

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\U111518\
 Data File : VU028164.D
 Acq On : 15 Nov 2018 11:21
 Operator : MD/SY
 Sample : J5943-02DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FG5DL

Quant Time: Nov 16 12:38:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 00:43:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	128497	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124166	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54753	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44080	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.68	69	37718	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.28	63	64948	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.19	46	158655	51.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	4.65	84	79744	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.31	65	45928	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.34	84	162932	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.33	67	60776	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.57	98	142448	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.85	79	17482	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.31	63	118907	45.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41746	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	48585	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

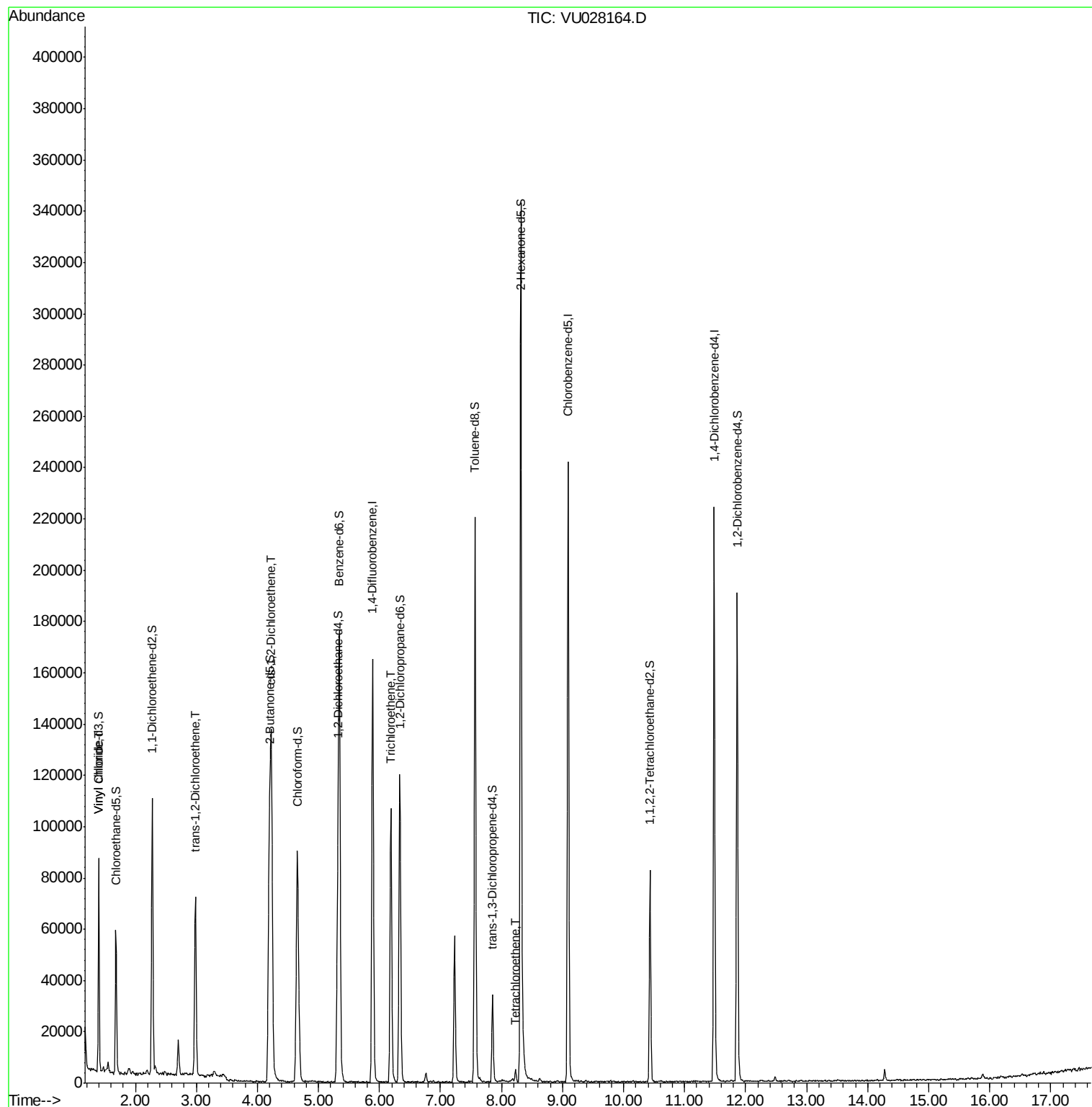
					Ovalue
5) Vinyl chloride	1.40	62	9977	0.725 ug/L	95
18) trans-1,2-Dichloroethene	2.98	96	24118	2.655 ug/L	96
22) cis-1,2-Dichloroethene	4.23	96	59889	5.980 ug/L	98
34) Trichloroethene	6.19	95	38003	3.676 ug/L	96
47) Tetrachloroethene	8.23	164	1063	0.126 ug/L	96

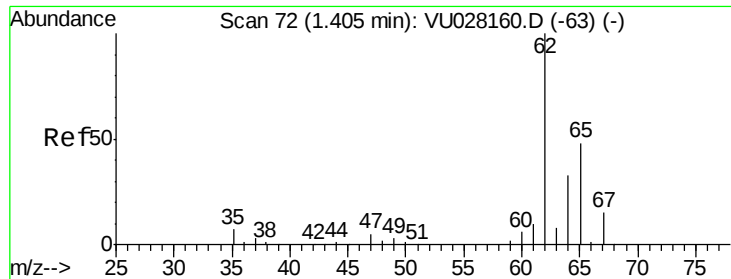
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.725 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

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Acq: 15 Nov 2018 11:21

Instrument :

MSVOA_U

ClientSampled :

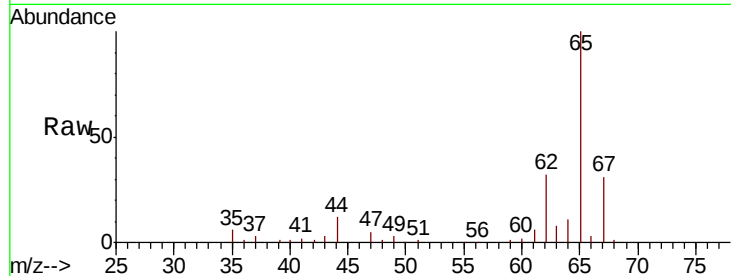
H0FG5DL

Tot Ion: 62 Resp: 9977

Ion Ratio Lower Upper

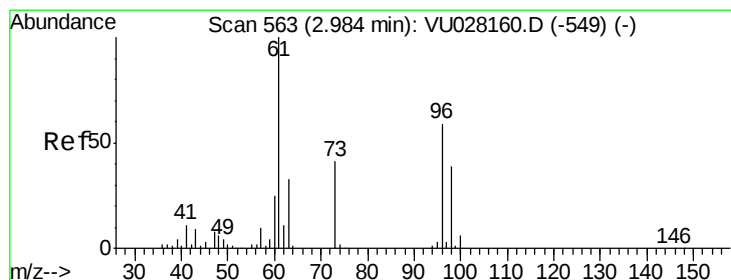
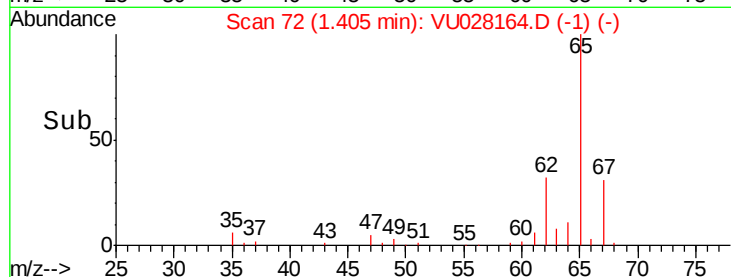
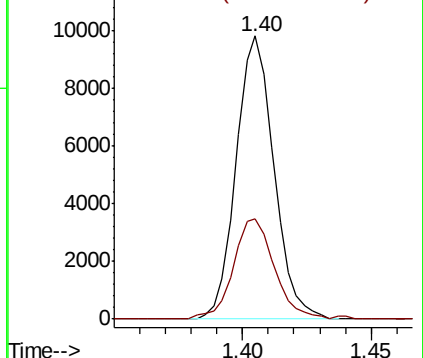
62 100

64 35.5 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 2.655 ug/L

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028164.D

Acq: 15 Nov 2018 11:21

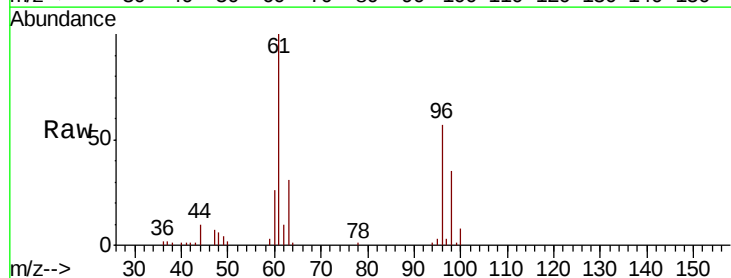
Tgt Ion: 96 Resp: 24118

Ion Ratio Lower Upper

96 100

61 175.1 118.5 220.1

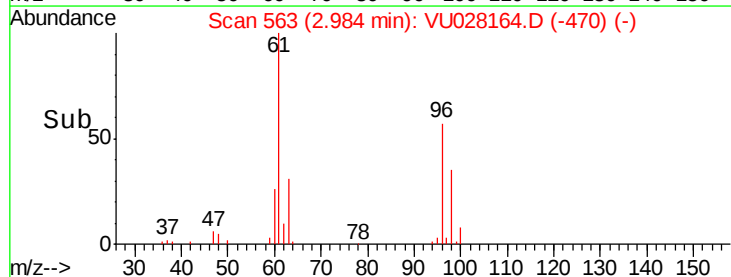
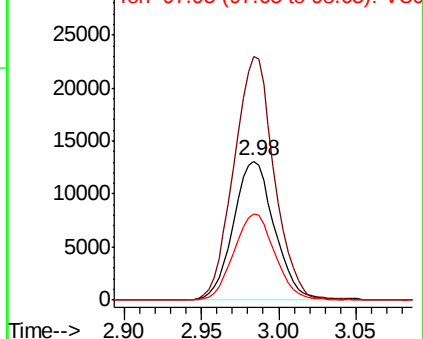
98 62.1 44.9 83.5

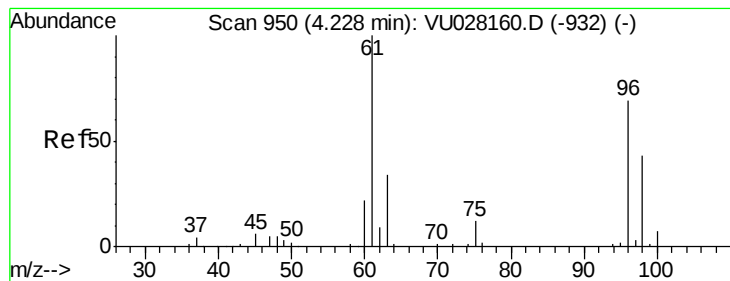


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 5.980 ug/L

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

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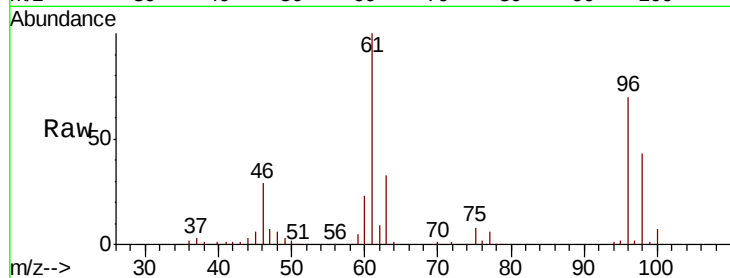
Tot Ion: 96 Resp: 59889

Ion Ratio Lower Upper

96 100

61 143.5 101.8 189.0

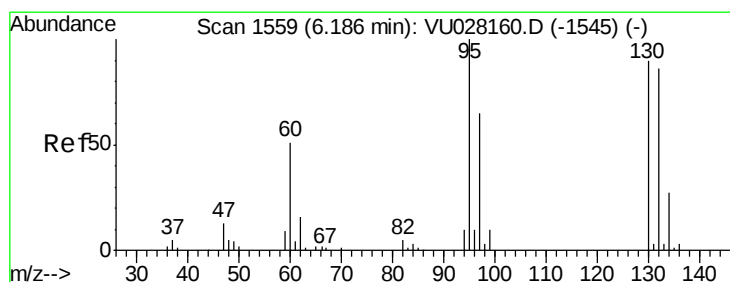
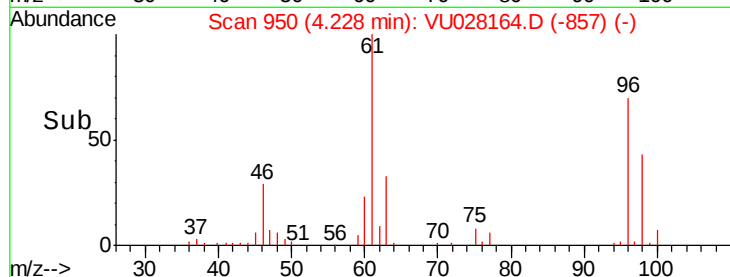
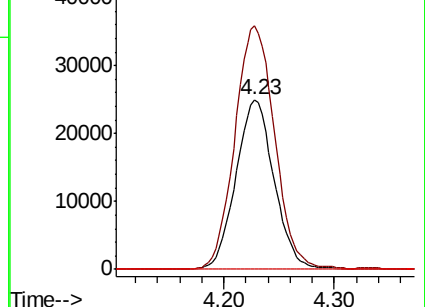
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene

Concen: 3.676 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028164.D

Acq: 15 Nov 2018 11:21

Tgt Ion: 95 Resp: 38003

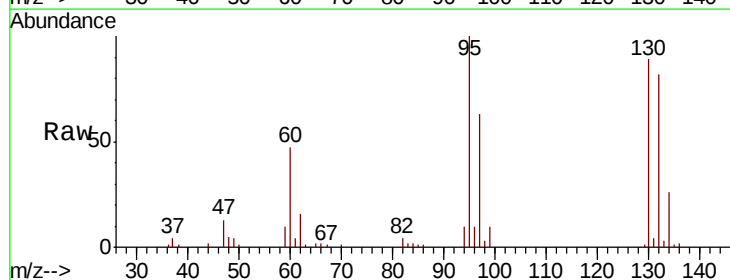
Ion Ratio Lower Upper

95 100

97 63.3 45.3 84.1

132 82.2 63.0 117.0

130 89.4 63.6 118.2

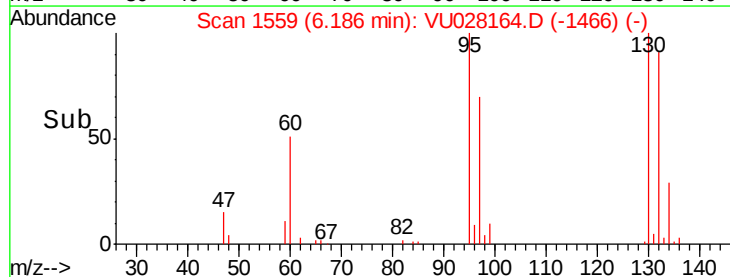
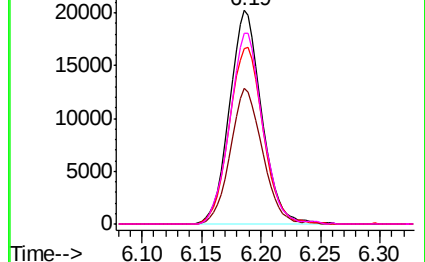


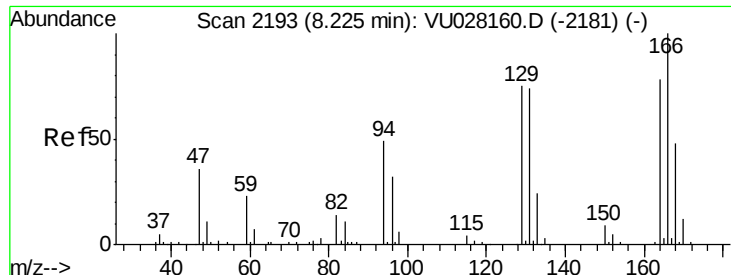
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 0.126 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VU028164.D

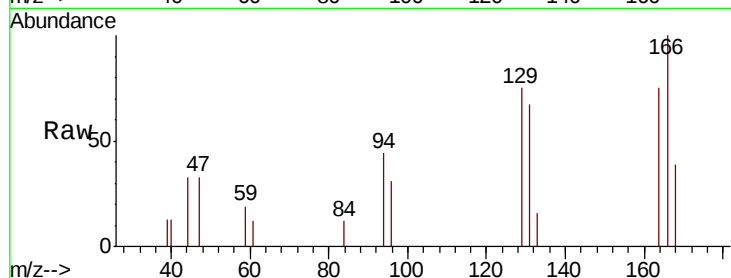
Acq: 15 Nov 2018 11:21

Instrument :

MSVOA_U

ClientSampleId :

H0FG5DL



Tot Ion:164 Resp: 1063

Ion Ratio Lower Upper

164 100

129 99.1 69.7 129.4

131 89.8 64.0 118.8

166 133.0 86.4 160.4

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

