

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040431.D
 Acq On : 01 Oct 2020 19:55
 Operator : SY/MD
 Sample : L4202-01DL2 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB4DL2

Quant Time: Oct 02 05:37:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 05:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119306	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122384	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53674	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23946	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.92	69	24542	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.58	63	40798	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.65	46	159475	54.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.70%
24) Chloroform-d	5.08	84	66047	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.72	65	43264	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.74	84	115426	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.70	67	43480	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.91	98	88964	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.19	79	16357	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.64	63	109740	50.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43029	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	43610	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

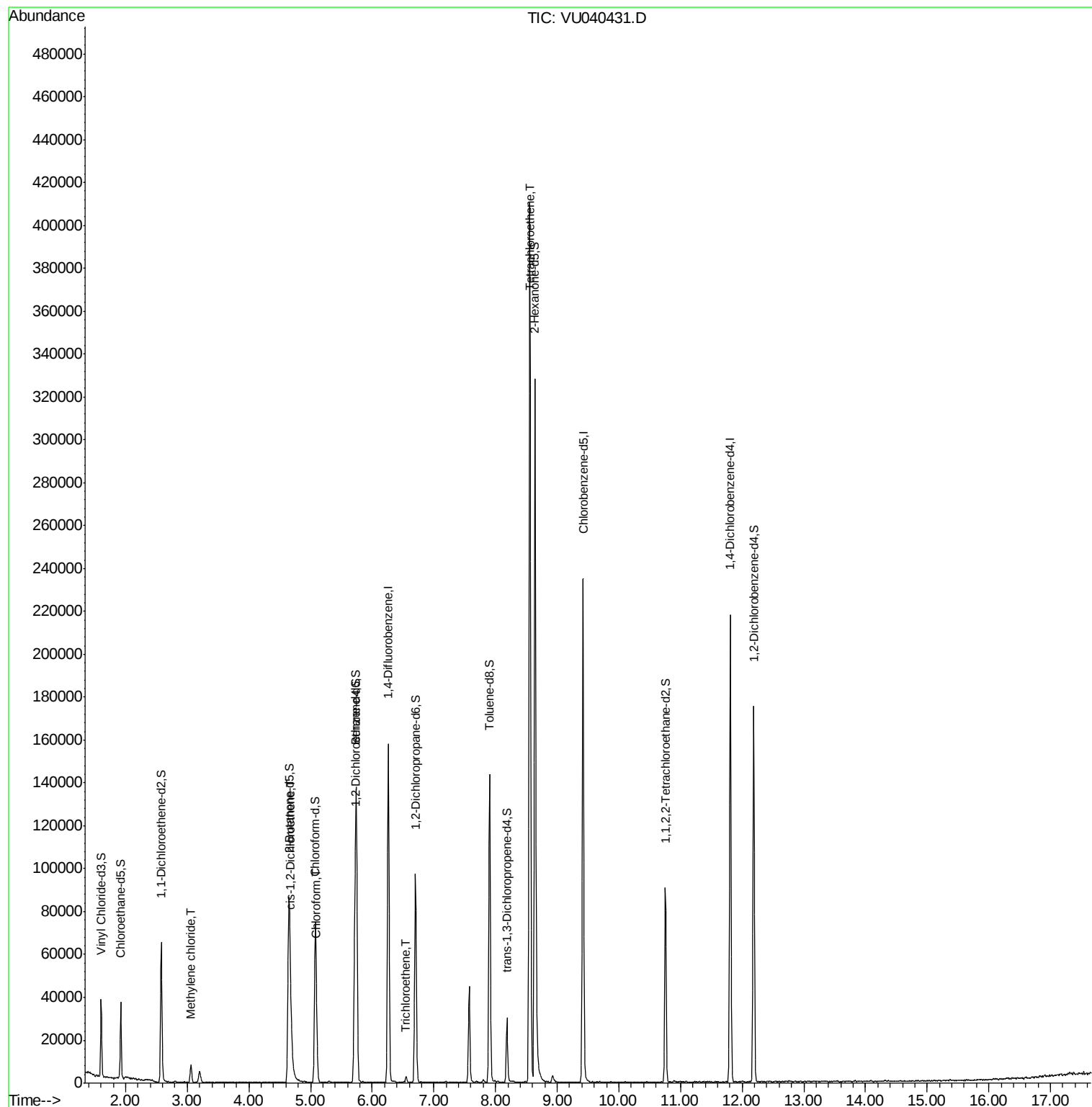
					Ovalue
16) Methylene chloride	3.06	84	3458	0.303 ug/L	90
22) cis-1,2-Dichloroethene	4.68	96	1751	0.168 ug/L	100
25) Chloroform	5.11	83	4129	0.210 ug/L	80
34) Trichloroethene	6.56	95	778	0.071 ug/L #	75
47) Tetrachloroethene	8.56	164	84869	10.973 ug/L	97

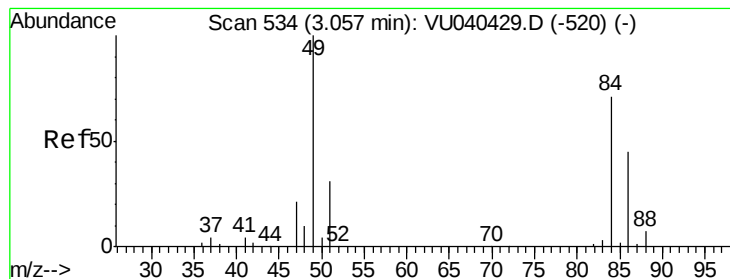
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.303 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.01 min

Lab File: VU040431.D

Acq: 01 Oct 2020 19:55

Instrument :

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ClientSampleId :

BFSB4DL2

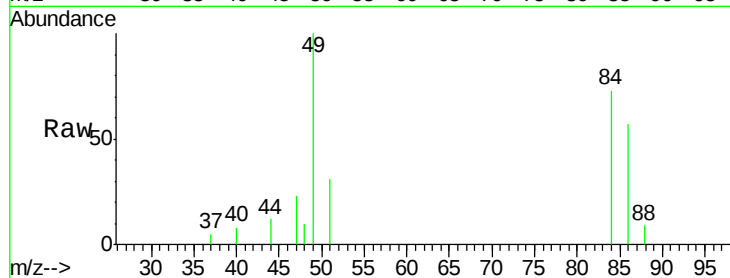
Tot Ion: 84 Resp: 3458

Ion Ratio Lower Upper

84 100

86 78.2 44.4 82.5

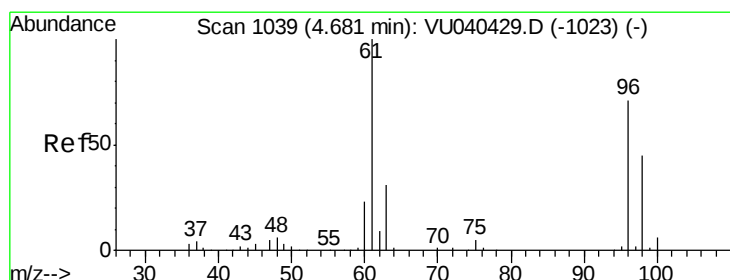
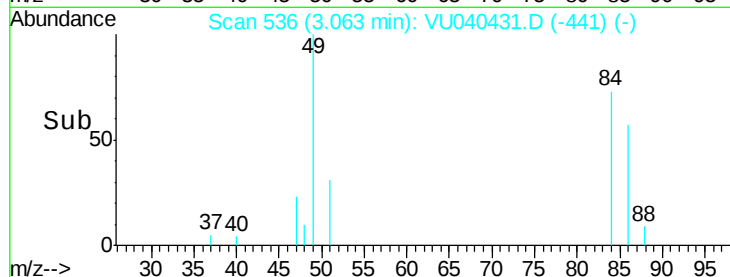
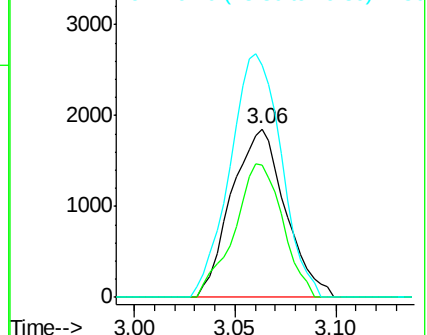
49 137.8 92.2 171.2



Abundance Ion 84.05 (83.75 to 84.75): VU040431.D (-441) (-)

Ion 86.00 (85.70 to 86.70): VU040431.D (-441) (-)

Ion 49.10 (48.80 to 49.80): VU040431.D (-441) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.168 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU040431.D

Acq: 01 Oct 2020 19:55

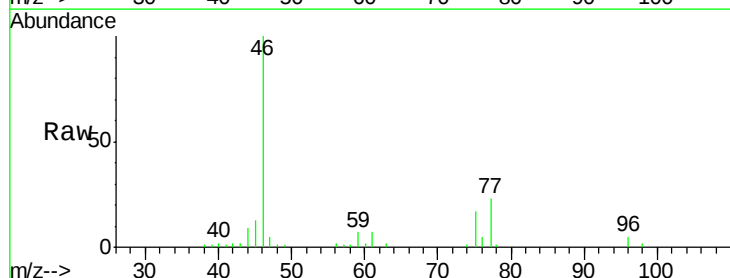
Tgt Ion: 96 Resp: 1751

Ion Ratio Lower Upper

96 100

61 141.7 99.3 184.5

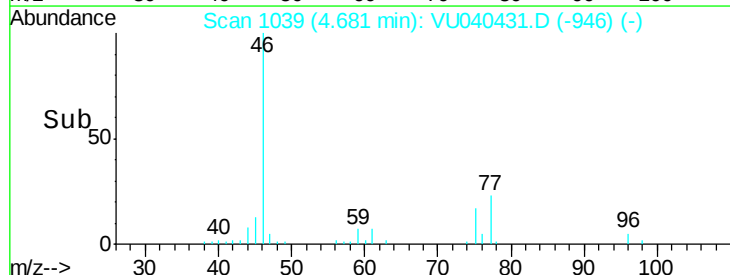
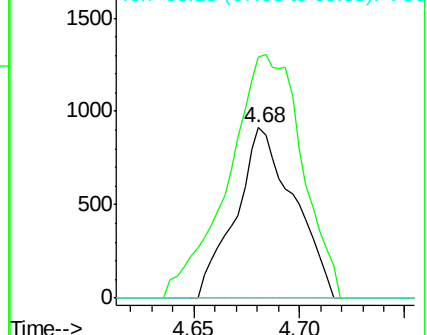
68 0.0 0.0 0.0

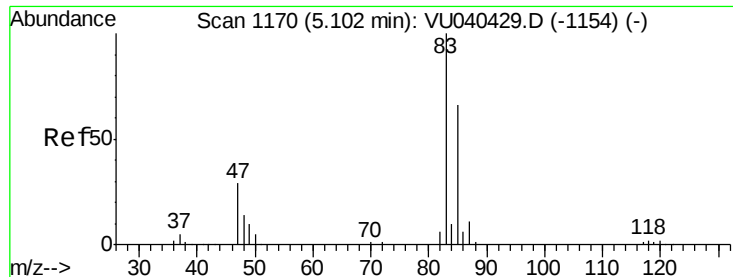


Abundance Ion 96.00 (95.70 to 96.70): VU040431.D (-946) (-)

Ion 61.05 (60.75 to 61.75): VU040431.D (-946) (-)

Ion 68.15 (67.85 to 68.85): VU040431.D (-946) (-)

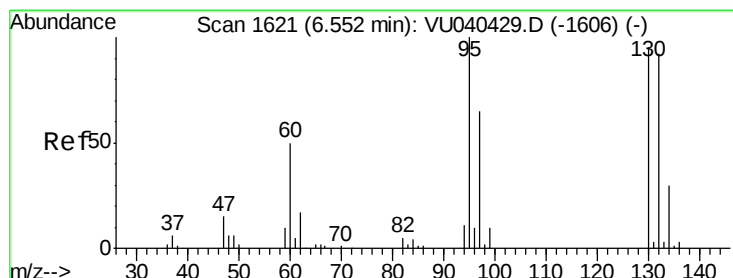
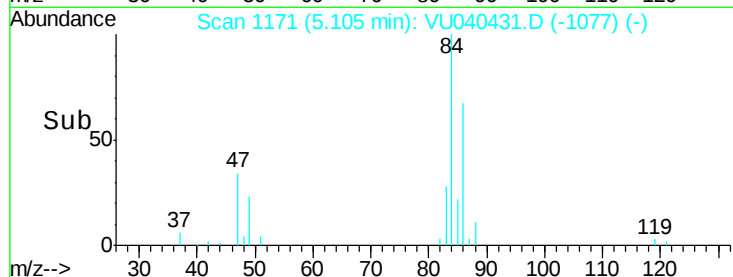
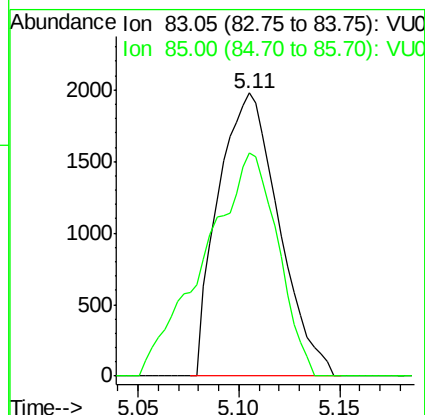
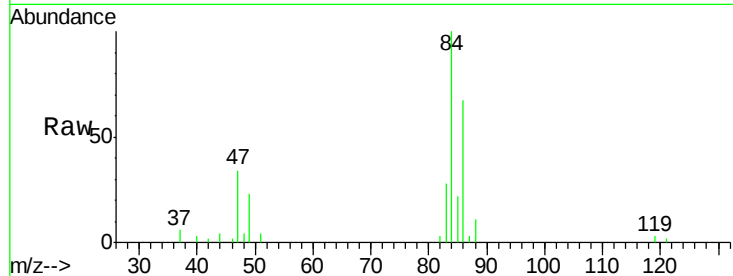




#25
Chloroform
Concen: 0.210 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040431.D
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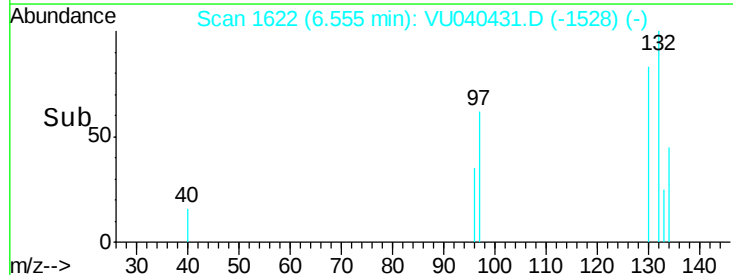
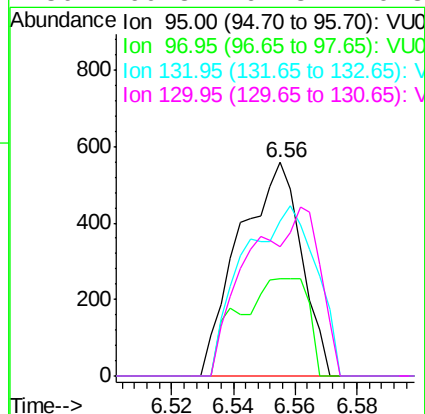
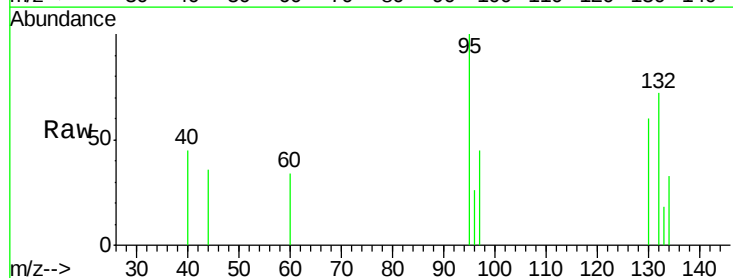
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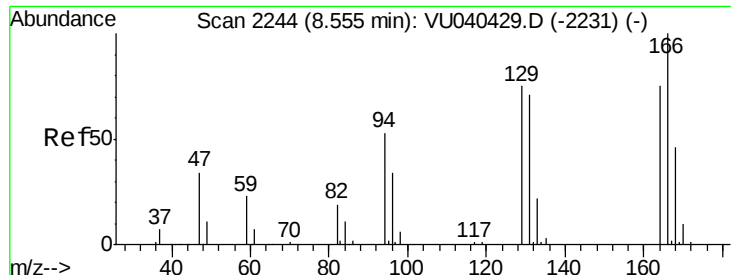
Tot Ion: 83 Resp: 4129
Ion Ratio Lower Upper
83 100
85 79.1 44.6 82.8



#34
Trichloroethene
Concen: 0.071 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040431.D
Acq: 01 Oct 2020 19:55

Tgt Ion: 95 Resp: 778
Ion Ratio Lower Upper
95 100
97 45.3 46.3 85.9#
132 72.5 60.5 112.3
130 60.3 64.3 119.3#





#47

Tetrachloroethene

Concen: 10.973 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU040431.D

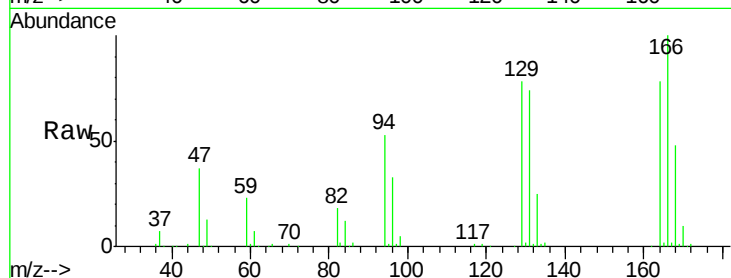
Acq: 01 Oct 2020 19:55

Instrument :

MSVOA_U

ClientSampleId :

BFSB4DL2



Tot Ion:164 Resp: 84869

Ion Ratio Lower Upper

164 100

129 99.0 70.3 130.7

131 93.9 69.2 128.6

166 127.5 91.1 169.3

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

