

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017257.D
 Acq On : 30 Jun 2020 13:58
 Operator : SY/MD
 Sample : L3102-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L66

Quant Time: Jul 01 06:15:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 06:00:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	200587	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	193464	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	94102	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47453	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.58	69	41568	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.12	63	74009	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.92	46	123185	40.15	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.30%
24) Chloroform-d	4.38	84	111851	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.06	65	60556	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.07	84	202034	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.09	67	59116	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.60%
41) Toluene-d8	7.33	98	182128	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
45) trans-1,3-Dichloropropene-	7.64	79	24066	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
48) 2-Hexanone-d5	8.11	63	87776	36.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.62%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41160	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	74493	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

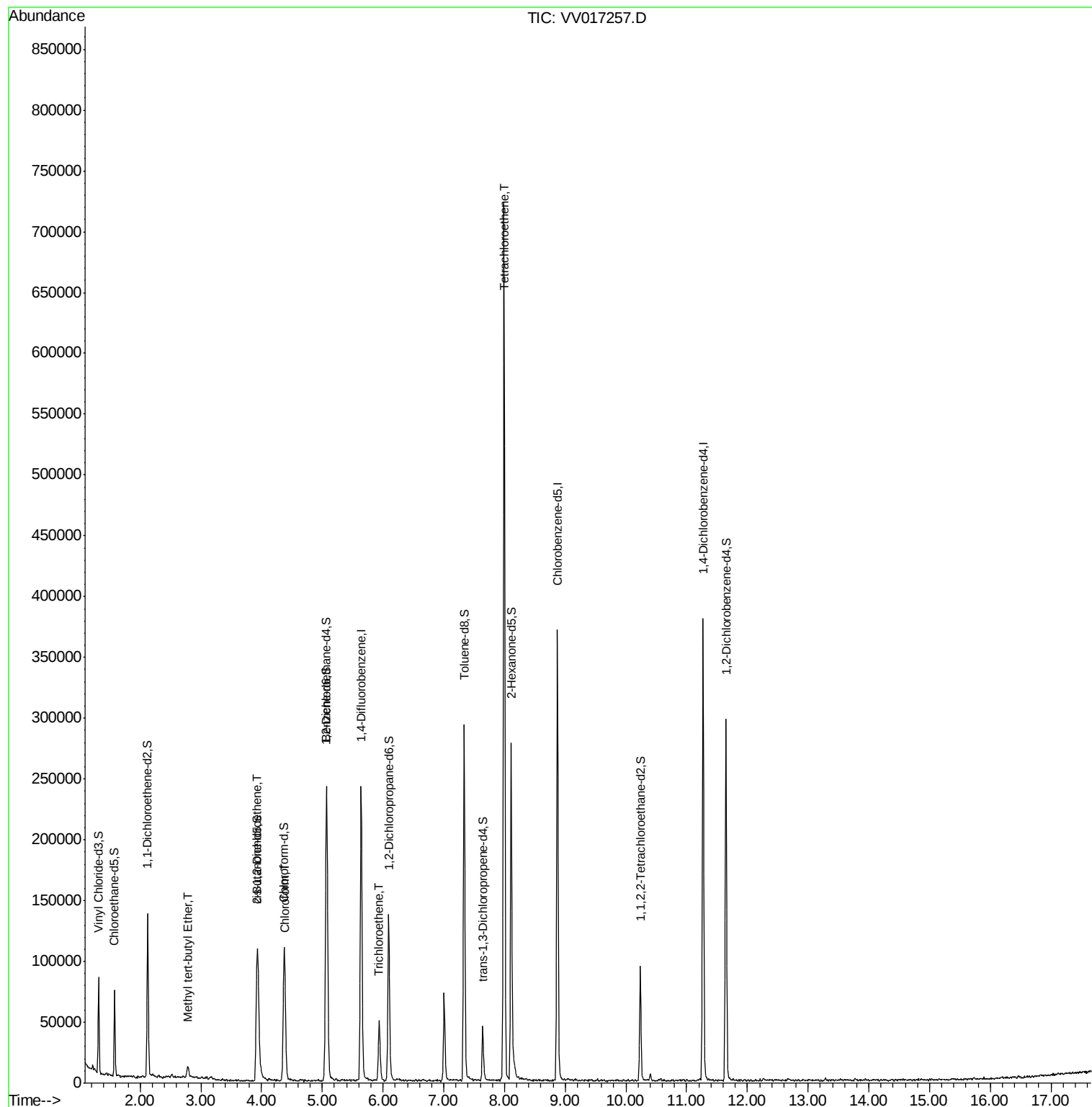
					Ovalue
17) Methyl tert-butyl Ether	2.78	73	8223	0.340 ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	30512	2.187 ug/L	96
25) Chloroform	4.40	83	4710	0.188 ug/L	91
34) Trichloroethene	5.94	95	15434	1.040 ug/L	93
49) Tetrachloroethene	7.99	164	159377	13.347 ug/L	96

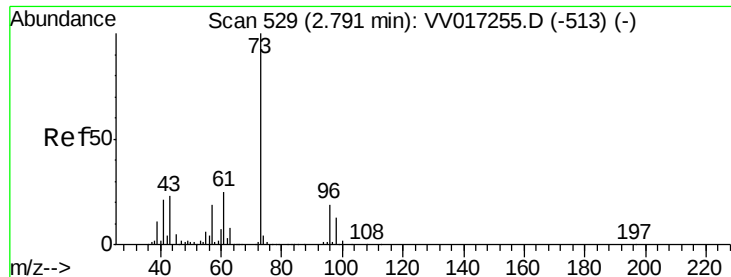
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
Data File : VV017257.D
Acq On : 30 Jun 2020 13:58
Operator : SY/MD
Sample : L3102-17
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9L66

Quant Time: Jul 01 06:15:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 01 06:00:36 2020
Response via : Initial Calibration

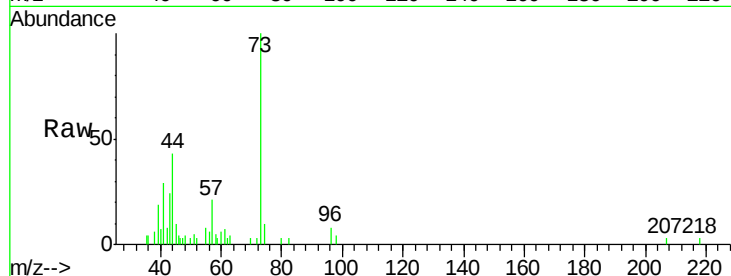




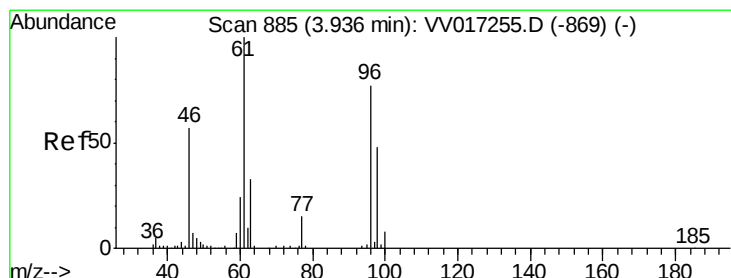
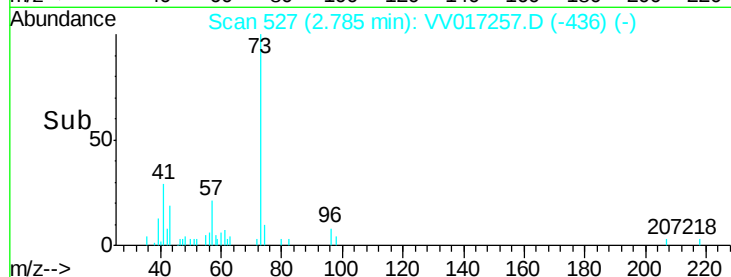
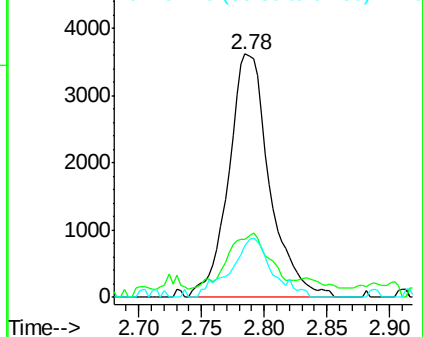
#17
Methvl tert-butvl Ether
Concen: 0.340 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.01 min
Lab File: VV017257.D
Acq: 30 Jun 2020 13:58

Instrument :
MSVOA_V
ClientSampleId :
F9L66

Tot Ion: 73 Resp: 8223
Ion Ratio Lower Upper
73 100
43 22.9 18.6 28.0
57 24.4 16.4 24.6

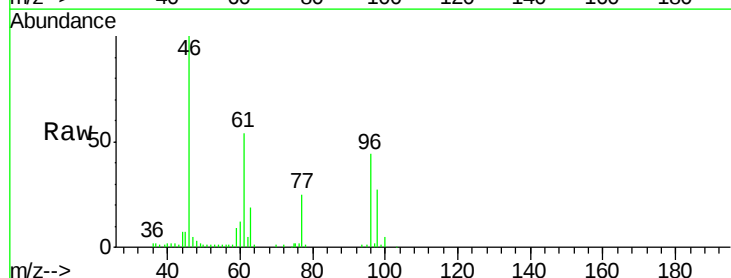


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

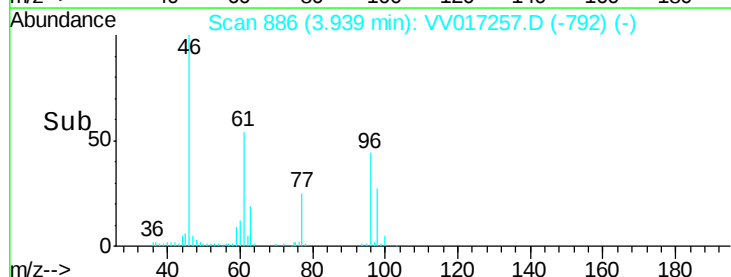
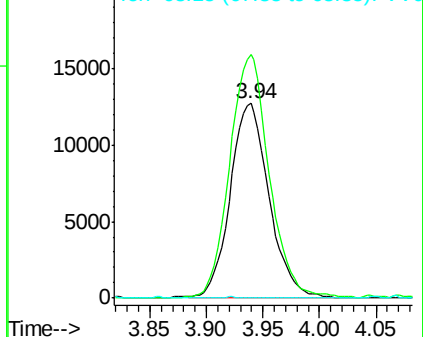


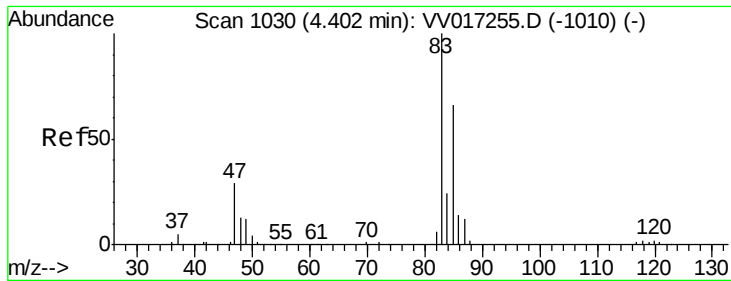
#22
cis-1,2-Dichloroethene
Concen: 2.187 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017257.D
Acq: 30 Jun 2020 13:58

Tgt Ion: 96 Resp: 30512
Ion Ratio Lower Upper
96 100
61 125.1 91.0 169.0
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0





#25

Chloroform

Concen: 0.188 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VV017257.D

Acq: 30 Jun 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

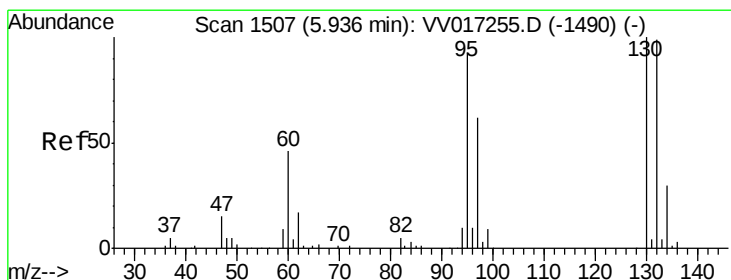
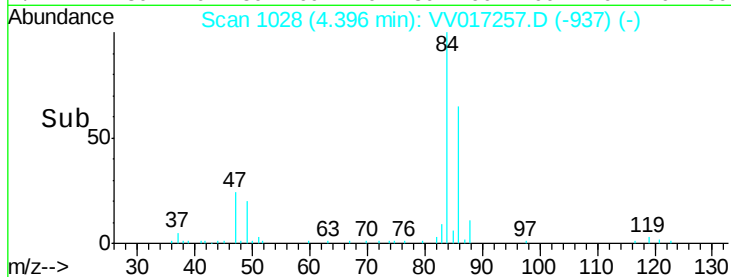
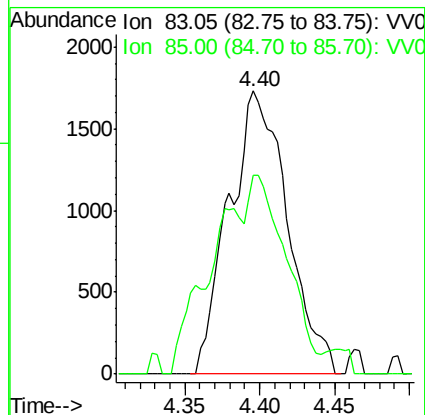
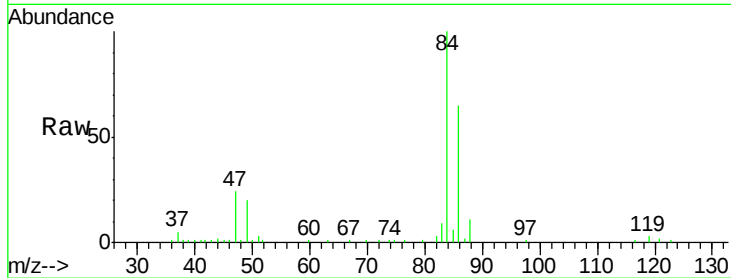
F9L66

Tot Ion: 83 Resp: 4710

Ion Ratio Lower Upper

83 100

85 70.3 44.2 82.2



#34

Trichloroethene

Concen: 1.040 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV017257.D

Acq: 30 Jun 2020 13:58

Tgt Ion: 95 Resp: 15434

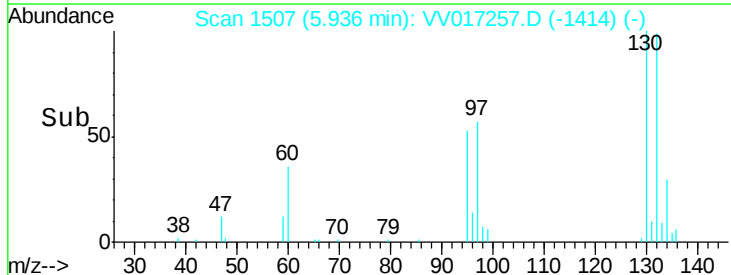
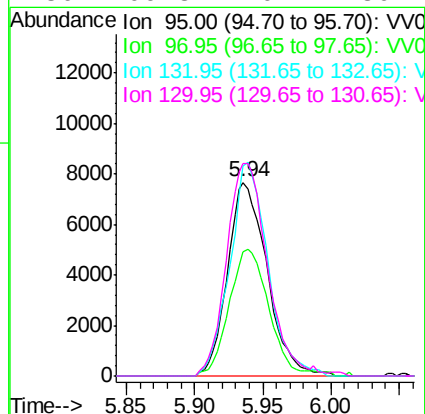
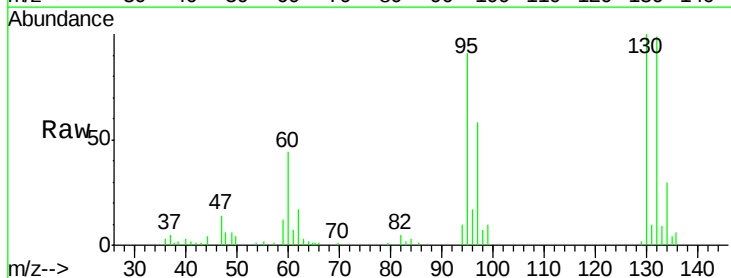
Ion Ratio Lower Upper

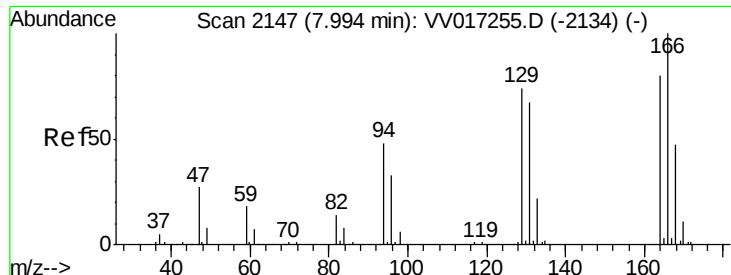
95 100

97 63.9 45.3 84.1

132 108.2 68.8 127.8

130 109.3 70.2 130.4





#49

Tetrachloroethene

Concen: 13.347 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV017257.D

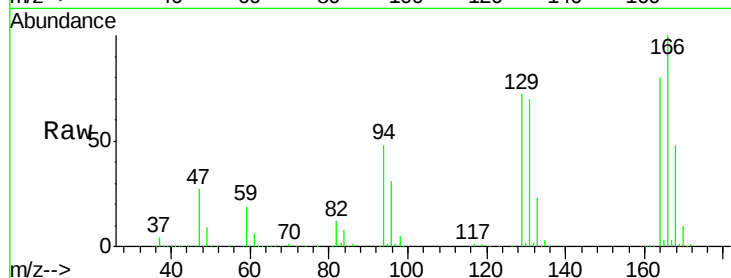
Acq: 30 Jun 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

F9L66



Tot Ion:164 Resp: 159377

Ion Ratio Lower Upper

164 100

129 90.0 65.2 121.0

131 87.0 64.1 119.1

166 124.5 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

