

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037921.D
 Acq On : 29 Apr 2020 18:51
 Operator : JC/MD
 Sample : L2395-02DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D87DL

Quant Time: Apr 30 03:53:06 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	579311	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	556677	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	252994	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	205446	40.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.18%
7) Chloroethane-d5	1.93	69	191306	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.54%
11) 1,1-Dichloroethene-d2	2.59	63	283816	34.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.28%
21) 2-Butanone-d5	4.66	46	429124	107.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.00%
24) Chloroform-d	5.10	84	392881	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.92%
26) 1,2-Dichloroethane-d4	5.74	65	283054	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.04%
32) Benzene-d6	5.76	84	820574	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.26%
36) 1,2-Dichloropropane-d6	6.72	67	281317	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.86%
41) Toluene-d8	7.92	98	720759	49.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.62%
43) trans-1,3-Dichloropropene-	8.20	79	119073	43.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.88%
47) 2-Hexanone-d5	8.65	63	318901	111.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.26%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	401099	54.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.50%
64) 1,2-Dichlorobenzene-d4	12.20	152	262812	53.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.78%

Target Compounds

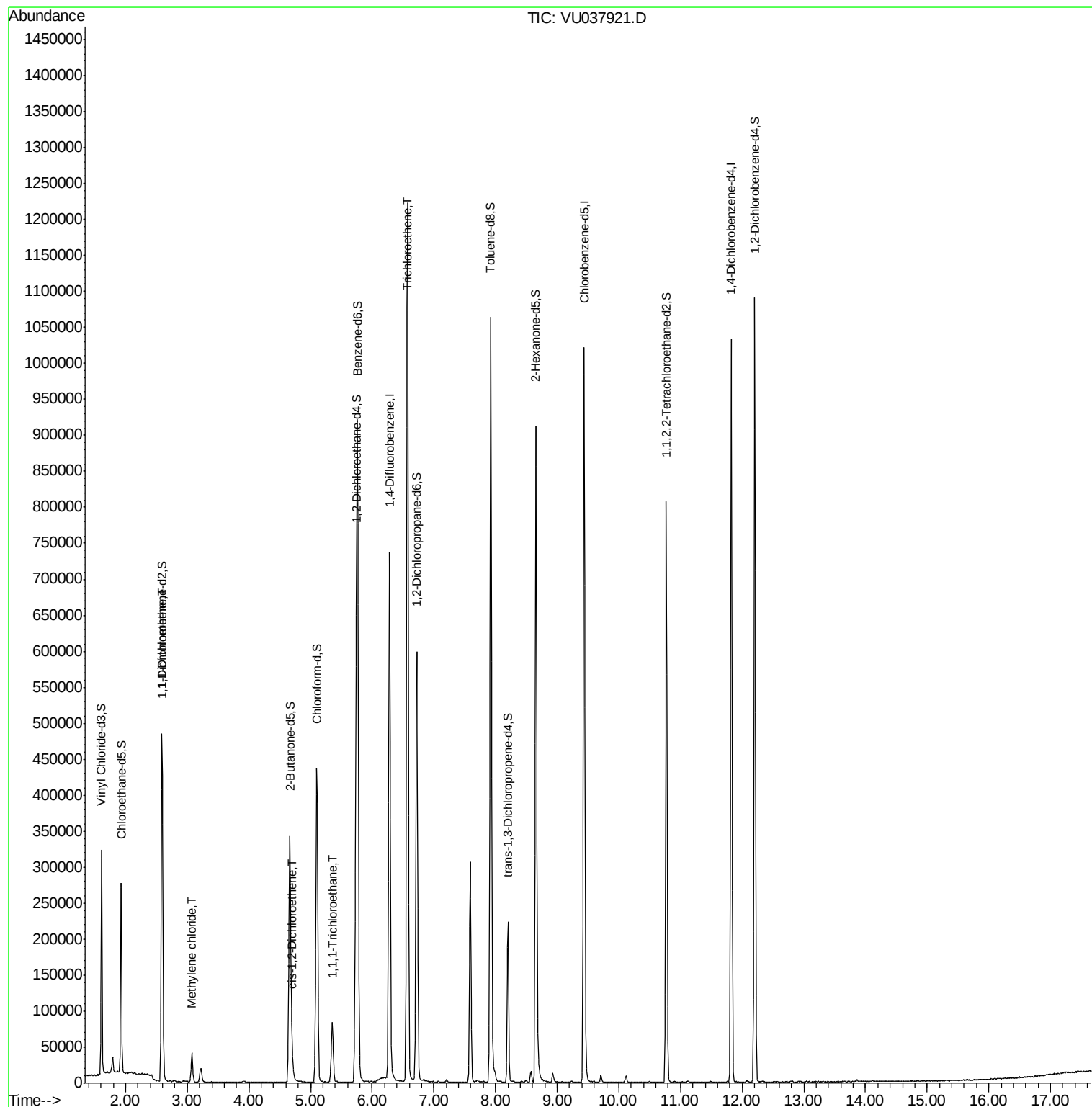
					Ovalue
12) 1,1-Dichloroethene	2.60	96	26657	7.579 ug/L	# 1
16) Methylene chloride	3.08	84	18207	4.357 ug/L	92
20) cis-1,2-Dichloroethene	4.71	96	9514	2.210 ug/L	93
30) 1,1,1-Trichloroethane	5.35	97	59603	9.587 ug/L	99
34) Trichloroethene	6.57	95	420454	101.449 ug/L	99

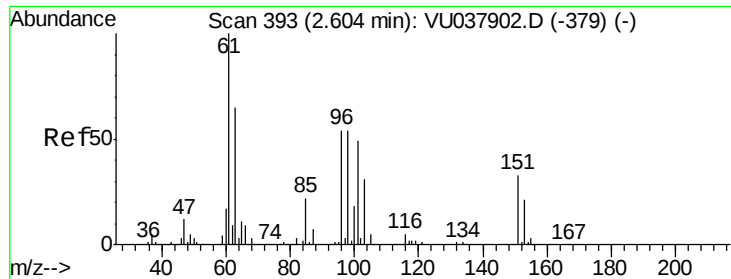
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 7.579 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037921.D

Acq: 29 Apr 2020 18:51

Instrument :

MSVOA_U

ClientSampleId :

C0D87DL

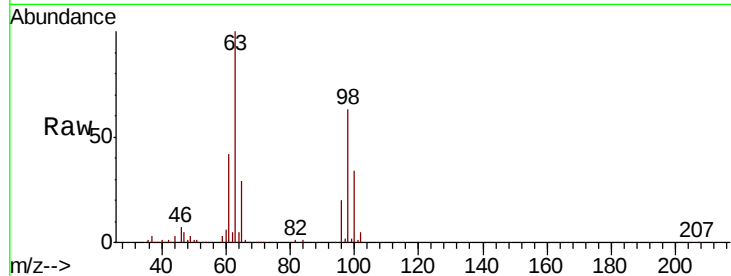
Tot Ion: 96 Resp: 26657

Ion Ratio Lower Upper

96 100

61 210.2 134.1 249.0

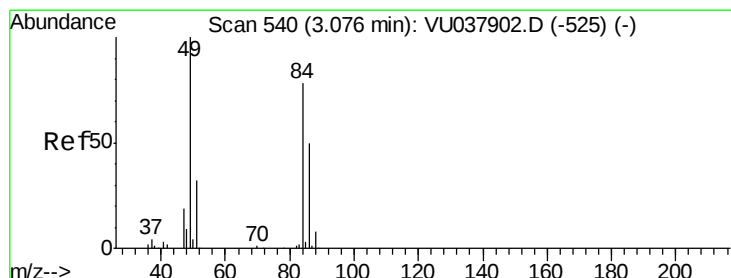
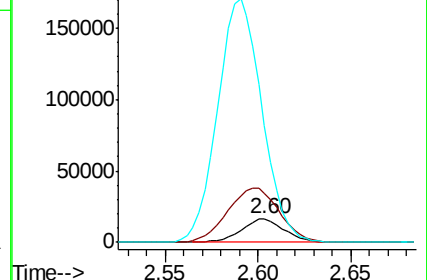
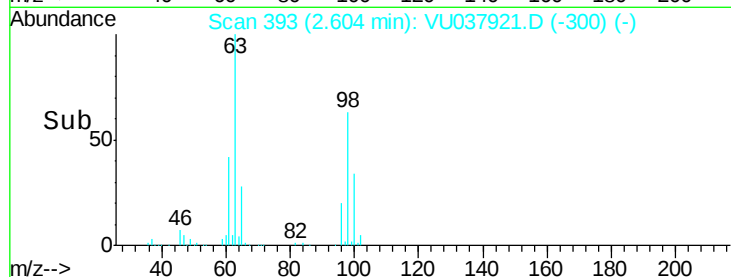
63 498.2 96.5 179.1#



Abundance Ion 96.00 (95.70 to 96.70): VU037921.D (-300) (-)

Ion 61.00 (60.70 to 61.70): VU037921.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU037921.D (-300) (-)



#16

Methylene chloride

Concen: 4.357 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU037921.D

Acq: 29 Apr 2020 18:51

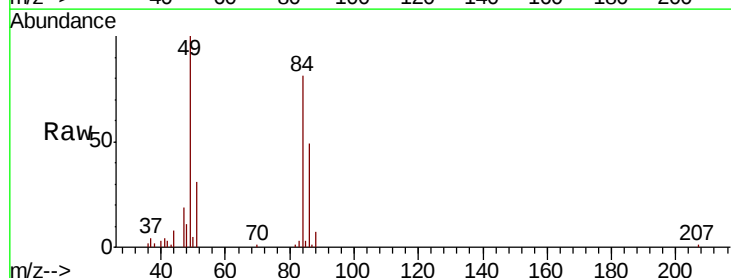
Tgt Ion: 84 Resp: 18207

Ion Ratio Lower Upper

84 100

86 60.0 43.5 80.7

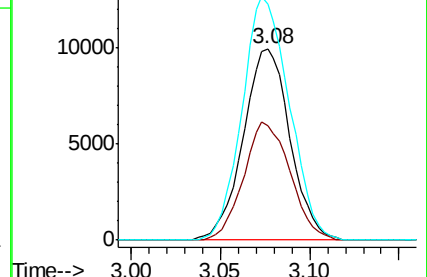
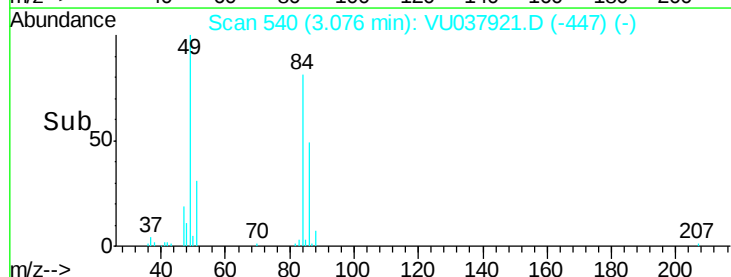
49 123.7 95.1 176.7

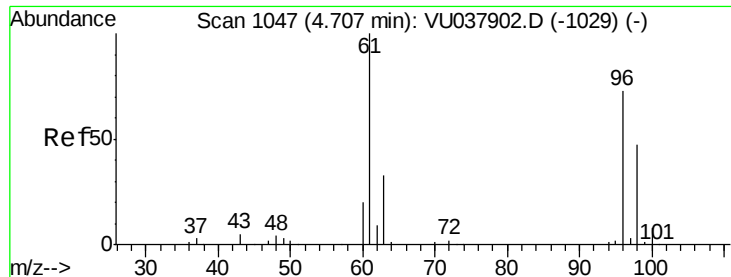


Abundance Ion 84.00 (83.70 to 84.70): VU037921.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU037921.D (-447) (-)

Ion 49.00 (48.70 to 49.70): VU037921.D (-447) (-)

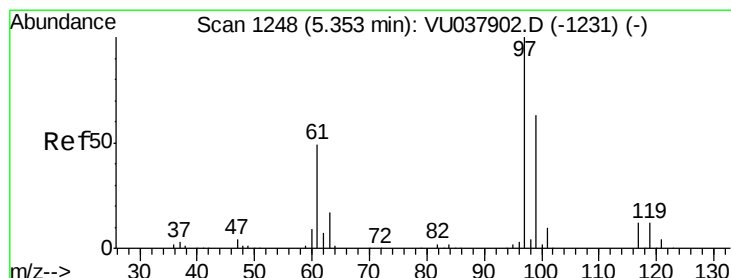
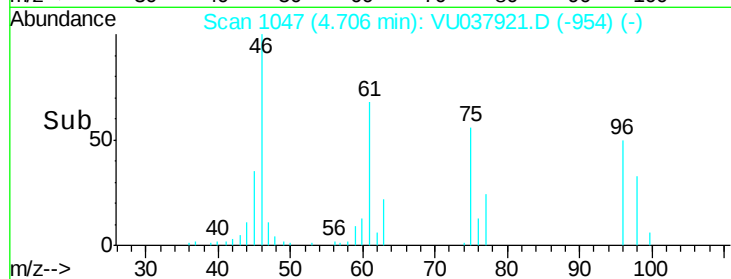
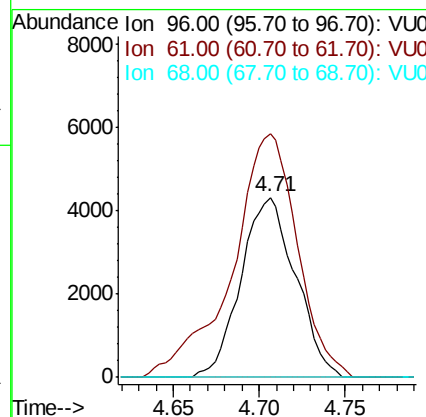
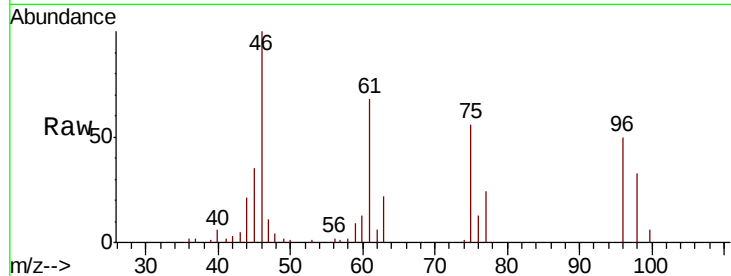




#20
 cis-1,2-Dichloroethene
 Concen: 2.210 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037921.D
 Acq: 29 Apr 2020 18:51

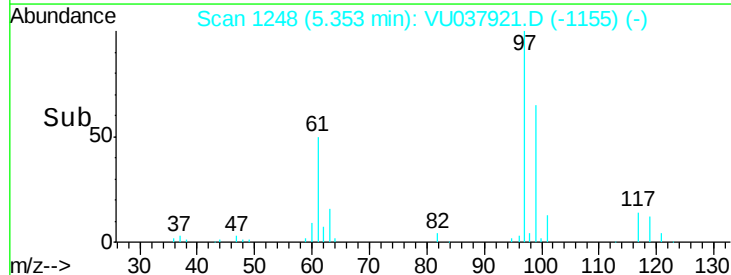
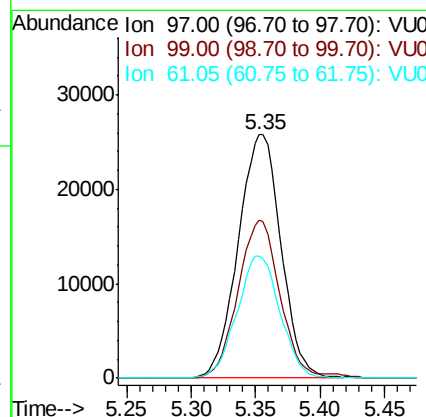
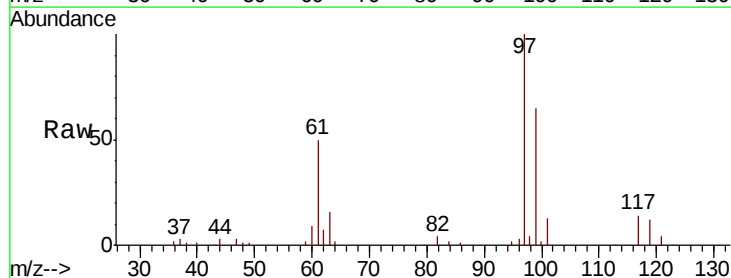
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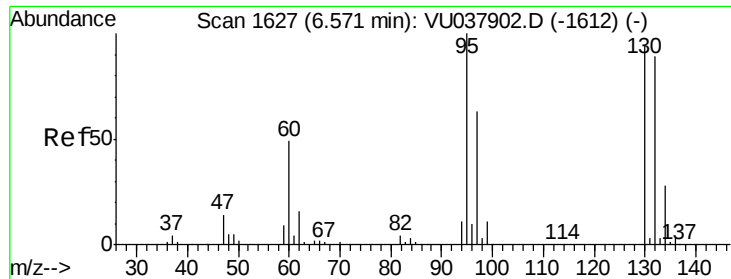
Tot Ion: 96 Resp: 9514
 Ion Ratio Lower Upper
 96 100
 61 135.3 100.4 186.4
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 9.587 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VU037921.D
 Acq: 29 Apr 2020 18:51

Tgt Ion: 97 Resp: 59603
 Ion Ratio Lower Upper
 97 100
 99 63.0 50.7 76.1
 61 50.2 38.9 58.3





#34

Trichloroethene

Concen: 101.449 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037921.D

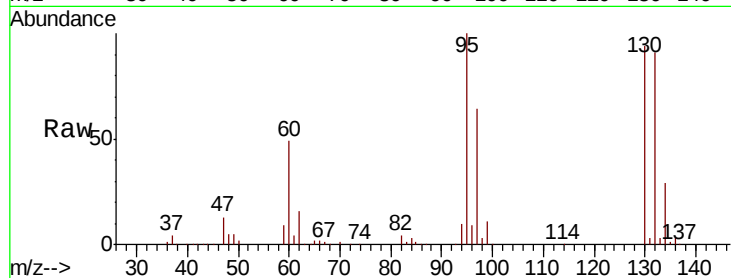
Acq: 29 Apr 2020 18:51

Instrument :

MSVOA_U

ClientSampleId :

C0D87DL



Tot Ion: 95 Resp: 420454

Ion Ratio Lower Upper

95 100

97 63.6 44.4 82.5

132 91.5 65.0 120.6

130 94.2 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

