

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV017987.D
 Acq On : 14 Aug 2020 11:09
 Operator : SY/MD
 Sample : L3644-19DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M13DL

Quant Time: Aug 17 02:02:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	256859	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	251323	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120220	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98935	50.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.96%
7) Chloroethane-d5	1.58	69	82406	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.12	63	145175	38.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.46%
21) 2-Butanone-d5	3.90	46	120065	93.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.54%
24) Chloroform-d	4.37	84	172490	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
26) 1,2-Dichloroethane-d4	5.05	65	121339	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.74%
32) Benzene-d6	5.07	84	349460	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.90%
36) 1,2-Dichloropropane-d6	6.09	67	114073	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.76%
41) Toluene-d8	7.34	98	309342	49.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.32%
43) trans-1,3-Dichloropropene-	7.64	79	50555	49.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.44%
47) 2-Hexanone-d5	8.11	63	58847	80.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136729	46.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	127261	53.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.58%

Target Compounds

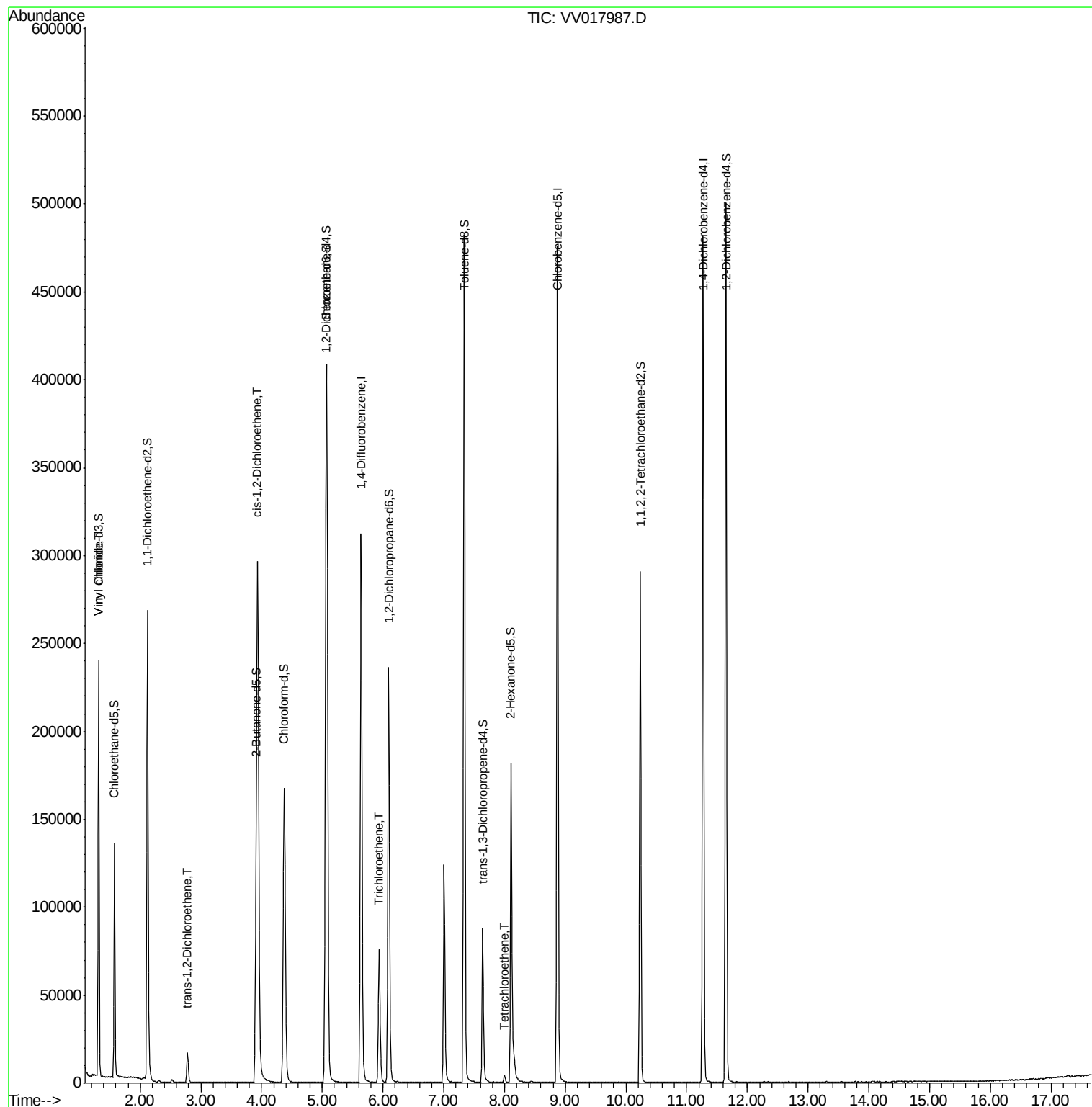
					Ovalue
5) Vinyl chloride	1.32	62	52865	23.163	ug/L 95
17) trans-1,2-Dichloroethene	2.78	96	6430	3.630	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	149751	76.940	ug/L 99
34) Trichloroethene	5.94	95	24007	11.681	ug/L 98
46) Tetrachloroethene	8.00	164	1084	0.719	ug/L 97

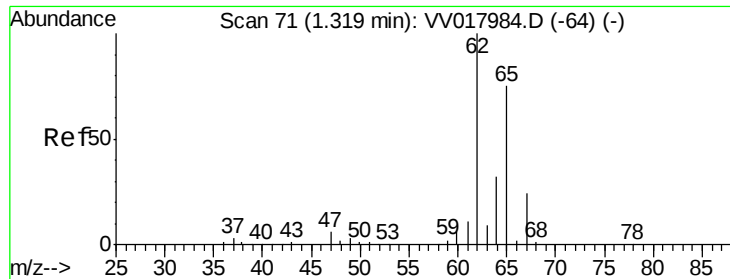
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 23.163 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017987.D

Acq: 14 Aug 2020 11:09

Instrument :

MSVOA_V

ClientSampleId :

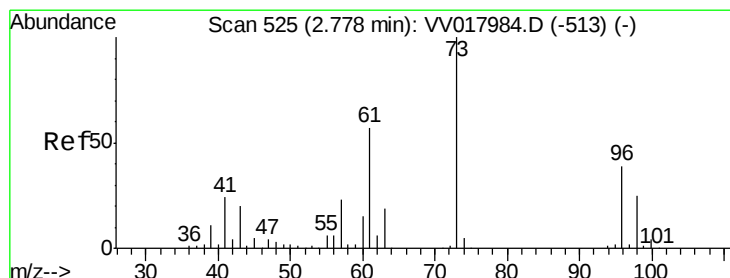
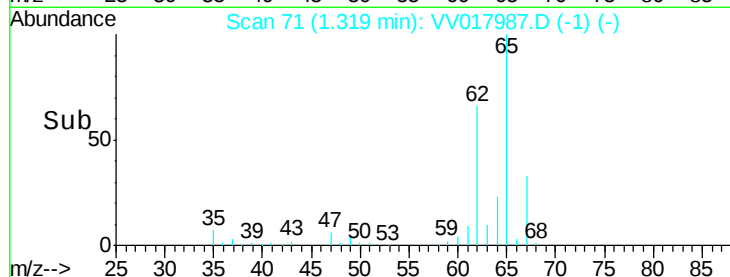
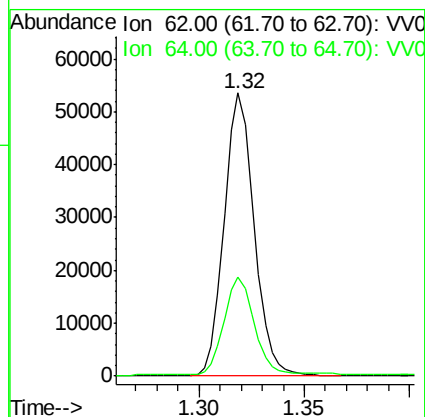
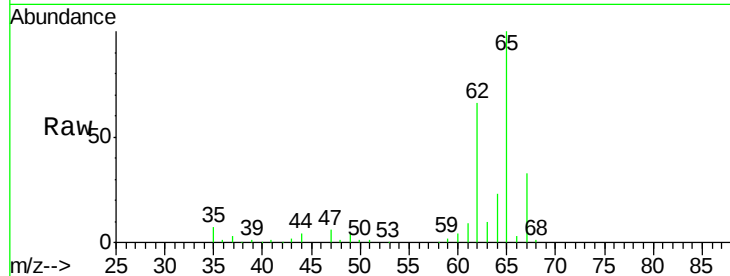
F2M13DL

Tot Ion: 62 Resp: 52865

Ion Ratio Lower Upper

62 100

64 34.8 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 3.630 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017987.D

Acq: 14 Aug 2020 11:09

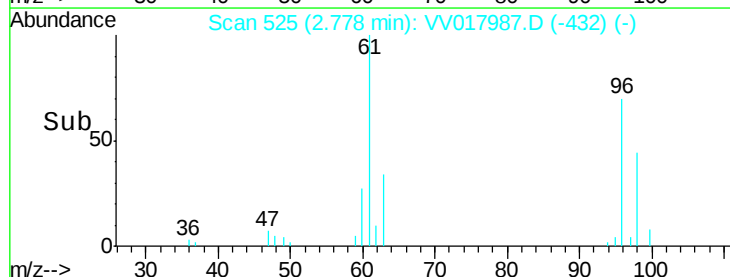
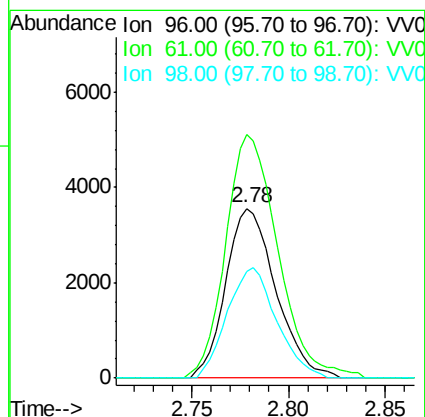
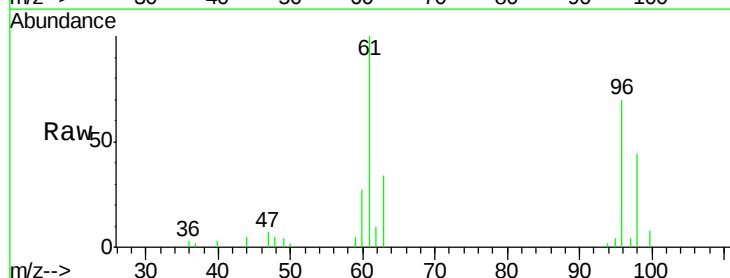
Tgt Ion: 96 Resp: 6430

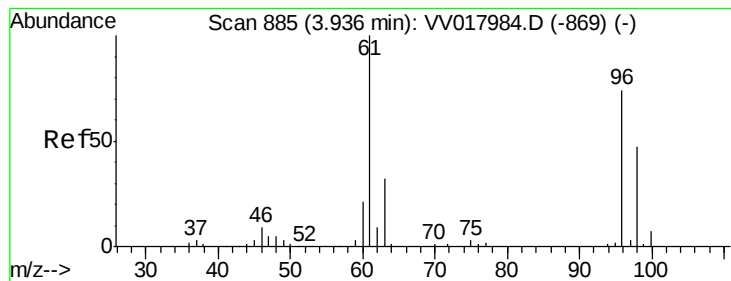
Ion Ratio Lower Upper

96 100

61 143.6 102.4 190.2

98 62.6 44.4 82.5



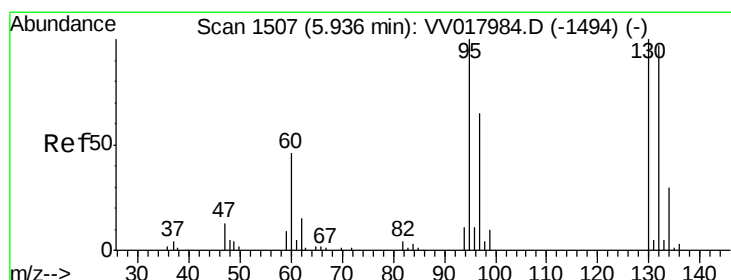
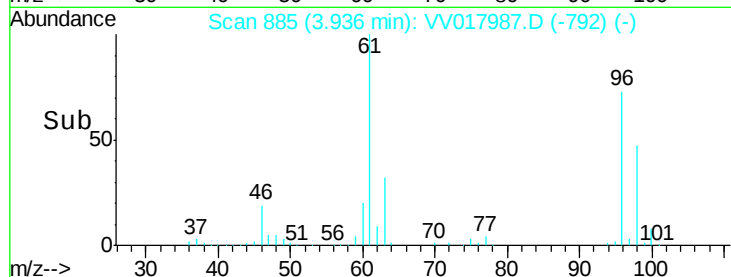
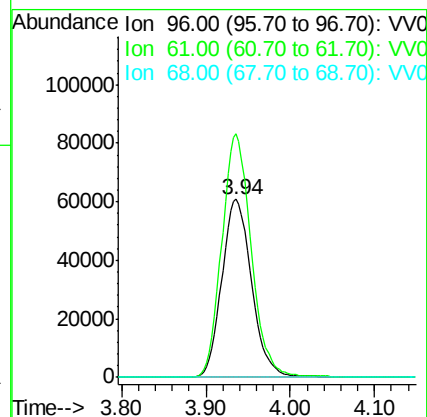
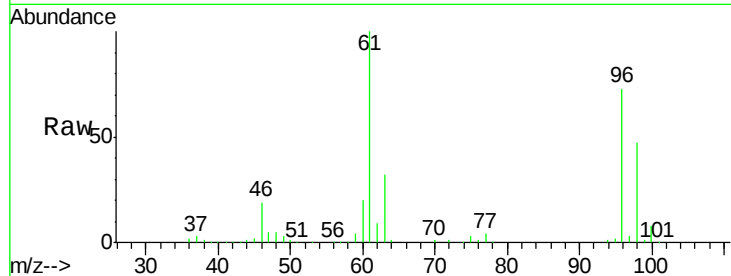


#20

cis-1,2-Dichloroethene
Concen: 76.940 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV017987.D
Acq: 14 Aug 2020 11:09

Instrument :
MSVOA_V
ClientSampled :
F2M13DL

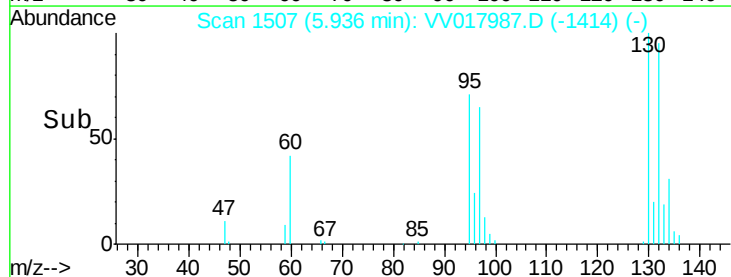
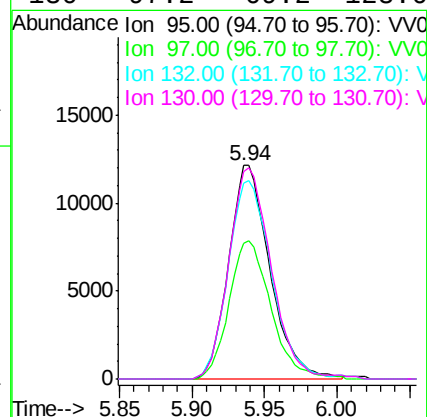
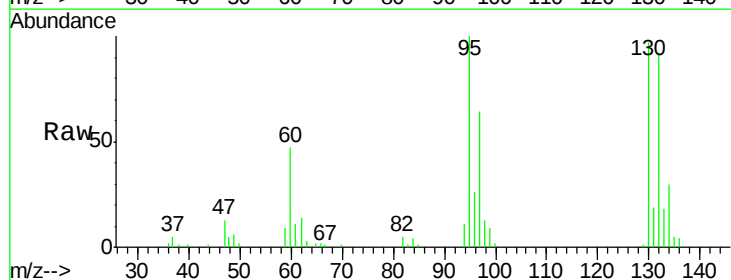
Tot Ion: 96 Resp: 149751
Ion Ratio Lower Upper
96 100
61 136.6 95.0 176.4
68 0.0 0.0 0.0

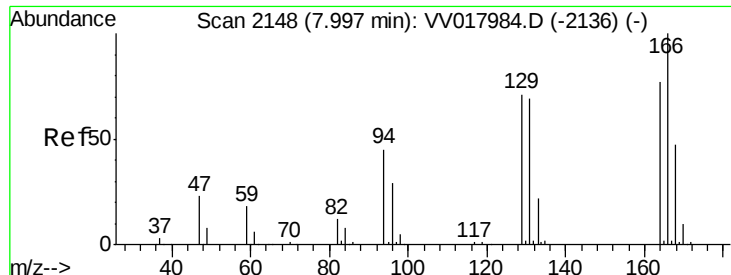


#34

Trichloroethene
Concen: 11.681 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017987.D
Acq: 14 Aug 2020 11:09

Tgt Ion: 95 Resp: 24007
Ion Ratio Lower Upper
95 100
97 63.6 46.0 85.4
132 91.9 65.8 122.2
130 97.2 69.2 128.6





#46

Tetrachloroethene

Concen: 0.719 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017987.D

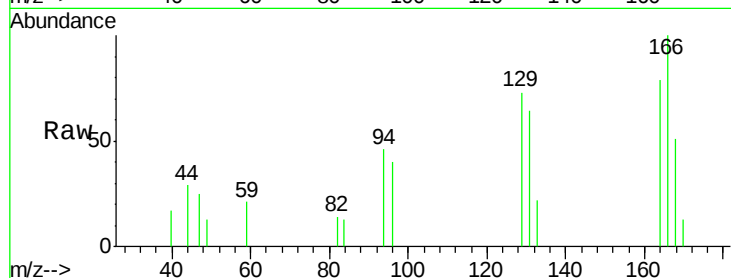
Acq: 14 Aug 2020 11:09

Instrument :

MSVOA_V

ClientSampleId :

F2M13DL



Tot Ion:164 Resp: 1084

Ion Ratio Lower Upper

164 100

129 92.3 64.8 120.3

131 81.6 64.5 119.9

166 126.9 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

