

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017919.D
 Acq On : 15 Aug 2020 00:13
 Operator : JC/SP
 Sample : L3701-08
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JLTx7

Quant Time: Aug 17 04:19:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 04:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	266025	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	245437	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	111801	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	79066	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.70	69	67289	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.34	63	123709	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.54	46	245030	50.19	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.38%
24) Chloroform-d	5.14	84	174870	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	6.03	65	95173	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	6.04	84	303739	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	7.37	67	108702	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	8.70	98	240952	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
45) trans-1,3-Dichloropropene-	8.99	79	34851	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
48) 2-Hexanone-d5	9.43	63	184225	49.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.28%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	80596	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	111733	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

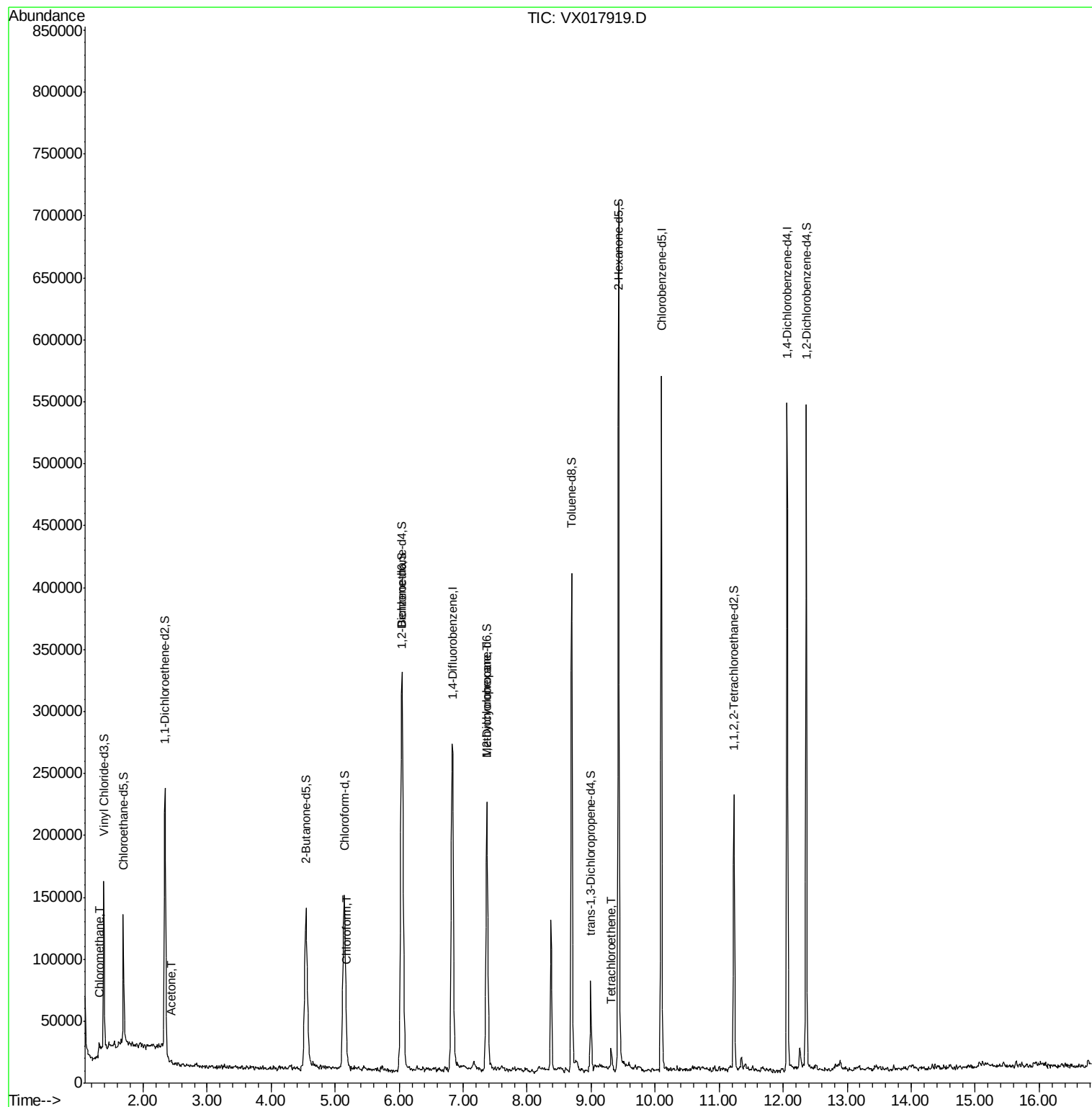
Target Compounds					Qvalue
3) Chloromethane	1.31	50	5135	0.203 ug/L	90
13) Acetone	2.43	43	2953	0.828 ug/L	98
25) Chloroform	5.18	83	7967	0.179 ug/L	86
35) Methylcyclohexane	7.37	83	26705	0.749 ug/L #	18
49) Tetrachloroethene	9.32	164	2411	0.119 ug/L	92

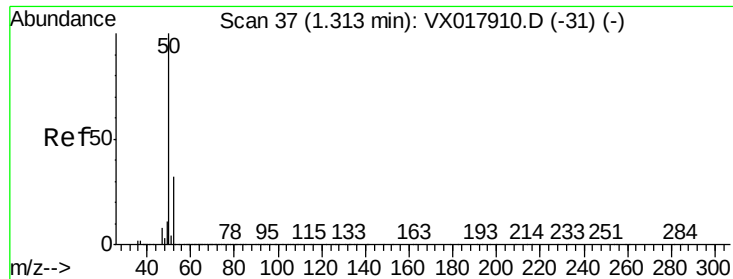
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.203 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

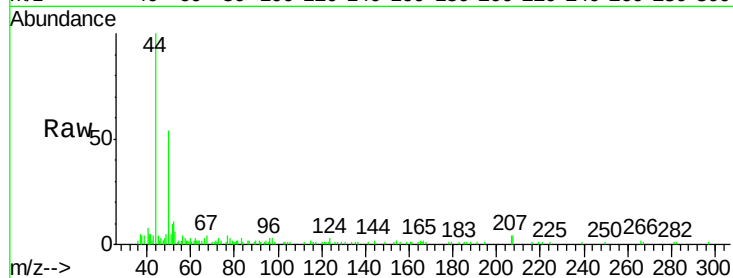
JLTX7

Tgt Ion: 50 Resp: 5135

Ion Ratio Lower Upper

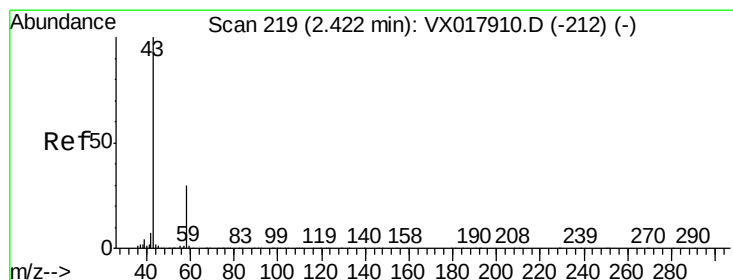
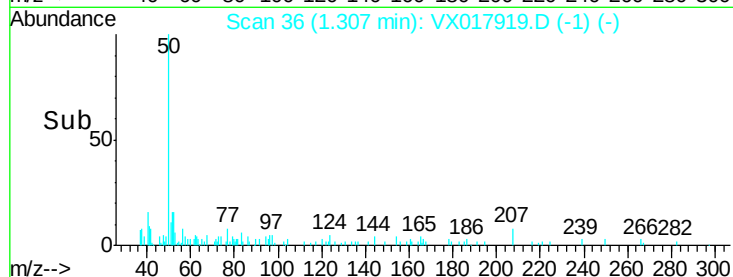
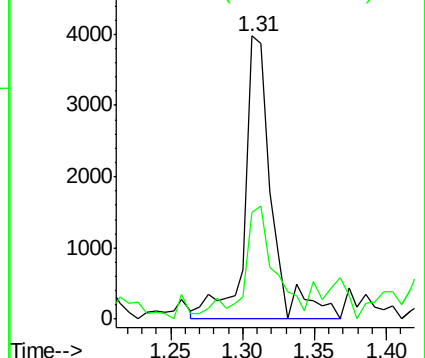
50 100

52 37.9 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#13

Acetone

Concen: 0.828 ug/L

RT: 2.43 min Scan# 221

Delta R.T. 0.01 min

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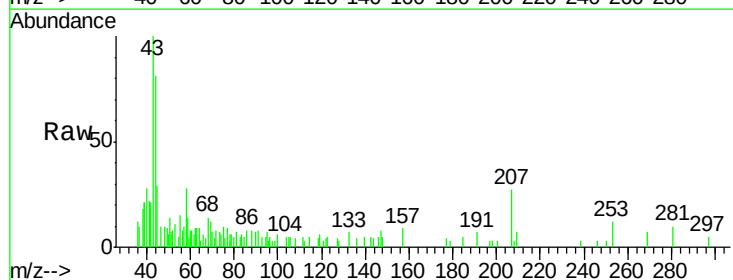
Acq: 15 Aug 2020 00:13

Tgt Ion: 43 Resp: 2953

Ion Ratio Lower Upper

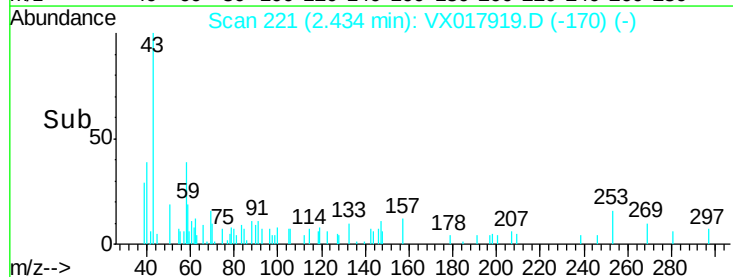
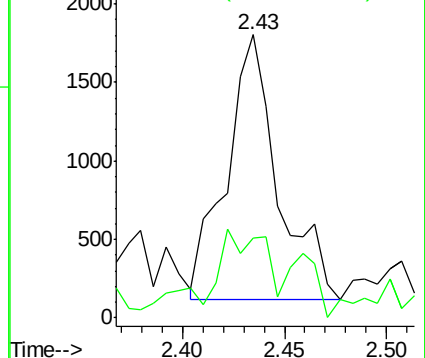
43 100

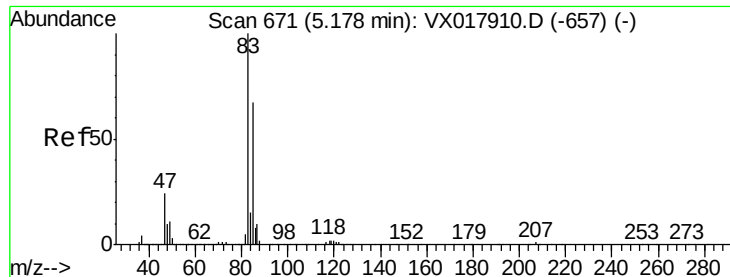
58 29.2 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#25

Chloroform

Concen: 0.179 ug/L

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

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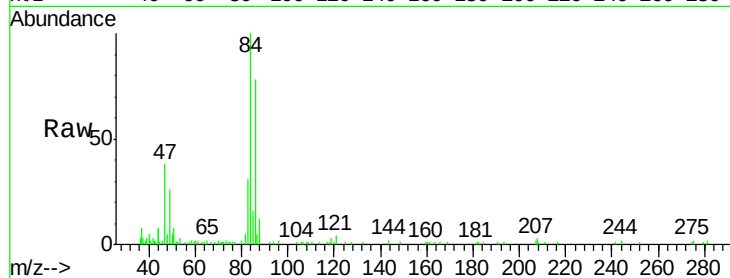
JLTX7

Tgt Ion: 83 Resp: 7967

Ion Ratio Lower Upper

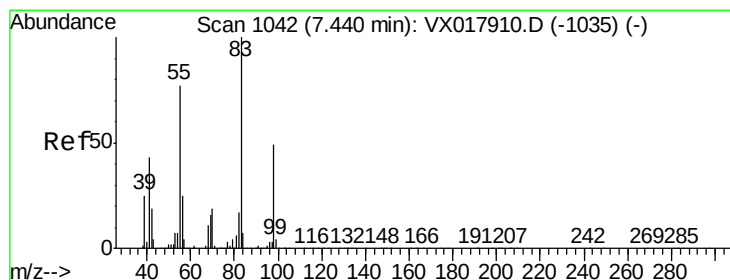
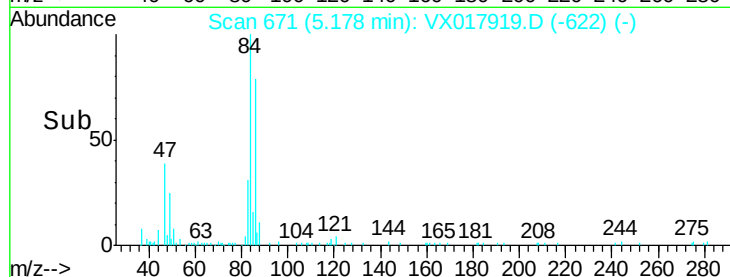
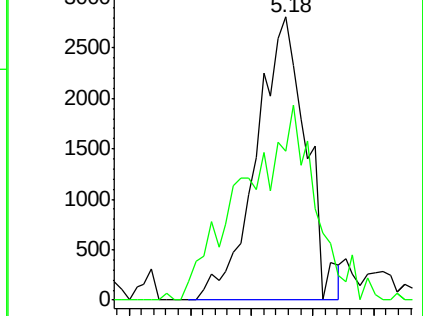
83 100

85 52.7 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#35

Methylcyclohexane

Concen: 0.749 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.07 min

Lab File: VX017919.D

Acq: 15 Aug 2020 00:13

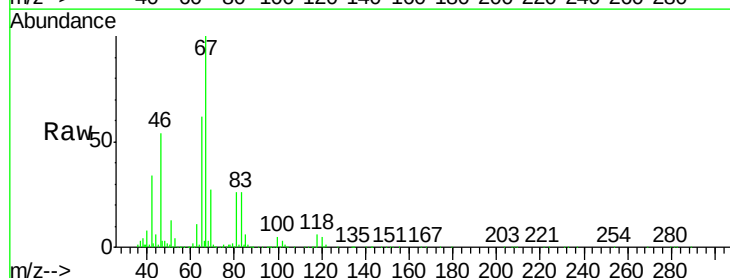
Tgt Ion: 83 Resp: 26705

Ion Ratio Lower Upper

83 100

55 0.6 62.4 93.6#

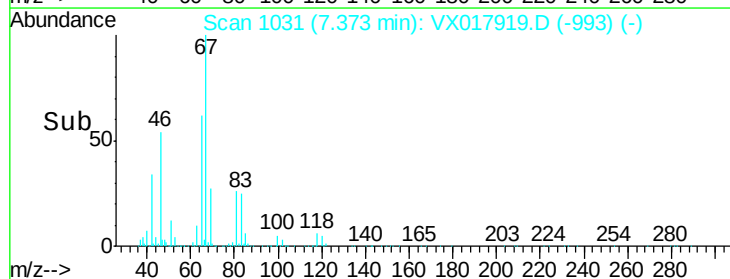
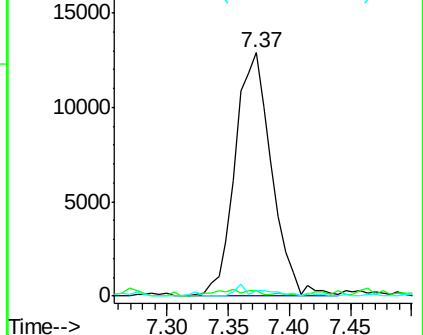
98 0.0 38.0 57.0#

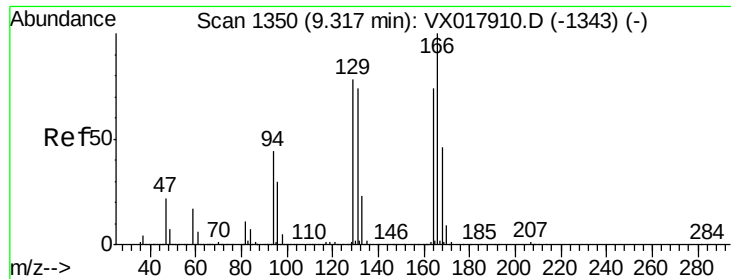


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#49

Tetrachloroethene

Concen: 0.119 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017919.D

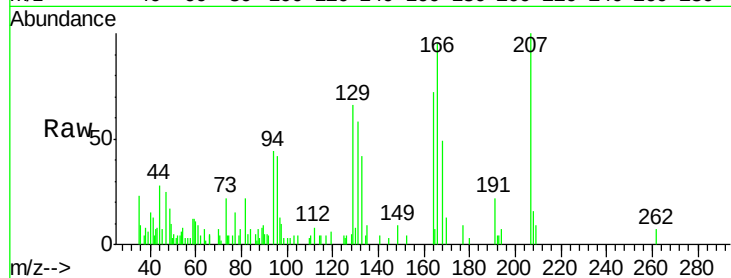
Acq: 15 Aug 2020 00:13

Instrument :

MSVOA_X

ClientSampleId :

JLTX7



Tgt Ion:164 Resp: 2411

Ion Ratio Lower Upper

164 100

129 92.8 67.4 125.2

131 80.7 65.3 121.3

166 132.4 87.2 161.9

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

