

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017406.D
 Acq On : 09 Jul 2020 18:22
 Operator : SY/MD
 Sample : L3253-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A00

Quant Time: Jul 10 04:49:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 04:00:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	265214	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	253160	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58206	42.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.32%
7) Chloroethane-d5	1.58	69	43747	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.12	63	99503	31.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.66%
21) 2-Butanone-d5	3.91	46	88705	94.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.06%
24) Chloroform-d	4.38	84	141327	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.50%
26) 1,2-Dichloroethane-d4	5.06	65	106031	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
32) Benzene-d6	5.08	84	249852	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
36) 1,2-Dichloropropane-d6	6.09	67	74916	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.14%
41) Toluene-d8	7.34	98	233485	44.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.82%
43) trans-1,3-Dichloropropene-	7.64	79	41297	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.10%
47) 2-Hexanone-d5	8.11	63	61268	94.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99358	44.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	103094	50.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.84%

Target Compounds

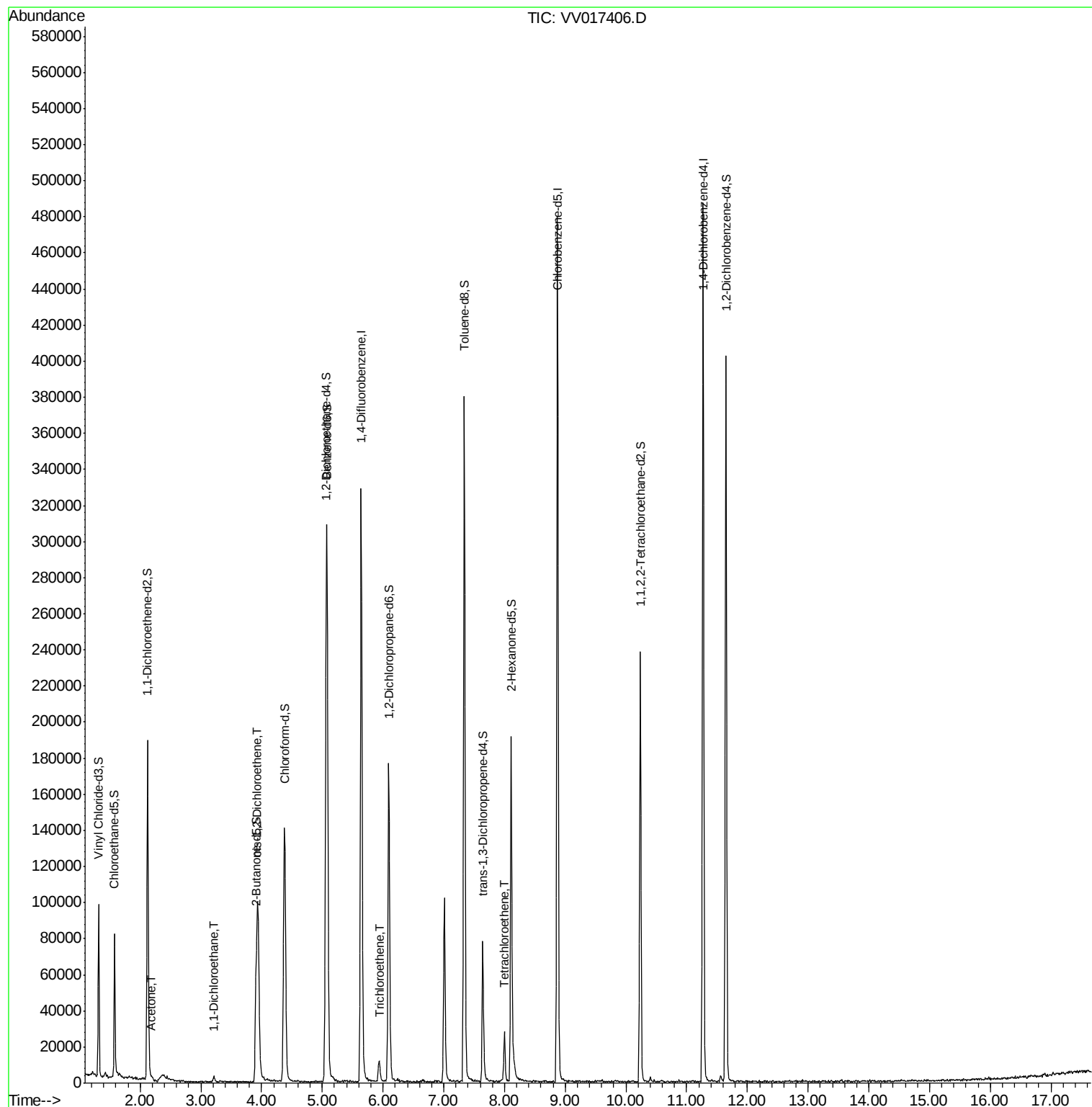
					Ovalue
13) Acetone	2.19	43	2668	2.078 ug/L	91
19) 1,1-Dichloroethane	3.22	63	2507	0.787 ug/L	91
20) cis-1,2-Dichloroethene	3.94	96	46747	25.186 ug/L	98
34) Trichloroethene	5.95	95	1469	0.739 ug/L #	91
46) Tetrachloroethene	8.00	164	6008	3.601 ug/L	94

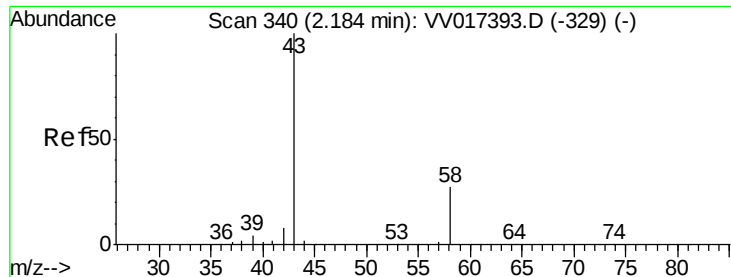
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.078 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017406.D

Acq: 09 Jul 2020 18:22

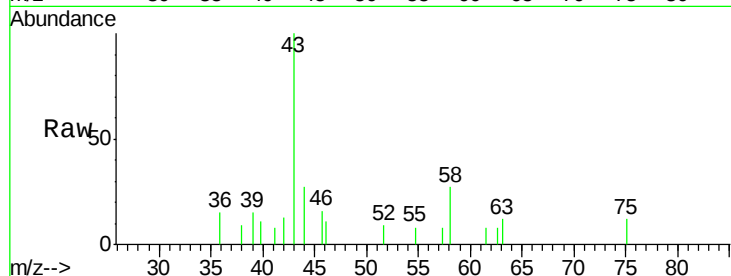
Instrument :
MSVOA_V
ClientSampled :
F4A00

Tot Ion: 43 Resp: 2668

Ion Ratio Lower Upper

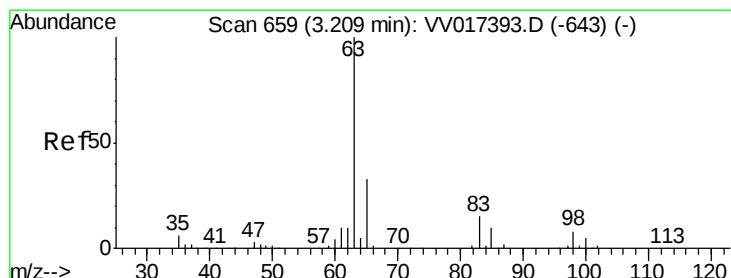
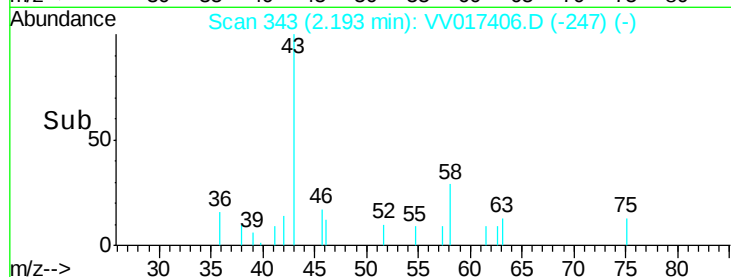
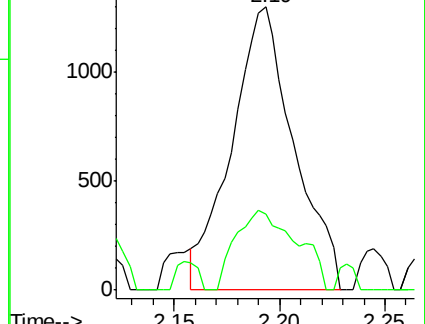
43 100

58 23.5 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV017393.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017393.D (-329) (-)



#19

1,1-Dichloroethane

Concen: 0.787 ug/L

RT: 3.22 min Scan# 662

Delta R.T. 0.01 min

Lab File: VV017406.D

Acq: 09 Jul 2020 18:22

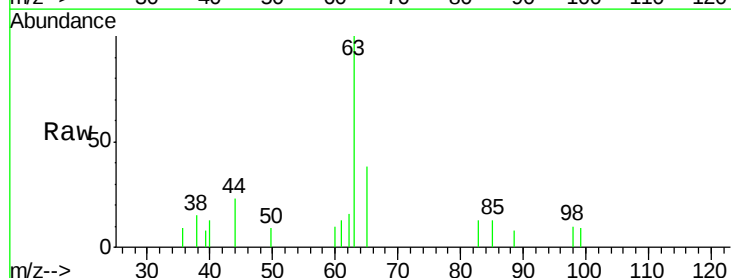
Tgt Ion: 63 Resp: 2507

Ion Ratio Lower Upper

63 100

65 38.4 22.1 41.1

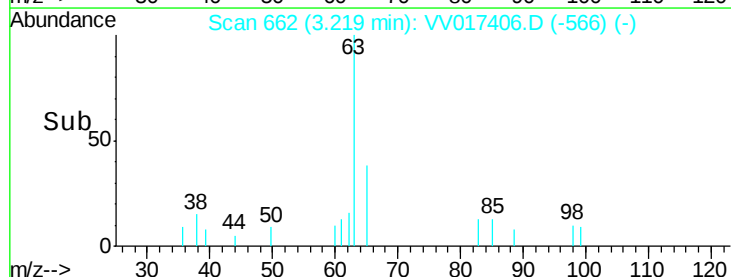
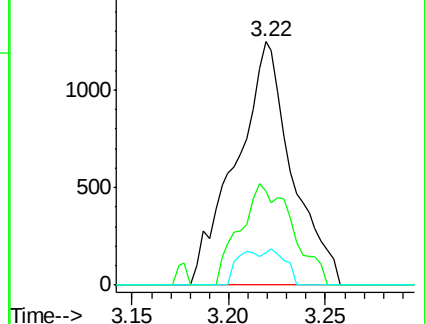
83 13.5 10.1 18.9

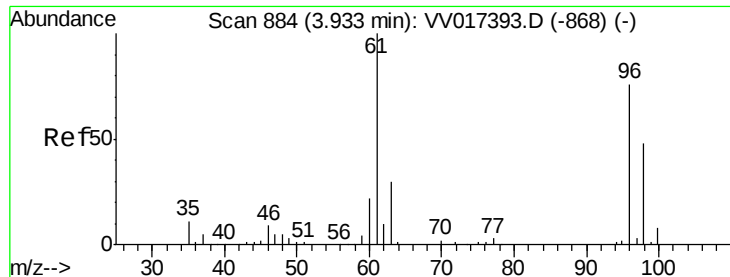


Abundance Ion 63.00 (62.70 to 63.70): VV017393.D (-643) (-)

Ion 65.00 (64.70 to 65.70): VV017393.D (-643) (-)

Ion 83.00 (82.70 to 83.70): VV017393.D (-643) (-)



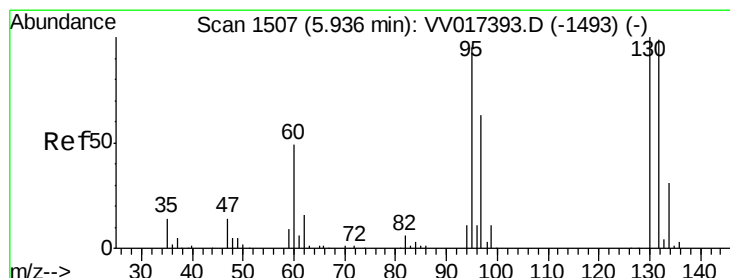
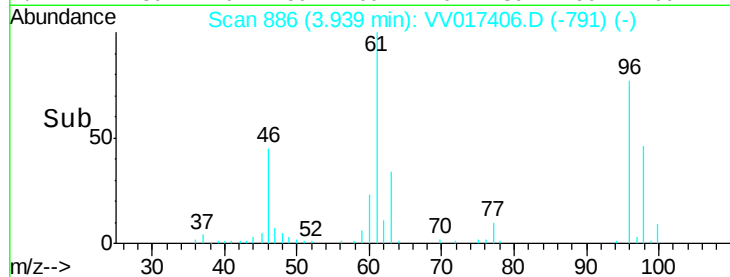
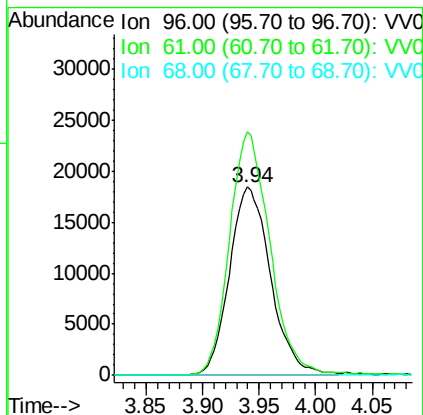
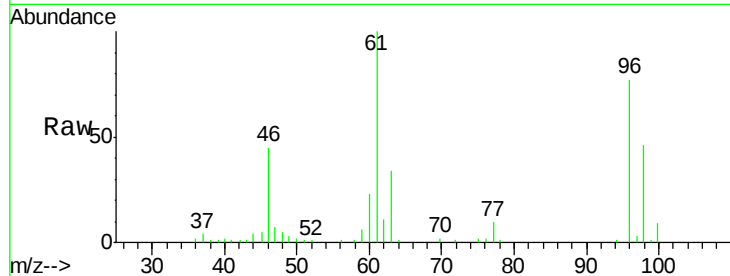


#20

cis-1,2-Dichloroethene
 Concen: 25.186 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV017406.D
 Acq: 09 Jul 2020 18:22

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A00

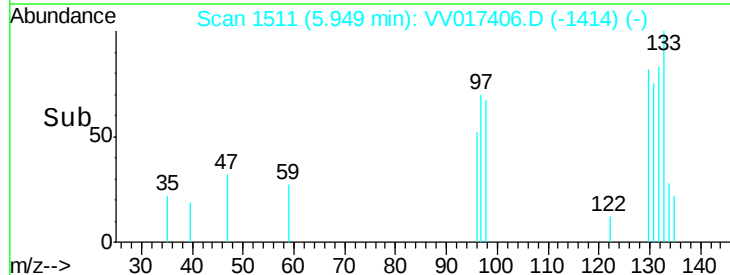
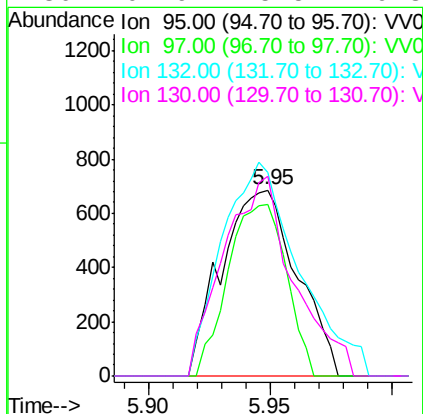
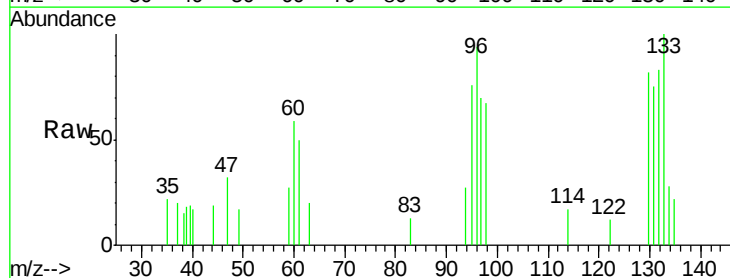
Tot Ion: 96 Resp: 46747
 Ion Ratio Lower Upper
 96 100
 61 129.5 88.9 165.1
 68 0.0 0.0 0.0

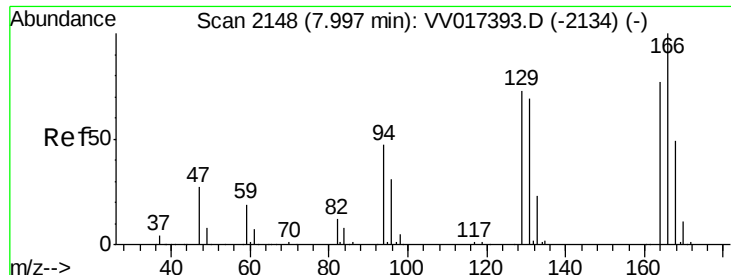


#34

Trichloroethene
 Concen: 0.739 ug/L
 RT: 5.95 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VV017406.D
 Acq: 09 Jul 2020 18:22

Tgt Ion: 95 Resp: 1469
 Ion Ratio Lower Upper
 95 100
 97 92.3 45.6 84.6#
 132 109.6 74.1 137.5
 130 107.9 75.5 140.3





#46

Tetrachloroethene

Concen: 3.601 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017406.D

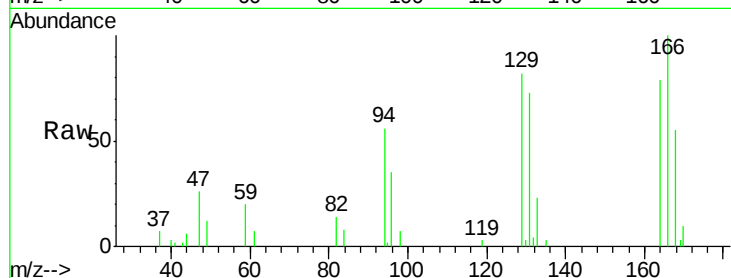
Acq: 09 Jul 2020 18:22

Instrument :

MSVOA_V

ClientSampleId :

F4A00



Tot Ion:164 Resp: 6008

Ion Ratio Lower Upper

164 100

129 104.7 66.6 123.8

131 92.3 65.5 121.7

166 126.9 93.9 174.5

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

