

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017980.D
 Acq On : 13 Aug 2020 19:25
 Operator : SY/MD
 Sample : L3665-12 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M06

Quant Time: Aug 14 05:41:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 04:14:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	258007	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	255615	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124840	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	77126	39.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.36%
7) Chloroethane-d5	1.57	69	64141	39.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.66%
11) 1,1-Dichloroethene-d2	2.12	63	123960	32.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.84%
21) 2-Butanone-d5	3.91	46	124361	96.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.45%
24) Chloroform-d	4.38	84	156830	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
26) 1,2-Dichloroethane-d4	5.06	65	111463	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
32) Benzene-d6	5.07	84	323531	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.86%
36) 1,2-Dichloropropane-d6	6.09	67	106639	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.60%
41) Toluene-d8	7.34	98	290027	45.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.56%
43) trans-1,3-Dichloropropene-	7.64	79	46489	44.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.00%
47) 2-Hexanone-d5	8.11	63	63514	85.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135443	45.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	123895	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%

Target Compounds

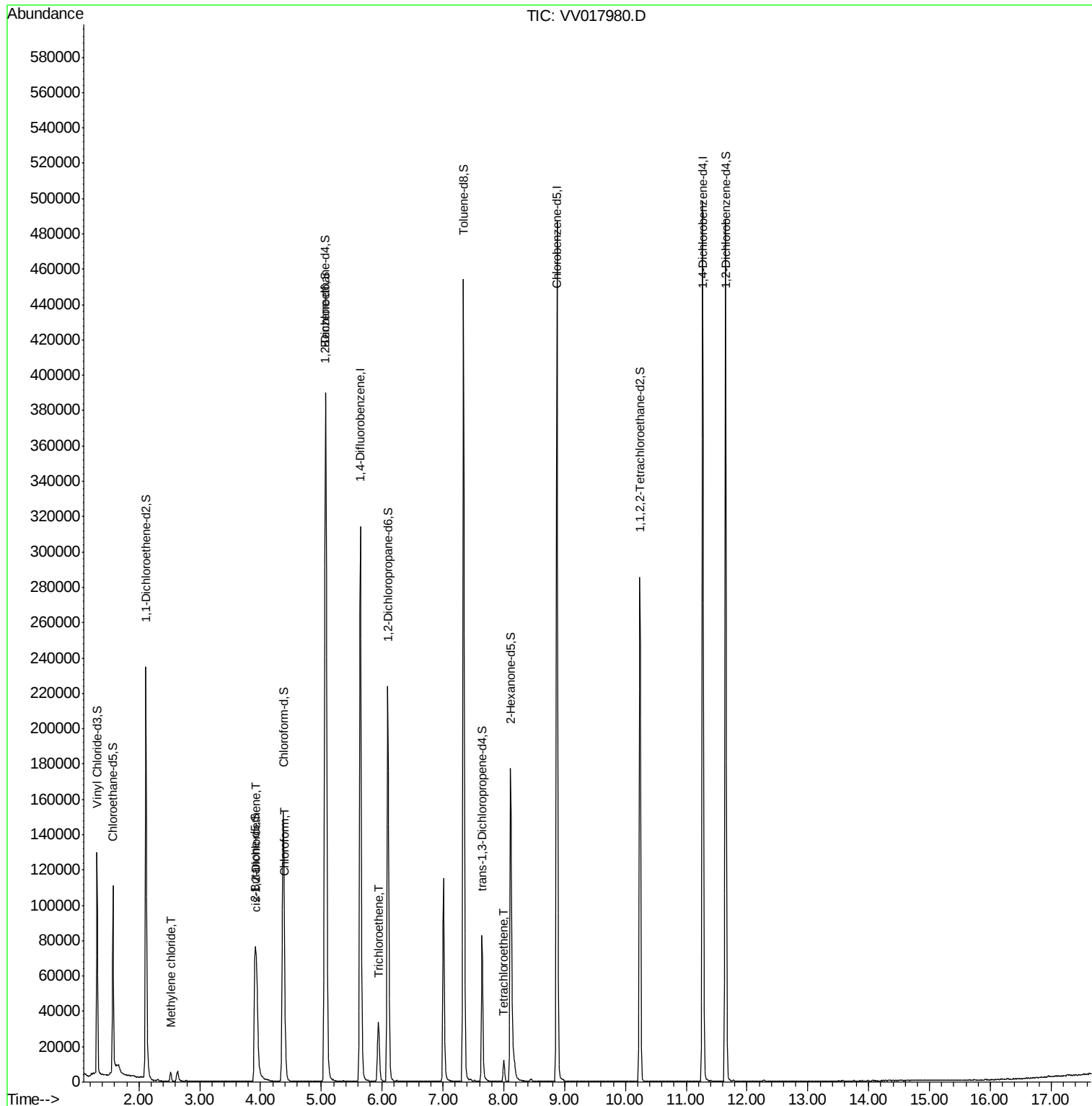
					Ovalue
16) Methylene chloride	2.52	84	1993	0.904 ug/L	95
20) cis-1,2-Dichloroethene	3.94	96	18966	9.701 ug/L	98
25) Chloroform	4.40	83	6760	1.853 ug/L	92
34) Trichloroethene	5.94	95	9514	4.551 ug/L	98
46) Tetrachloroethene	8.00	164	2819	1.839 ug/L	96

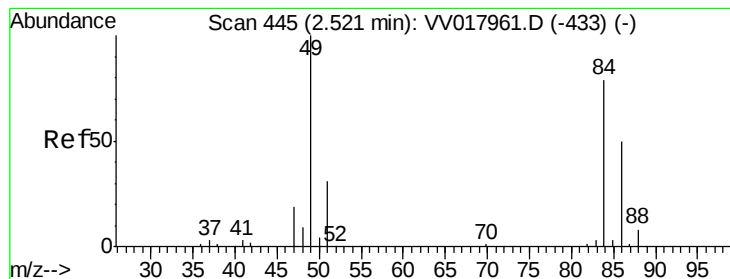
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 0.904 ug/L

RT: 2.52 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV017980.D

Acq: 13 Aug 2020 19:25

Instrument :

MSVOA_V

ClientSampled :

F4M06

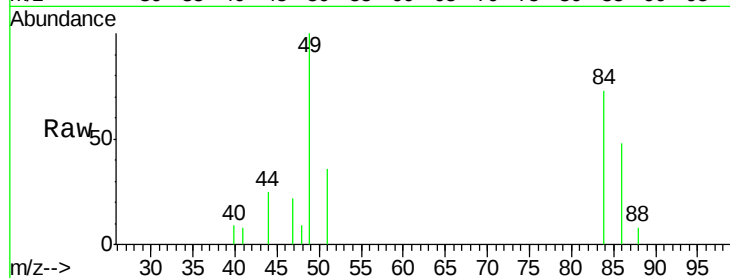
Tot Ion: 84 Resp: 1993

Ion Ratio Lower Upper

84 100

86 64.8 46.3 85.9

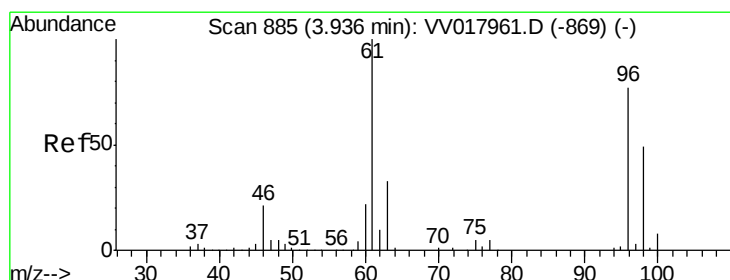
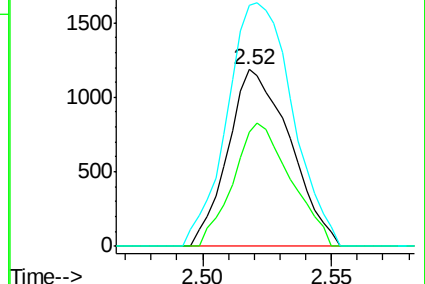
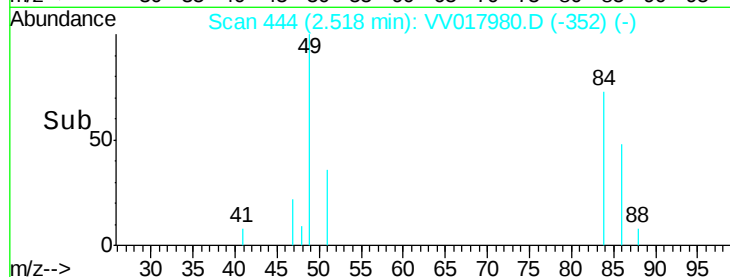
49 136.4 89.7 166.5



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 9.701 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017980.D

Acq: 13 Aug 2020 19:25

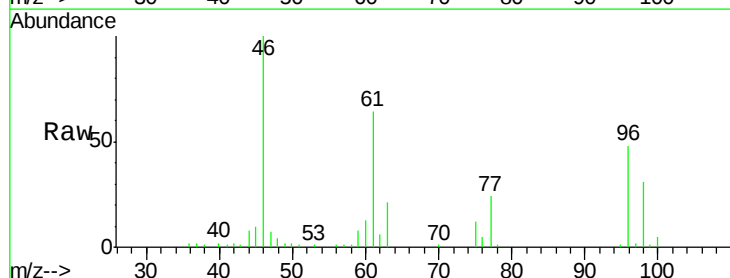
Tgt Ion: 96 Resp: 18966

Ion Ratio Lower Upper

96 100

61 133.6 95.0 176.4

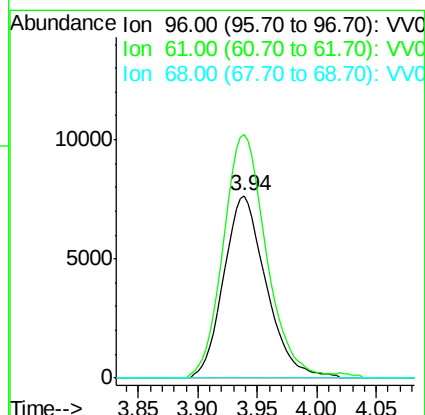
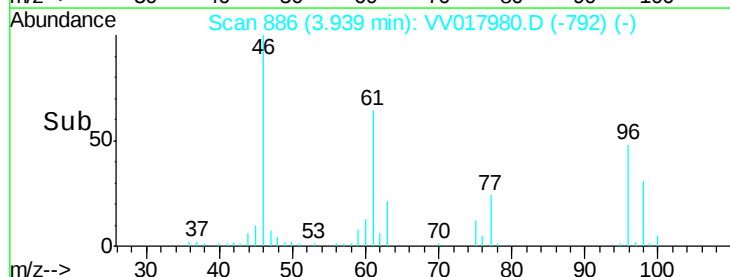
68 0.0 0.0 0.0

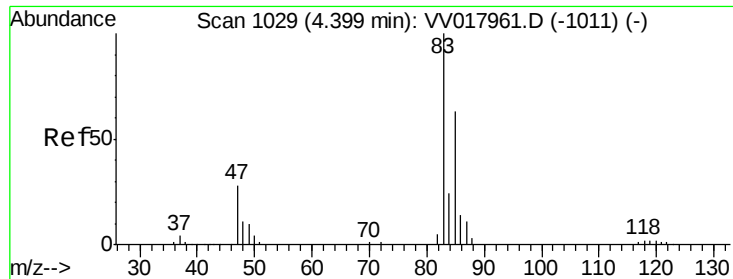


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

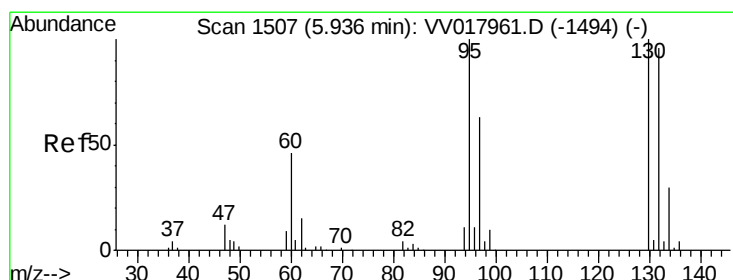
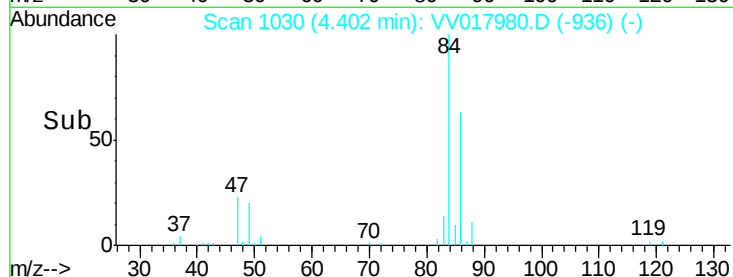
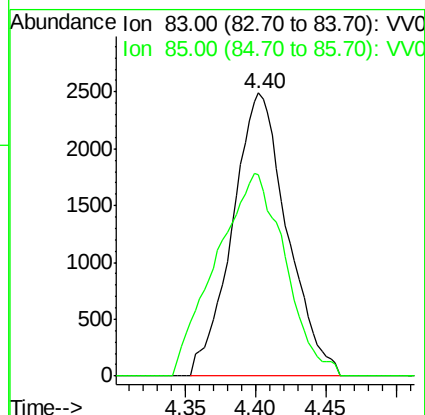
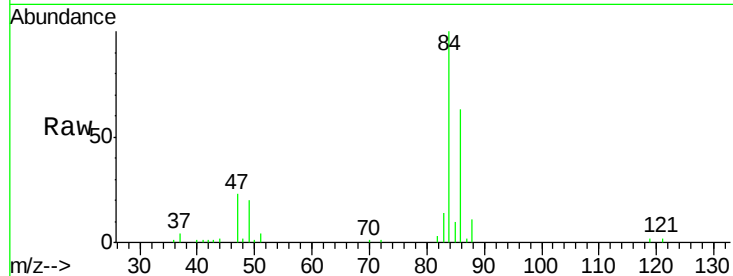




#25
Chloroform
Concen: 1.853 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV017980.D
Acq: 13 Aug 2020 19:25

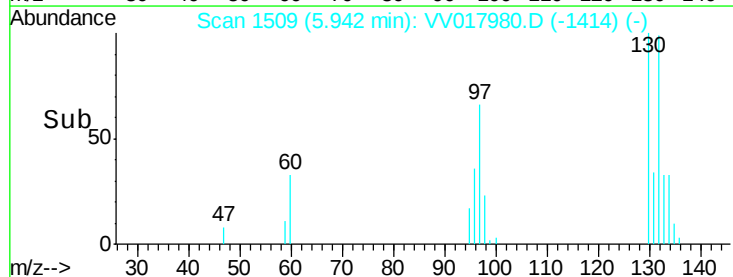
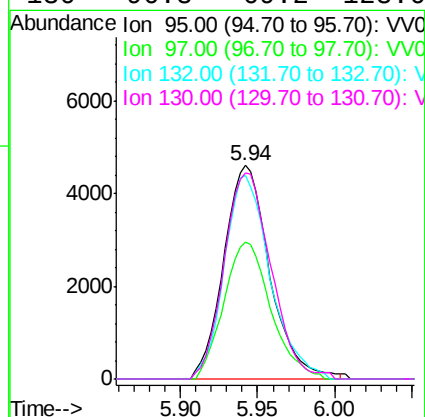
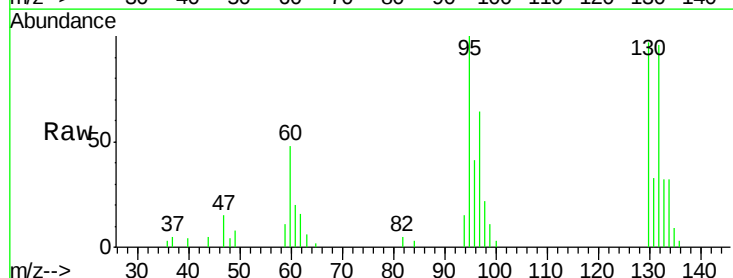
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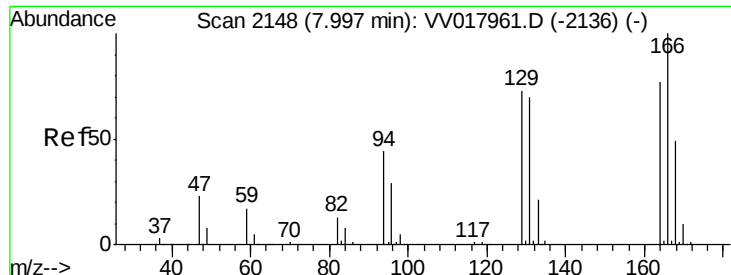
Tot Ion: 83 Resp: 6760
Ion Ratio Lower Upper
83 100
85 71.2 45.5 84.5



#34
Trichloroethene
Concen: 4.551 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017980.D
Acq: 13 Aug 2020 19:25

Tgt Ion: 95 Resp: 9514
Ion Ratio Lower Upper
95 100
97 63.9 46.0 85.4
132 95.6 65.8 122.2
130 96.8 69.2 128.6





#46

Tetrachloroethene

Concen: 1.839 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017980.D

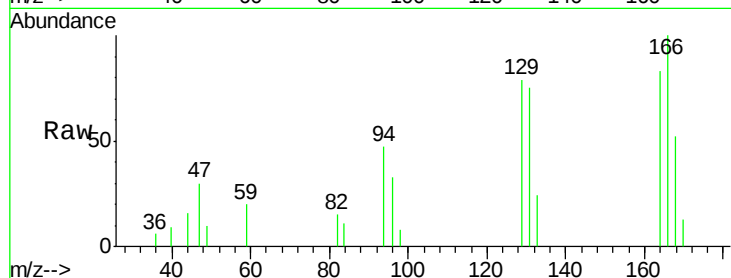
Acq: 13 Aug 2020 19:25

Instrument :

MSVOA_V

ClientSampleId :

F4M06



Tot Ion:164 Resp: 2819

Ion Ratio Lower Upper

164 100

129 94.6 64.8 120.3

131 90.3 64.5 119.9

166 120.0 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

