

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017920.D
 Acq On : 12 Aug 2020 12:06
 Operator : SY/MD
 Sample : L3644-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L61

Quant Time: Aug 13 04:47:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	268638	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	262402	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	118068	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95937	46.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.62%
7) Chloroethane-d5	1.58	69	78215	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.28%
11) 1,1-Dichloroethene-d2	2.12	63	138812	35.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.82%
21) 2-Butanone-d5	3.91	46	134409	100.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.12%
24) Chloroform-d	4.37	84	171242	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.05	65	118769	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
32) Benzene-d6	5.07	84	346611	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.86%
36) 1,2-Dichloropropane-d6	6.09	67	113491	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.00%
41) Toluene-d8	7.34	98	303687	46.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.64	79	49964	46.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.18%
47) 2-Hexanone-d5	8.11	63	72876	96.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143308	46.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	119999	51.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.28%

Target Compounds

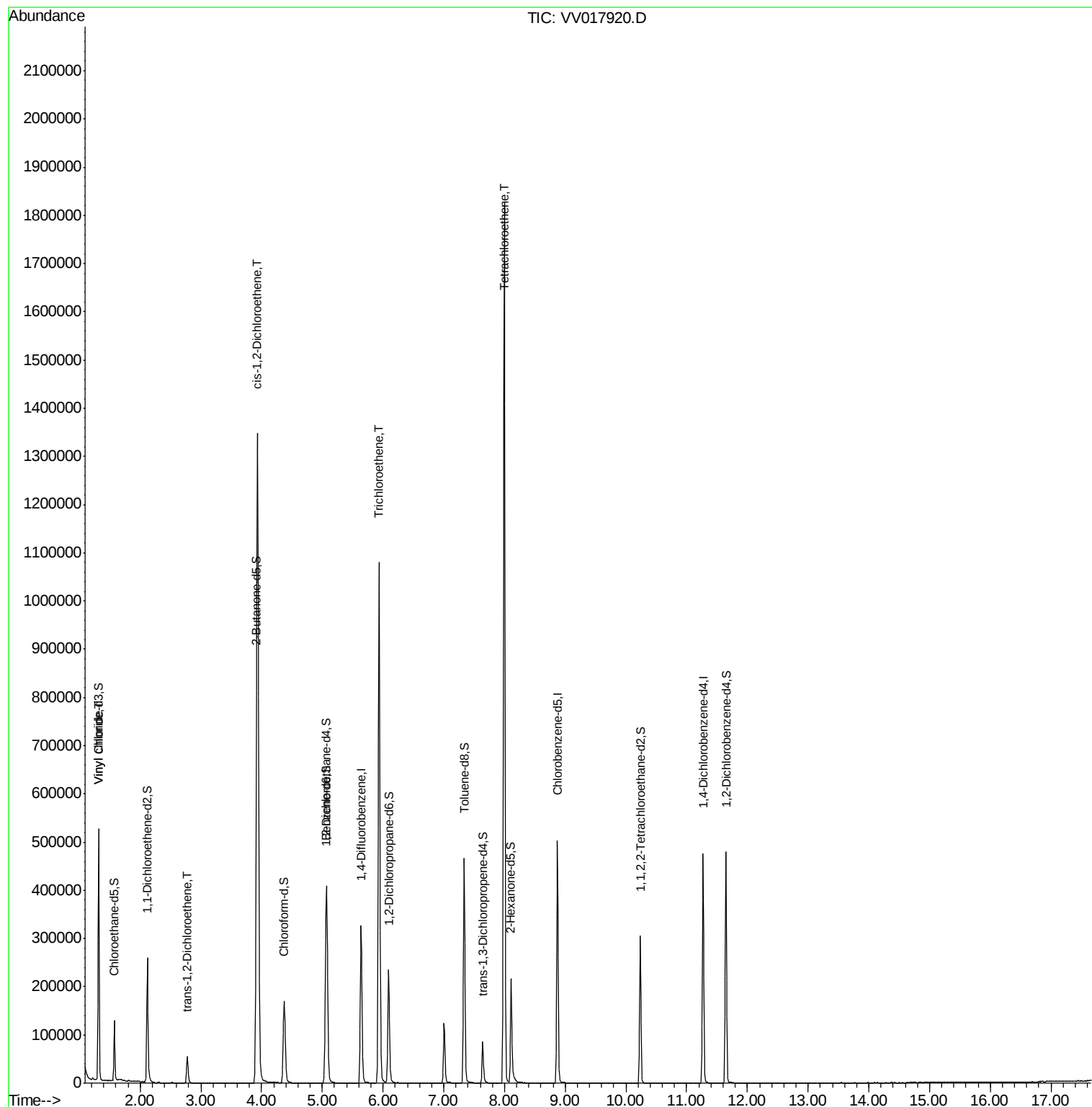
					Ovalue
5) Vinyl chloride	1.32	62	242044	101.400	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	20376	11.000	ug/L 98
20) cis-1,2-Dichloroethene	3.93	96	719026	353.229	ug/L 98
34) Trichloroethene	5.94	95	379398	176.801	ug/L 99
46) Tetrachloroethene	8.00	164	402190	255.555	ug/L 99

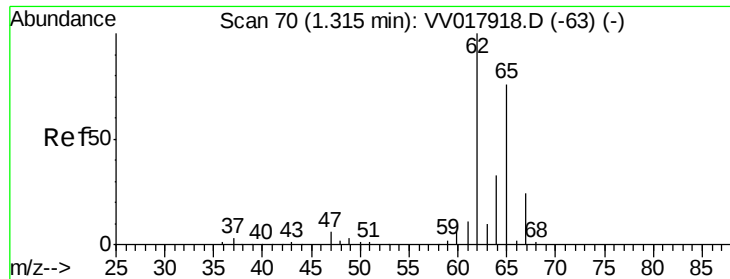
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 13 04:34:59 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 101.400 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017920.D

Acq: 12 Aug 2020 12:06

Instrument :

MSVOA_V

ClientSampled :

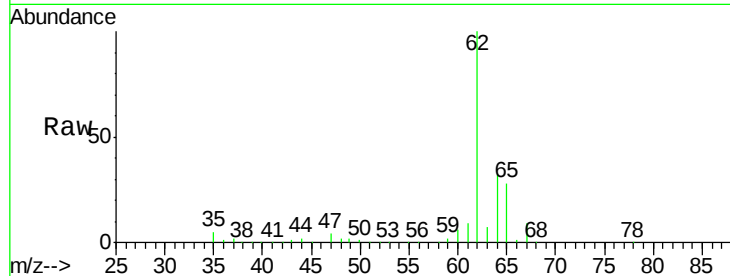
F2L61

Tot Ion: 62 Resp: 242044

Ion Ratio Lower Upper

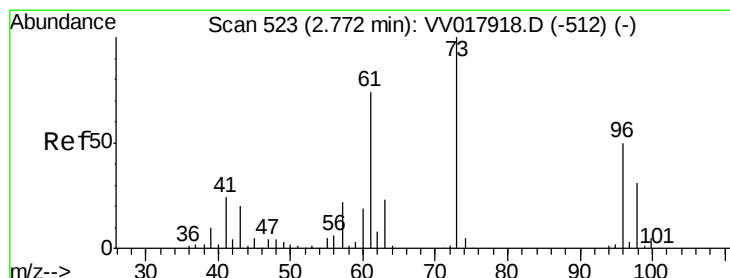
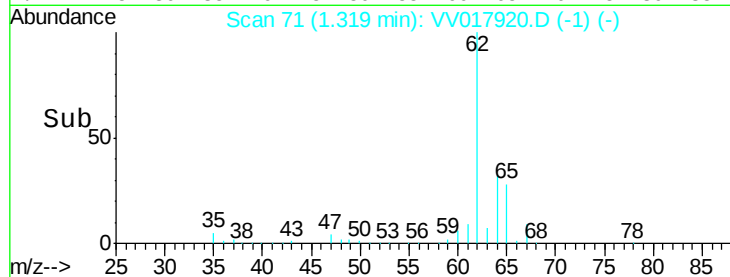
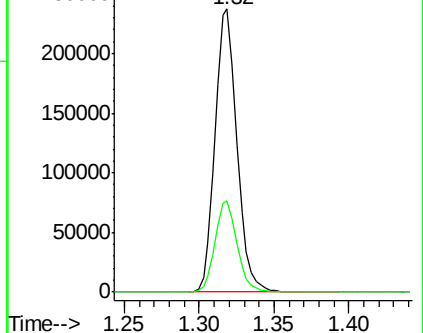
62 100

64 32.4 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 11.000 ug/L

RT: 2.78 min Scan# 524

Delta R.T. 0.00 min

Lab File: VV017920.D

Acq: 12 Aug 2020 12:06

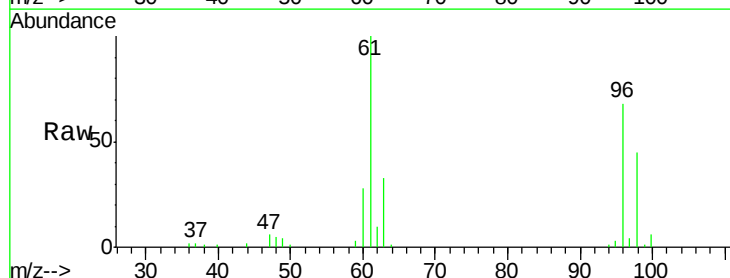
Tgt Ion: 96 Resp: 20376

Ion Ratio Lower Upper

96 100

61 148.0 102.4 190.2

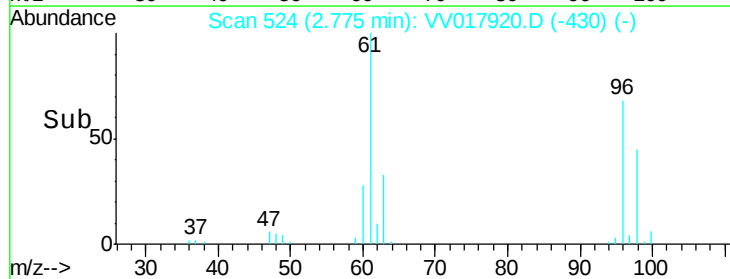
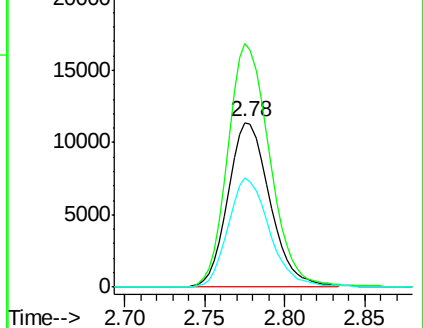
98 66.0 44.4 82.5

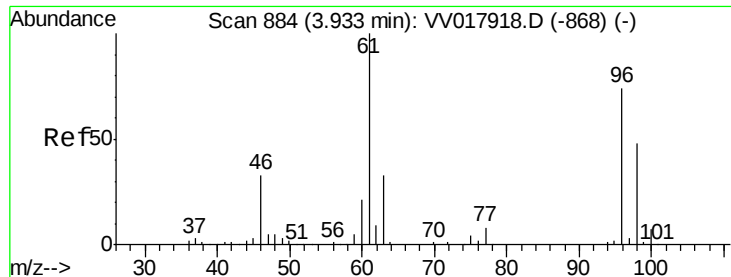


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

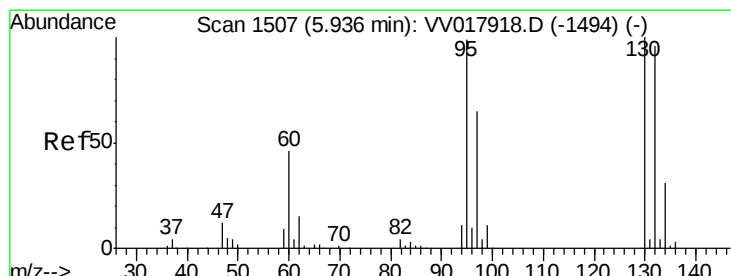
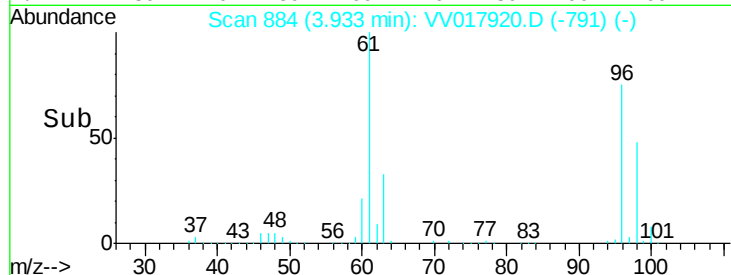
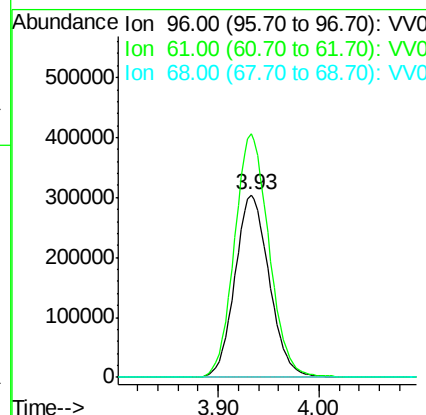
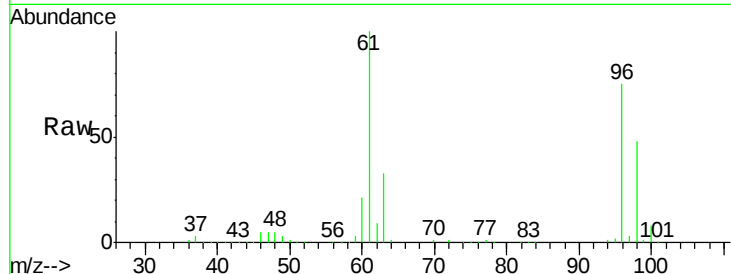




#20
 cis-1,2-Dichloroethene
 Concen: 353.229 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: VV017920.D
 Acq: 12 Aug 2020 12:06

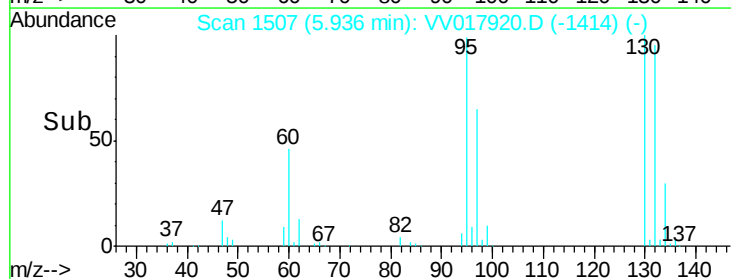
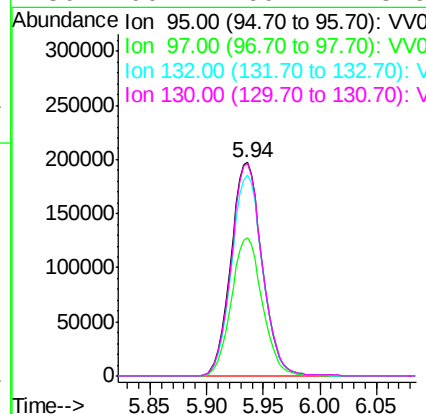
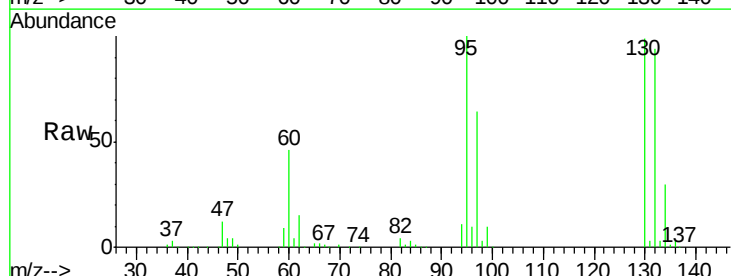
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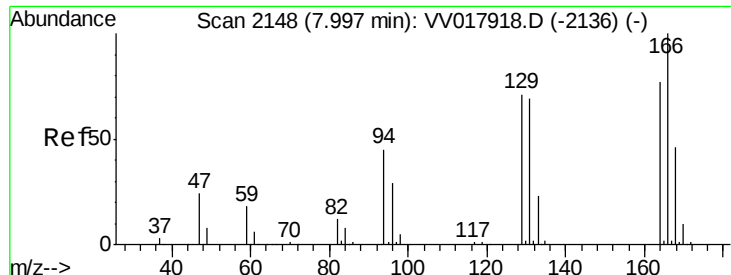
Tot Ion: 96 Resp: 719026
 Ion Ratio Lower Upper
 96 100
 61 133.5 95.0 176.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 176.801 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV017920.D
 Acq: 12 Aug 2020 12:06

Tgt Ion: 95 Resp: 379398
 Ion Ratio Lower Upper
 95 100
 97 64.5 46.0 85.4
 132 93.9 65.8 122.2
 130 99.4 69.2 128.6





#46

Tetrachloroethene

Concen: 255.555 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017920.D

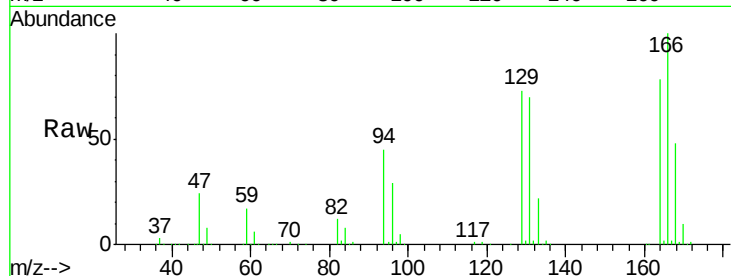
Acq: 12 Aug 2020 12:06

Instrument :

MSVOA_V

ClientSampleId :

F2L61



Tot Ion:164 Resp: 402190

Ion Ratio Lower Upper

164 100

129 93.5 64.8 120.3

131 90.5 64.5 119.9

166 128.5 88.9 165.1

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

