

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU113018\
 Data File : VU028423.D
 Acq On : 30 Nov 2018 15:10
 Operator : MD/SY
 Sample : J6077-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Y45

Quant Time: Dec 01 00:47:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 23:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	548610	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	510373	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	238550	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	209278	42.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.28%
7) Chloroethane-d5	1.68	69	173856	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.28%
11) 1,1-Dichloroethene-d2	2.27	63	298291	34.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.34%
21) 2-Butanone-d5	4.17	46	374257	92.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.91%
24) Chloroform-d	4.65	84	351380	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.31	65	240514	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
32) Benzene-d6	5.34	84	759170	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
36) 1,2-Dichloropropane-d6	6.33	67	272084	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.92%
41) Toluene-d8	7.57	98	664012	46.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.24%
43) trans-1,3-Dichloropropene-	7.85	79	115927	44.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.56%
47) 2-Hexanone-d5	8.31	63	263661	95.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	334386	45.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	232204	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

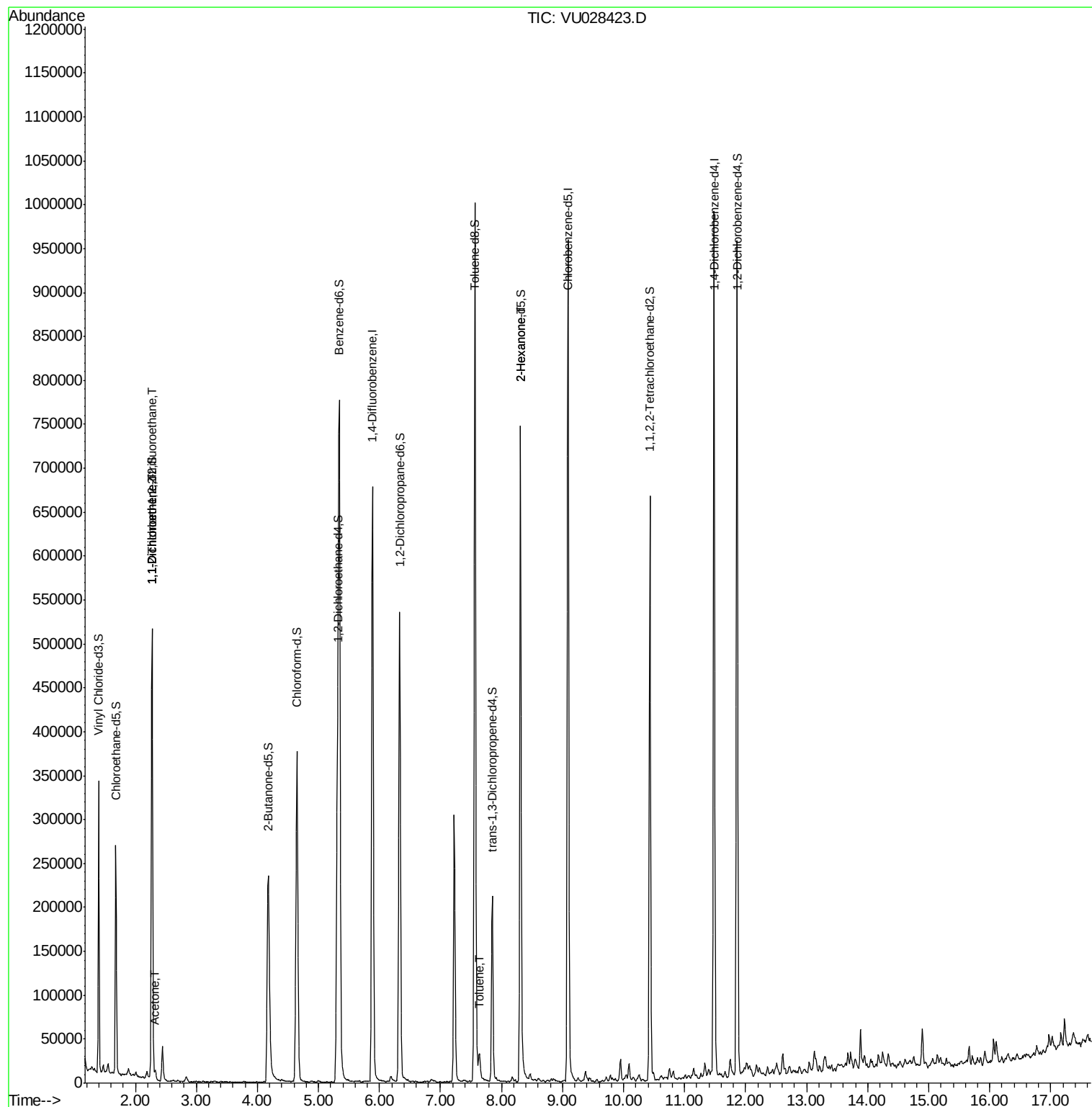
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2425	0.677 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1971	0.569 ug/L #	1
13) Acetone	2.32	43	8273	1.974 ug/L	97
42) Toluene	7.64	91	19121	1.072 ug/L	95
48) 2-Hexanone	8.31	43	33559	4.859 ug/L #	64

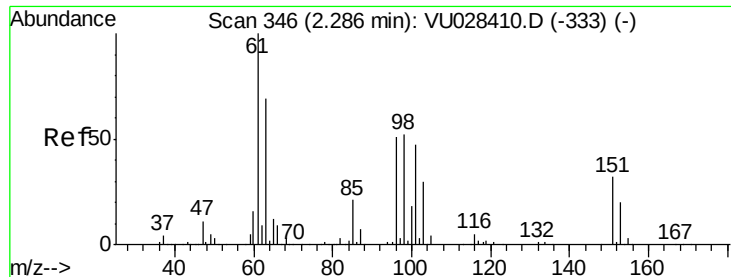
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU113018\
Data File : VU028423.D
Acq On : 30 Nov 2018 15:10
Operator : MD/SY
Sample : J6077-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9Y45

Quant Time: Dec 01 00:47:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 30 23:11:27 2018
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.677 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU028423.D

Acq: 30 Nov 2018 15:10

Instrument :

MSVOA_U

ClientSampleId :

F9Y45

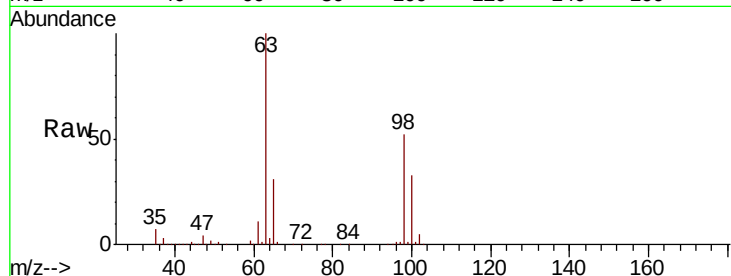
Tgt Ion: 101 Resp: 2425

Ion Ratio Lower Upper

101 100

85 0.0 36.5 54.7#

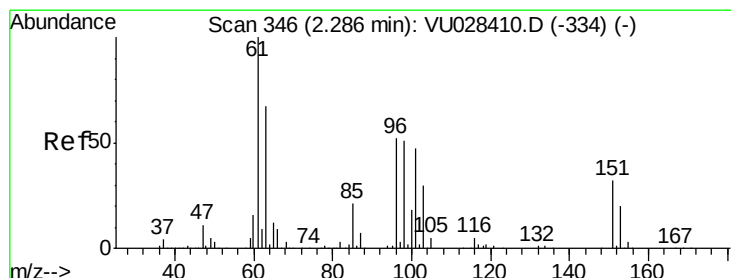
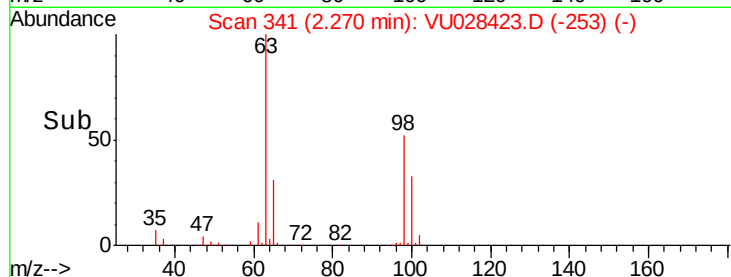
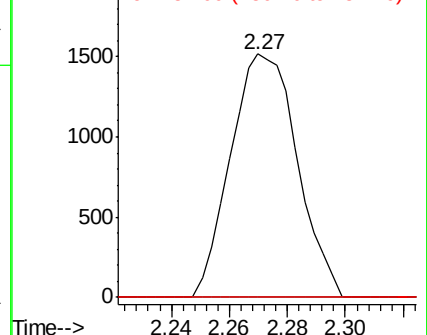
151 0.0 55.0 82.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.569 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU028423.D

Acq: 30 Nov 2018 15:10

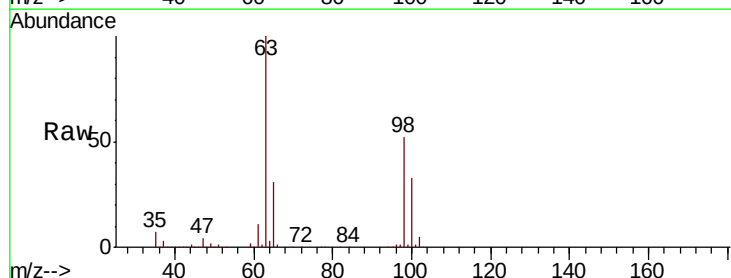
Tgt Ion: 96 Resp: 1971

Ion Ratio Lower Upper

96 100

61 1464.6 136.2 252.9#

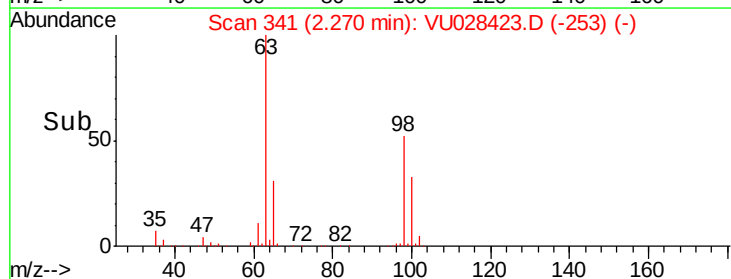
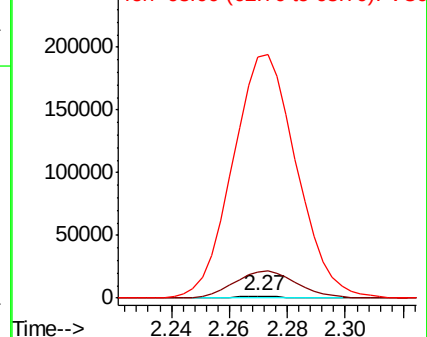
63 13301.5 95.5 177.4#

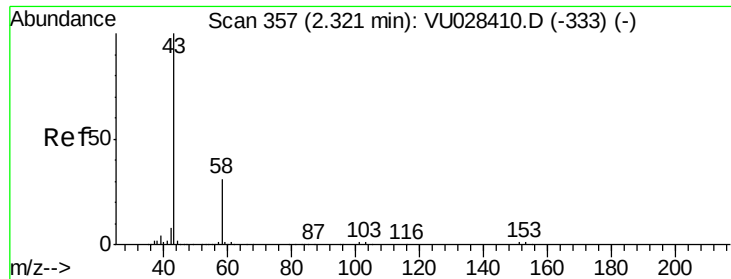


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.974 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028423.D

Acq: 30 Nov 2018 15:10

Instrument :

MSVOA_U

ClientSampleId :

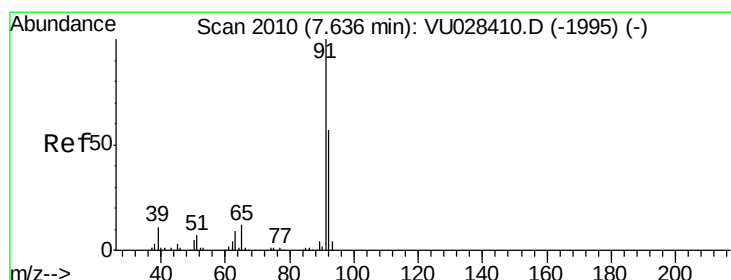
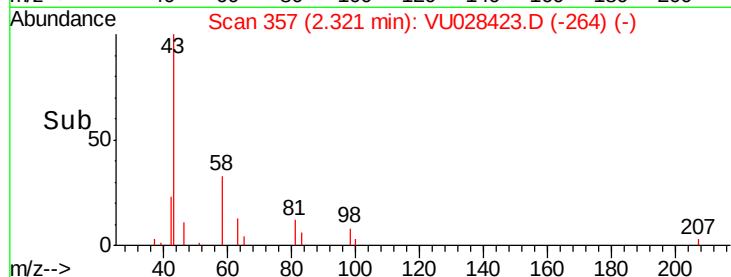
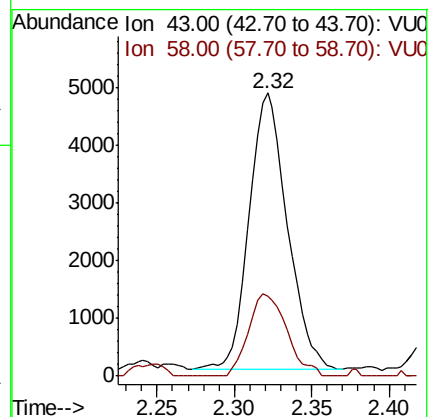
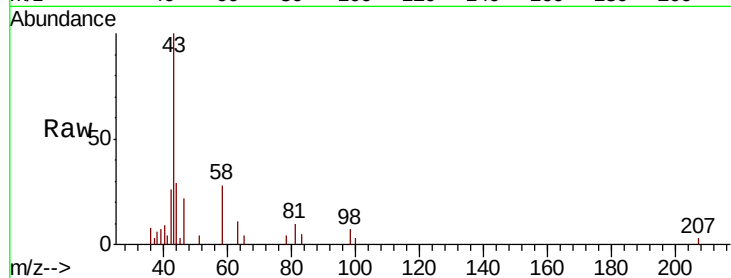
F9Y45

Tgt Ion: 43 Resp: 8273

Ion Ratio Lower Upper

43 100

58 29.8 0.0 63.0



#42

Toluene

Concen: 1.072 ug/L

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028423.D

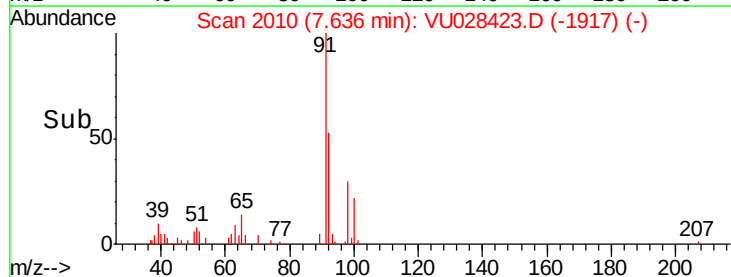
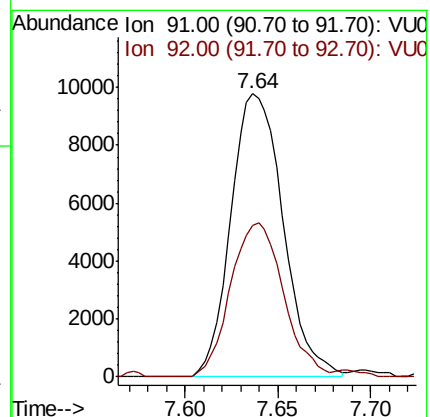
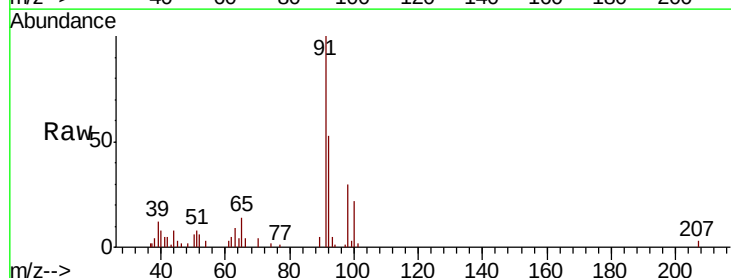
Acq: 30 Nov 2018 15:10

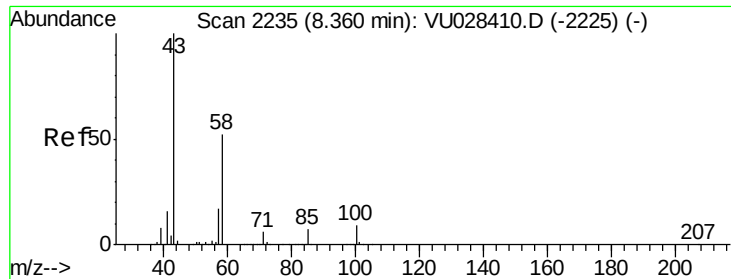
Tgt Ion: 91 Resp: 19121

Ion Ratio Lower Upper

91 100

92 53.4 40.1 74.5





#48

2-Hexanone

Concen: 4.859 ug/L

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU028423.D

Acq: 30 Nov 2018 15:10

Instrument :

MSVOA_U

ClientSampleId :

F9Y45

Tgt Ion: 43 Resp: 33559

Ion Ratio Lower Upper

43 100

58 20.7 41.4 62.0#

57 25.4 14.0 21.0#

100 0.1 7.0 10.6#

