

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050219\
 Data File : VU031722.D
 Acq On : 02 May 2019 19:12
 Operator : JC/SP
 Sample : K2661-10 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B30

Quant Time: May 03 08:21:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 07:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	961877	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	886961	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	365916	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	394437	49.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.00%
7) Chloroethane-d5	1.68	69	298691	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.02%
11) 1,1-Dichloroethene-d2	2.27	63	567358	35.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.78%
21) 2-Butanone-d5	4.19	46	713552	97.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.83%
24) Chloroform-d	4.64	84	620033	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.10%
26) 1,2-Dichloroethane-d4	5.31	65	414238	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
32) Benzene-d6	5.33	84	1329500	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
36) 1,2-Dichloropropane-d6	6.32	67	455022	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.98%
41) Toluene-d8	7.56	98	1128311	47.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.12%
43) trans-1,3-Dichloropropene-	7.85	79	191363	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.04%
47) 2-Hexanone-d5	8.31	63	466797	112.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	569127	44.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	361379	46.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.92%

Target Compounds

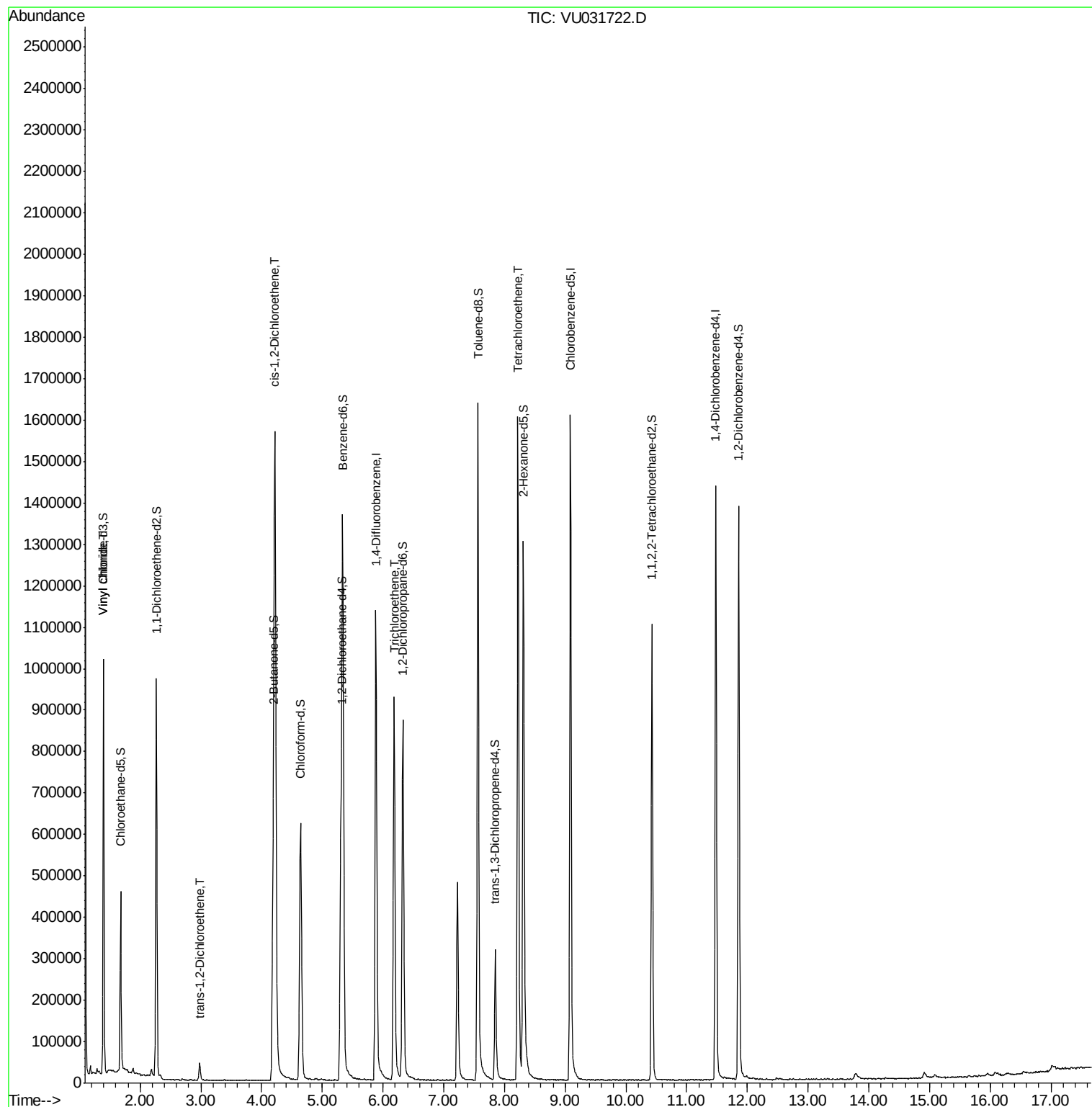
					Ovalue
5) Vinyl chloride	1.40	62	332636	27.802	ug/L 100
17) trans-1,2-Dichloroethene	2.98	96	15822	2.023	ug/L 94
20) cis-1,2-Dichloroethene	4.22	96	782626	93.301	ug/L 97
34) Trichloroethene	6.18	95	344068	43.527	ug/L 97
46) Tetrachloroethene	8.22	164	360319	66.862	ug/L 97

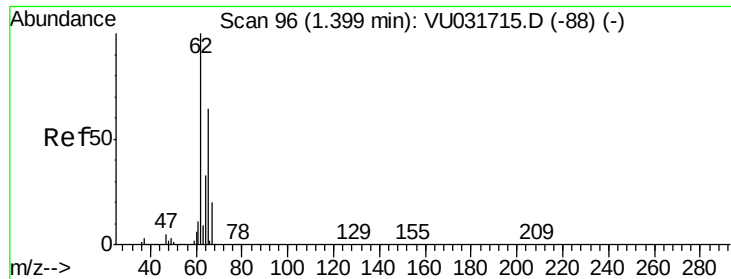
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 03 07:25:23 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 27.802 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031722.D

Acq: 02 May 2019 19:12

Instrument :

MSVOA_U

ClientSampled :

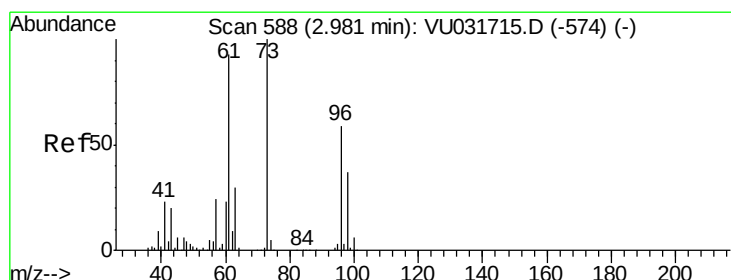
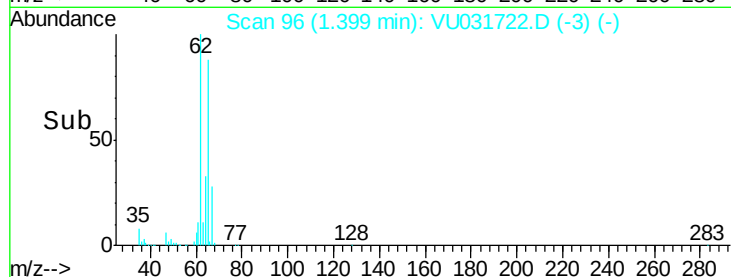
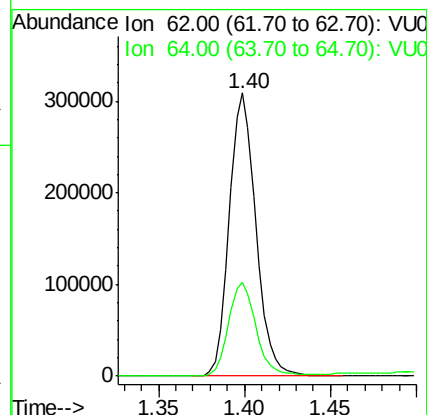
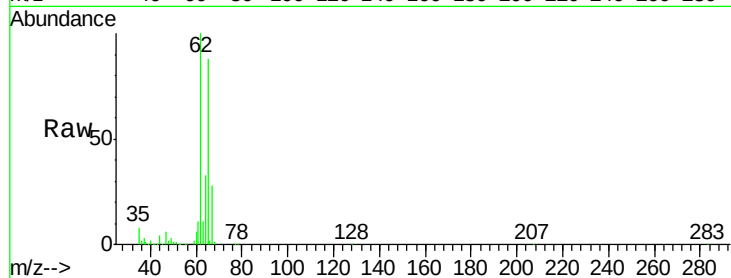
C0B30

Tot Ion: 62 Resp: 332636

Ion Ratio Lower Upper

62 100

64 33.3 23.1 42.9



#17

trans-1,2-Dichloroethene

Concen: 2.023 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU031722.D

Acq: 02 May 2019 19:12

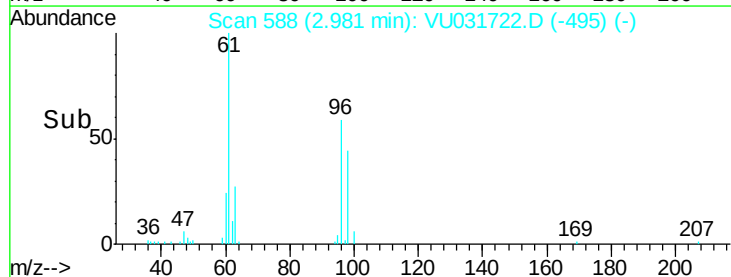
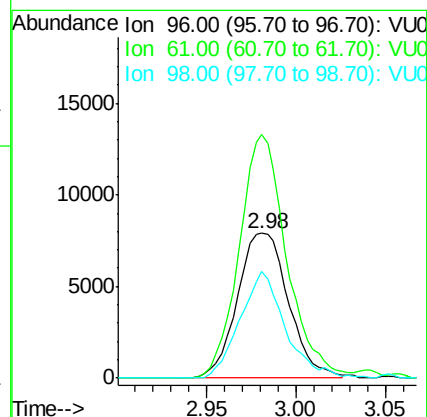
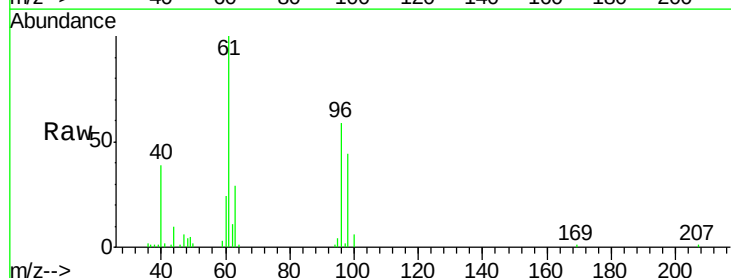
Tgt Ion: 96 Resp: 15822

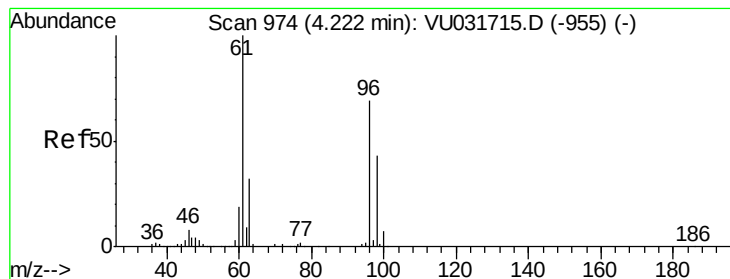
Ion Ratio Lower Upper

96 100

61 168.5 114.5 212.7

98 74.2 45.4 84.2



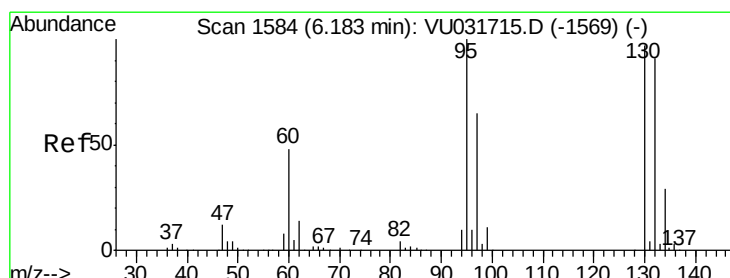
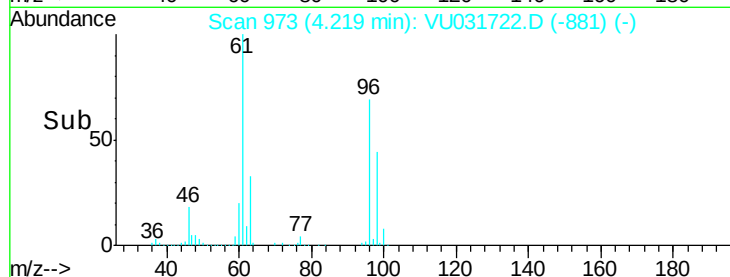
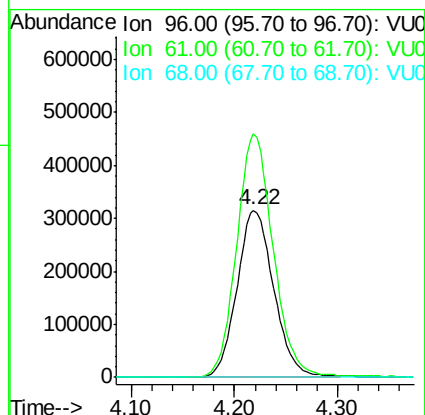
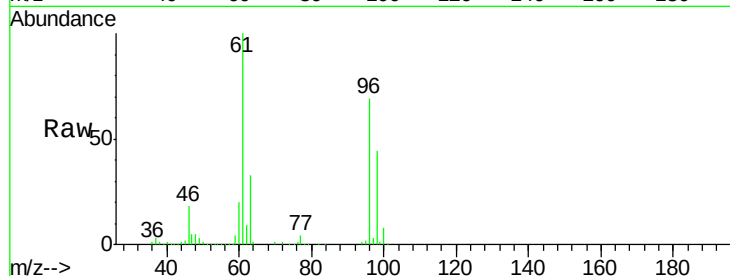


#20

cis-1,2-Dichloroethene
 Concen: 93.301 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031722.D
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Instrument :
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 C0B30

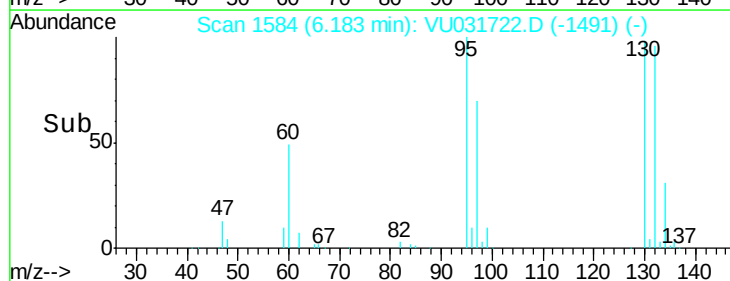
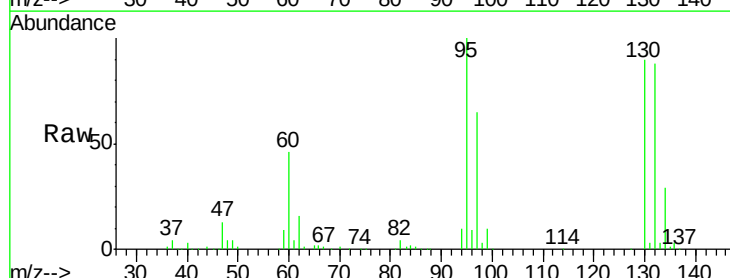
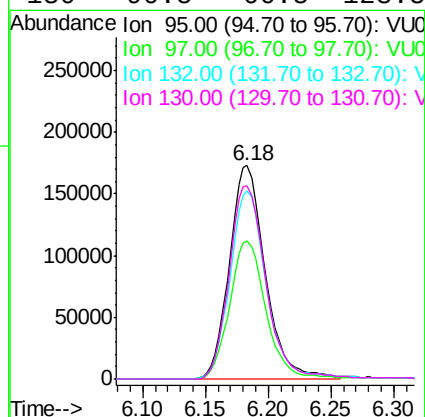
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	99.5	184.7
68	0.0	0.0	0.0

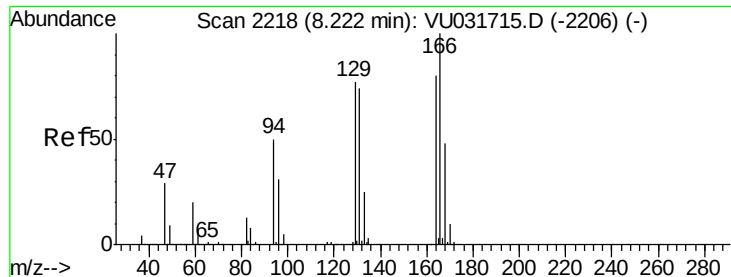


#34

Trichloroethene
 Concen: 43.527 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031722.D
 Acq: 02 May 2019 19:12

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.8	83.2
132	87.9	63.1	117.1
130	90.5	66.5	123.5





#46

Tetrachloroethene

Concen: 66.862 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031722.D

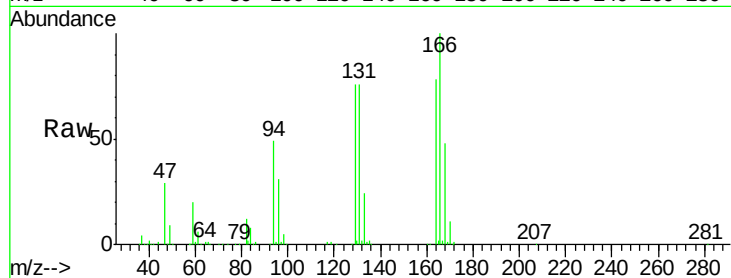
Acq: 02 May 2019 19:12

Instrument :

MSVOA_U

ClientSampleId :

C0B30



Tot Ion:164 Resp: 360319

Ion Ratio Lower Upper

164 100

129 98.0 71.5 132.9

131 97.2 69.0 128.2

166 128.6 93.7 173.9

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

