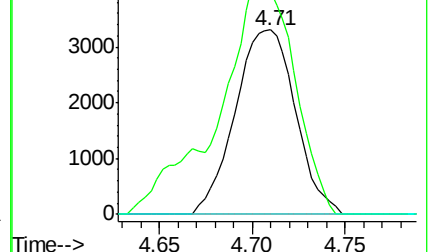
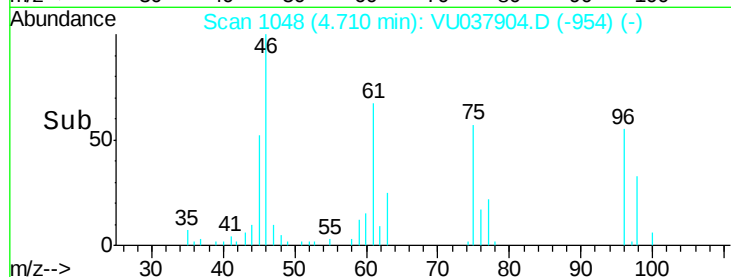
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037904.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU037904.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU037904.D (-954) (-)



#30

1,1,1-Trichloroethane

Concen: 9.400 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. 0.00 min

Lab File: VU037904.D

Acq: 29 Apr 2020 11:07

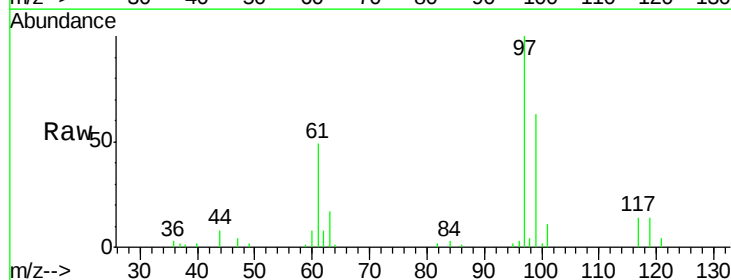
Tgt Ion: 97 Resp: 30813

Ion Ratio Lower Upper

97 100

99 64.9 50.7 76.1

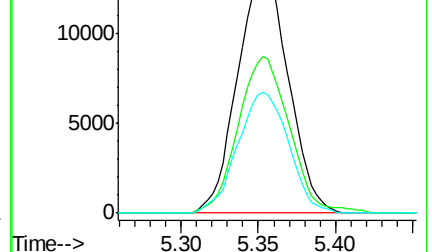
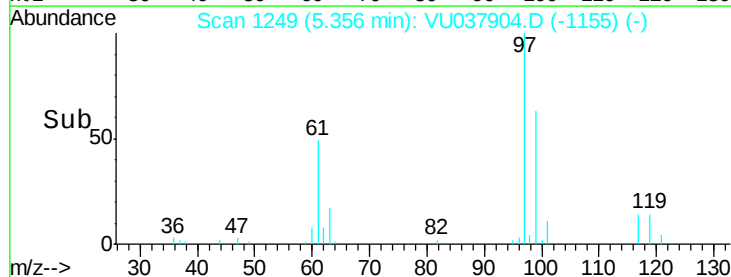
61 49.9 38.9 58.3

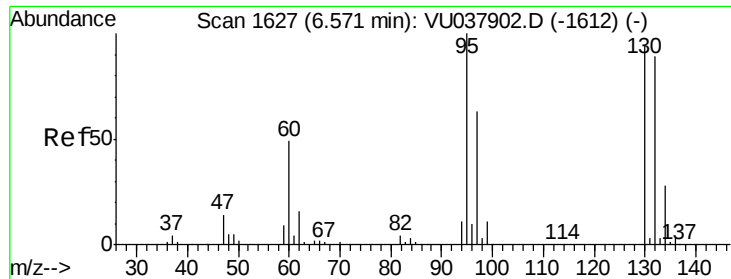


Abundance Ion 97.00 (96.70 to 97.70): VU037904.D (-1155) (-)

Ion 99.00 (98.70 to 99.70): VU037904.D (-1155) (-)

Ion 61.05 (60.75 to 61.75): VU037904.D (-1155) (-)





#34

Trichloroethene

Concen: 86.288 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037904.D

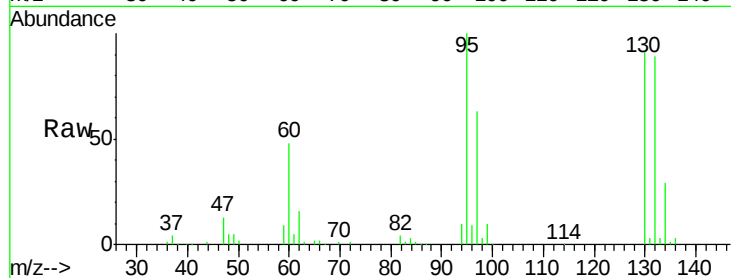
Acq: 29 Apr 2020 11:07

Instrument :

MSVOA_U

ClientSampleId :

C0D87DL



Tot Ion: 95 Resp: 188560

Ion Ratio Lower Upper

95 100

97 62.5 44.4 82.5

132 89.2 65.0 120.6

130 91.0 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

