

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031595.D
 Acq On : 29 Apr 2019 18:38
 Operator : JC/SP
 Sample : K2586-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X65

Quant Time: Apr 30 04:26:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	648179	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	646063	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	238852	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	289671	53.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.80%
7) Chloroethane-d5	1.68	69	230773	55.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.10%
11) 1,1-Dichloroethene-d2	2.27	63	439043	40.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.28%
21) 2-Butanone-d5	4.18	46	596279	121.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.32%
24) Chloroform-d	4.64	84	534803	53.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.66%
26) 1,2-Dichloroethane-d4	5.31	65	376864	58.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.12%
32) Benzene-d6	5.34	84	1046518	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.50%
36) 1,2-Dichloropropane-d6	6.32	67	381320	54.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.26%
41) Toluene-d8	7.56	98	844472	48.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.74%
43) trans-1,3-Dichloropropene-	7.85	79	145414	48.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.06%
47) 2-Hexanone-d5	8.31	63	323867	107.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	488330	52.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.26%
64) 1,2-Dichlorobenzene-d4	11.85	152	278444	55.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.86%

Target Compounds

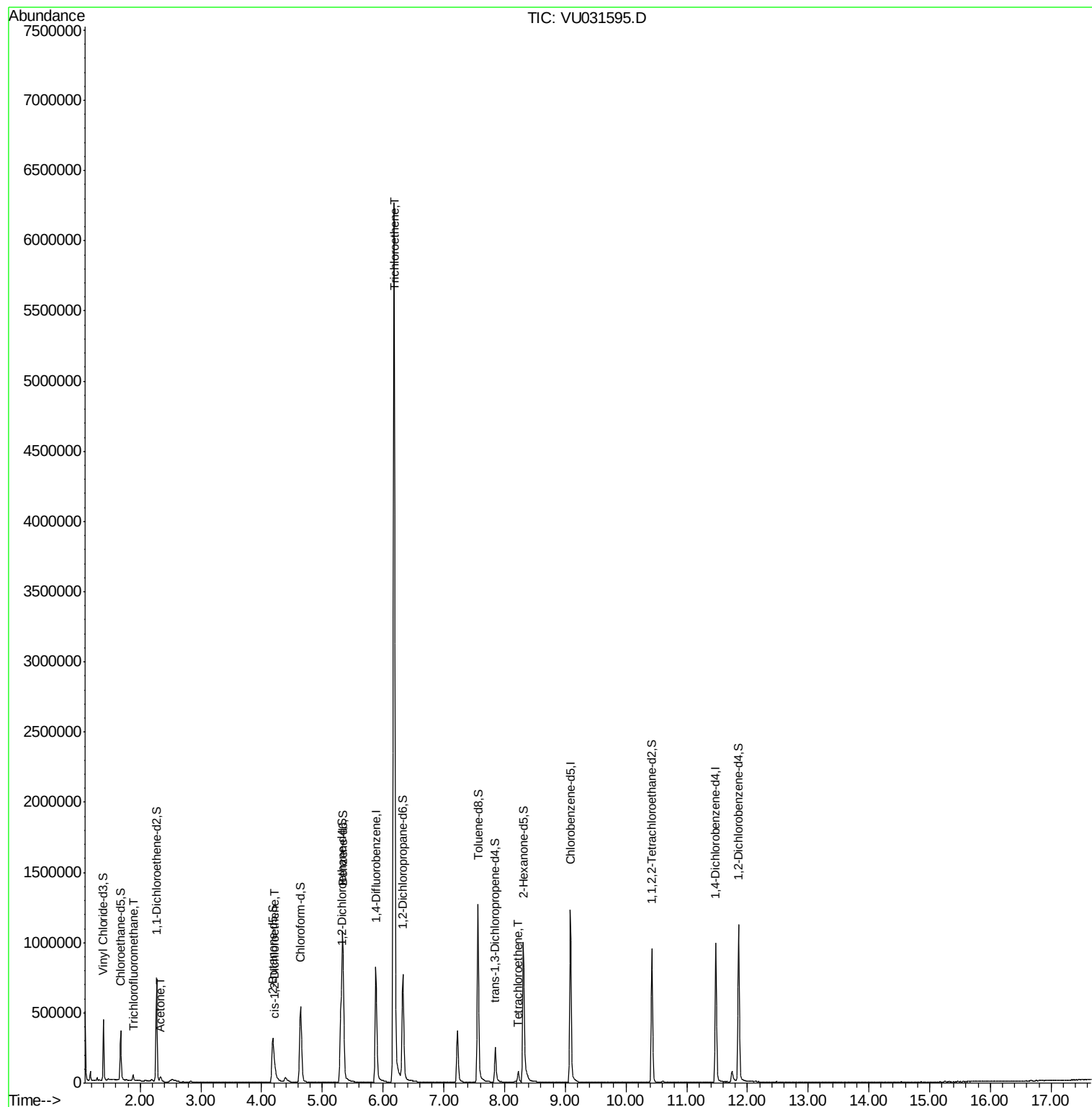
					Ovalue
9) Trichlorofluoromethane	1.88	101	19805	2.155 ug/L	99
13) Acetone	2.33	43	43220	7.806 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	10297	1.822 ug/L	81
34) Trichloroethene	6.18	95	2320217	402.967 ug/L	95
46) Tetrachloroethene	8.22	164	16762	4.270 ug/L	95

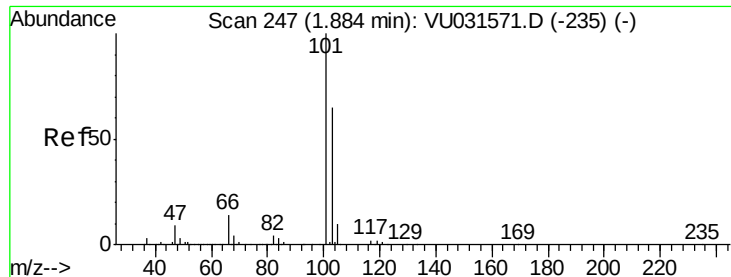
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 2.155 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

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ClientSampleId :

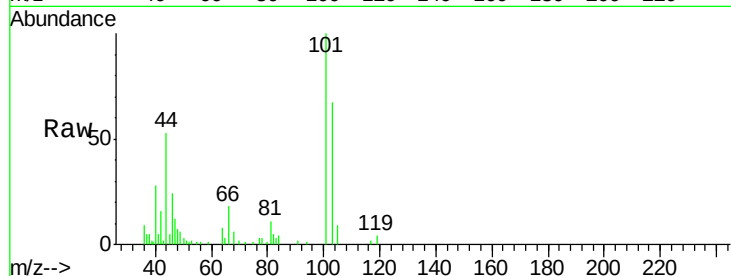
C0X65

Tot Ion:101 Resp: 19805

Ion Ratio Lower Upper

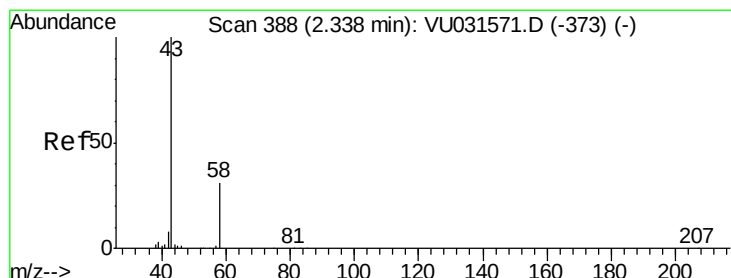
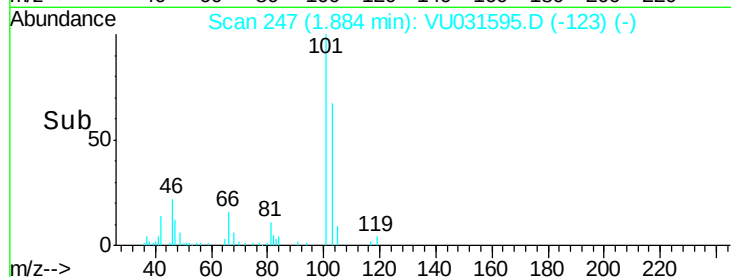
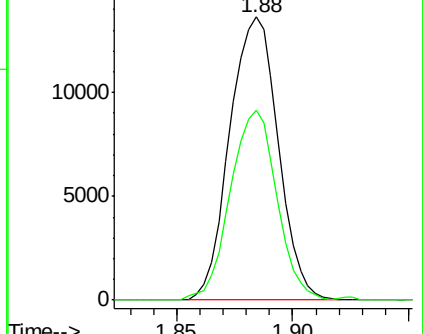
101 100

103 64.3 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 7.806 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

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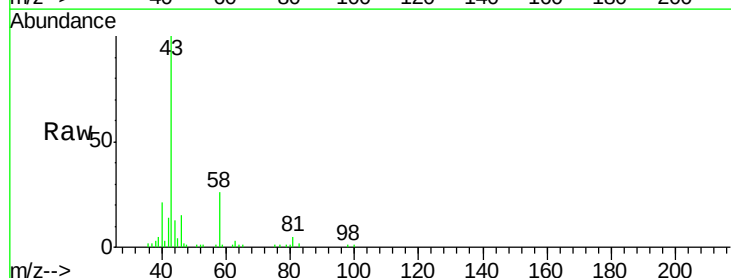
Acq: 29 Apr 2019 18:38

Tgt Ion: 43 Resp: 43220

Ion Ratio Lower Upper

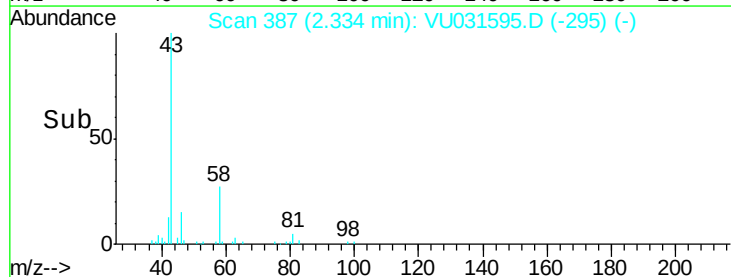
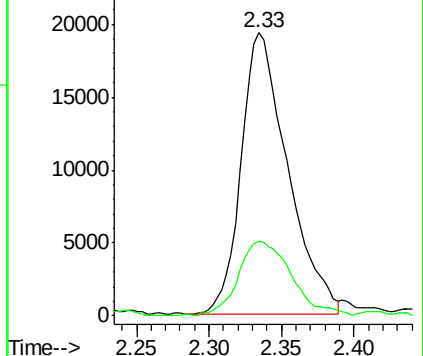
43 100

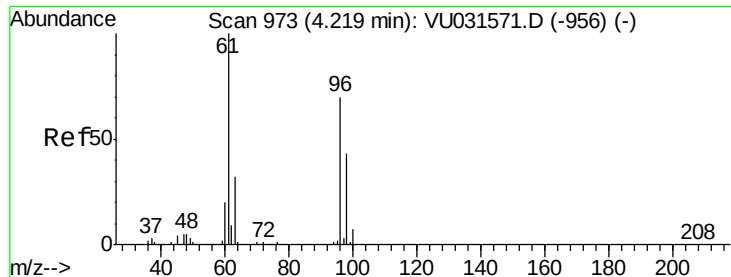
58 30.3 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



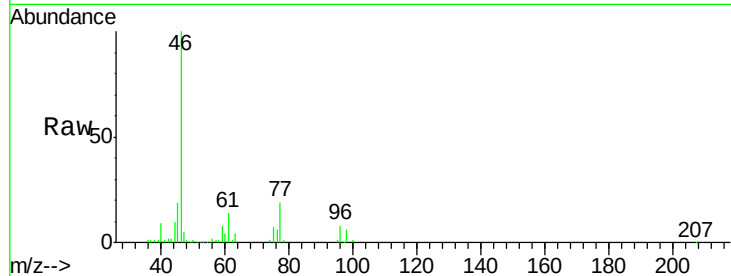


#20

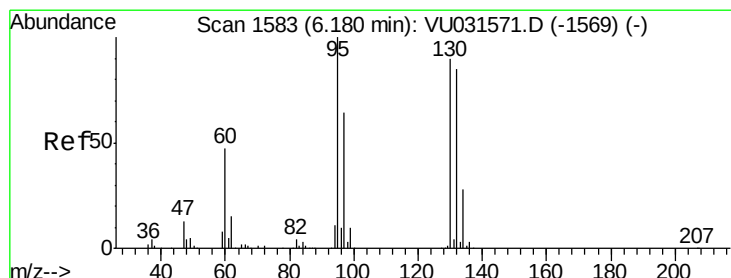
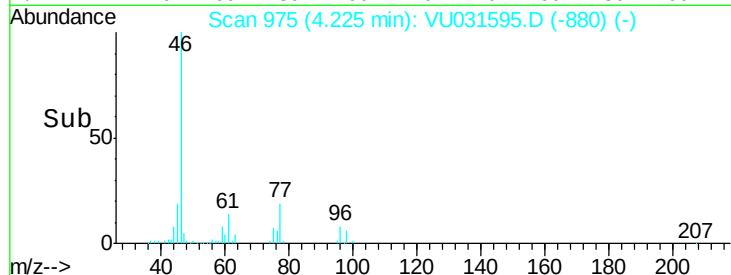
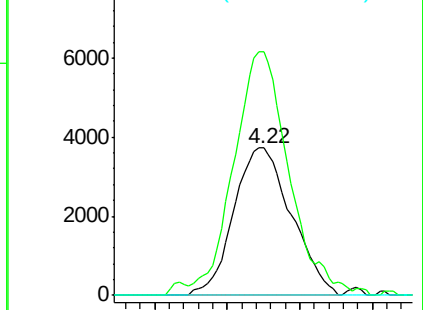
cis-1,2-Dichloroethene
Concen: 1.822 ug/L
RT: 4.22 min Scan# 975
Delta R.T. 0.01 min
Lab File: VU031595.D
Acq: 29 Apr 2019 18:38

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Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	165.5	99.5	184.7	
68	0.0	0.0	0.0	



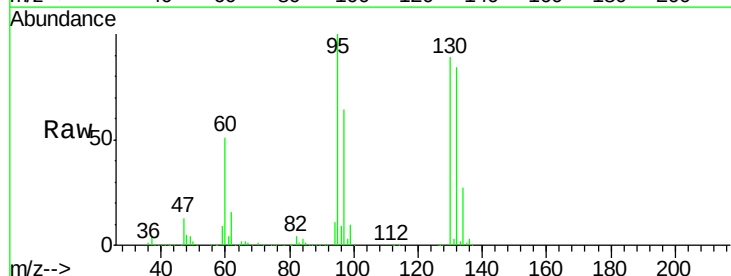
Abundance Ion 96.00 (95.70 to 96.70): VU031571.D (-956) (-)



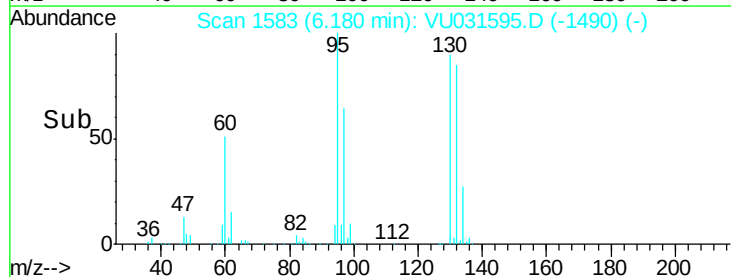
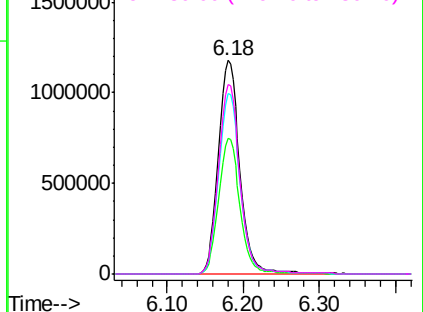
#34

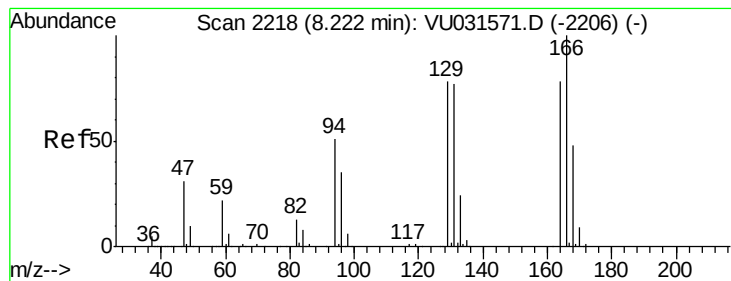
Trichloroethene
Concen: 402.967 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031595.D
Acq: 29 Apr 2019 18:38

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
97	63.7	44.8	83.2	
132	84.3	63.1	117.1	
130	89.0	66.5	123.5	



Abundance Ion 95.00 (94.70 to 95.70): VU031571.D (-1569) (-)





#46

Tetrachloroethene

Concen: 4.270 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031595.D

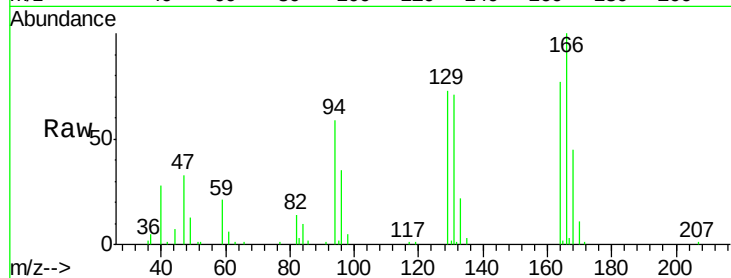
Acq: 29 Apr 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

C0X65



Tot Ion:164 Resp: 16762

Ion Ratio Lower Upper

164 100

129 95.3 71.5 132.9

131 91.8 69.0 128.2

166 129.8 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

