

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039227.D
 Acq On : 30 Jun 2020 07:51
 Operator : SY/MD
 Sample : L3116-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q53

Quant Time: Jun 30 11:11:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 06:54:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	217144	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	220042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	91940	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67815	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.93	69	55961	3.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.00%
11) 1,1-Dichloroethene-d2	2.59	63	103893	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.67	46	197781	32.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.98%
24) Chloroform-d	5.10	84	128024	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.20%
26) 1,2-Dichloroethane-d4	5.74	65	78802	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
32) Benzene-d6	5.76	84	242996	3.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.80%
36) 1,2-Dichloropropane-d6	6.72	67	78274	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.60%
41) Toluene-d8	7.92	98	195708	3.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.00%#
43) trans-1,3-Dichloropropene-	8.20	79	30082	2.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.00%
46) 2-Hexanone-d5	8.65	63	128499	27.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	55.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	61569	3.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	61.00%#
64) 1,2-Dichlorobenzene-d4	12.20	152	73900	3.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.40%#

Target Compounds

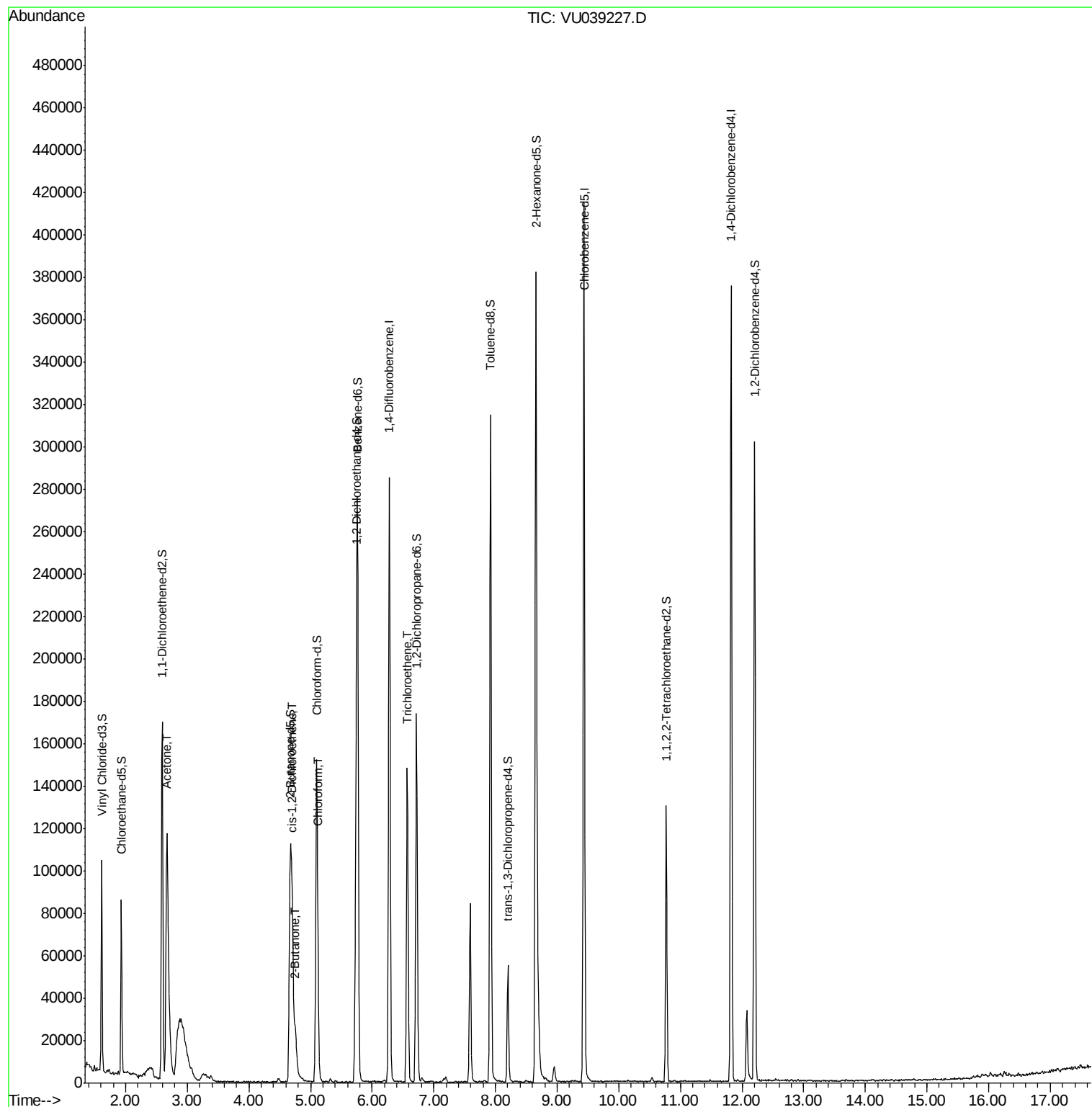
					Ovalue
13) Acetone	2.67	43	227786	61.037	ug/L 99
21) 2-Butanone	4.75	43	34713	5.857	ug/L 97
22) cis-1,2-Dichloroethene	4.71	96	23902	1.399	ug/L 91
25) Chloroform	5.12	83	6562	0.203	ug/L 97
34) Trichloroethene	6.57	95	49198	2.714	ug/L 96

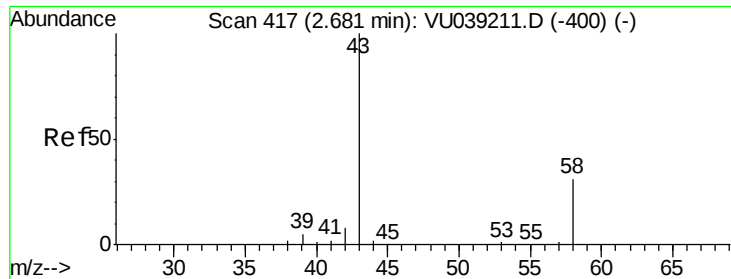
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 61.037 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU039227.D

Acq: 30 Jun 2020 07:51

Instrument :

MSVOA_U

ClientSampled :

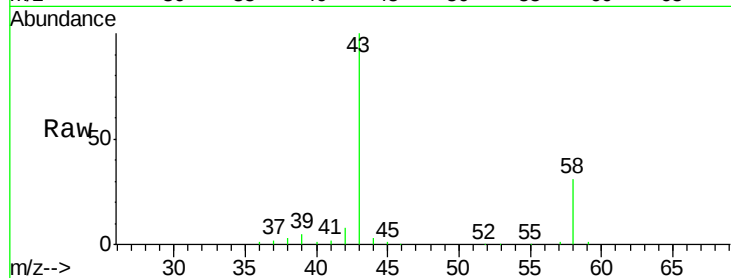
F9Q53

Tot Ion: 43 Resp: 227786

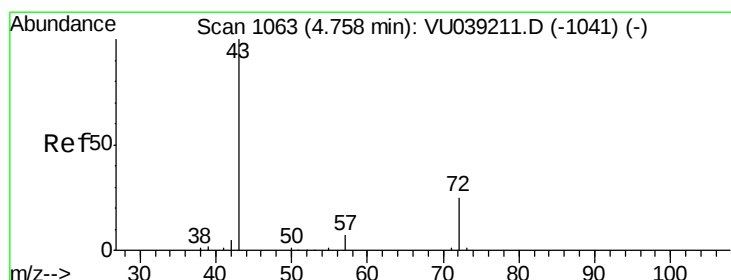
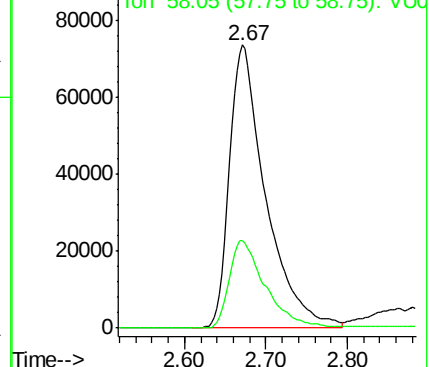
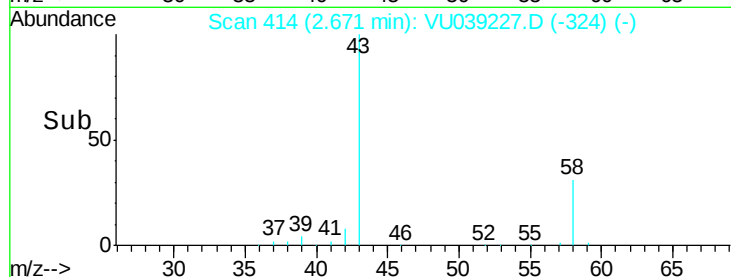
Ion Ratio Lower Upper

43 100

58 31.2 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039227.D (-324) (-)



#21

2-Butanone

Concen: 5.857 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.01 min

Lab File: VU039227.D

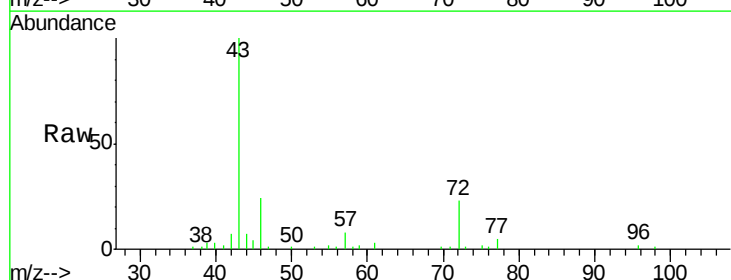
Acq: 30 Jun 2020 07:51

Tgt Ion: 43 Resp: 34713

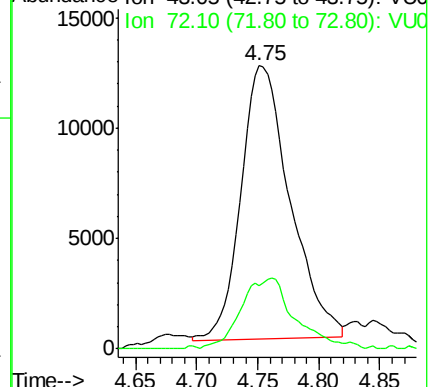
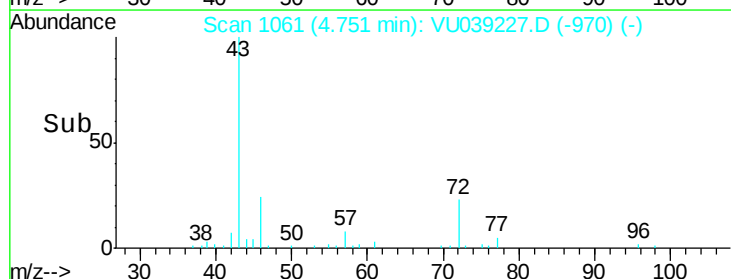
Ion Ratio Lower Upper

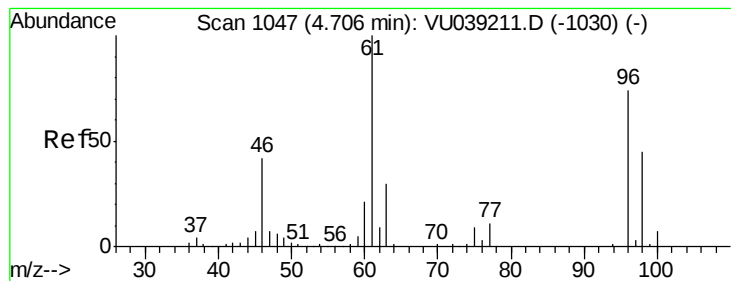
43 100

72 28.0 13.2 39.6



Abundance Ion 43.05 (42.75 to 43.75): VU039227.D (-970) (-)





#22

cis-1,2-Dichloroethene

Concen: 1.399 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU039227.D

Acq: 30 Jun 2020 07:51

Instrument :

MSVOA_U

ClientSampleId :

F9Q53

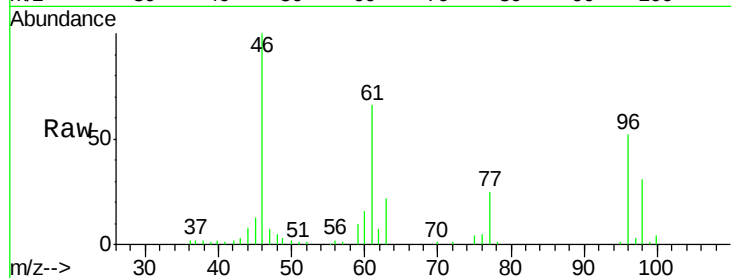
Tot Ion: 96 Resp: 23902

Ion Ratio Lower Upper

96 100

61 127.1 96.3 178.9

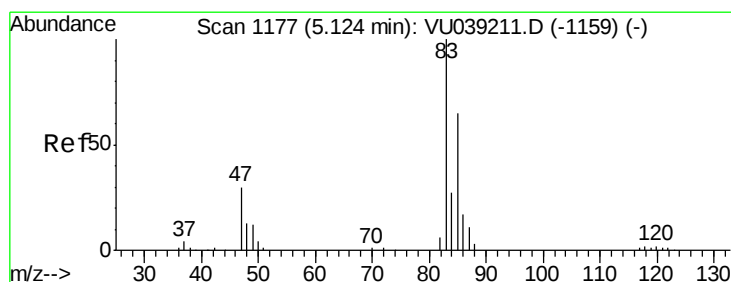
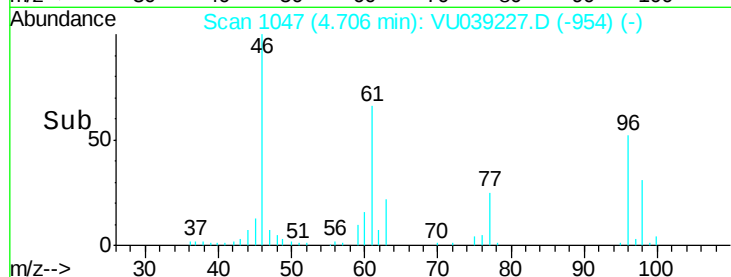
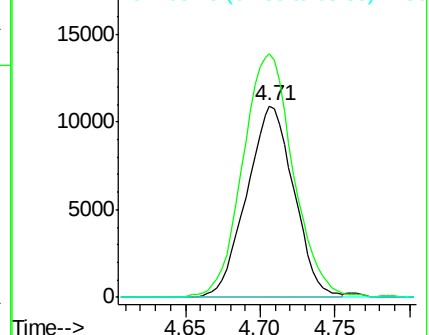
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039227.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU039227.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU039227.D (-954) (-)



#25

Chloroform

Concen: 0.203 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU039227.D

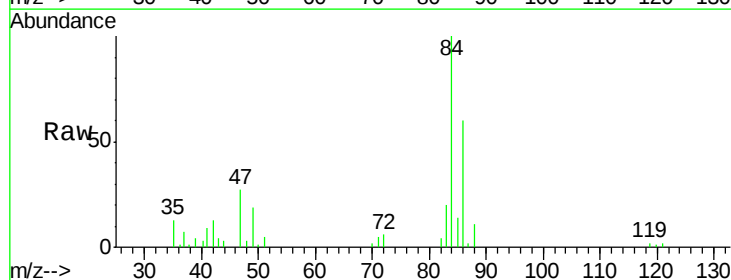
Acq: 30 Jun 2020 07:51

Tgt Ion: 83 Resp: 6562

Ion Ratio Lower Upper

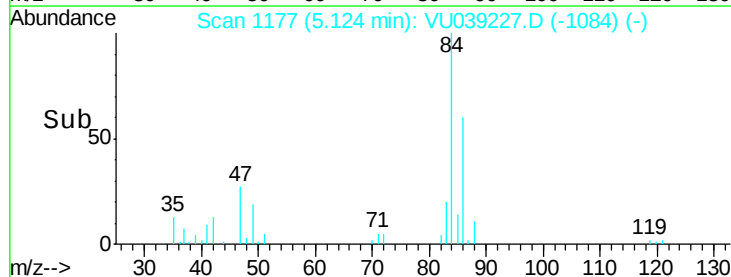
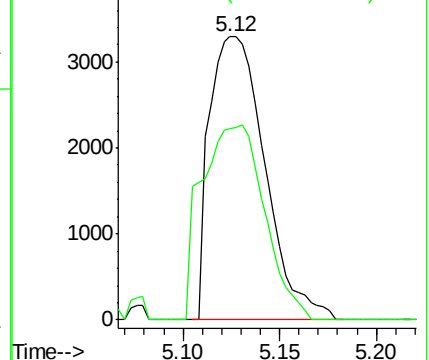
83 100

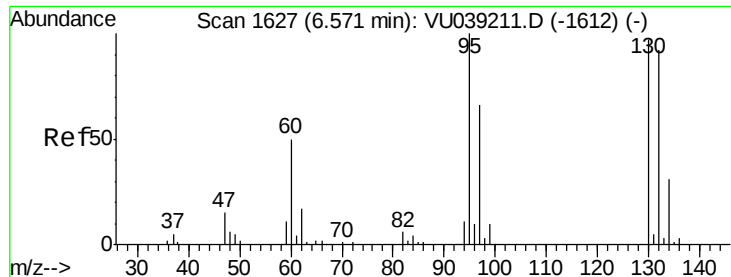
85 67.6 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VU039227.D (-1084) (-)

Ion 85.00 (84.70 to 85.70): VU039227.D (-1084) (-)





#34

Trichloroethene

Concen: 2.714 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU039227.D

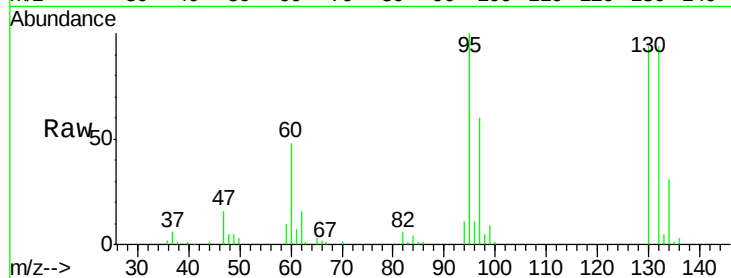
Acq: 30 Jun 2020 07:51

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 95 Resp: 49198

Ion Ratio Lower Upper

95 100

97 59.5 44.0 81.8

132 93.9 61.2 113.8

130 94.1 66.4 123.4

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

