

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017109.D
 Acq On : 25 Jun 2020 07:05
 Operator : SY/MD
 Sample : L3102-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L62

Quant Time: Jun 25 07:36:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 05:27:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	179941	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	174914	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81400	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38269	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.58	69	33043	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.13	63	61387	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.92	46	117122	42.55	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.10%
24) Chloroform-d	4.38	84	102831	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.06	65	56347	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.08	84	193004	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.10	67	58435	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.34	98	175406	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
45) trans-1,3-Dichloropropene-	7.64	79	22106	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
48) 2-Hexanone-d5	8.11	63	86736	40.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42167	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	70091	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

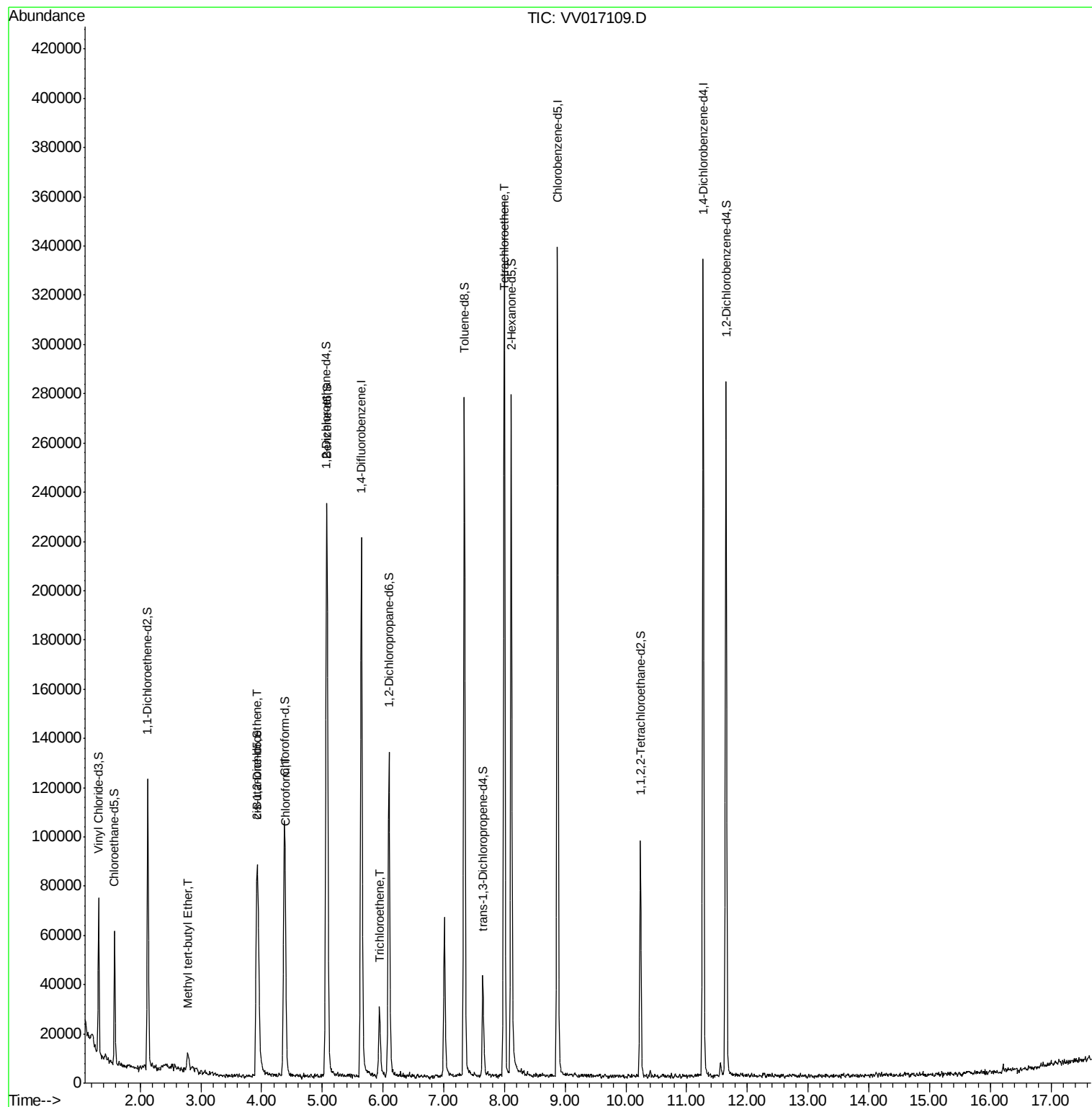
					Ovalue
17) Methyl tert-butyl Ether	2.79	73	6772	0.312 ug/L #	83
22) cis-1,2-Dichloroethene	3.94	96	19472	1.556 ug/L	96
25) Chloroform	4.40	83	4833	0.215 ug/L	96
34) Trichloroethene	5.94	95	9313	0.694 ug/L	93
49) Tetrachloroethene	8.00	164	76316	7.069 ug/L	98

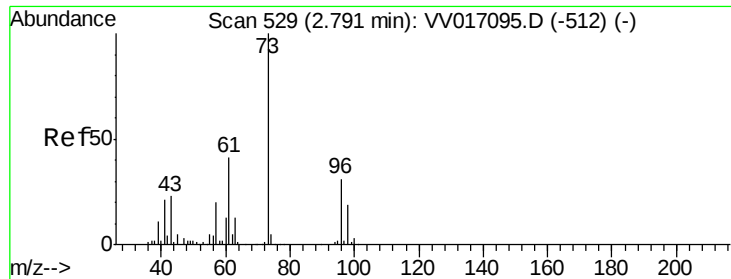
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
Data File : VV017109.D
Acq On : 25 Jun 2020 07:05
Operator : SY/MD
Sample : L3102-13
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9L62

Quant Time: Jun 25 07:36:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 05:27:24 2020
Response via : Initial Calibration

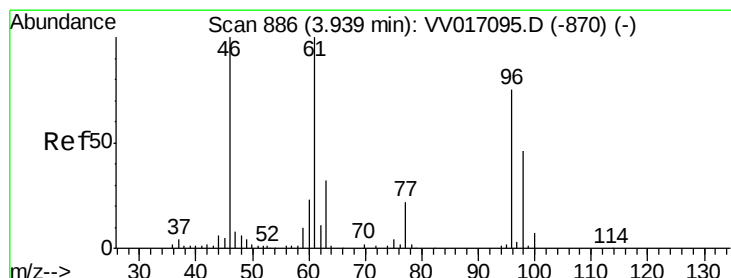
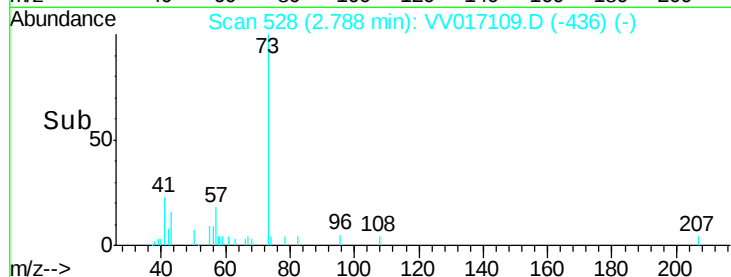
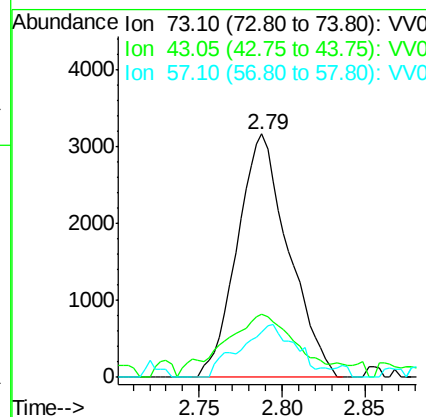
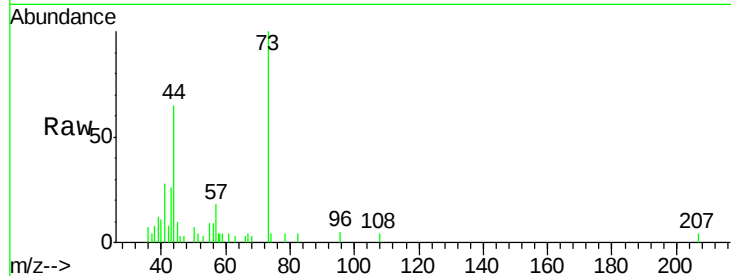




#17
Methvl tert-butvl Ether
Concen: 0.312 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

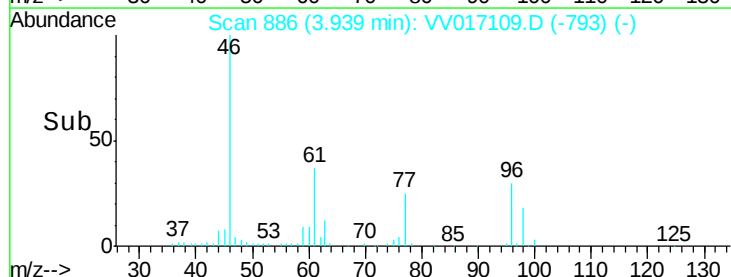
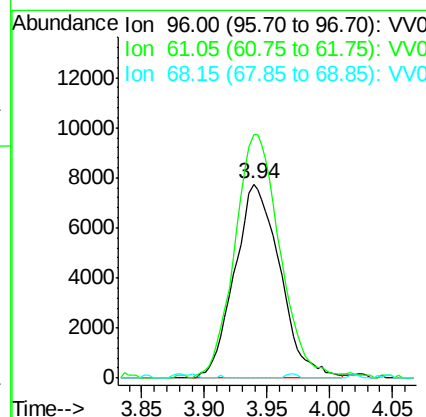
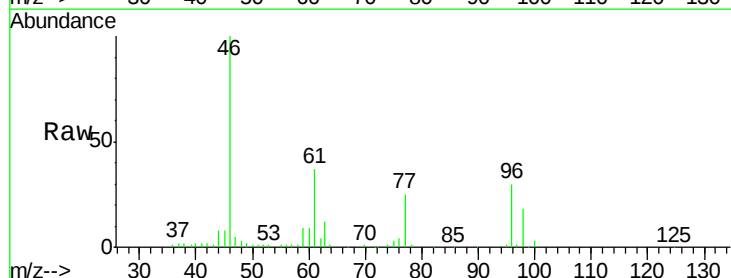
Instrument :
MSVOA_V
ClientSampled :
F9L62

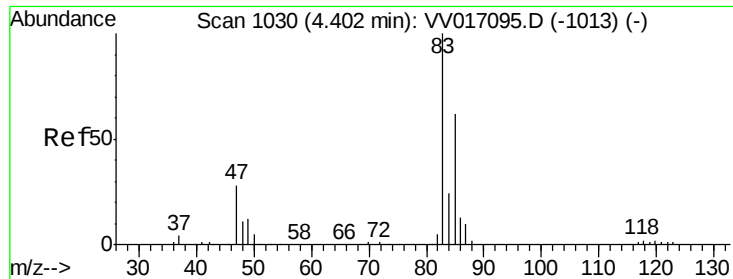
Tot Ion: 73 Resp: 6772
Ion Ratio Lower Upper
73 100
43 36.3 18.6 28.0#
57 23.3 16.4 24.6



#22
cis-1,2-Dichloroethene
Concen: 1.556 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

Tgt Ion: 96 Resp: 19472
Ion Ratio Lower Upper
96 100
61 125.5 91.0 169.0
68 0.0 0.0 0.0

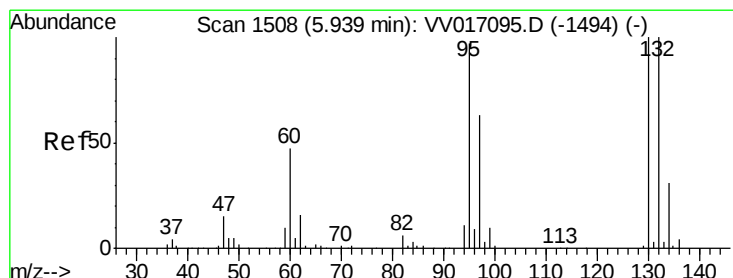
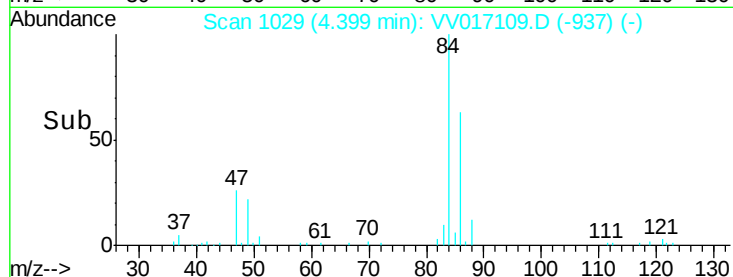
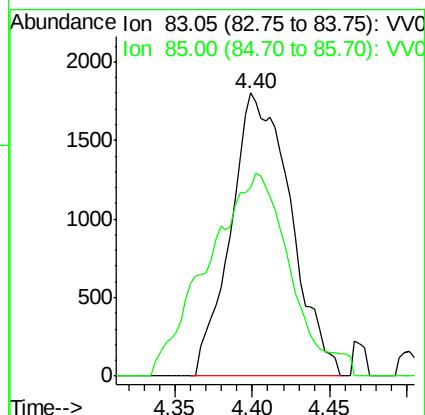
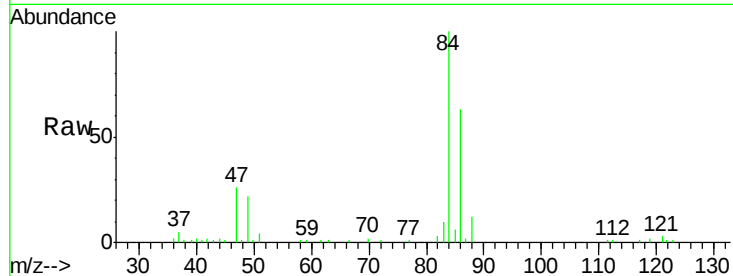




#25
Chloroform
Concen: 0.215 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

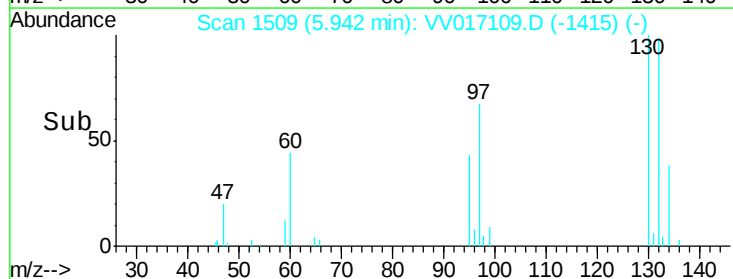
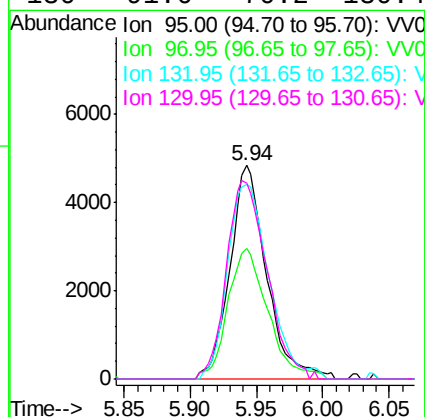
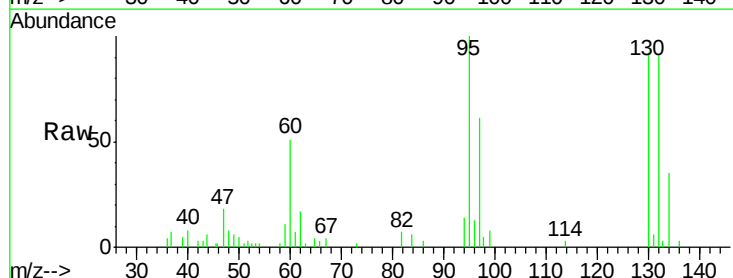
Instrument :
MSVOA_V
ClientSampled :
F9L62

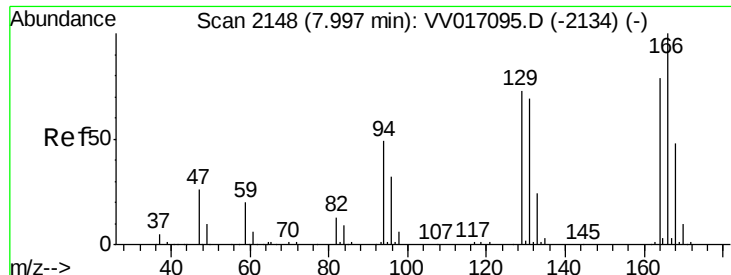
Tot Ion: 83 Resp: 4833
Ion Ratio Lower Upper
83 100
85 66.4 44.2 82.2



#34
Trichloroethene
Concen: 0.694 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VV017109.D
Acq: 25 Jun 2020 07:05

Tgt Ion: 95 Resp: 9313
Ion Ratio Lower Upper
95 100
97 61.2 45.3 84.1
132 91.0 68.8 127.8
130 91.6 70.2 130.4





#49

Tetrachloroethene

Concen: 7.069 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017109.D

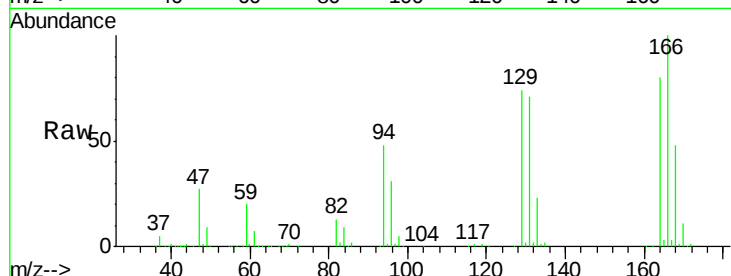
Acq: 25 Jun 2020 07:05

Instrument :

MSVOA_V

ClientSampleId :

F9L62



Tot Ion:164 Resp: 76316

Ion Ratio Lower Upper

164 100

129 92.4 65.2 121.0

131 88.9 64.1 119.1

166 125.0 90.2 167.4

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

