

Data File : VR025837.D
Acq On : 25 Sep 2018 1:15
Operator : SY/MD
Sample : J5045-11
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ETO22

Quant Time: Sep 25 08:51:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 25 08:50:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	332268	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	269231	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	86370	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	136105	5.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.40%
7) Chloroethane-d5	2.62	69	114307	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.40%
11) 1,1-Dichloroethene-d2	3.61	63	239914	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.40%
20) 2-Butanone-d5	6.59	46	181746	57.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.60%
24) Chloroform-d	7.20	84	241785	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	7.89	65	111364	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	7.85	84	500771	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	8.90	67	141785	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	9.97	98	431621	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	10.24	79	24093	3.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.80%
46) 2-Hexanone-d5	10.59	63	131997	52.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.80%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	53053	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	74339	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

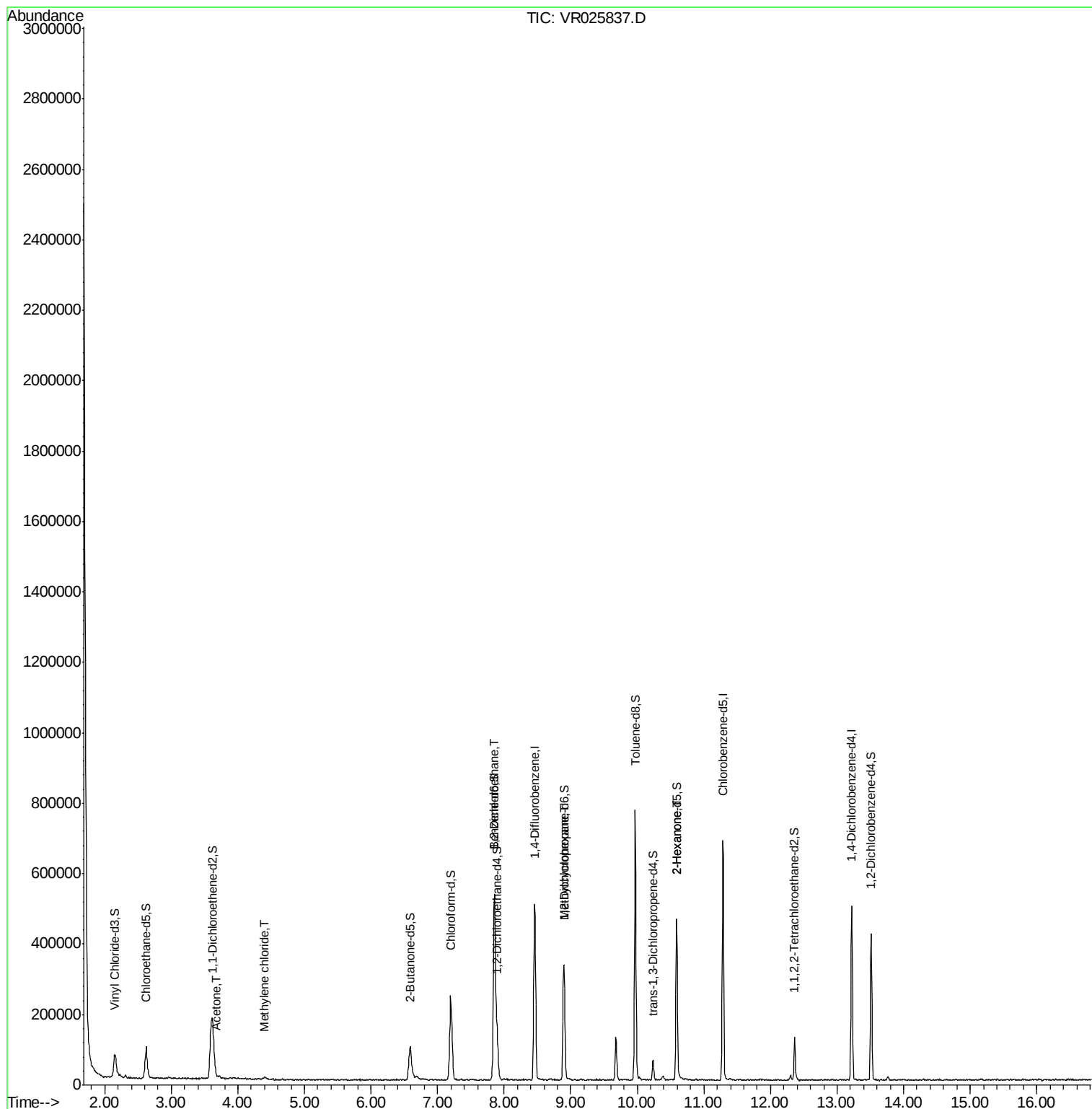
					Qvalue
13) Acetone	3.69	43	7244	3.461 ug/L	69
16) Methylene chloride	4.40	84	3139	0.122 ug/L	86
27) 1,2-Dichloroethane	7.85	62	4014	0.127 ug/L	97
35) Methylcyclohexane	8.90	83	33031	0.537 ug/L #	17
48) 2-Hexanone	10.59	43	21301	2.952 ug/L #	71

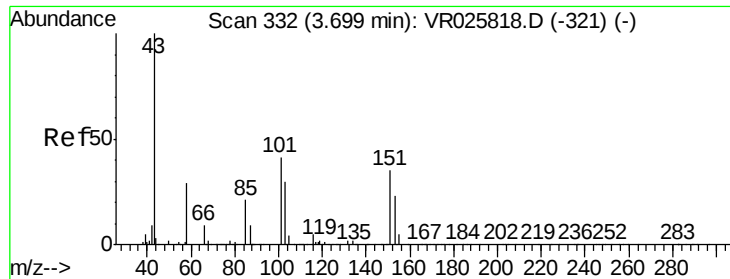
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.461 ug/L

RT: 3.69 min Scan# 330

Delta R.T. -0.01 min

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MSVOA_R

ClientSampleId :

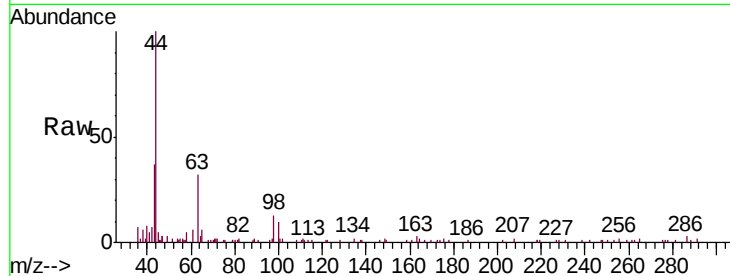
ETO22

Tgt Ion: 43 Resp: 7244

Ion Ratio Lower Upper

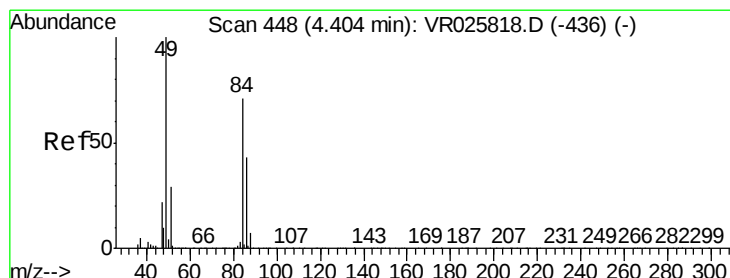
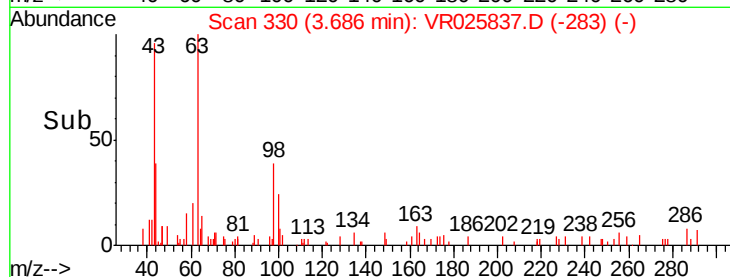
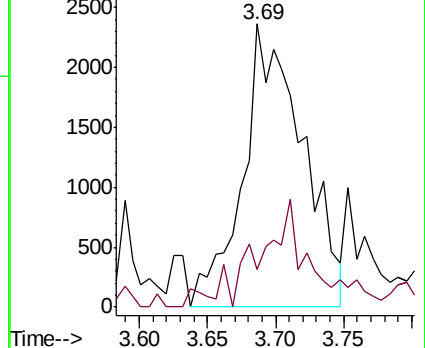
43 100

58 10.1 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#16

Methylene chloride

Concen: 0.122 ug/L

RT: 4.40 min Scan# 448

Delta R.T. -0.00 min

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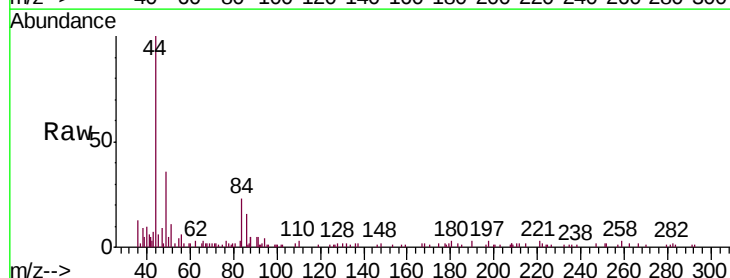
Tgt Ion: 84 Resp: 3139

Ion Ratio Lower Upper

84 100

86 69.7 43.1 80.1

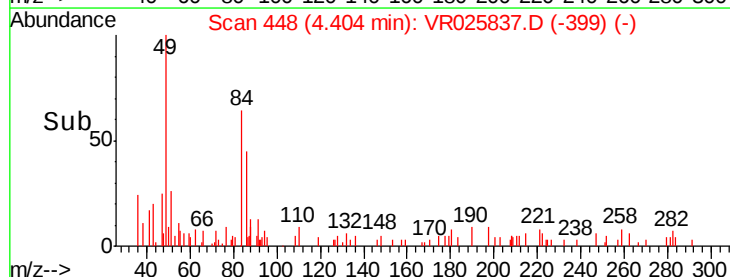
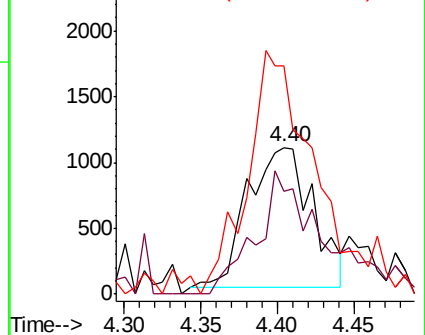
49 155.2 95.5 177.3

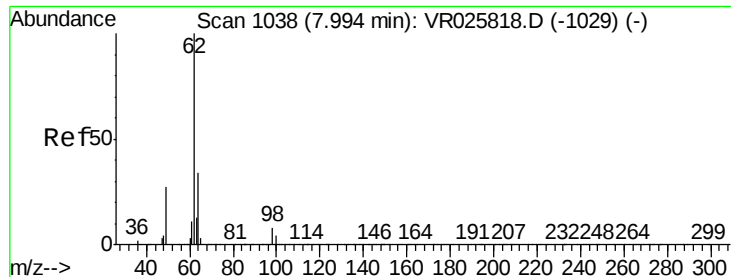


Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

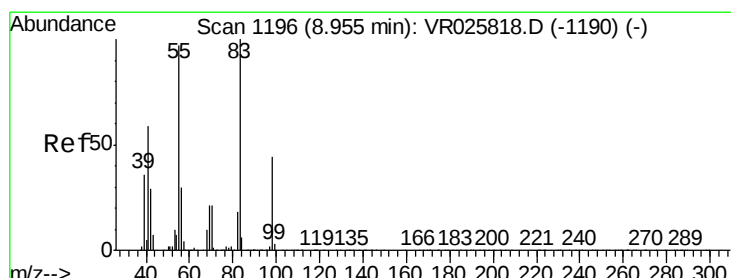
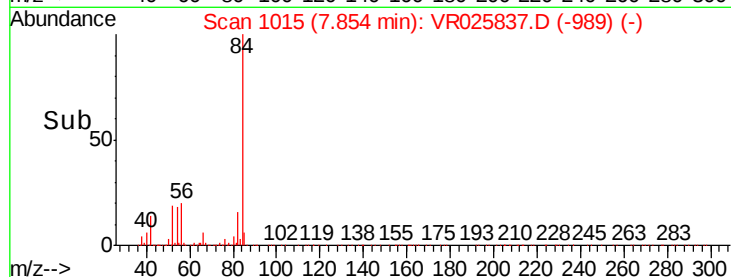
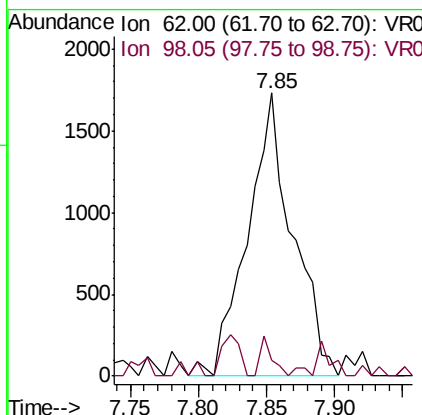
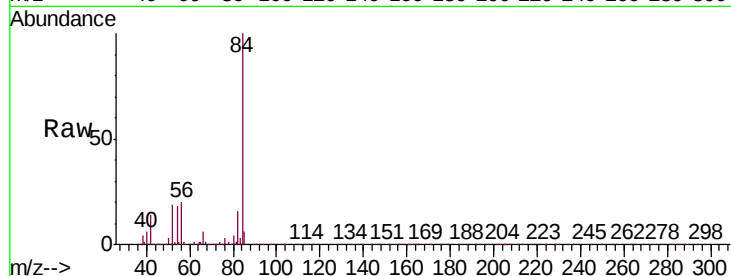




#27
 1,2-Dichloroethane
 Concen: 0.127 ug/L
 RT: 7.85 min Scan# 1015
 Delta R.T. -0.14 min
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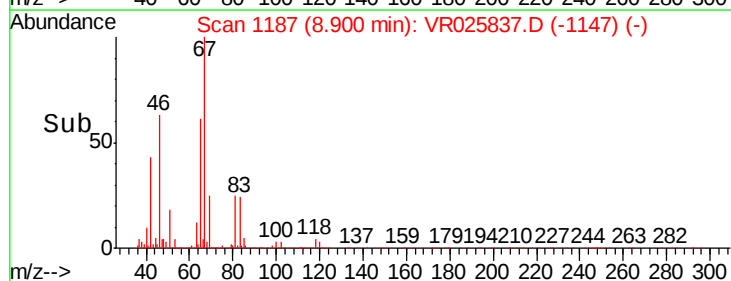
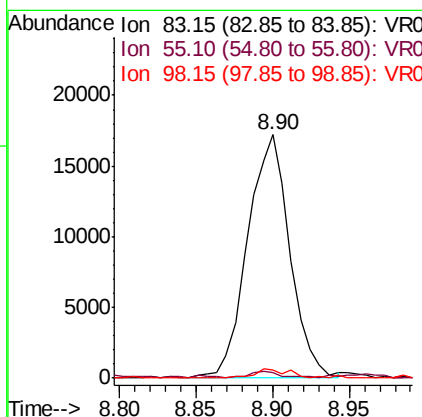
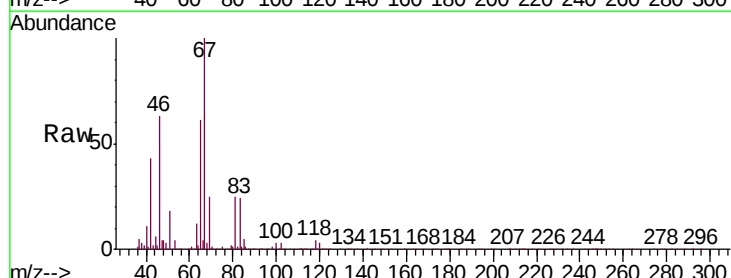
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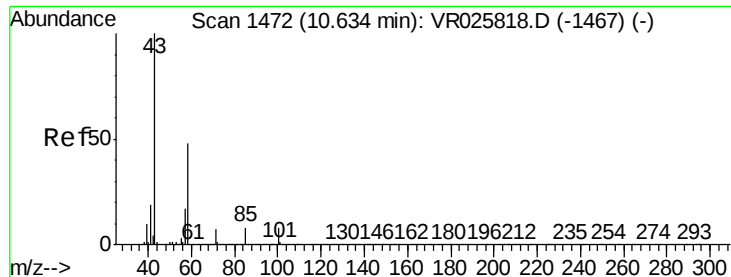
Tgt Ion: 62 Resp: 4014
 Ion Ratio Lower Upper
 62 100
 98 5.6 5.2 7.8



#35
 Methylcyclohexane
 Concen: 0.537 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
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 Acq: 25 Sep 2018 1:15

Tgt Ion: 83 Resp: 33031
 Ion Ratio Lower Upper
 83 100
 55 2.1 71.8 107.6#
 98 3.0 34.2 51.4#





#48

2-Hexanone

Concen: 2.952 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025837.D

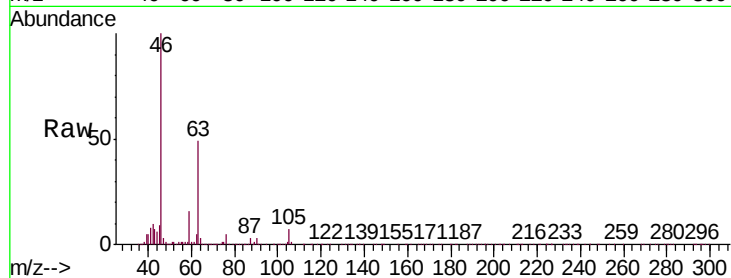
Acq: 25 Sep 2018 1:15

Instrument :

MSVOA_R

ClientSampleId :

ETO22



Tgt Ion:	43	Resp:	21301
Ion	Ratio	Lower	Upper
43	100		
58	23.6	39.5	59.3#
57	22.7	14.6	21.8#
100	1.7	6.7	10.1#

