

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071720\
 Data File : VV071724.D
 Acq On : 17 Jul 2020 14:44
 Operator : SY/MD
 Sample : L3314-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C31

Quant Time: Jul 18 05:09:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 18 05:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	295454	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	275271	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146438	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71227	46.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.62%
7) Chloroethane-d5	1.58	69	66829	61.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.70%
11) 1,1-Dichloroethene-d2	2.12	63	137686	39.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.06%
21) 2-Butanone-d5	3.91	46	95796	91.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.18%
24) Chloroform-d	4.38	84	155669	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
26) 1,2-Dichloroethane-d4	5.06	65	115509	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
32) Benzene-d6	5.08	84	273361	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
36) 1,2-Dichloropropane-d6	6.09	67	87516	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.22%
41) Toluene-d8	7.34	98	285418	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%
43) trans-1,3-Dichloropropene-	7.64	79	47721	47.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.76%
47) 2-Hexanone-d5	8.11	63	72793	103.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	128649	53.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	121112	49.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.92%

Target Compounds

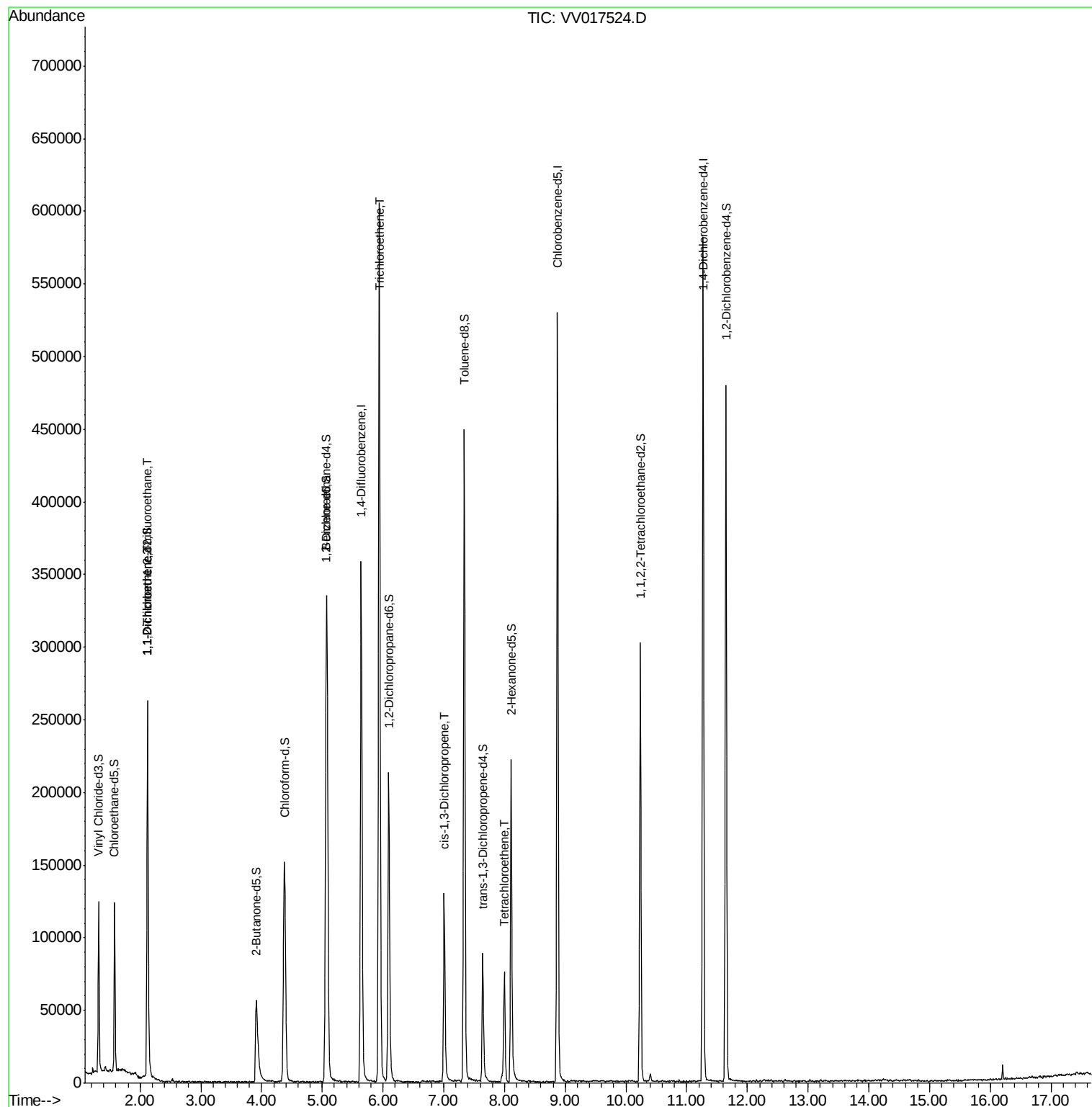
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1302	0.664 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	2889	1.628 ug/L #	1
34) Trichloroethene	5.94	95	201238	93.151 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	3613	1.191 ug/L #	75
46) Tetrachloroethene	8.00	164	17217	9.491 ug/L	98

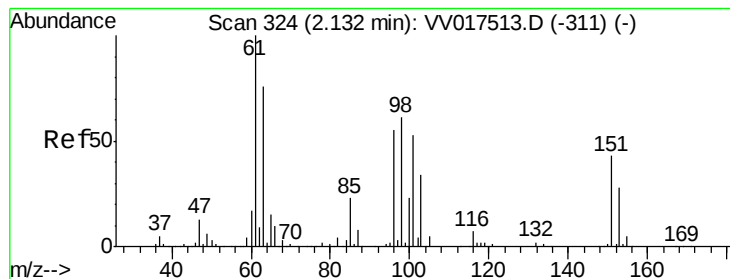
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 18 05:06:25 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.664 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017524.D

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ClientSampleId :

F4C31

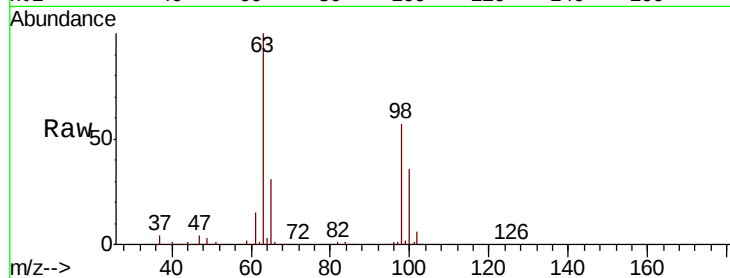
Tot Ion:101 Resp: 1302

Ion Ratio Lower Upper

101 100

85 3.7 36.2 54.4#

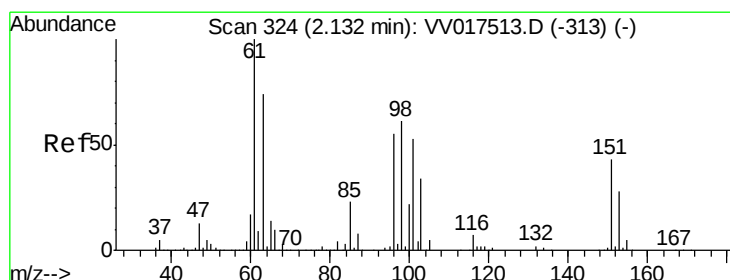
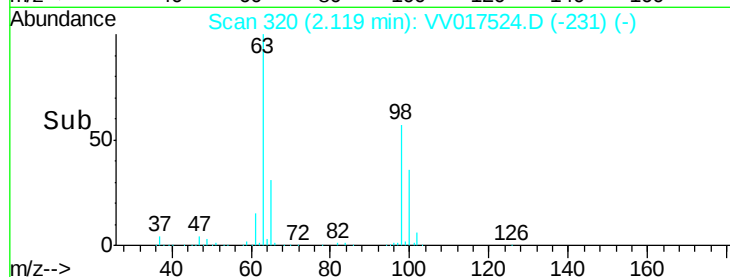
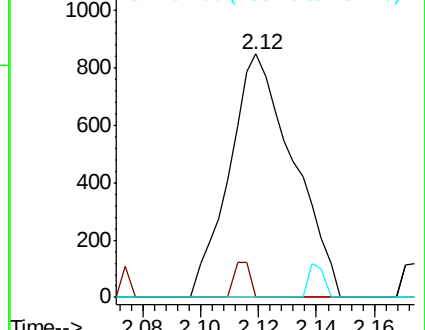
151 3.2 66.8 100.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.628 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017524.D

Acq: 17 Jul 2020 14:44

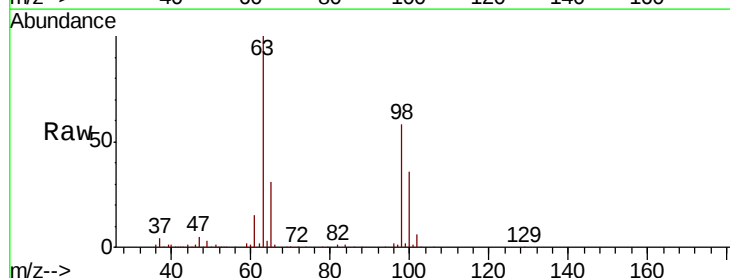
Tgt Ion: 96 Resp: 2889

Ion Ratio Lower Upper

96 100

61 612.9 132.7 246.4#

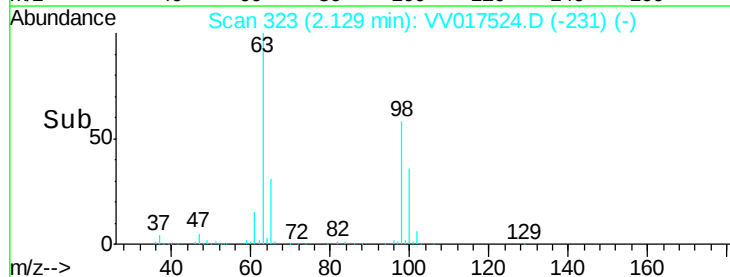
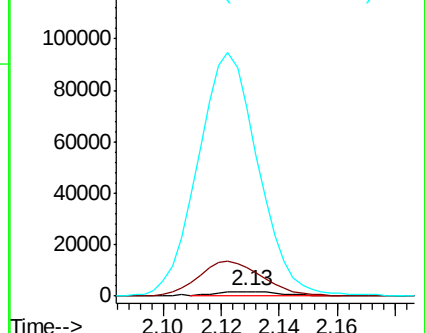
63 4122.4 103.3 191.8#

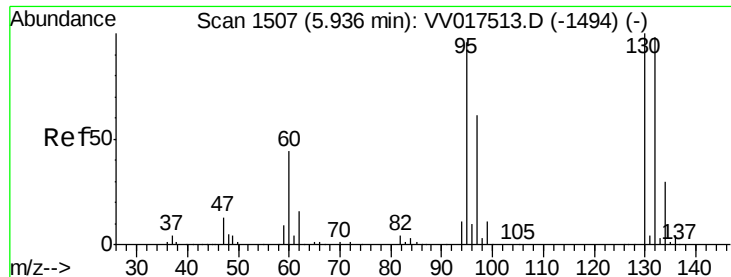


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

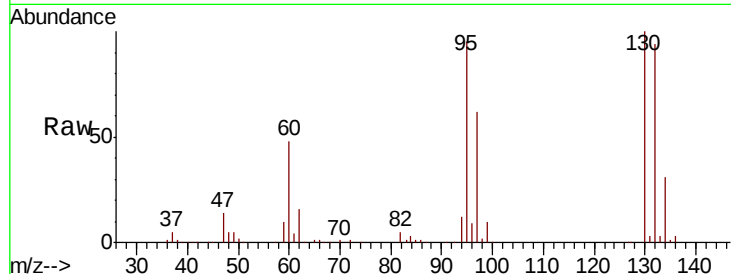




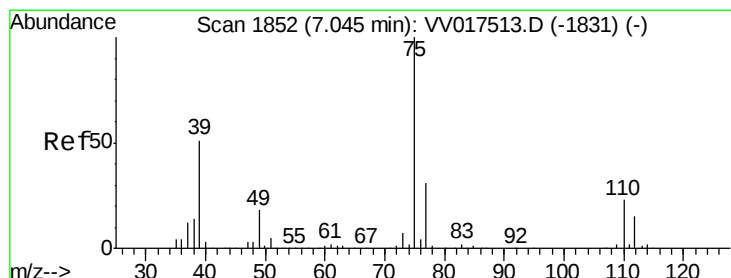
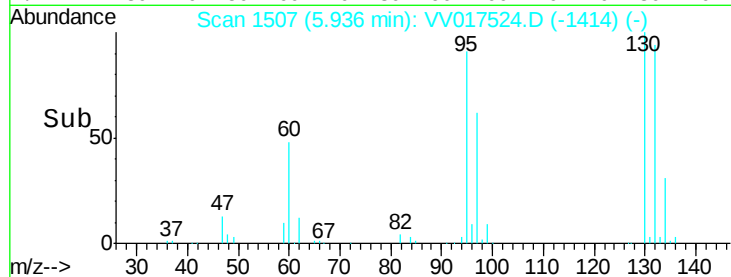
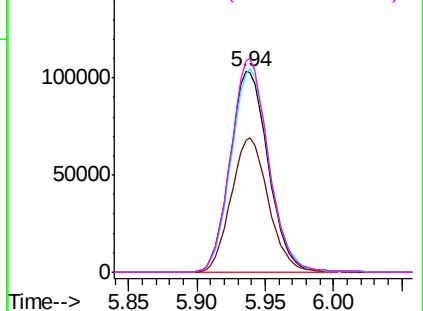
#34
 Trichloroethene
 Concen: 93.151 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV017524.D
 Acq: 17 Jul 2020 14:44

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Tot Ion: 95 Resp: 201238
 Ion Ratio Lower Upper
 95 100
 97 65.6 45.6 84.6
 132 98.6 74.1 137.5
 130 105.1 75.5 140.3

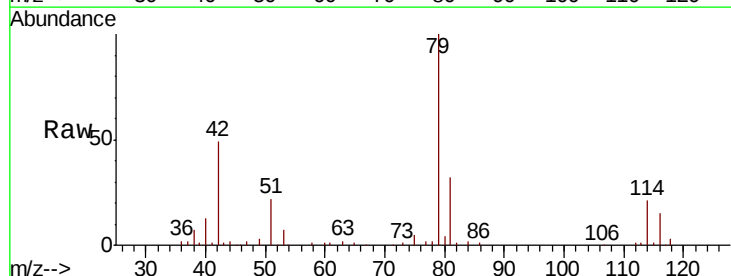


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

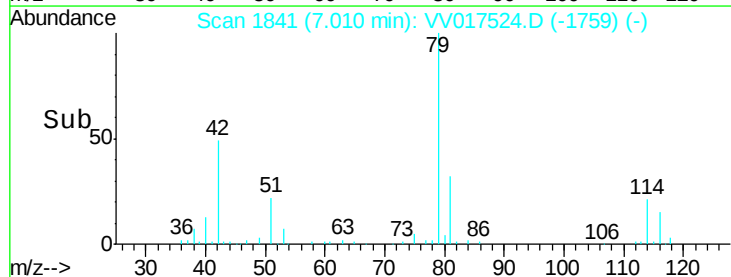
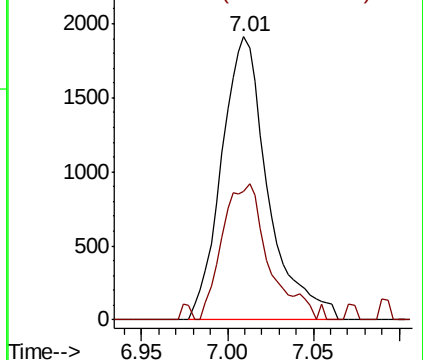


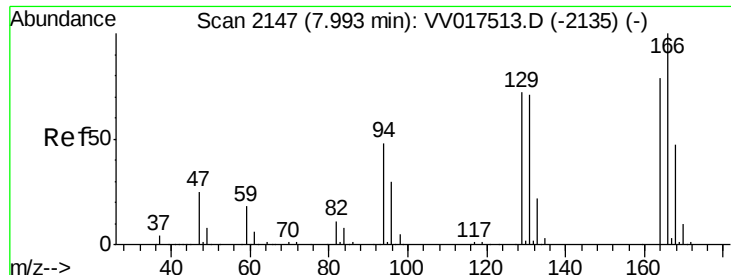
#39
 cis-1,3-Dichloropropene
 Concen: 1.191 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017524.D
 Acq: 17 Jul 2020 14:44

Tgt Ion: 75 Resp: 3613
 Ion Ratio Lower Upper
 75 100
 77 45.6 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 9.491 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017524.D

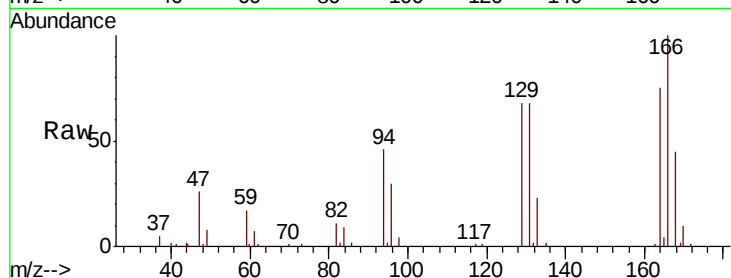
Acq: 17 Jul 2020 14:44

Instrument :

MSVOA_V

ClientSampleId :

F4C31



Tot Ion:164 Resp: 17217

Ion Ratio Lower Upper

164 100

129 91.3 66.6 123.8

131 91.3 65.5 121.7

166 133.8 93.9 174.5

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

