

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
 Data File : VU031748.D
 Acq On : 03 May 2019 14:31
 Operator : JC/SP
 Sample : K2661-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B26

Quant Time: May 04 06:07:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 04 02:35:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	827889	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	809935	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	318177	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	358353	51.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.44%
7) Chloroethane-d5	1.68	69	282093	52.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.36%
11) 1,1-Dichloroethene-d2	2.27	63	512603	37.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.30%
21) 2-Butanone-d5	4.19	46	671591	106.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.98%
24) Chloroform-d	4.64	84	576179	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.82%
26) 1,2-Dichloroethane-d4	5.31	65	395169	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
32) Benzene-d6	5.34	84	1214602	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
36) 1,2-Dichloropropane-d6	6.32	67	418142	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.58%
41) Toluene-d8	7.56	98	1015077	46.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.72%
43) trans-1,3-Dichloropropene-	7.85	79	168877	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.92%
47) 2-Hexanone-d5	8.31	63	416386	109.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	525419	44.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	323319	48.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.64%

Target Compounds

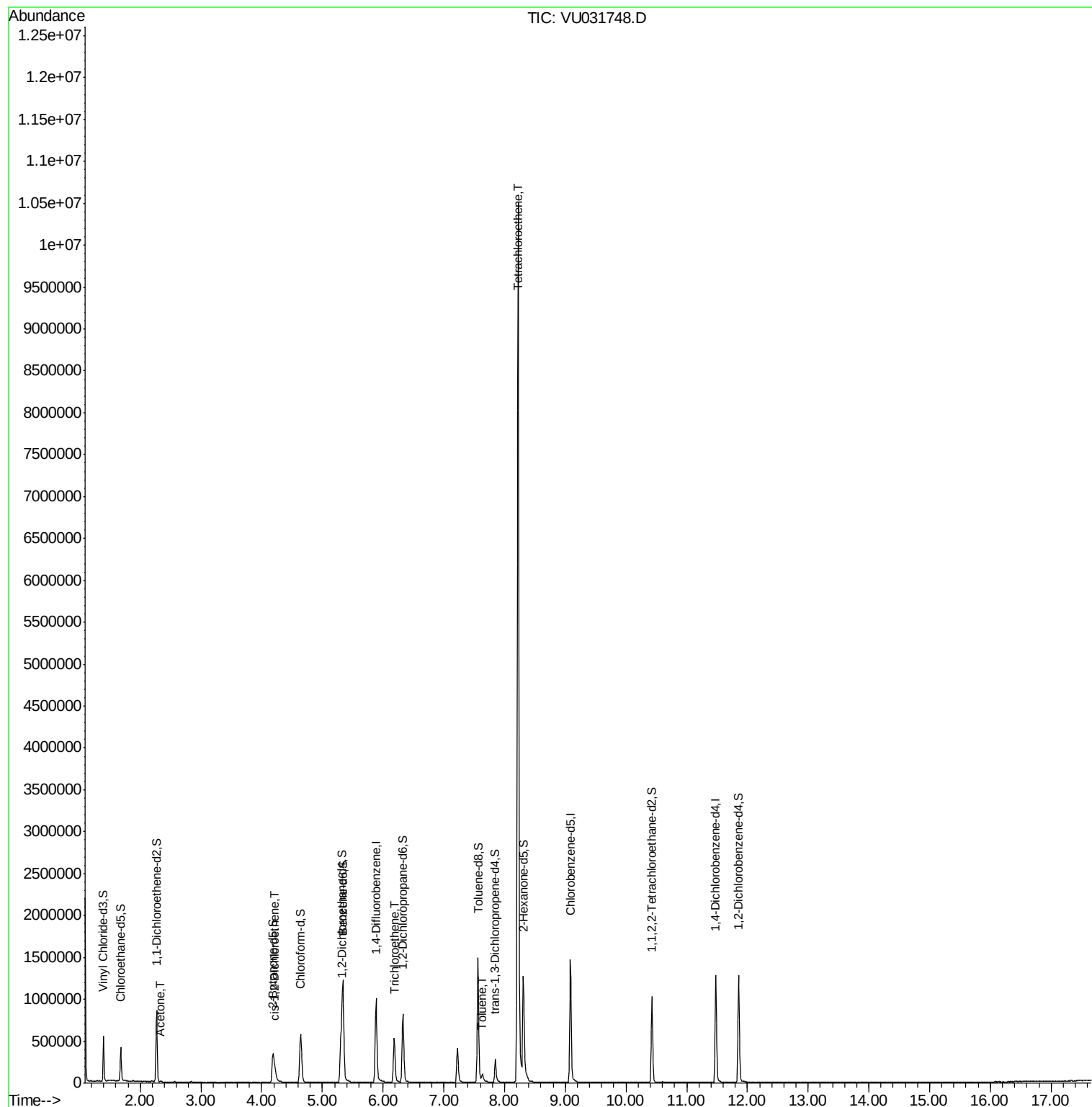
					Ovalue
13) Acetone	2.34	43	11003	1.556	ug/L 74
20) cis-1,2-Dichloroethene	4.22	96	29851	4.135	ug/L 85
34) Trichloroethene	6.18	95	198814	27.543	ug/L 96
42) Toluene	7.64	91	61802	2.083	ug/L 97
46) Tetrachloroethene	8.22	164	2263659	460.003	ug/L 98

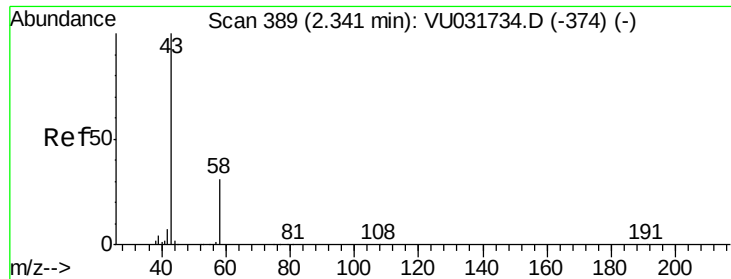
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.556 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU031748.D

Acq: 03 May 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

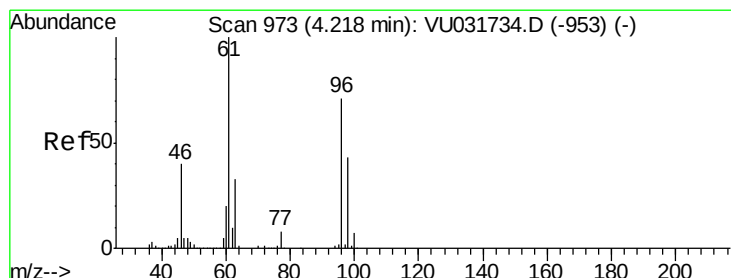
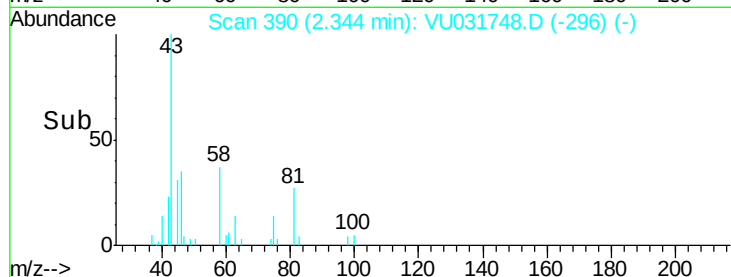
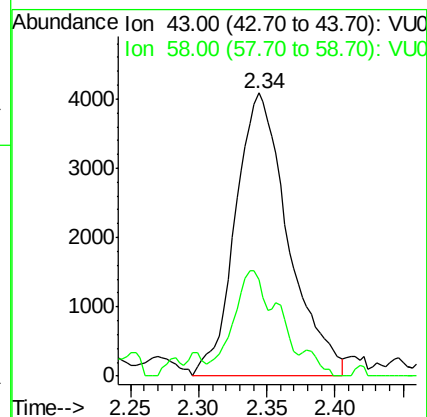
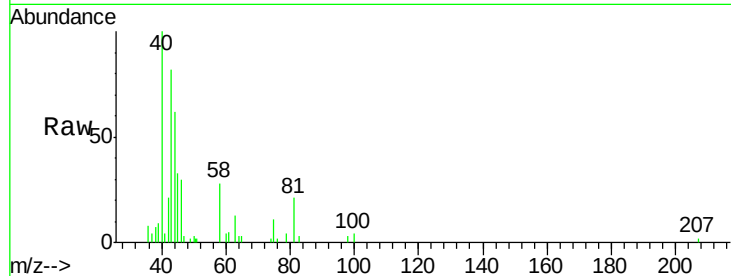
C0B26

Tot Ion: 43 Resp: 11003

Ion Ratio Lower Upper

43 100

58 17.8 0.0 64.4



#20

cis-1,2-Dichloroethene

Concen: 4.135 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU031748.D

Acq: 03 May 2019 14:31

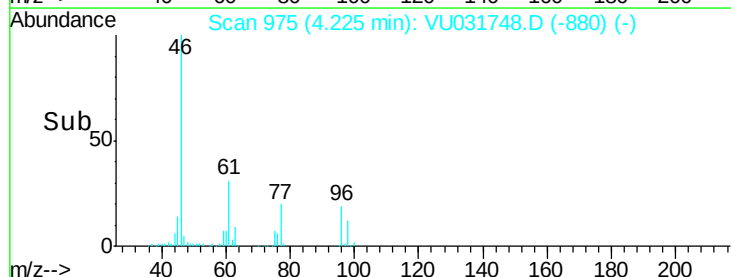
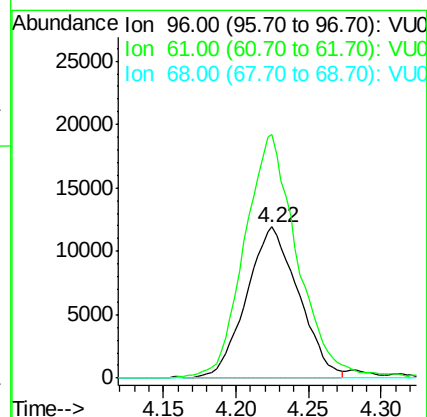
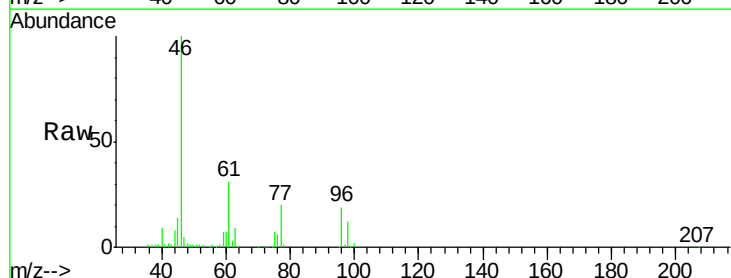
Tgt Ion: 96 Resp: 29851

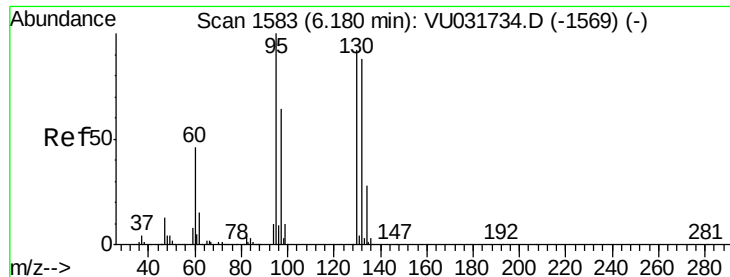
Ion Ratio Lower Upper

96 100

61 161.0 99.5 184.7

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 27.543 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031748.D

Acq: 03 May 2019 14:31

Instrument :

MSVOA_U

ClientSampled :

C0B26

Tot Ion: 95 Resp: 198814

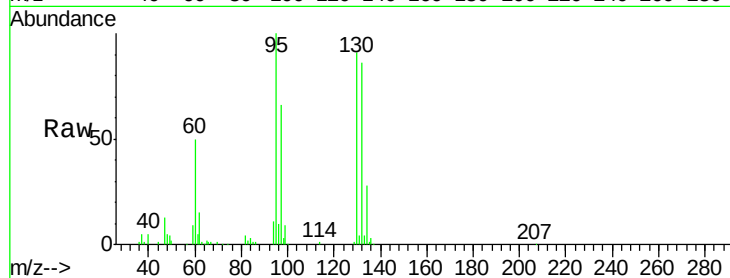
Ion Ratio Lower Upper

95 100

97 66.1 44.8 83.2

132 86.3 63.1 117.1

130 91.3 66.5 123.5

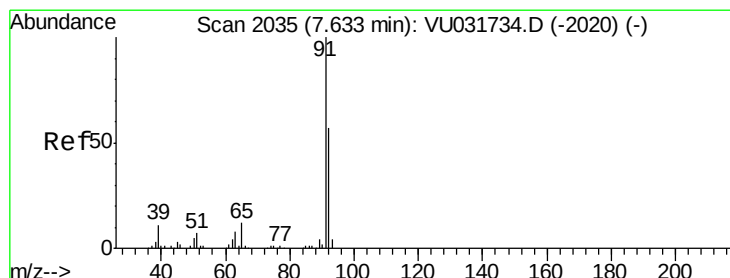
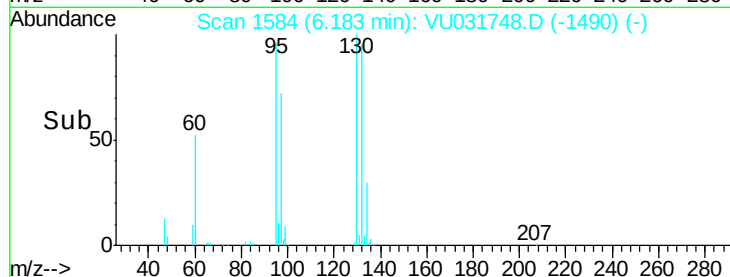
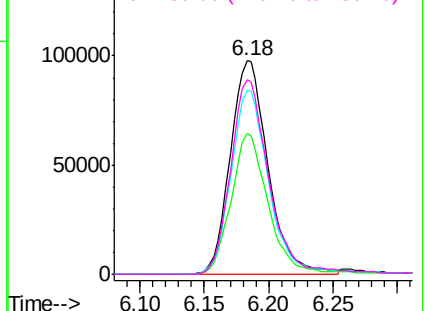


Abundance Ion 95.00 (94.70 to 95.70): VU031748.D (-1490) (-)

Ion 97.00 (96.70 to 97.70): VU031748.D (-1490) (-)

Ion 132.00 (131.70 to 132.70): VU031748.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU031748.D (-1490) (-)



#42

Toluene

Concen: 2.083 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031748.D

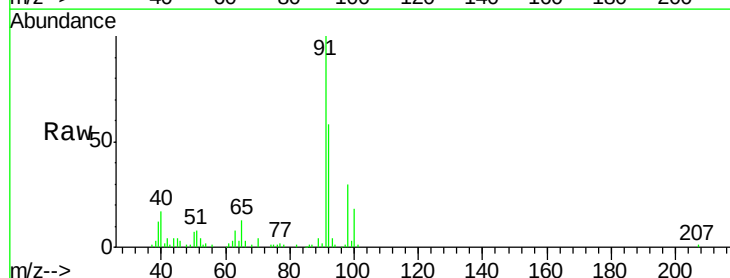
Acq: 03 May 2019 14:31

Tgt Ion: 91 Resp: 61802

Ion Ratio Lower Upper

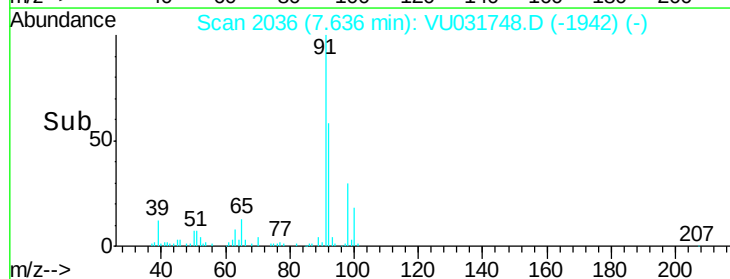
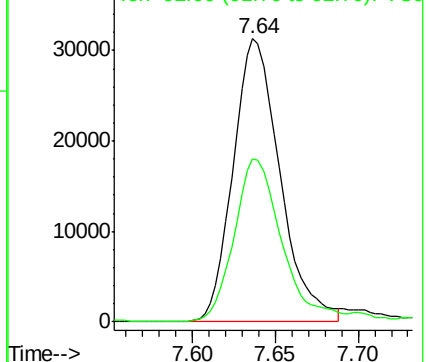
91 100

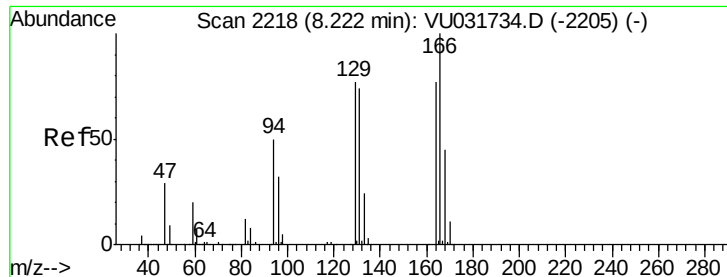
92 57.8 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU031748.D (-1942) (-)

Ion 92.00 (91.70 to 92.70): VU031748.D (-1942) (-)





#46

Tetrachloroethene

Concen: 460.003 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031748.D

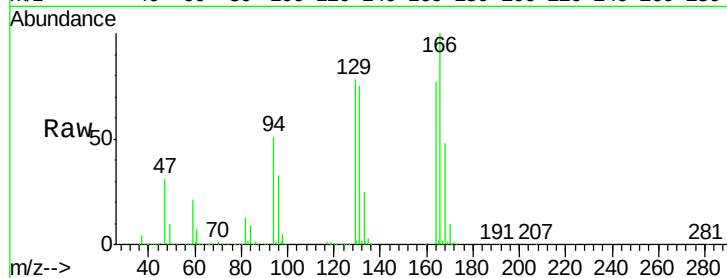
Acq: 03 May 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

C0B26



Tot Ion:164 Resp: 2263659

Ion Ratio Lower Upper

164 100

129 101.0 71.5 132.9

131 97.4 69.0 128.2

166 130.1 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

