

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012170.D
 Acq On : 10 Aug 2019 00:03
 Operator : SY/MD
 Sample : K4248-07
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B14

Quant Time: Aug 12 04:23:15 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	276575	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	256654	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	119233	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50984	50.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.22%
7) Chloroethane-d5	1.58	69	30715	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.68%
11) 1,1-Dichloroethene-d2	2.13	63	65905	34.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.52%
21) 2-Butanone-d5	3.93	46	43406	86.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.28%
24) Chloroform-d	4.40	84	94650	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
26) 1,2-Dichloroethane-d4	5.08	65	62415	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
32) Benzene-d6	5.10	84	199871	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
36) 1,2-Dichloropropane-d6	6.12	67	53282	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.44%
41) Toluene-d8	7.36	98	177490	46.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.64%
43) trans-1,3-Dichloropropene-	7.66	79	25962	44.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.52%
47) 2-Hexanone-d5	8.13	63	39820	96.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	69996	47.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.34%
64) 1,2-Dichlorobenzene-d4	11.67	152	71634	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%

Target Compounds

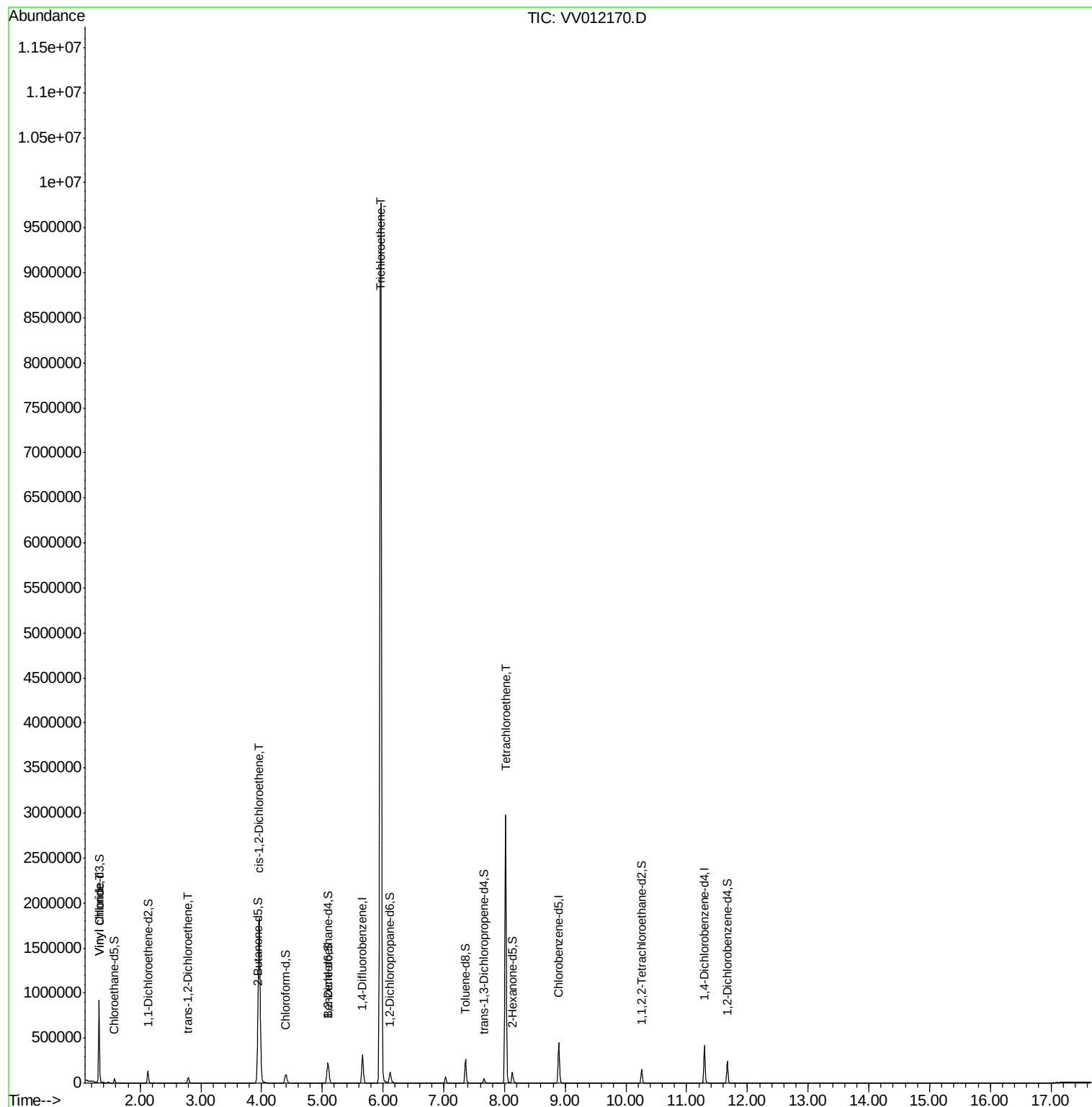
					Ovalue
5) Vinyl chloride	1.32	62	505296	330.445	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	24525	14.981	ug/L 97
20) cis-1,2-Dichloroethene	3.96	96	1084470	583.093	ug/L 98
34) Trichloroethene	5.96	95	3268315	1845.761	ug/L 98
46) Tetrachloroethene	8.02	164	717376	423.821	ug/L 98

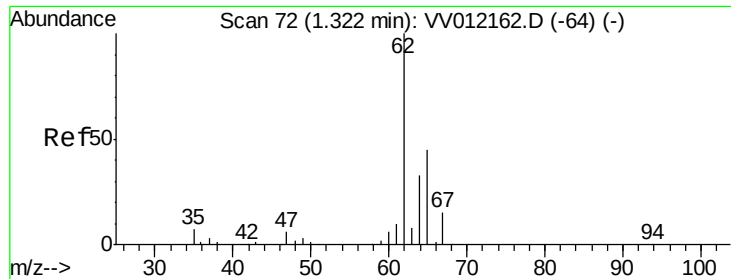
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 330.445 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012170.D

Acq: 10 Aug 2019 00:03

Instrument :

MSVOA_V

ClientSampled :

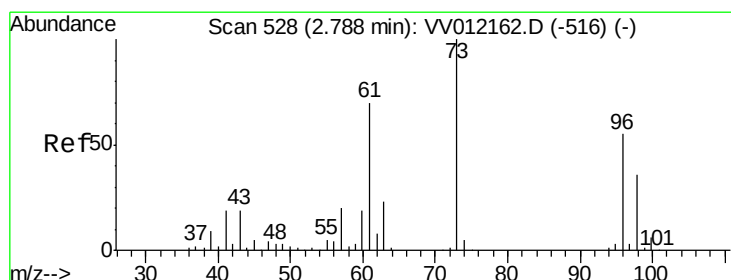
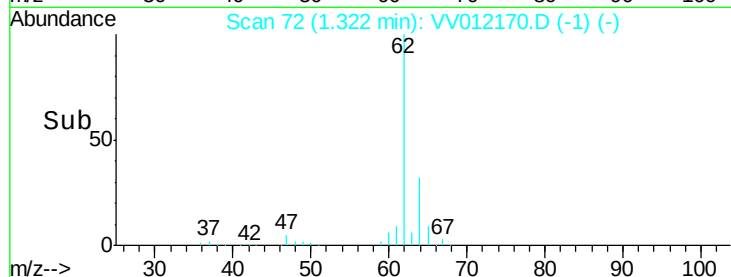
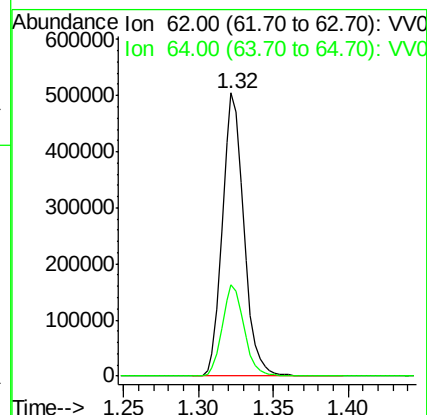
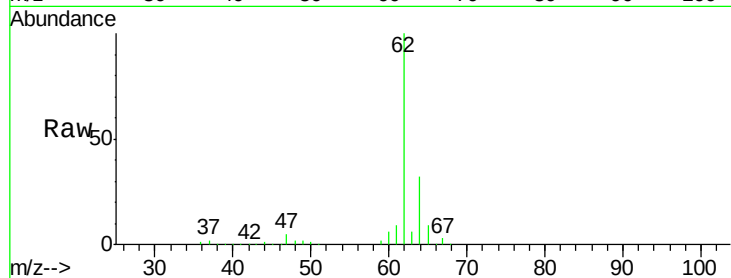
F2B14

Tot Ion: 62 Resp: 505296

Ion Ratio Lower Upper

62 100

64 32.2 23.7 44.1



#17

trans-1,2-Dichloroethene

Concen: 14.981 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV012170.D

Acq: 10 Aug 2019 00:03

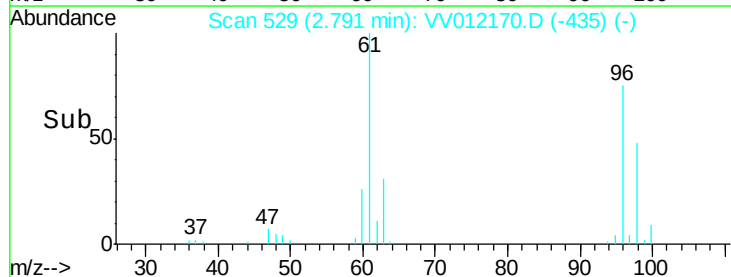
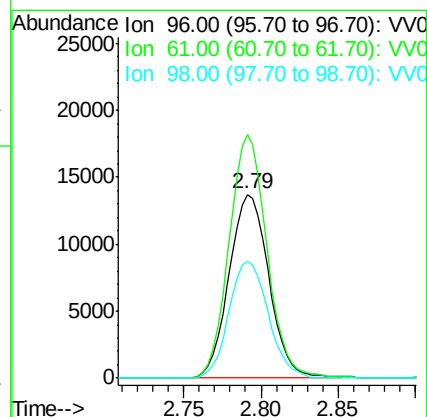
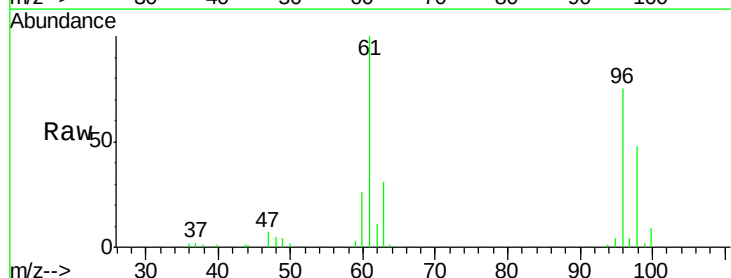
Tgt Ion: 96 Resp: 24525

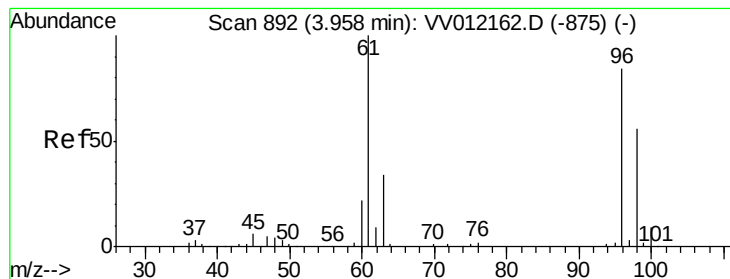
Ion Ratio Lower Upper

96 100

61 132.6 89.3 165.9

98 64.0 44.7 83.1



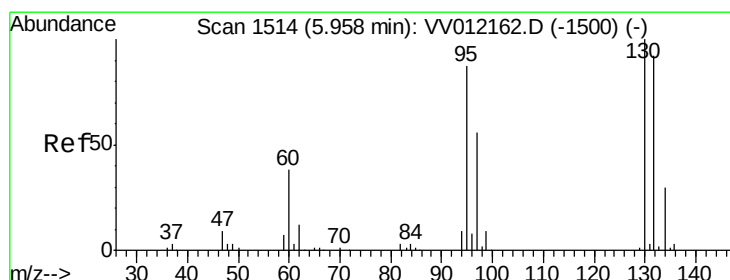
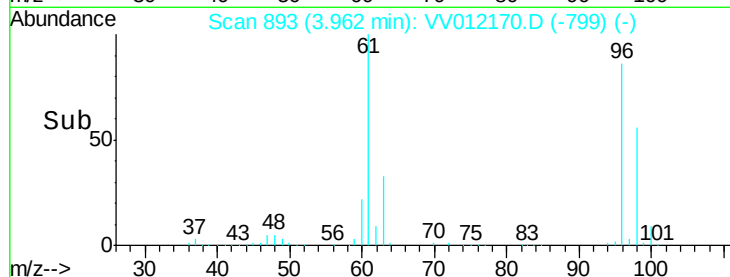
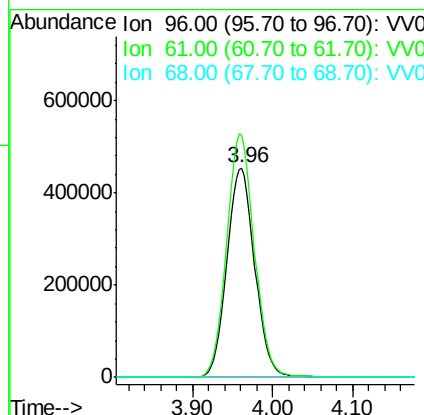
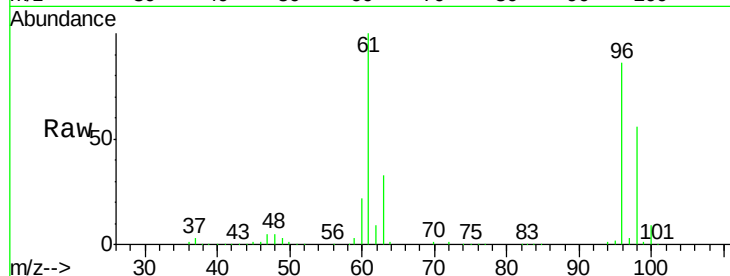


#20

cis-1,2-Dichloroethene
Concen: 583.093 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV012170.D
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F2B14

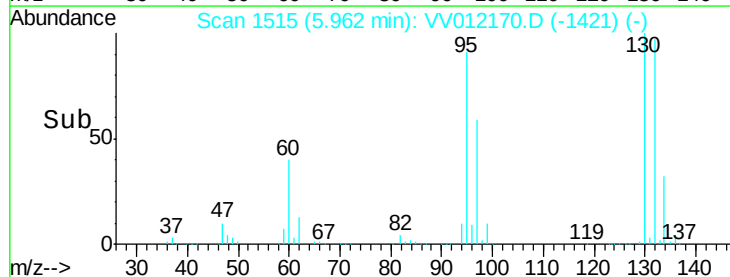
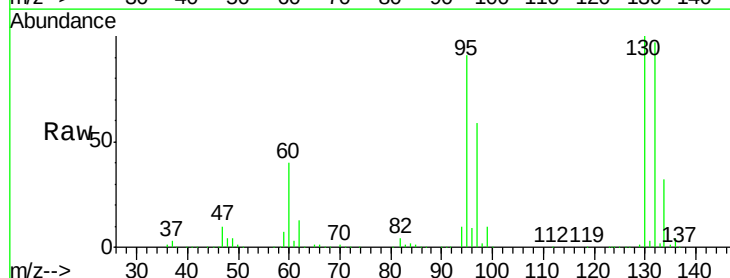
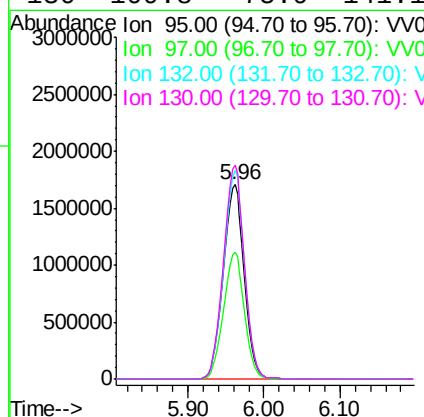
Tot Ion: 96 Resp: 1084470
Ion Ratio Lower Upper
96 100
61 115.7 82.9 153.9
68 0.0 0.0 0.0

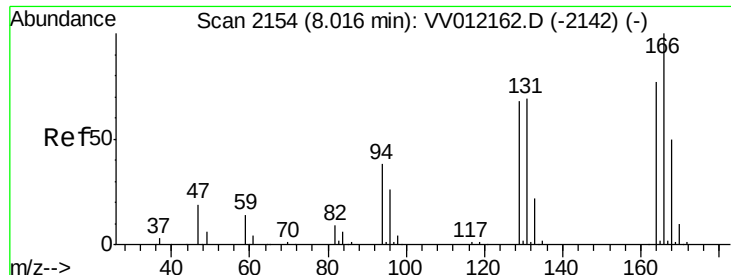


#34

Trichloroethene
Concen: 1845.761 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV012170.D
Acq: 10 Aug 2019 00:03

Tgt Ion: 95 Resp: 3268315
Ion Ratio Lower Upper
95 100
97 65.1 44.7 83.1
132 107.1 72.7 134.9
130 109.8 75.9 141.1





#46

Tetrachloroethene

Concen: 423.821 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012170.D

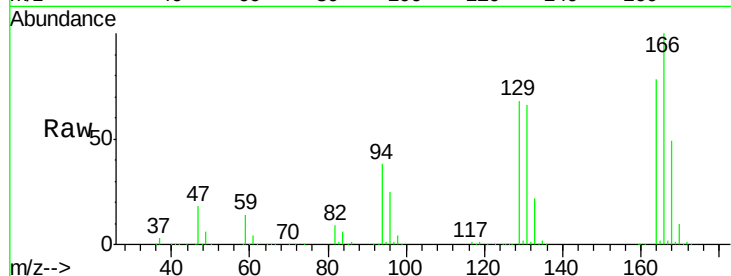
Acq: 10 Aug 2019 00:03

Instrument :

MSVOA_V

ClientSampleId :

F2B14



Tot Ion:164 Resp: 717376

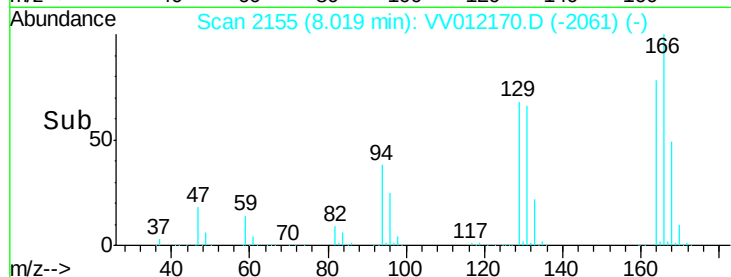
Ion Ratio Lower Upper

164 100

129 86.4 60.6 112.6

131 84.1 59.5 110.5

166 127.9 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

