

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038451.D
 Acq On : 31 May 2020 06:37
 Operator : JC/MD
 Sample : L2788-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXB7

Quant Time: Jun 01 08:18:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 06:27:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	315163	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	306607	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145676	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92797	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.93	69	77383	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.59	63	134618	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.67	46	352864	56.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.90%
24) Chloroform-d	5.10	84	190652	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.74	65	114282	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.76	84	381033	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.72	67	118107	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.92	98	317064	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.20	79	46586	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.65	63	302890	60.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105480	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	128863	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

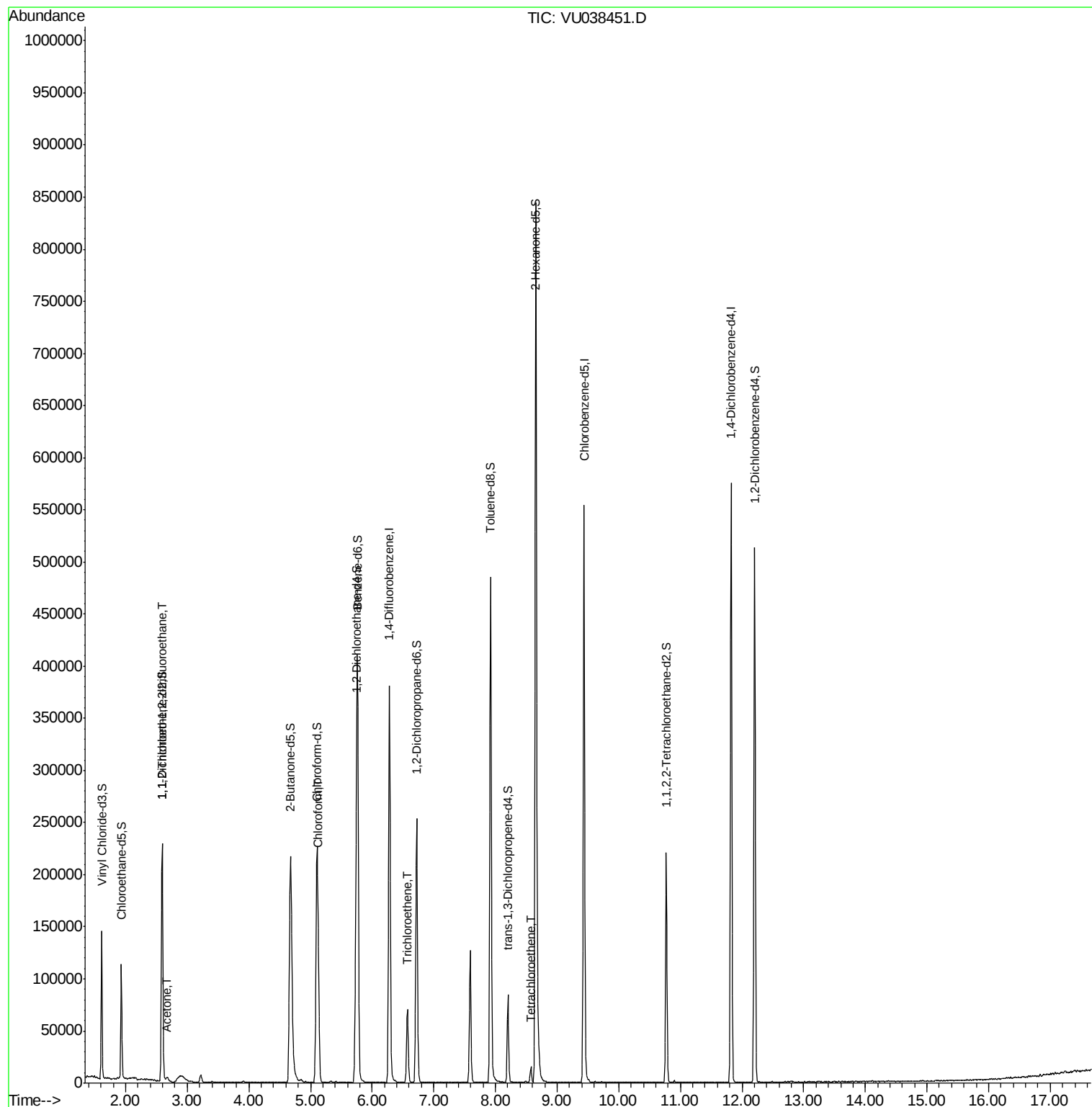
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2511	0.131 ug/L	# 54
13) Acetone	2.67	43	7782	1.919 ug/L	97
25) Chloroform	5.13	83	77977	2.051 ug/L	97
34) Trichloroethene	6.57	95	24086	1.085 ug/L	97
47) Tetrachloroethene	8.58	164	3504	0.217 ug/L	92

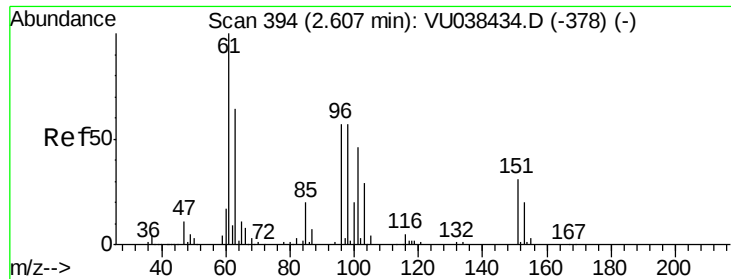
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.131 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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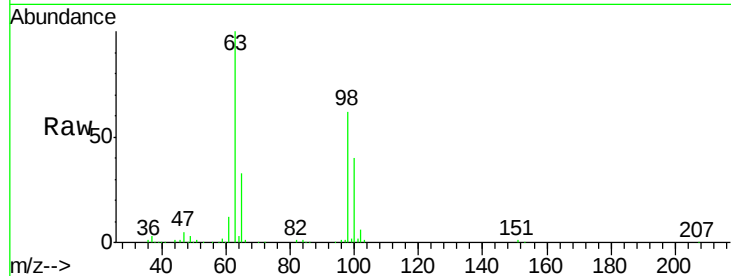
Tot Ion:101 Resp: 2511

Ion Ratio Lower Upper

101 100

85 18.5 34.0 51.0#

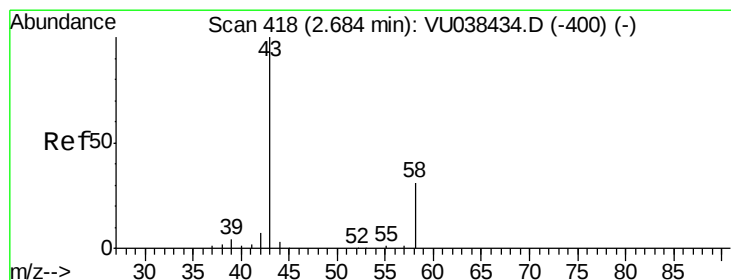
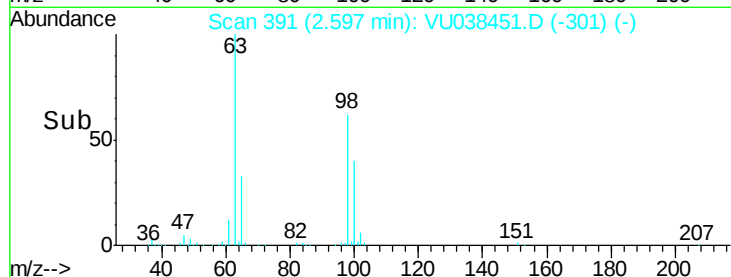
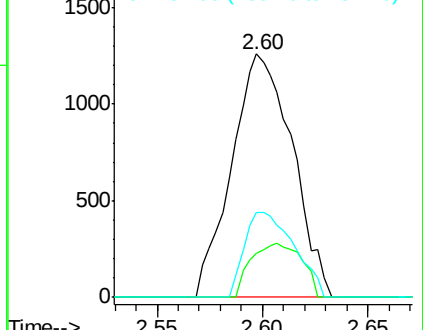
151 28.6 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.919 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038451.D

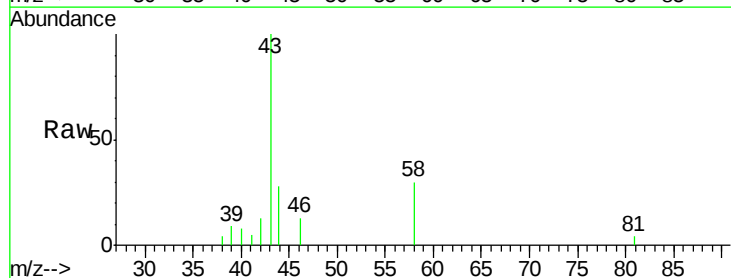
Acq: 31 May 2020 06:37

Tgt Ion: 43 Resp: 7782

Ion Ratio Lower Upper

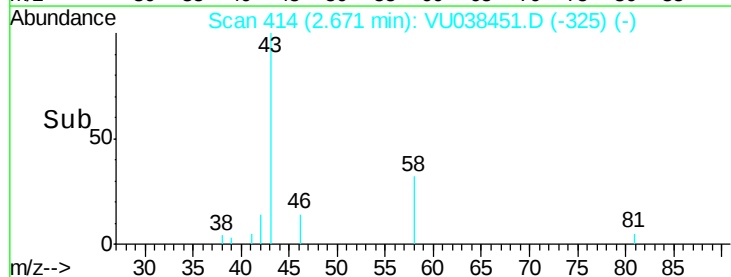
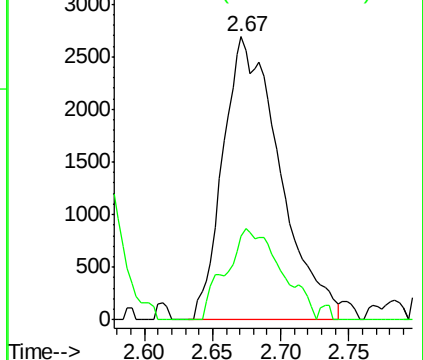
43 100

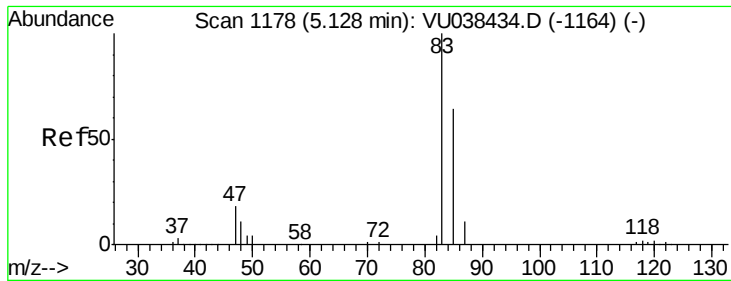
58 31.3 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#25

Chloroform

Concen: 2.051 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

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ClientSampleId :

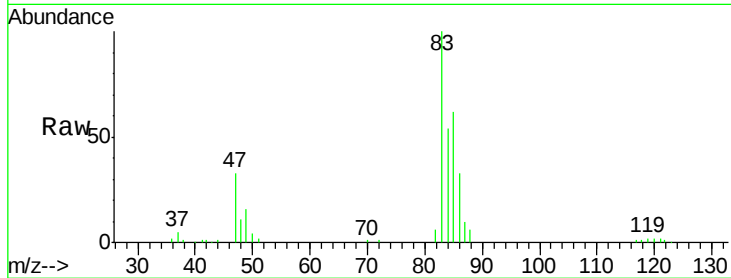
BFXB7

Tot Ion: 83 Resp: 77977

Ion Ratio Lower Upper

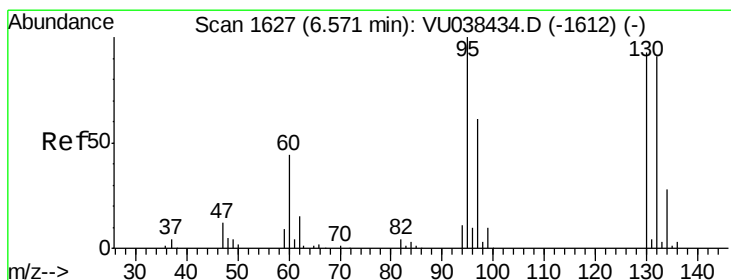
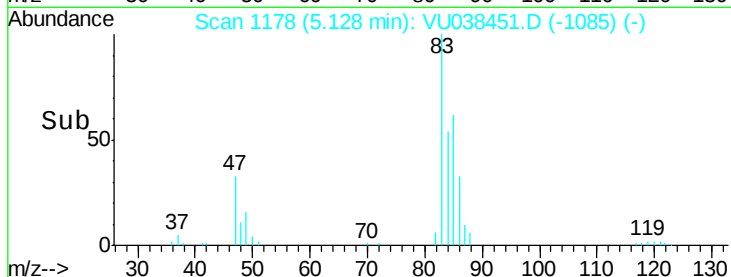
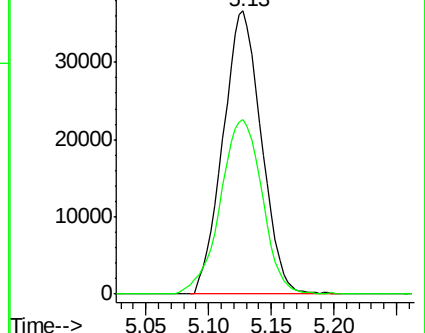
83 100

85 61.6 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU038434.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU038434.D (-1164) (-)



#34

Trichloroethene

Concen: 1.085 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038451.D

Acq: 31 May 2020 06:37

Tgt Ion: 95 Resp: 24086

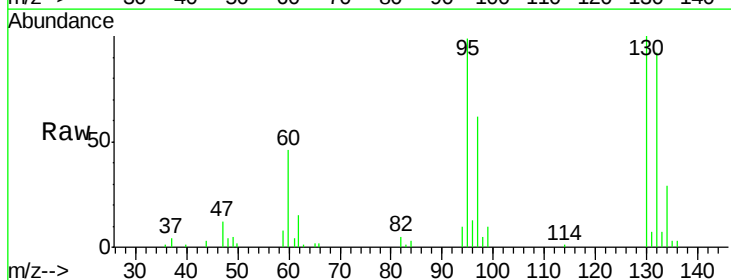
Ion Ratio Lower Upper

95 100

97 62.1 46.8 87.0

132 92.3 66.1 122.7

130 100.7 70.0 130.0

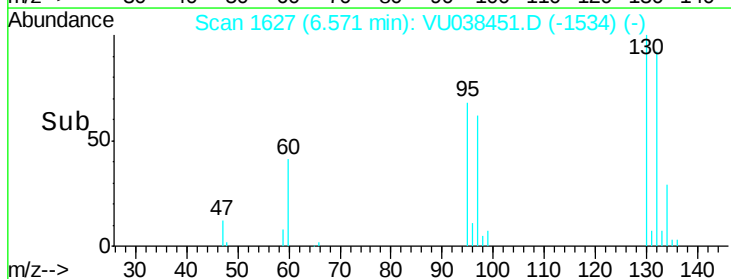
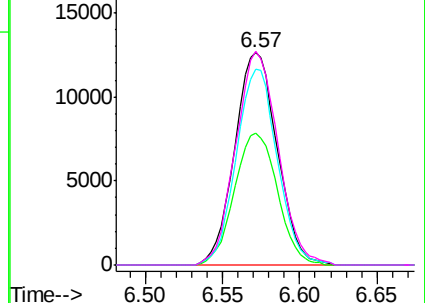


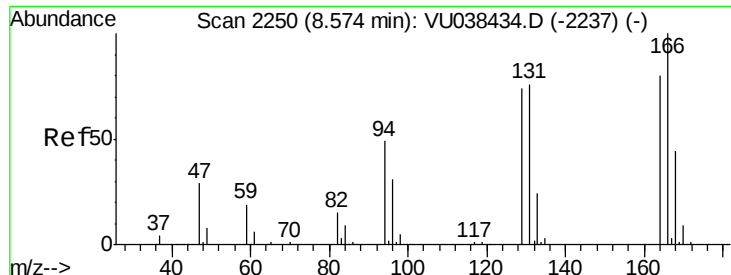
Abundance Ion 95.00 (94.70 to 95.70): VU038434.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU038434.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU038434.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU038434.D (-1612) (-)





#47

Tetrachloroethene

Concen: 0.217 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU038451.D

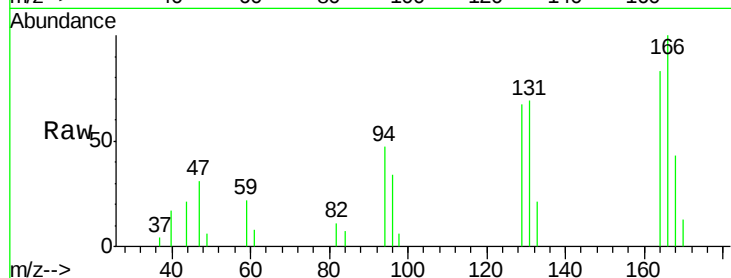
Acq: 31 May 2020 06:37

Instrument :

MSVOA_U

ClientSampleId :

BFXB7



Tot Ion:164 Resp: 3504

Ion Ratio Lower Upper

164 100

129 81.1 67.4 125.2

131 83.5 64.1 119.1

166 120.3 85.7 159.1

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

