

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012165.D
 Acq On : 09 Aug 2019 22:00
 Operator : SY/MD
 Sample : K4248-02
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B05

Quant Time: Aug 14 08:43:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 05:07:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	272345	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	251129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	111816	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52216	52.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.22%
7) Chloroethane-d5	1.58	69	33847	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.96%
11) 1,1-Dichloroethene-d2	2.13	63	70763	37.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.72%
21) 2-Butanone-d5	3.93	46	38101	76.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.91%
24) Chloroform-d	4.40	84	99041	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	5.08	65	65146	54.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.16%
32) Benzene-d6	5.10	84	211421	54.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.12	67	56460	53.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.62%
41) Toluene-d8	7.36	98	192989	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%
43) trans-1,3-Dichloropropene-	7.66	79	28811	50.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.40%
47) 2-Hexanone-d5	8.13	63	41778	103.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.11%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	74006	50.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.94%
64) 1,2-Dichlorobenzene-d4	11.67	152	71857	54.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.74%

Target Compounds

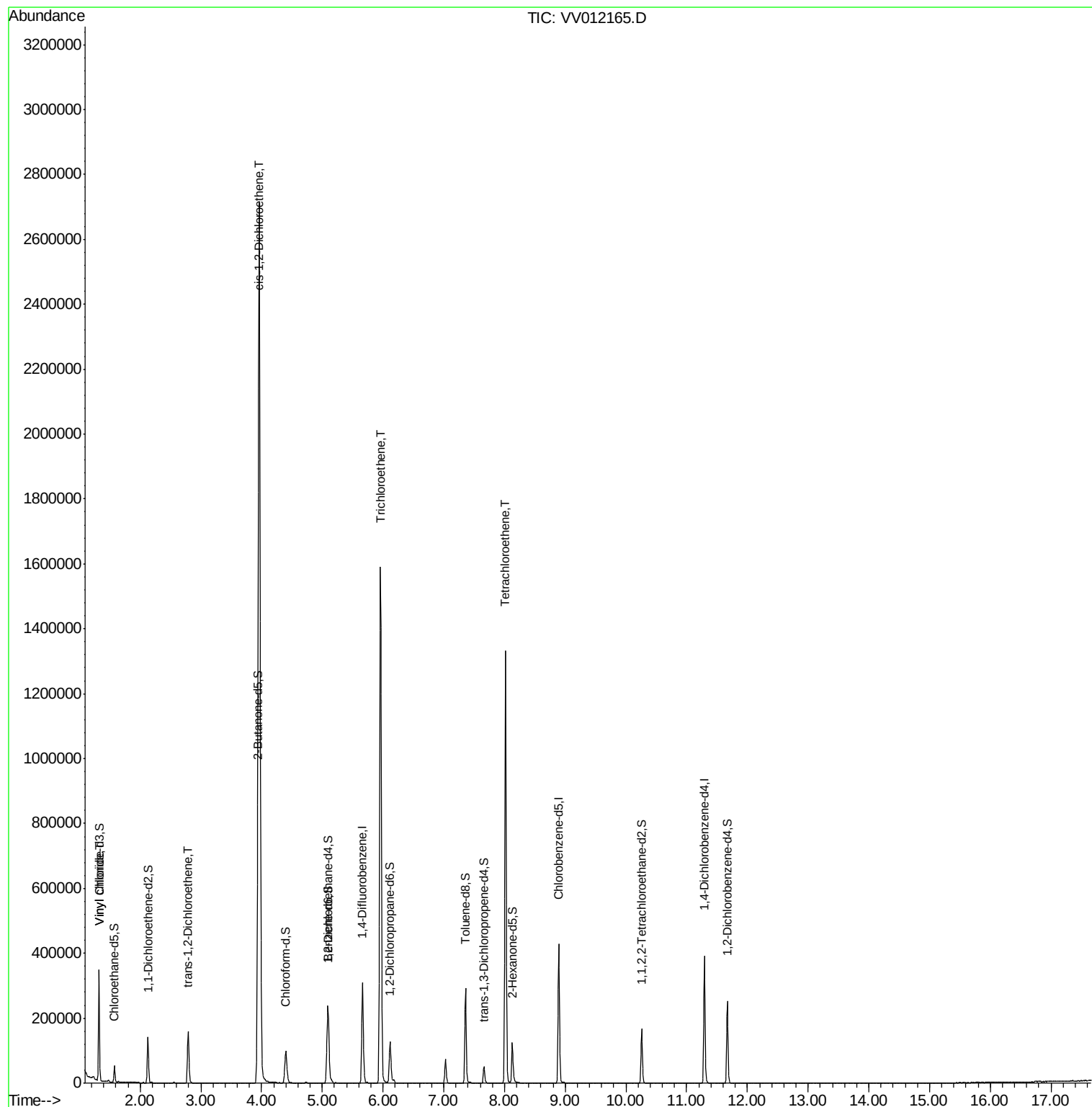
					Ovalue
5) Vinyl chloride	1.32	62	165309	109.785	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	59860	37.133	ug/L 97
20) cis-1,2-Dichloroethene	3.96	96	1609163	878.646	ug/L 97
34) Trichloroethene	5.96	95	533231	307.764	ug/L 97
46) Tetrachloroethene	8.02	164	317489	191.697	ug/L 98

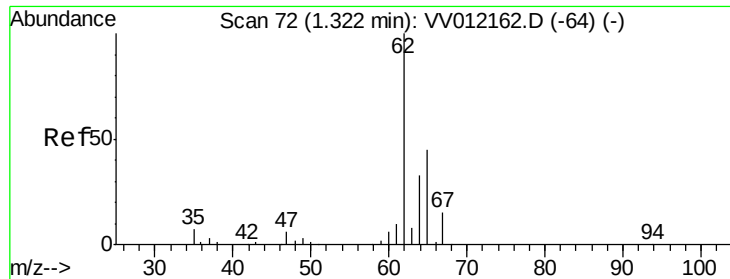
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 109.785 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012165.D

Acq: 09 Aug 2019 22:00

Instrument :

MSVOA_V

ClientSampleId :

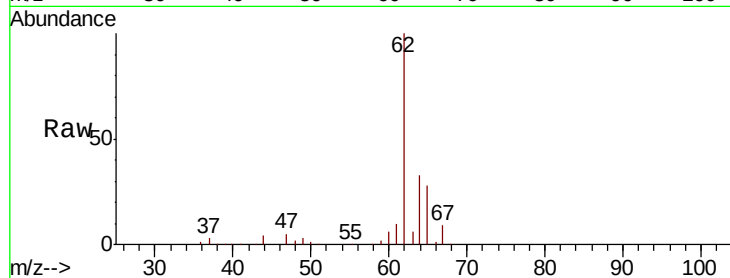
F2B05

Tot Ion: 62 Resp: 165309

Ion Ratio Lower Upper

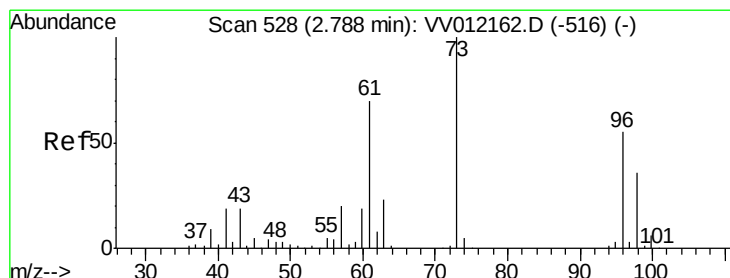
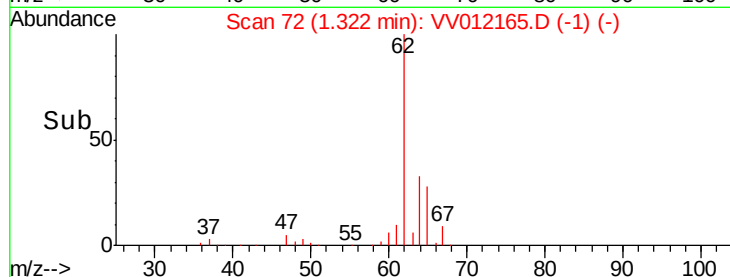
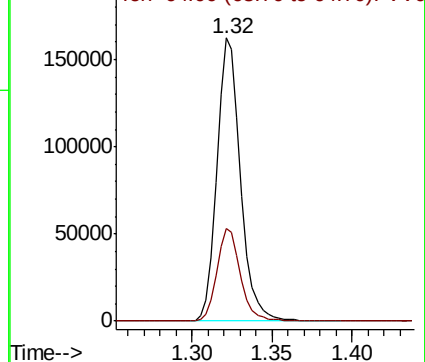
62 100

64 32.7 23.7 44.1



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: 37.133 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV012165.D

Acq: 09 Aug 2019 22:00

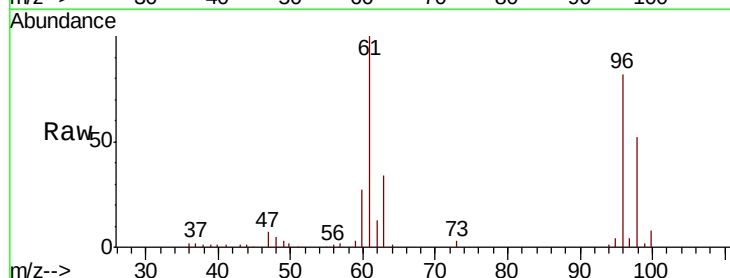
Tgt Ion: 96 Resp: 59860

Ion Ratio Lower Upper

96 100

61 122.3 89.3 165.9

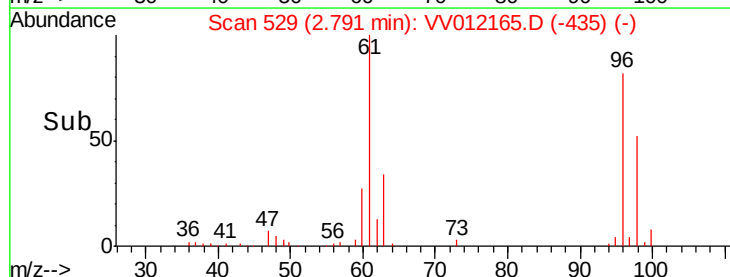
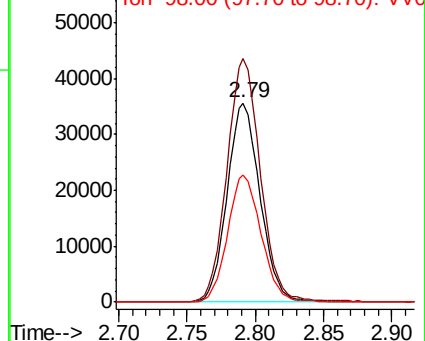
98 63.8 44.7 83.1

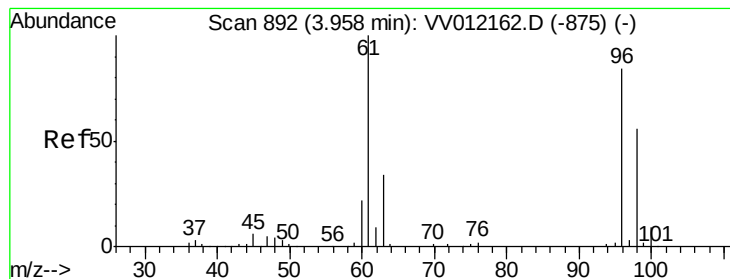


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



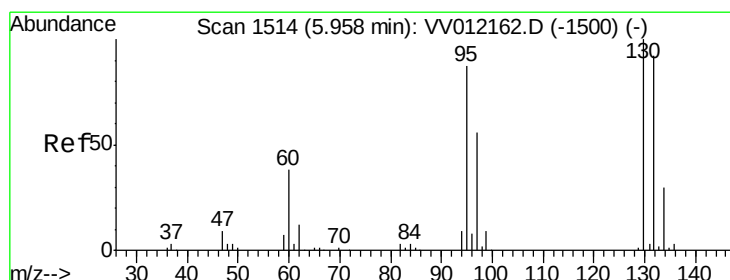
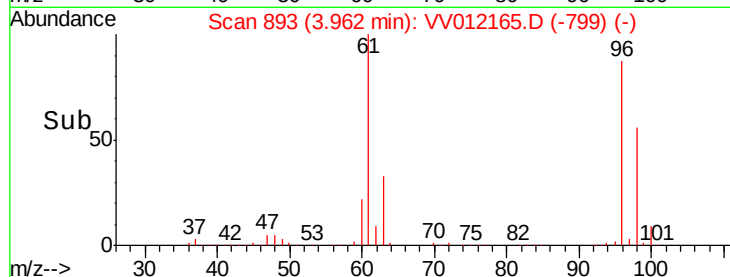
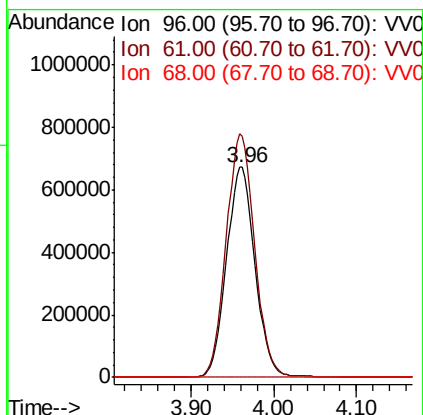
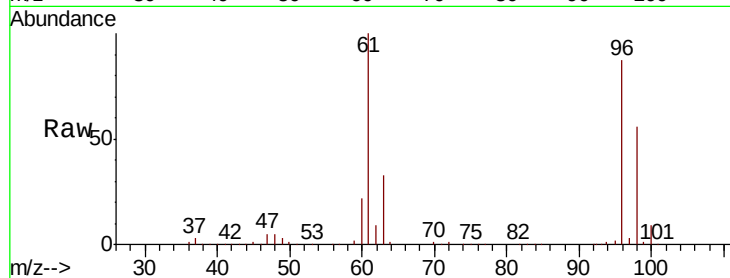


#20

cis-1,2-Dichloroethene
 Concen: 878.646 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV012165.D
 Acq: 09 Aug 2019 22:00

Instrument :
 MSVOA_V
 ClientSampled :
 F2B05

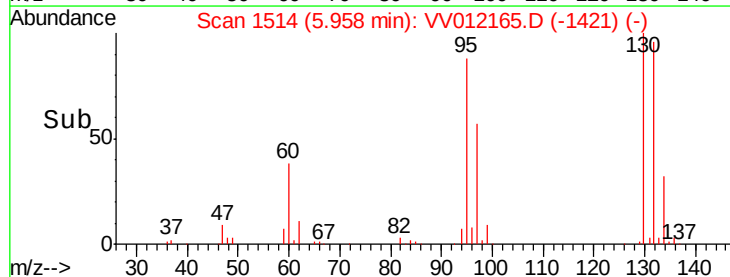
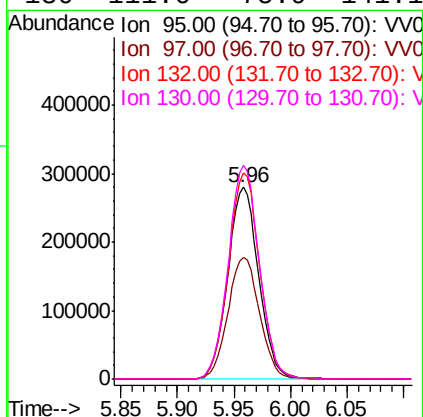
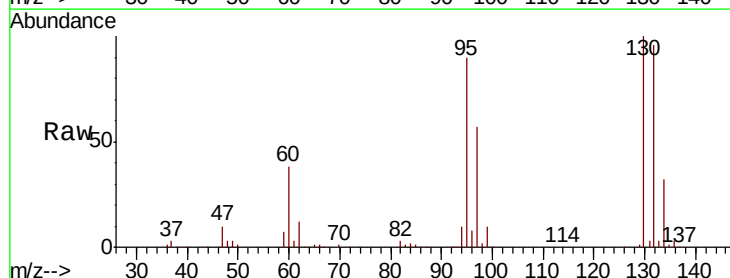
Tot Ion: 96 Resp: 1609163
 Ion Ratio Lower Upper
 96 100
 61 114.9 82.9 153.9
 68 0.0 0.0 0.0

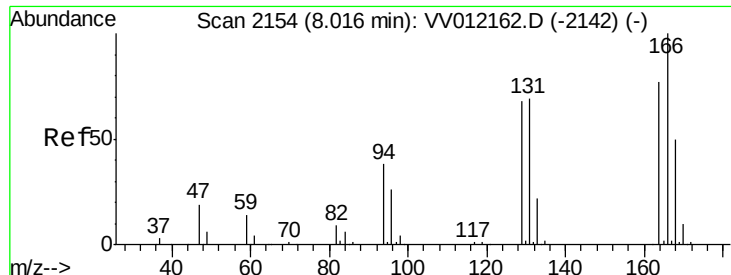


#34

Trichloroethene
 Concen: 307.764 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012165.D
 Acq: 09 Aug 2019 22:00

Tgt Ion: 95 Resp: 533231
 Ion Ratio Lower Upper
 95 100
 97 63.9 44.7 83.1
 132 107.7 72.7 134.9
 130 111.6 75.9 141.1





#46

Tetrachloroethene

Concen: 191.697 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012165.D

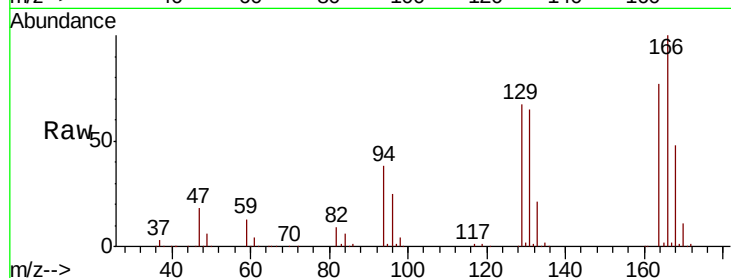
Acq: 09 Aug 2019 22:00

Instrument :

MSVOA_V

ClientSampleId :

F2B05



Tot Ion:164 Resp: 317489

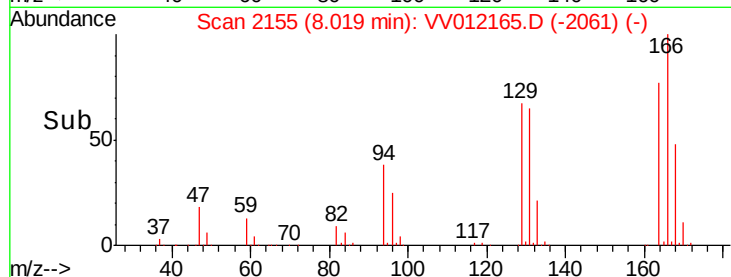
Ion Ratio Lower Upper

164 100

129 86.9 60.6 112.6

131 84.3 59.5 110.5

166 129.8 87.2 161.9



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

