

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112018\
 Data File : VU028287.D
 Acq On : 20 Nov 2018 18:57
 Operator : MD/SY
 Sample : J5995-17DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FN9DL

Quant Time: Nov 21 07:30:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 07:07:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	127511	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	120152	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	51526	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38102	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.68	69	37495	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.28	63	58193	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.20	46	175595	54.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.38%
24) Chloroform-d	4.65	84	84206	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.31	65	49435	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.34	84	158912	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.33	67	62812	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.57	98	128277	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.85	79	18228	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.31	63	126391	52.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	48168	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	50862	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

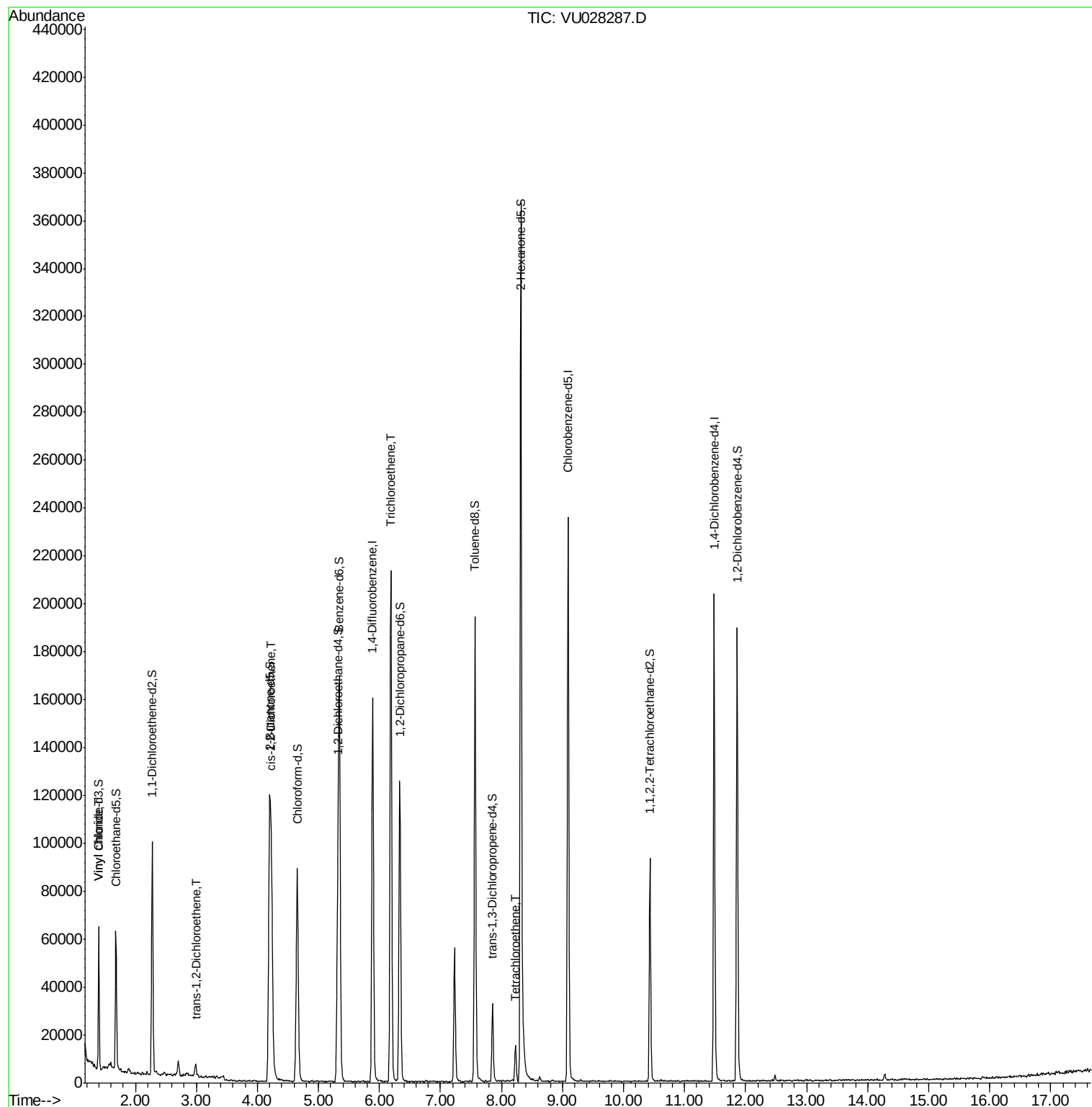
					Qvalue
5) Vinyl chloride	1.41	62	1634	0.13 ug/L	# 33
18) trans-1,2-Dichloroethene	2.98	96	1734	0.21 ug/L	80
22) cis-1,2-Dichloroethene	4.23	96	35982	3.64 ug/L	93
34) Trichloroethene	6.19	95	76619	7.89 ug/L	97
47) Tetrachloroethene	8.23	164	3397	0.50 ug/L	95

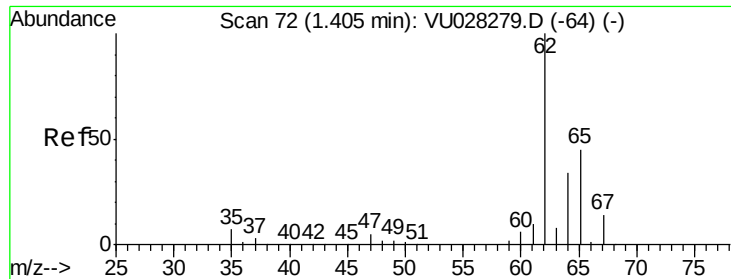
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.13 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028287.D

Acq: 20 Nov 2018 18:57

Instrument :

MSVOA_U

ClientSampleId :

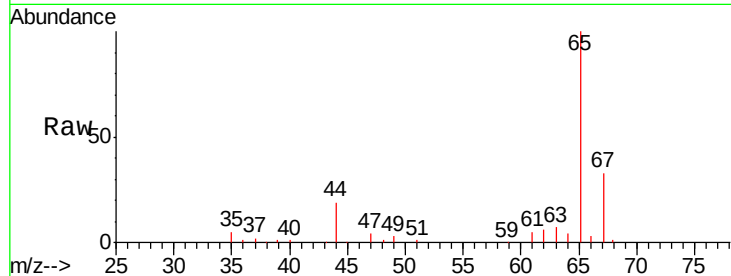
H0FN9DL

Tgt Ion: 62 Resp: 1634

Ion Ratio Lower Upper

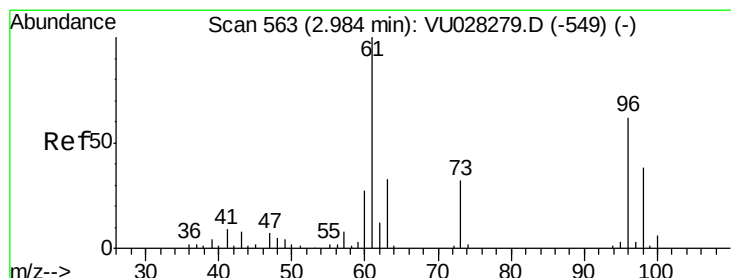
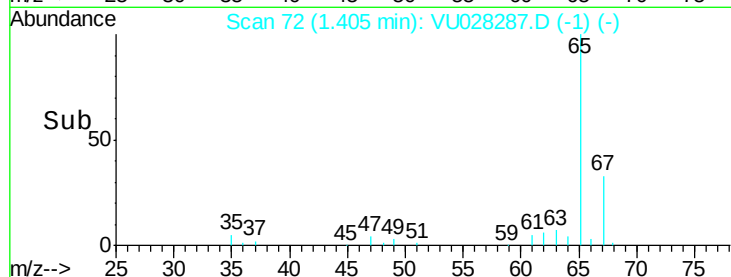
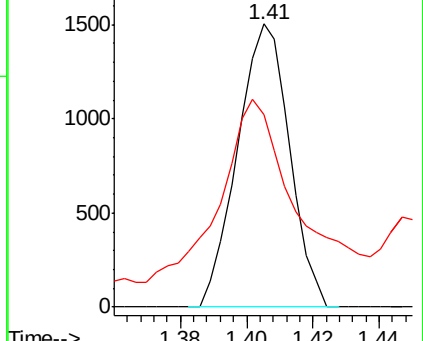
62 100

64 67.9 21.7 40.3#



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: 0.21 ug/L

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028287.D

Acq: 20 Nov 2018 18:57

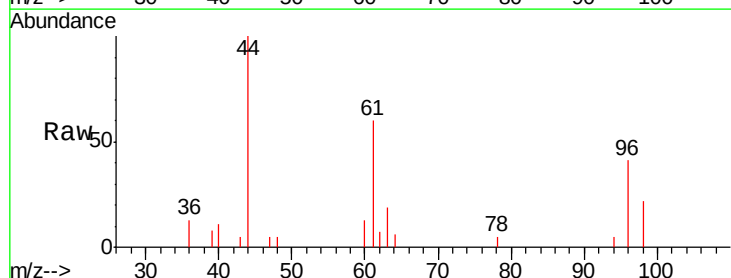
Tgt Ion: 96 Resp: 1734

Ion Ratio Lower Upper

96 100

61 144.2 122.2 227.0

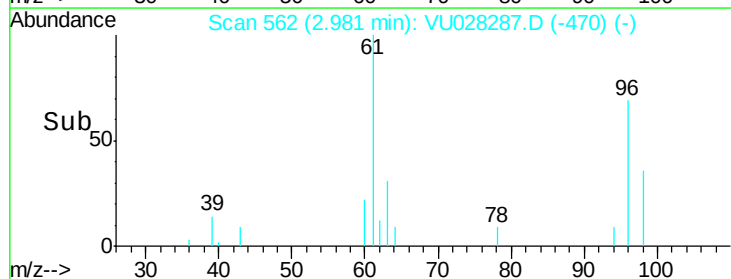
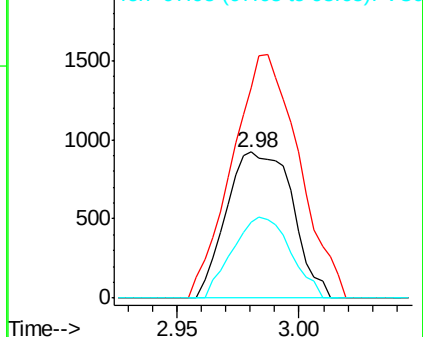
98 52.1 44.9 83.5

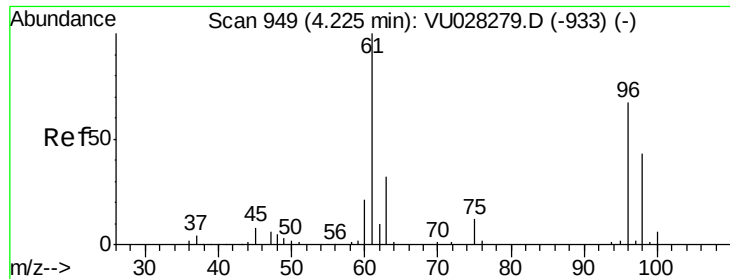


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



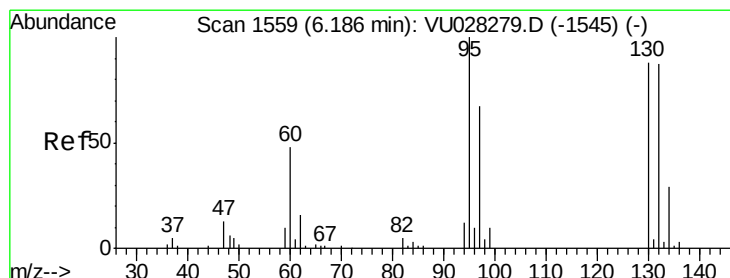
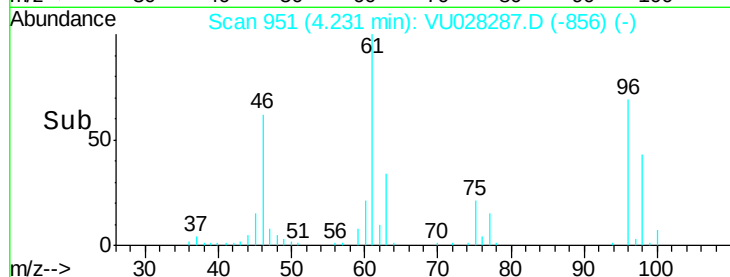
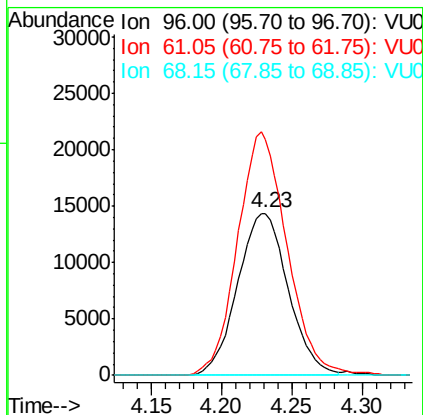
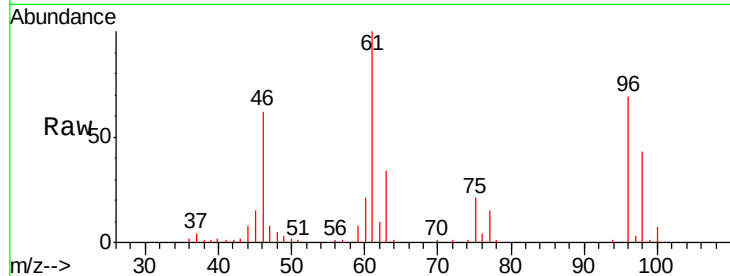


#22

cis-1,2-Dichloroethene
Concen: 3.64 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.01 min
Lab File: VU028287.D
Acq: 20 Nov 2018 18:57

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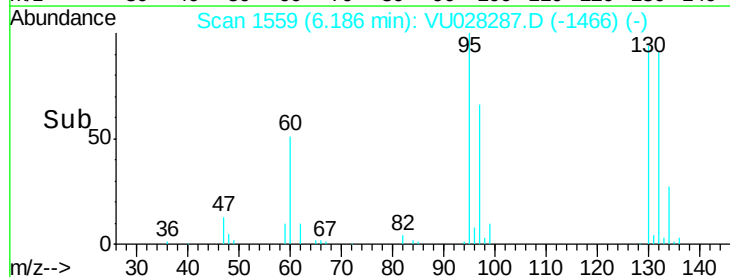
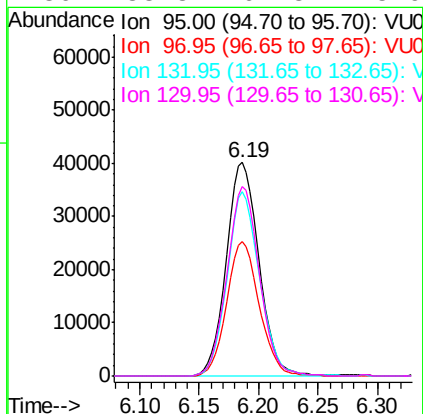
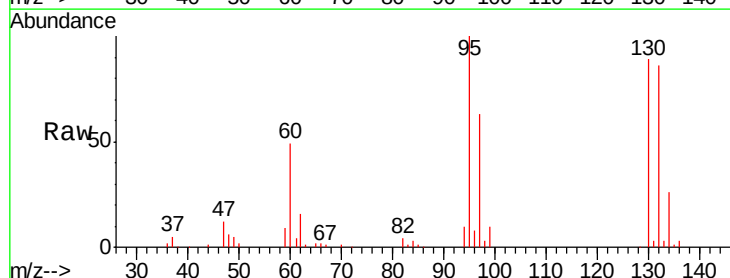
Tgt Ion: 96 Resp: 35982
Ion Ratio Lower Upper
96 100
61 145.1 108.0 200.6
68 0.0 0.0 0.0

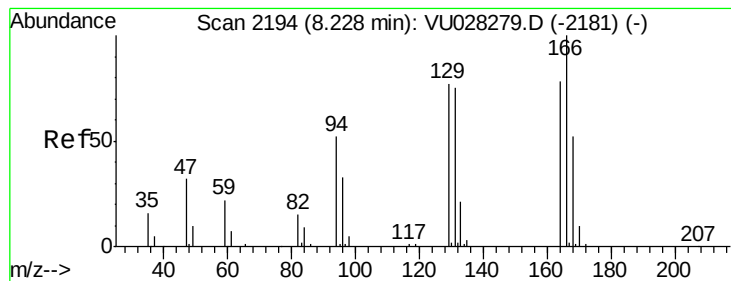


#34

Trichloroethene
Concen: 7.89 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028287.D
Acq: 20 Nov 2018 18:57

Tgt Ion: 95 Resp: 76619
Ion Ratio Lower Upper
95 100
97 62.8 46.5 86.3
132 86.4 58.9 109.3
130 88.8 61.3 113.9





#47

Tetrachloroethene

Concen: 0.50 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU028287.D

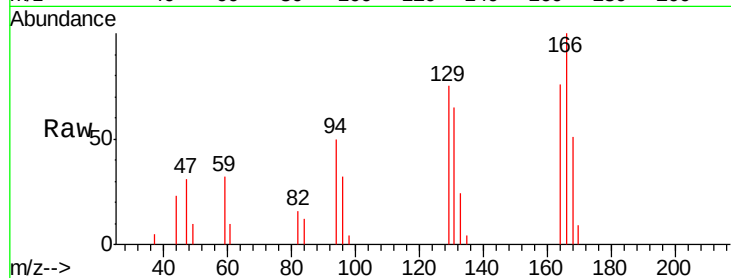
Acq: 20 Nov 2018 18:57

Instrument :

MSVOA_U

ClientSampleId :

H0FN9DL



Tgt Ion:164 Resp: 3397

Ion Ratio Lower Upper

164 100

129 99.6 67.6 125.6

131 86.0 66.3 123.1

166 131.9 89.2 165.6

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

