

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031605.D
 Acq On : 29 Apr 2019 23:17
 Operator : JC/SP
 Sample : K2592-18 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X84

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:44:39 AM

Quant Time: Apr 30 05:12:07 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Apr 30 04:50:11 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	629344	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	605872	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	223790	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	338469	64.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	128.52%
7) Chloroethane-d5	1.68	69	245110	60.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.44%
11) 1,1-Dichloroethene-d2	2.27	63	469052	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
21) 2-Butanone-d5	4.18	46	531181	111.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.31%
24) Chloroform-d	4.64	84	507212m	52.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.16%
26) 1,2-Dichloroethane-d4	5.31	65	353365	56.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.14%
32) Benzene-d6	5.34	84	1010841	54.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.66%
36) 1,2-Dichloropropane-d6	6.32	67	355537	54.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.64%
41) Toluene-d8	7.56	98	825867	50.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.94%
43) trans-1,3-Dichloropropene-	7.85	79	137183	48.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.64%
47) 2-Hexanone-d5	8.31	63	294384	103.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	443101	50.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	246904	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	24502	2.746	ug/L 100
13) Acetone	2.33	43	19200	3.572	ug/L 98
20) cis-1,2-Dichloroethene	4.22	96	3860	0.703	ug/L 83
34) Trichloroethene	6.18	95	845792	156.638	ug/L 96
46) Tetrachloroethene	8.22	164	31261	8.492	ug/L 97

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

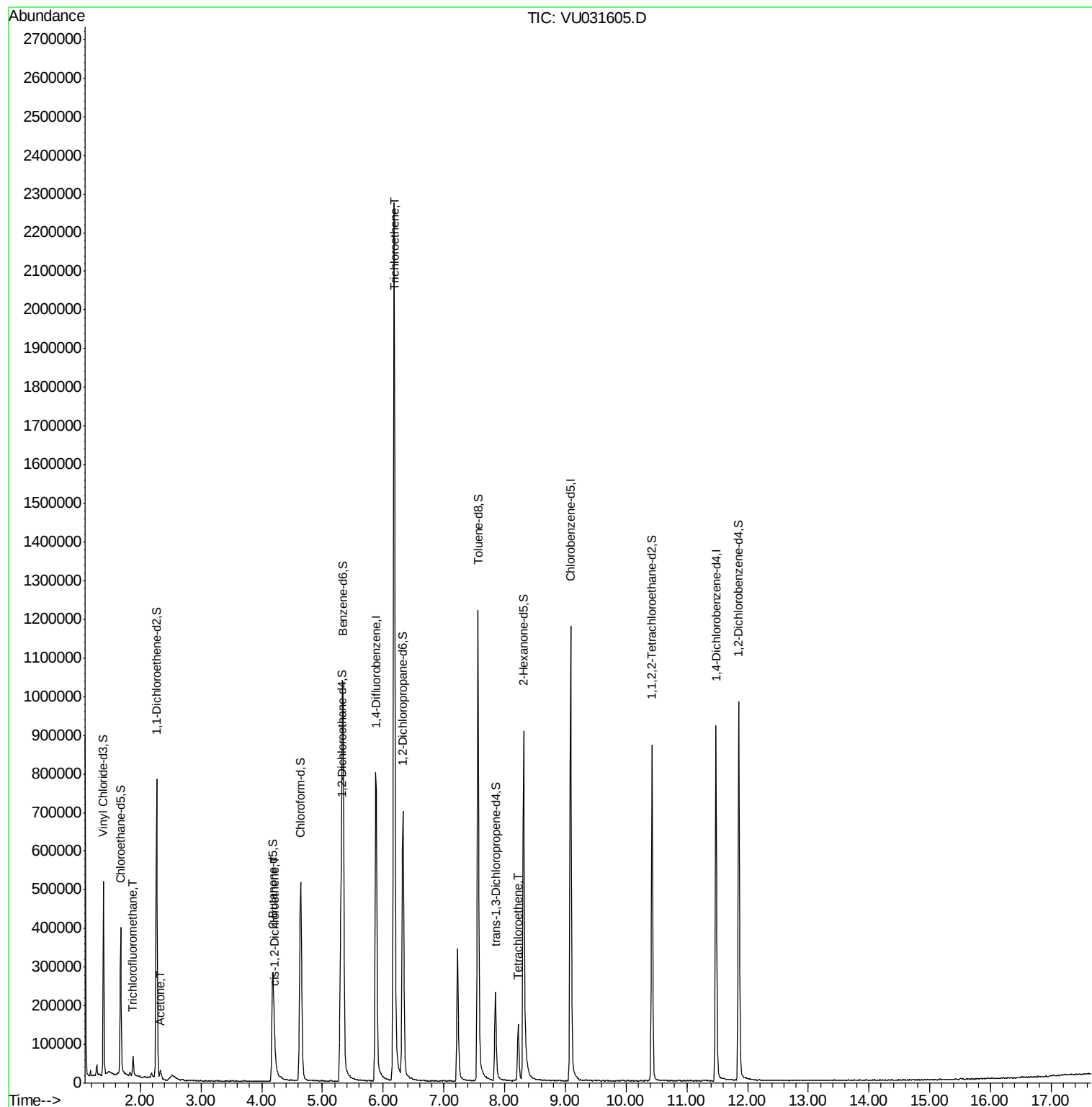
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031605.D
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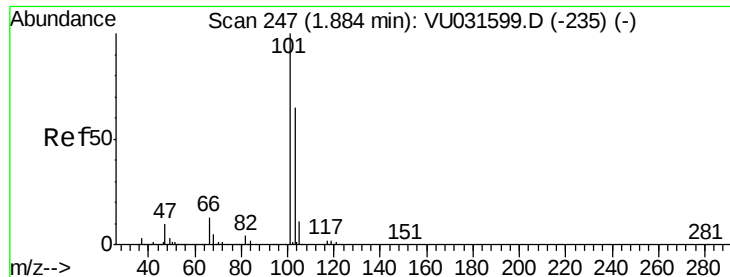
Instrument :
MSVOA_U
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Quant Title : VOC Analysis
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#9

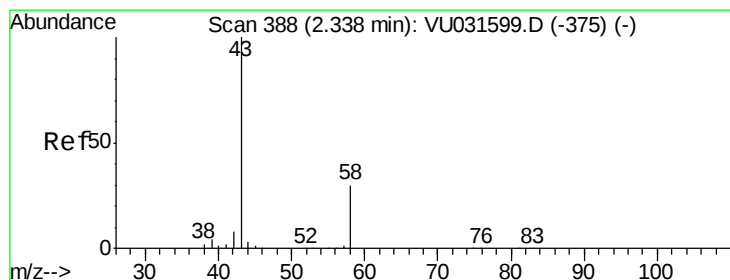
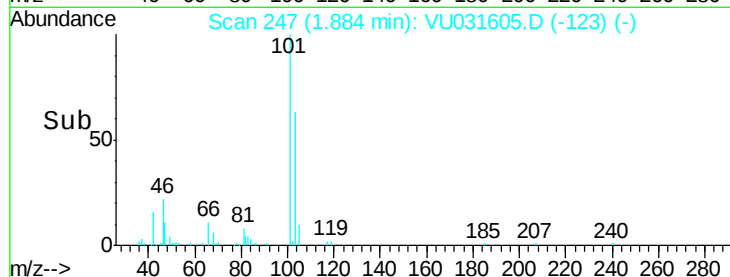
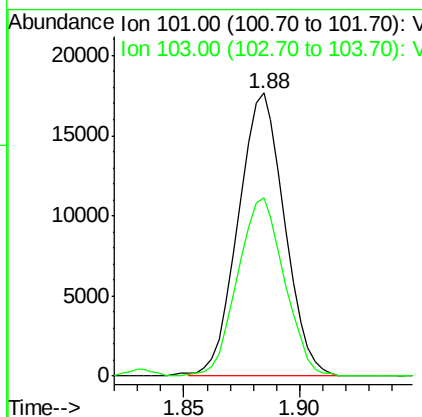
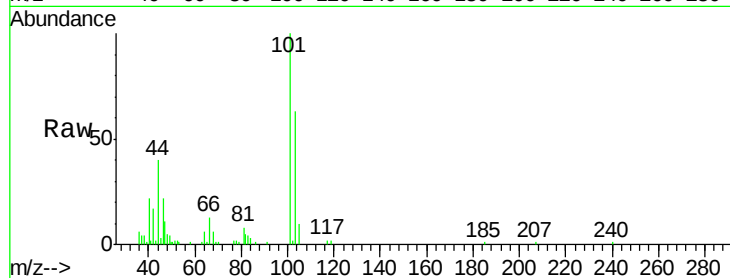
Trichlorofluoromethane
 Concen: 2.746 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU031605.D
 Acq: 29 Apr 2019 23:17

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X84

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	50.8	76.2

Manual Integrations
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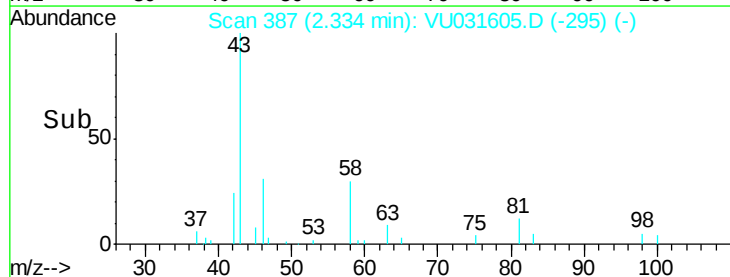
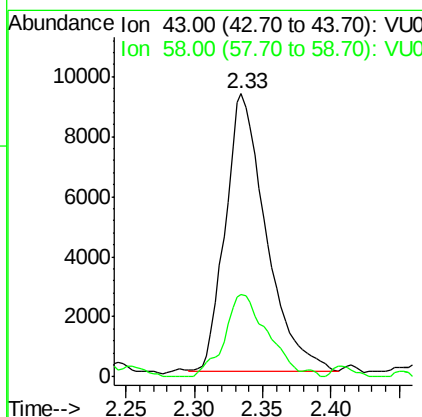
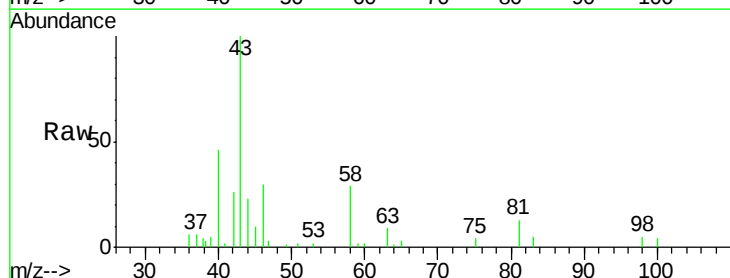
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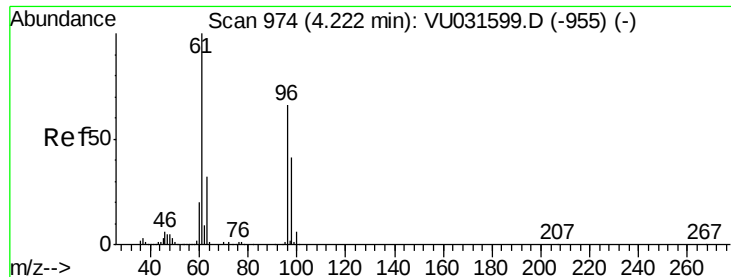


#13

Acetone
 Concen: 3.572 ug/L
 RT: 2.33 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VU031605.D
 Acq: 29 Apr 2019 23:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	0.0	64.4





#20

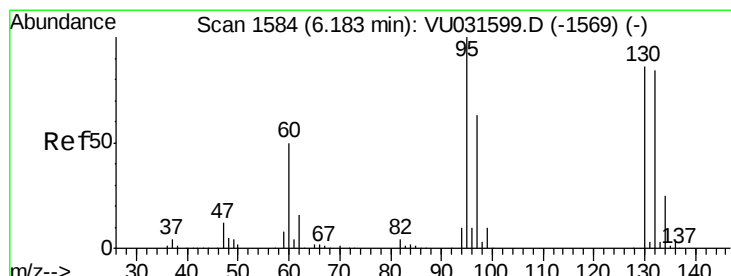
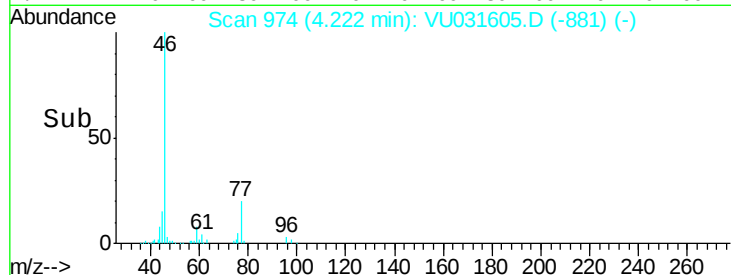
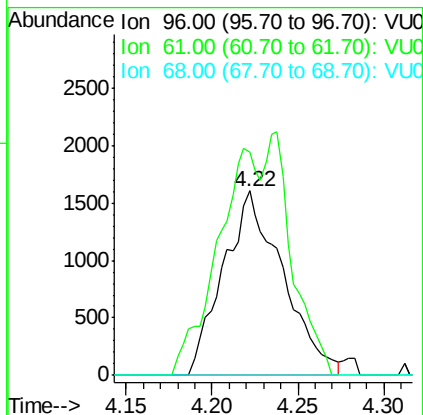
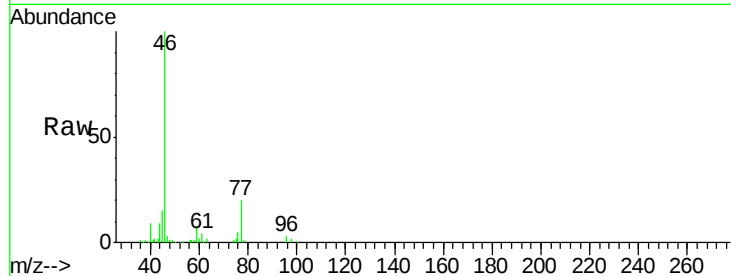
cis-1,2-Dichloroethene
Concen: 0.703 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU031605.D
Acq: 29 Apr 2019 23:17

Instrument :
MSVOA_U
ClientSampleId :
C0X84

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.7	99.5	184.7
68	0.0	0.0	0.0

Manual Integrations
APPROVED

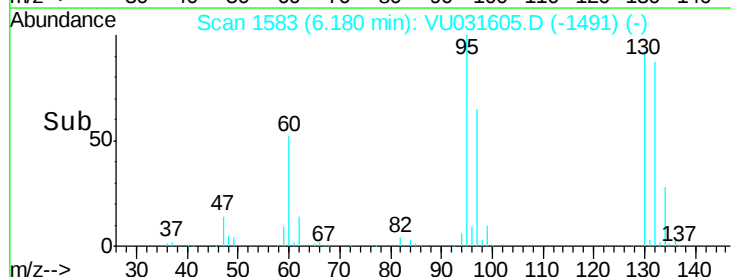
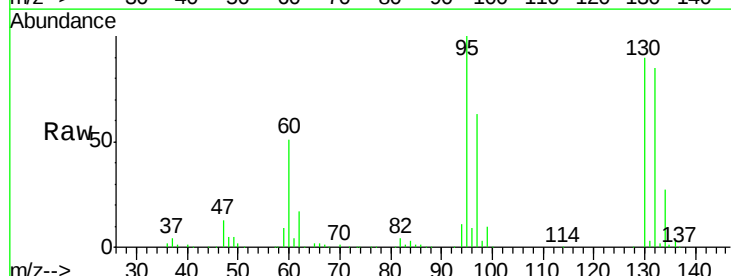
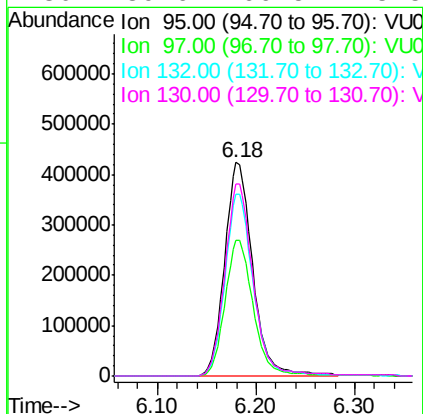
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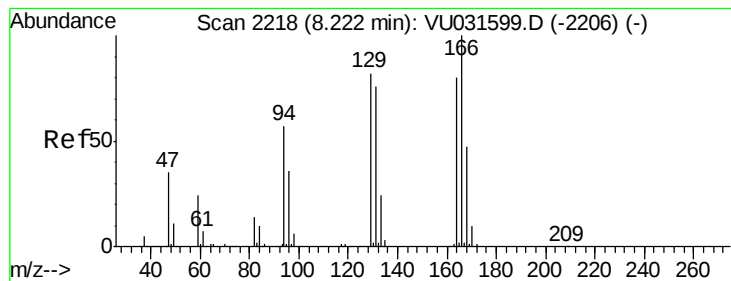


#34

Trichloroethene
Concen: 156.638 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031605.D
Acq: 29 Apr 2019 23:17

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.8	83.2
132	85.0	63.1	117.1
130	89.6	66.5	123.5





#46

Tetrachloroethene

Concen: 8.492 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031605.D

Acq: 29 Apr 2019 23:17

Instrument :

MSVOA_U

ClientSampleId :

C0X84

Tot Ion:164 Resp: 31261

Ion Ratio Lower Upper

164 100

129 101.4 71.5 132.9

131 100.0 69.0 128.2

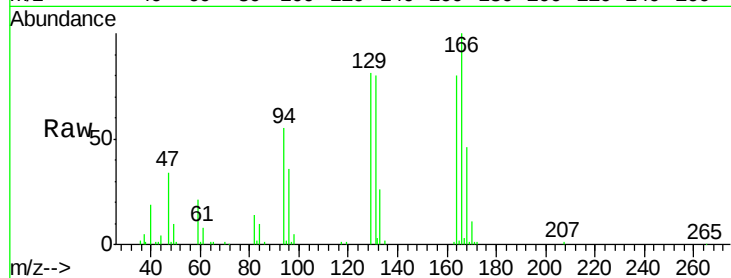
166 125.6 93.7 173.9

Manual Integrations

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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

