

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101419\
 Data File : VU035161.D
 Acq On : 14 Oct 2019 19:48
 Operator : JC/SP
 Sample : K5310-18DL 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Oct 15 08:30:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 07:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	159726	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	170464	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	58201	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47366	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.68	69	45440	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.26	63	68519	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.17	46	144683	52.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.06%
24) Chloroform-d	4.62	84	83362	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.29	65	53720	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.32	84	176858	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.31	67	63650	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.55	98	149047	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.84	79	17725	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.31	63	102428	44.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.56%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53573	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	50177	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

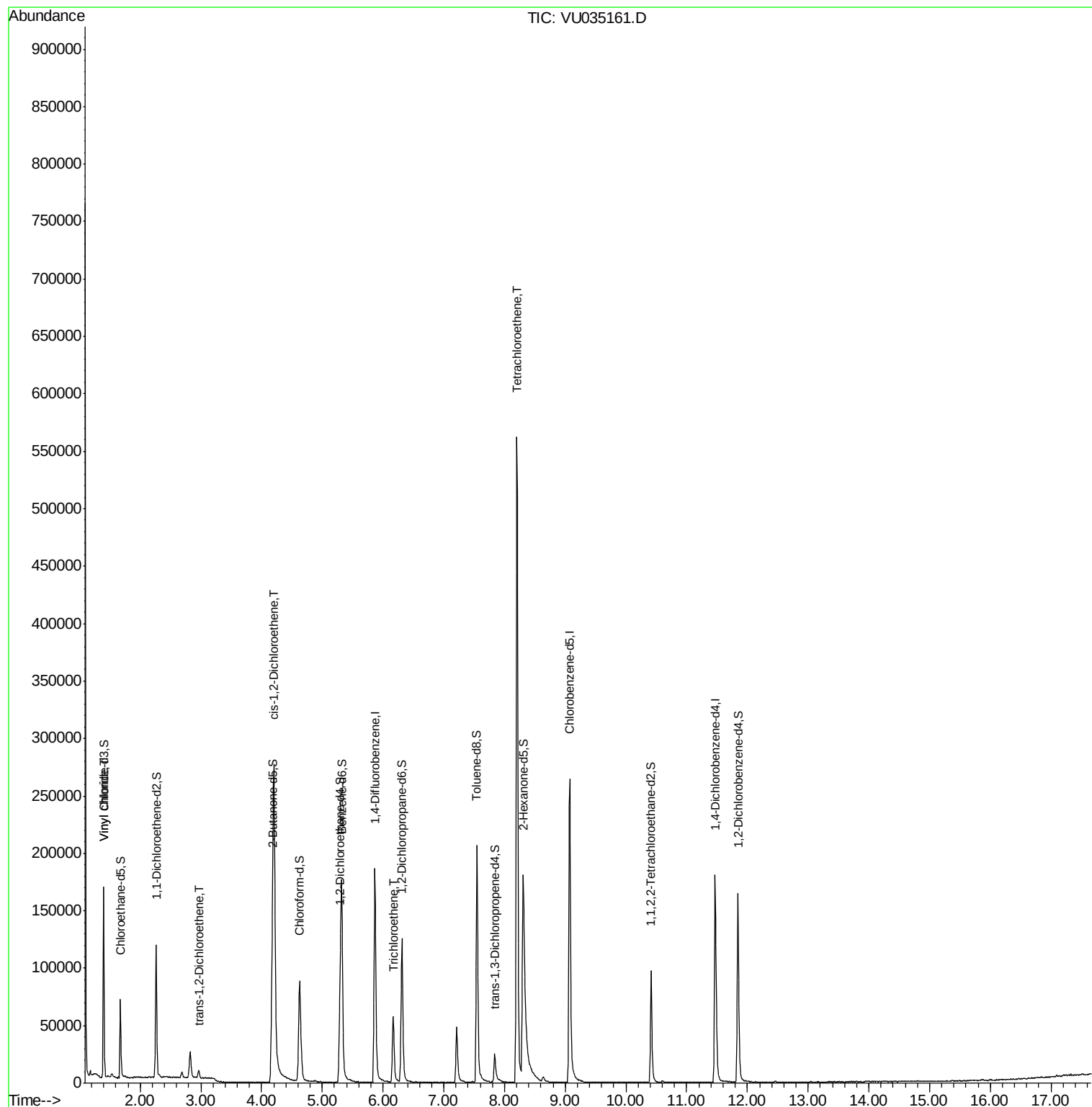
					Qvalue
5) Vinyl chloride	1.40	62	66899	4.253 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	2465	0.224 ug/L	88
22) cis-1,2-Dichloroethene	4.20	96	144051	11.755 ug/L	91
34) Trichloroethene	6.17	95	22264	1.681 ug/L	97
47) Tetrachloroethene	8.21	164	129410	12.073 ug/L	93

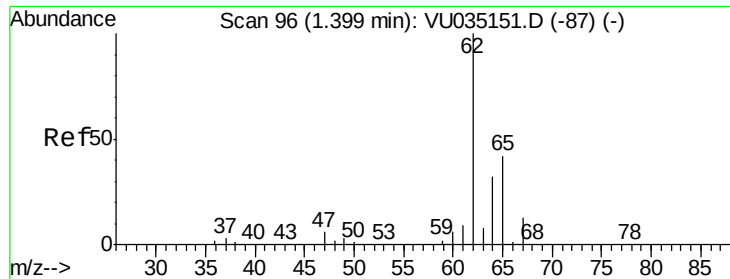
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.253 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

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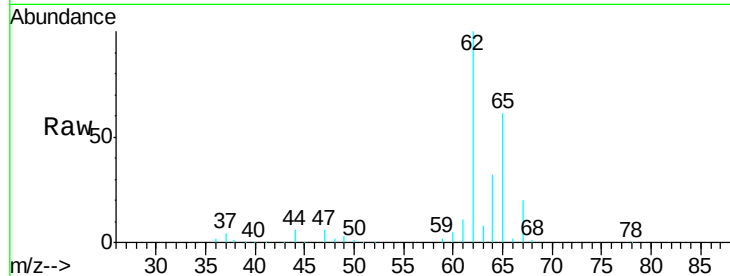
OU2-MD-2-001-01DL

Tgt Ion: 62 Resp: 66899

Ion Ratio Lower Upper

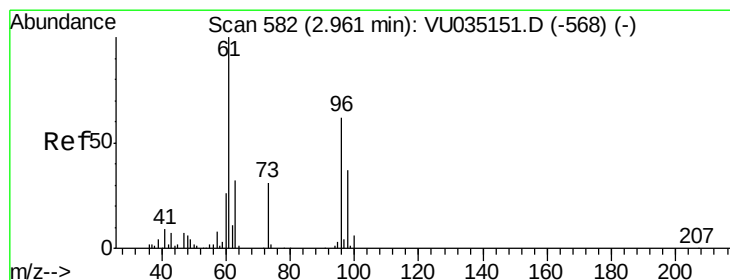
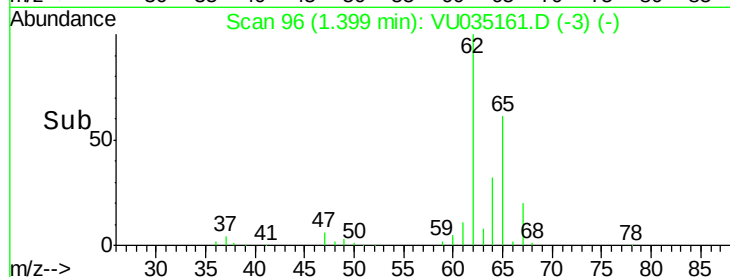
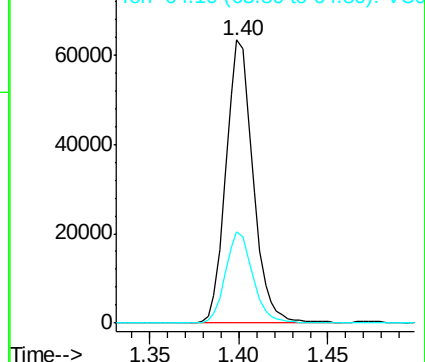
62 100

64 32.2 22.8 42.4



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: 0.224 ug/L

RT: 2.96 min Scan# 581

Delta R.T. -0.00 min

Lab File: VU035161.D

Acq: 14 Oct 2019 19:48

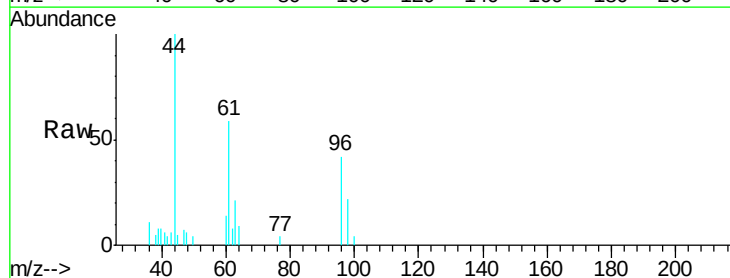
Tgt Ion: 96 Resp: 2465

Ion Ratio Lower Upper

96 100

61 139.2 107.1 198.9

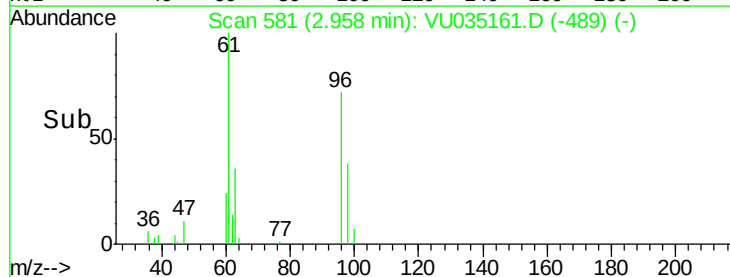
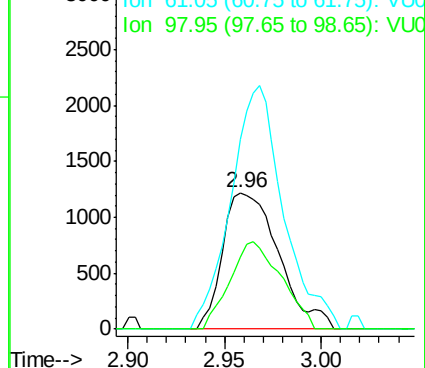
98 53.2 45.4 84.4

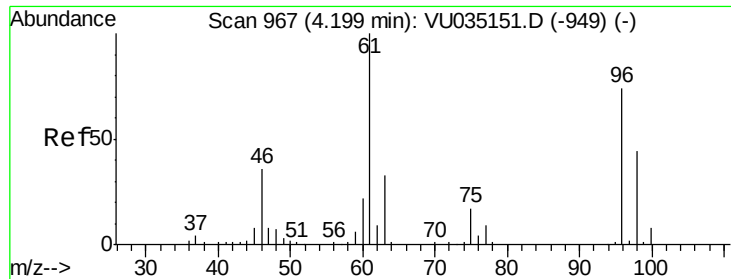


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 11.755 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035161.D

Acq: 14 Oct 2019 19:48

Instrument :

MSVOA_U

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OU2-MD-2-001-01DL

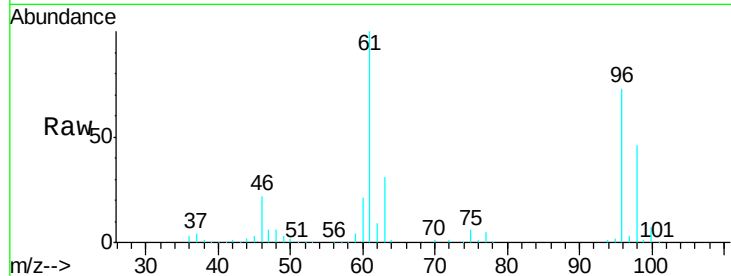
Tgt Ion: 96 Resp: 144051

Ion Ratio Lower Upper

96 100

61 137.4 89.2 165.6

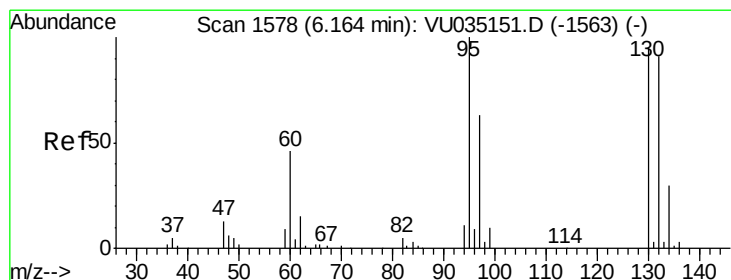
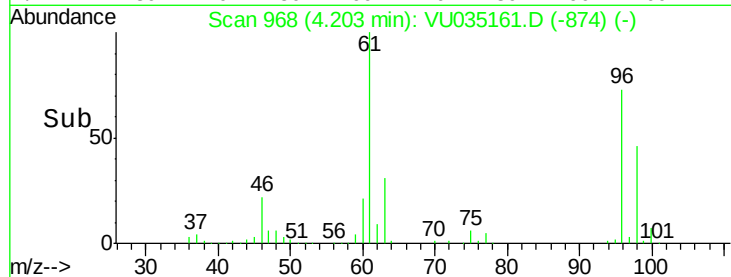
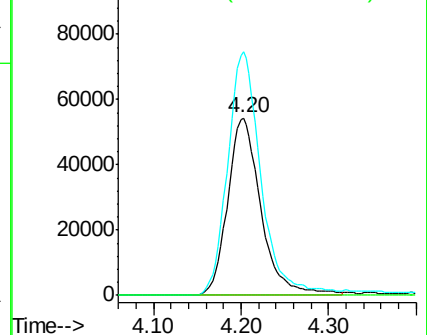
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035161.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU035161.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU035161.D (-949) (-)



#34

Trichloroethene

Concen: 1.681 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035161.D

Acq: 14 Oct 2019 19:48

Tgt Ion: 95 Resp: 22264

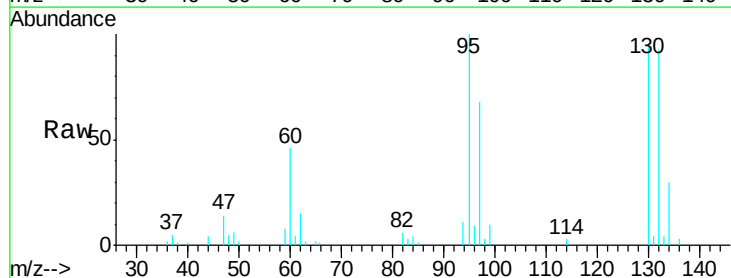
Ion Ratio Lower Upper

95 100

97 67.9 44.5 82.7

132 92.6 66.6 123.8

130 95.7 68.9 127.9

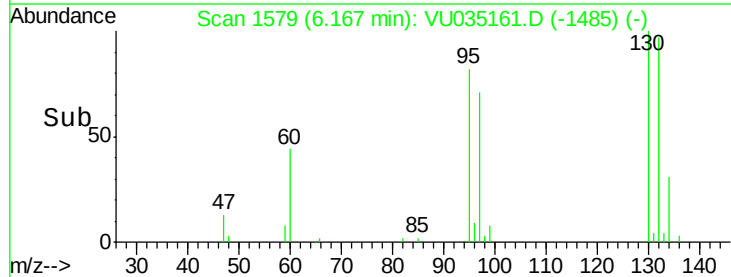
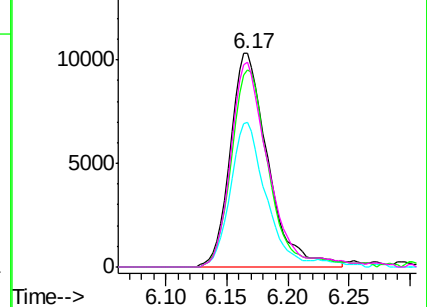


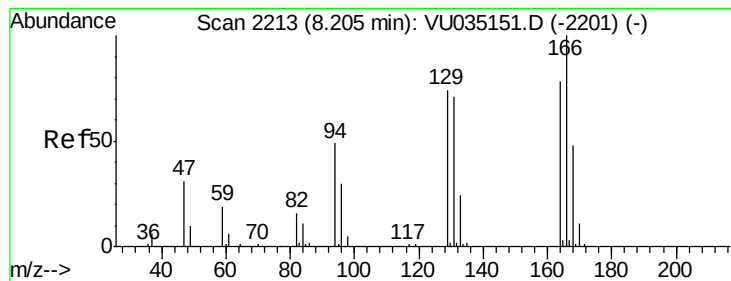
Abundance Ion 95.00 (94.70 to 95.70): VU035161.D (-1563) (-)

Ion 96.95 (96.65 to 97.65): VU035161.D (-1563) (-)

Ion 131.95 (131.65 to 132.65): VU035161.D (-1563) (-)

Ion 129.95 (129.65 to 130.65): VU035161.D (-1563) (-)





#47

Tetrachloroethene

Concen: 12.073 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU035161.D

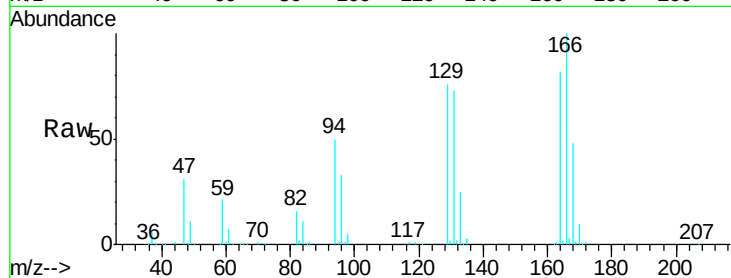
Acq: 14 Oct 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

OU2-MD-2-001-01DL



Tgt Ion:164 Resp: 129410

Ion Ratio Lower Upper

164 100

129 93.2 68.5 127.1

131 89.7 67.3 124.9

166 122.6 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

