

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035107.D
 Acq On : 11 Oct 2019 22:23
 Operator : JC/SP
 Sample : K5310-20DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OU2-MW-2-001-01DL

Quant Time: Oct 12 04:34:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	174260	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	186145	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	66037	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54234	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.68	69	50352	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.26	63	79861	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.17	46	150038	49.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.92%
24) Chloroform-d	4.62	84	94541	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.29	65	57523	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.32	84	199449	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.31	67	69386	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.55	98	169501	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.84	79	20877	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.30	63	109280	43.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.50%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57444	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	57791	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

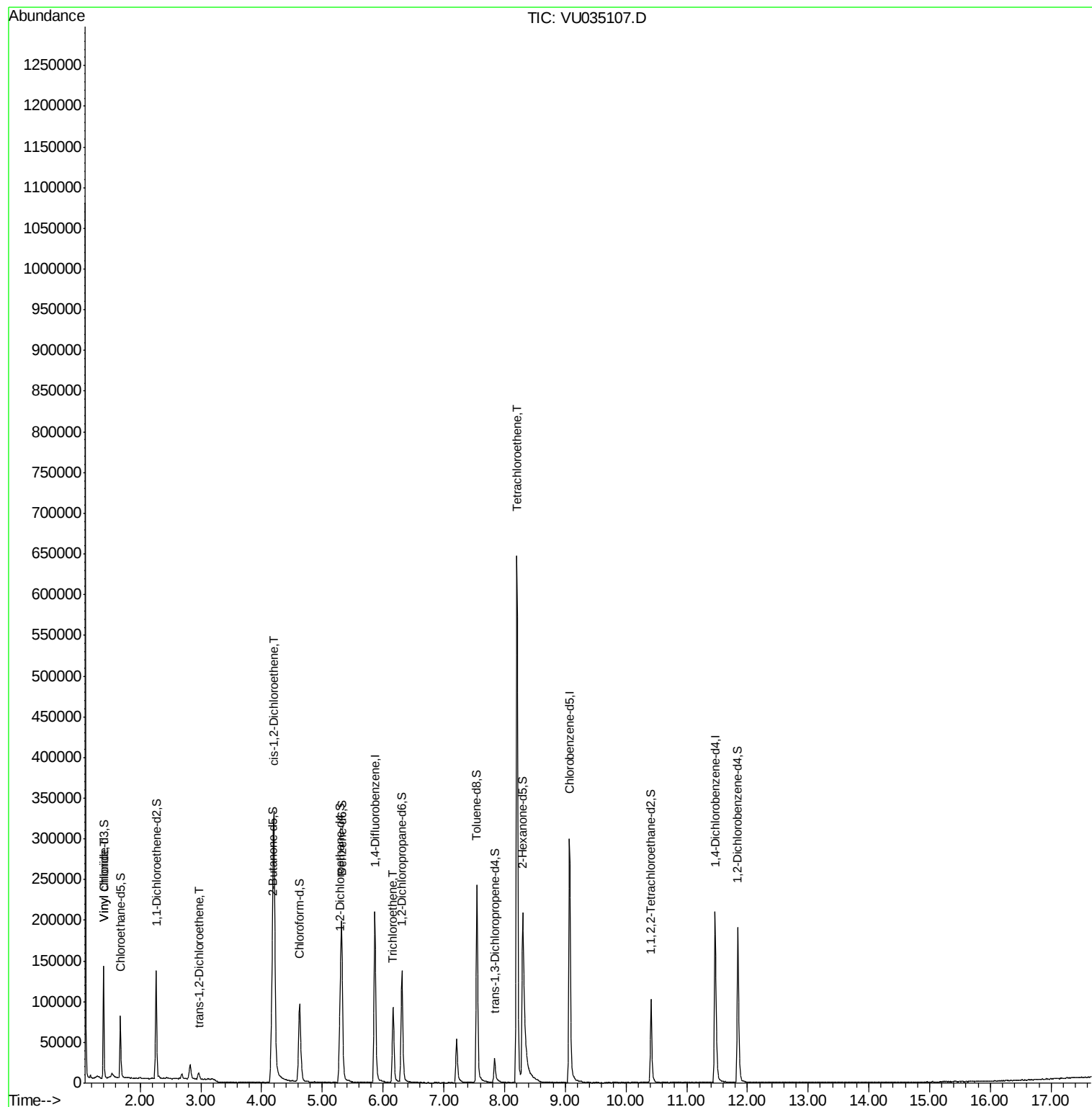
					Ovalue
5) Vinyl chloride	1.40	62	41194	2.401	ug/L 92
18) trans-1,2-Dichloroethene	2.96	96	2970	0.248	ug/L 91
22) cis-1,2-Dichloroethene	4.20	96	171486	12.827	ug/L 90
34) Trichloroethene	6.16	95	33632	2.326	ug/L 95
47) Tetrachloroethene	8.21	164	146800	12.541	ug/L 95

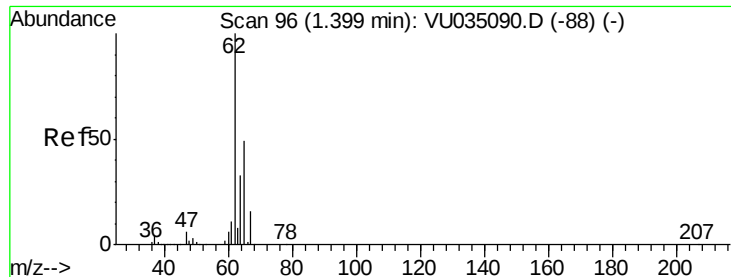
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.401 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

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ClientSampleId :

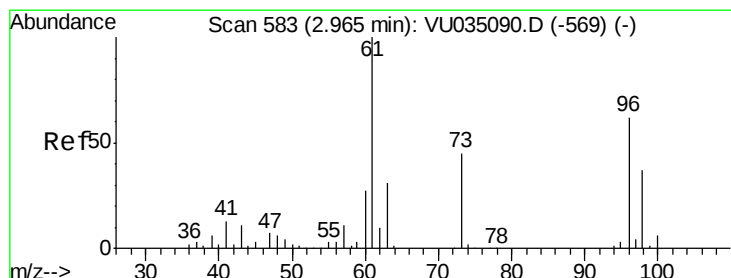
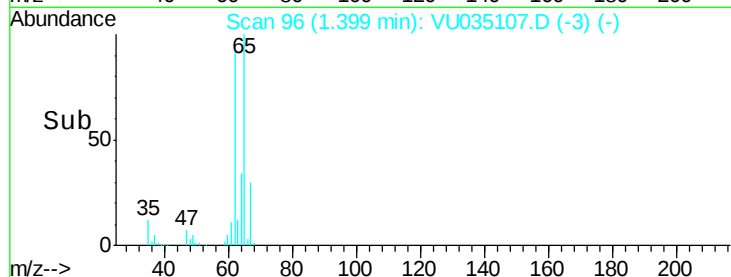
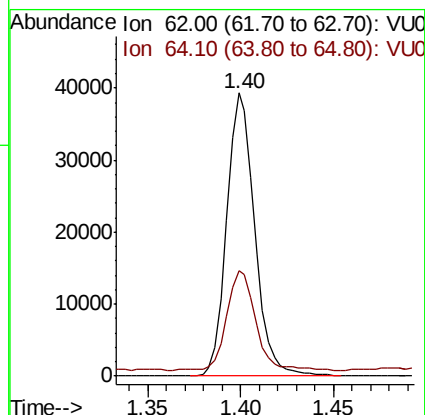
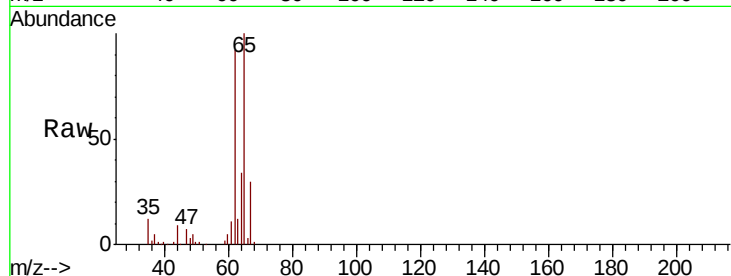
OU2-MW-2-001-01DL

Tot Ion: 62 Resp: 41194

Ion Ratio Lower Upper

62 100

64 37.3 22.8 42.4



#18

trans-1,2-Dichloroethene

Concen: 0.248 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU035107.D

Acq: 11 Oct 2019 22:23

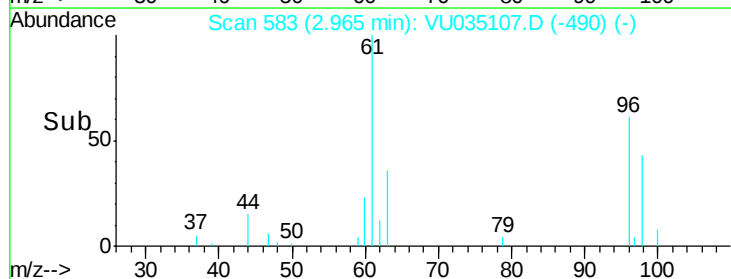
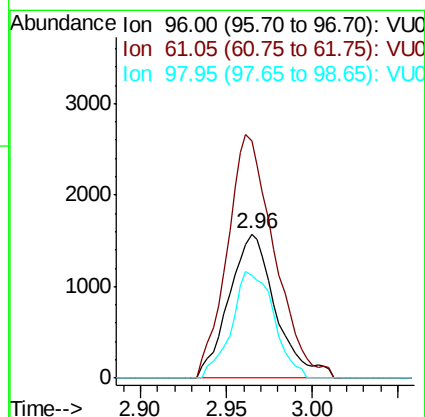
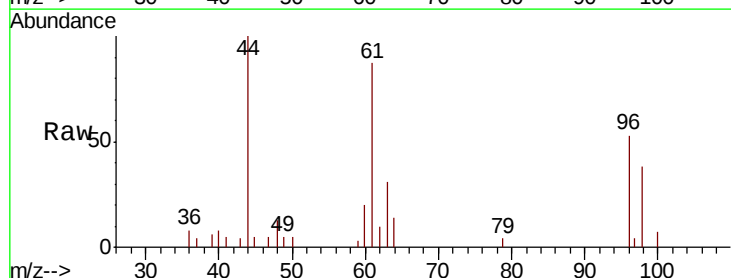
Tgt Ion: 96 Resp: 2970

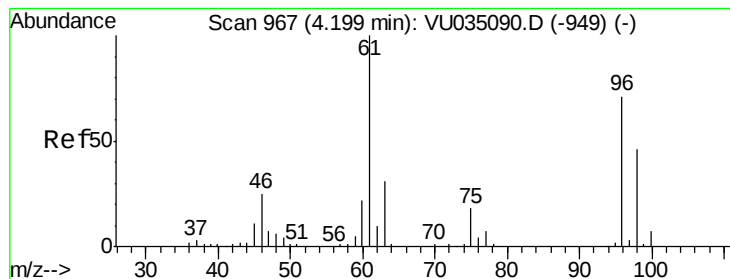
Ion Ratio Lower Upper

96 100

61 164.7 107.1 198.9

98 71.6 45.4 84.4





#22

cis-1,2-Dichloroethene

Concen: 12.827 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035107.D

Acq: 11 Oct 2019 22:23

Instrument :

MSVOA_U

ClientSampleId :

OU2-MW-2-001-01DL

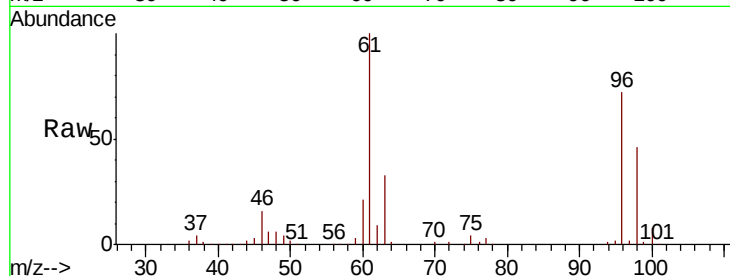
Tot Ion: 96 Resp: 171486

Ion Ratio Lower Upper

96 100

61 138.6 89.2 165.6

68 0.0 0.0 0.0

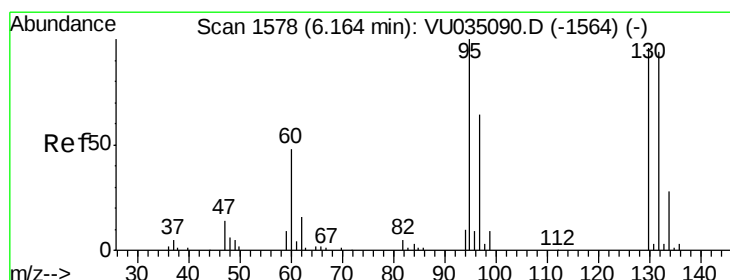
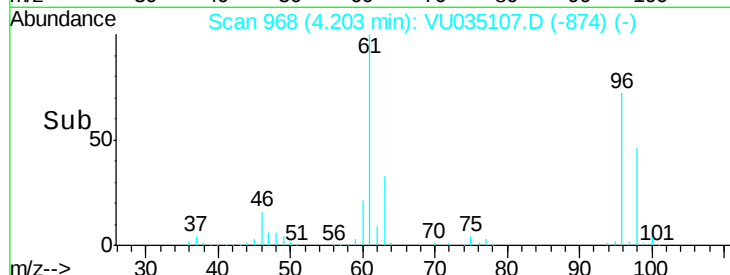
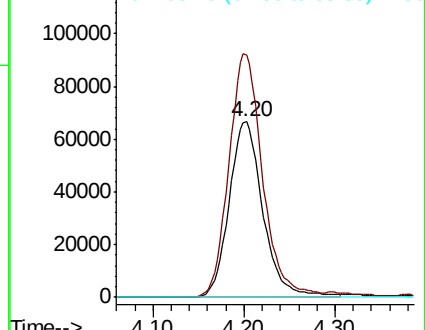


Abundance

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: 2.326 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU035107.D

Acq: 11 Oct 2019 22:23

Tgt Ion: 95 Resp: 33632

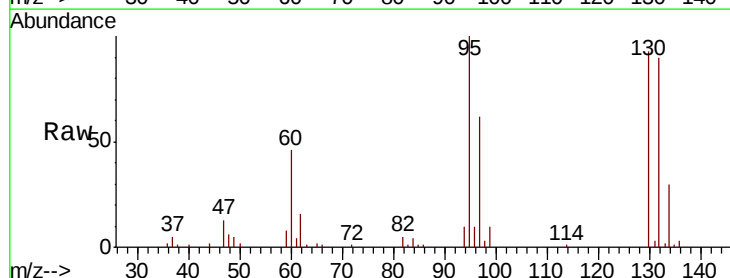
Ion Ratio Lower Upper

95 100

97 61.7 44.5 82.7

132 90.1 66.6 123.8

130 92.8 68.9 127.9



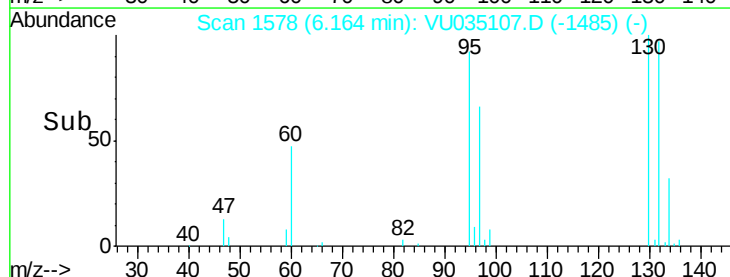
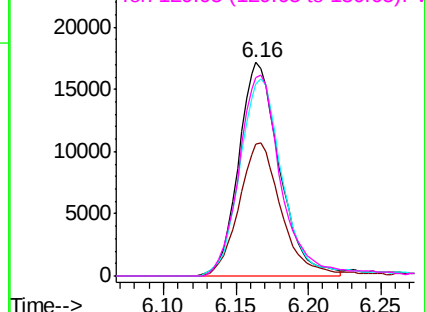
Abundance

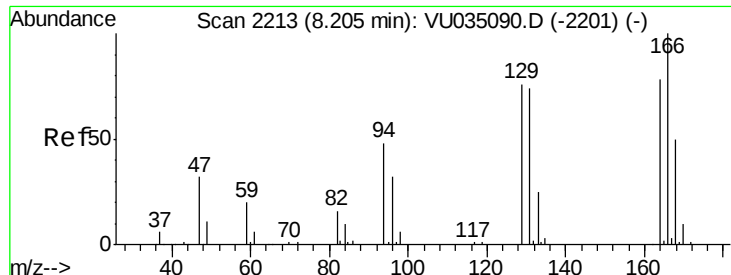
Ion 95.00 (94.70 to 95.70): VU0

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: 12.541 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU035107.D

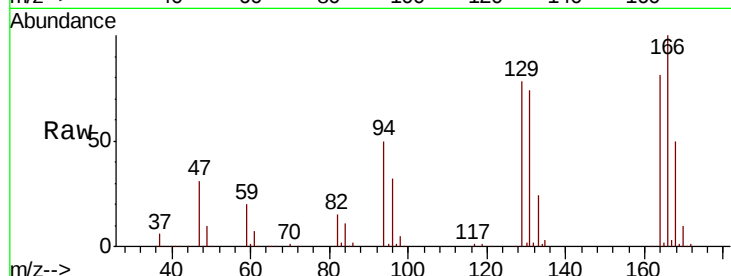
Acq: 11 Oct 2019 22:23

Instrument :

MSVOA_U

ClientSampleId :

OU2-MW-2-001-01DL



Tot Ion:164 Resp: 146800

Ion Ratio Lower Upper

164 100

129 97.0 68.5 127.1

131 91.1 67.3 124.9

166 124.0 93.1 172.9

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

