

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006414.D
 Acq On : 26 Oct 2018 18:56
 Operator : SY/AP
 Sample : J5657-24
 Misc : 4.57G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40K4

Quant Time: Oct 26 23:49:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	306251	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	262213	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	110172	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	59957	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.44%
7) Chloroethane-d5	2.90	69	61635	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.92%
10) 1,1-Dichloroethene-d2	4.01	63	96904	14.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.44%
20) 2-Butanone-d5	7.09	46	53739	46.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.88%
24) Chloroform-d	7.65	84	154616	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	8.31	65	91408	24.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.64%
29) Benzene-d6	8.28	84	300410	25.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.92%
33) 1,2-Dichloropropane-d6	9.28	67	90948	25.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.24%
37) Toluene-d8	10.33	98	276401	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.88%
38) trans-1,3-Dichloropropene-	10.58	79	34044	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.00%
39) 2-Hexanone-d5	10.93	63	43048	49.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89269	25.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	90367	23.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.72%

Target Compounds

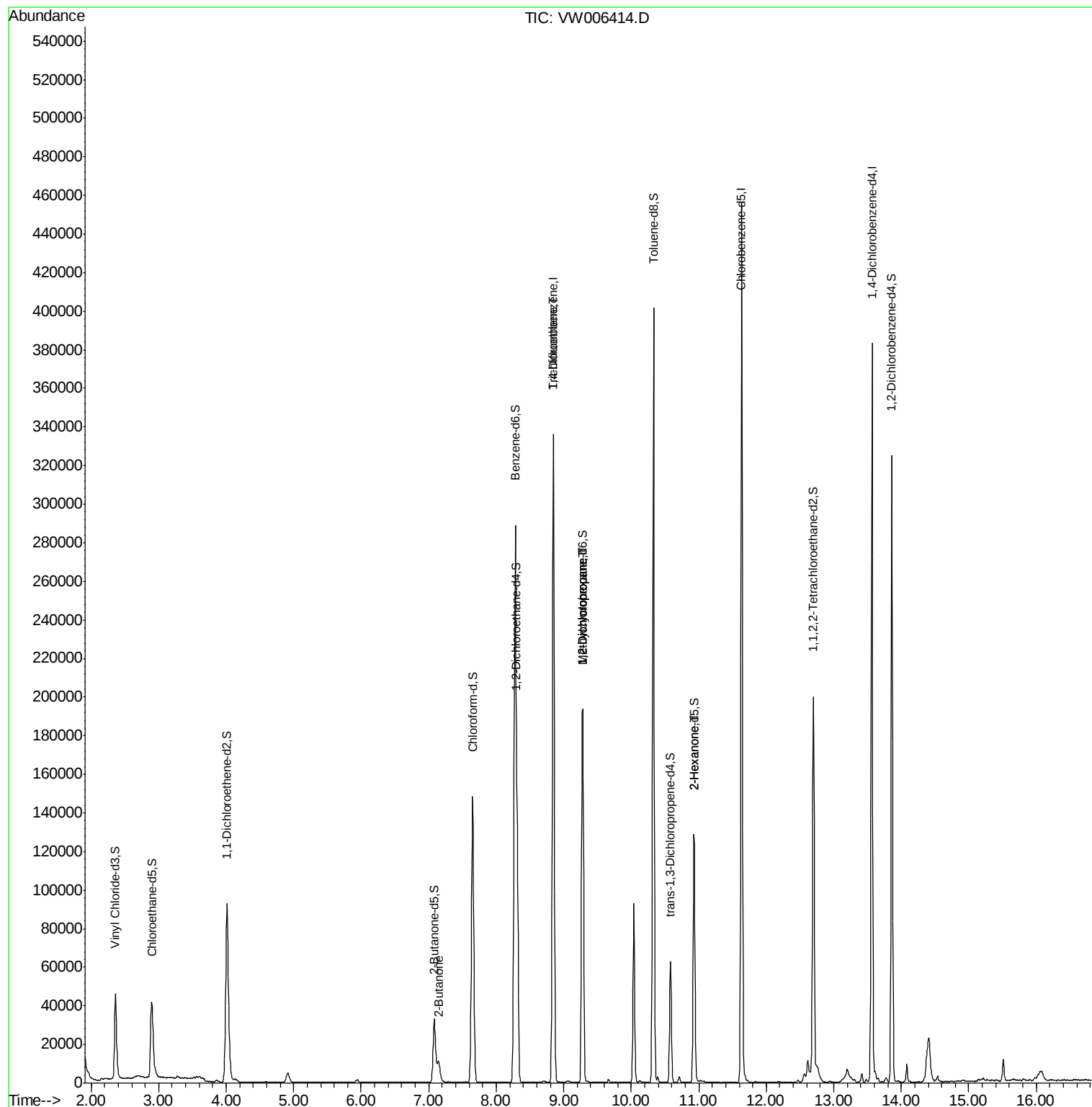
					Qvalue
21) 2-Butanone	7.15	43	918	0.597 ug/L #	47
35) Trichloroethene	8.84	95	8822	2.329 ug/L #	2
36) Methylcyclohexane	9.28	83	22645	3.263 ug/L #	21
40) 1,2-Dichloropropane	9.27	63	10441	3.127 ug/L #	87
49) 2-Hexanone	10.93	43	6326	3.208 ug/L #	67

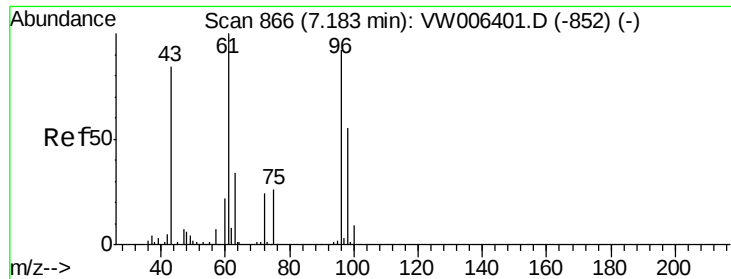
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 0.597 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006414.D

Acq: 26 Oct 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

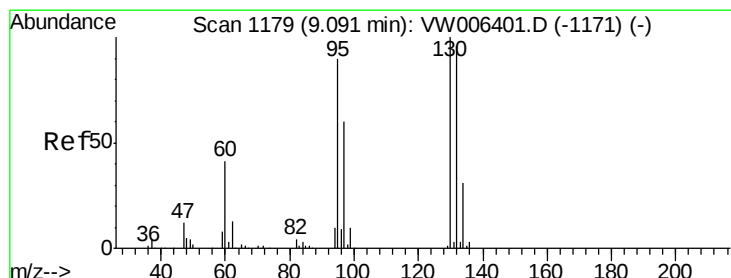
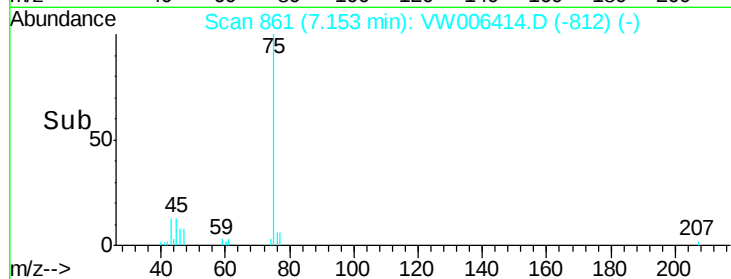
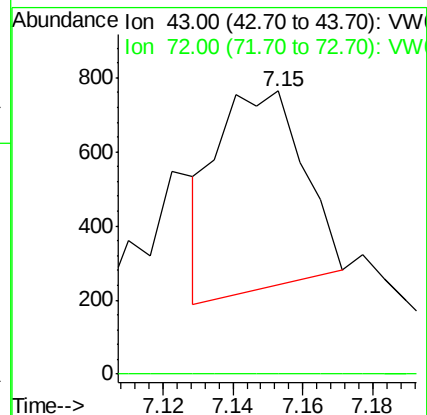
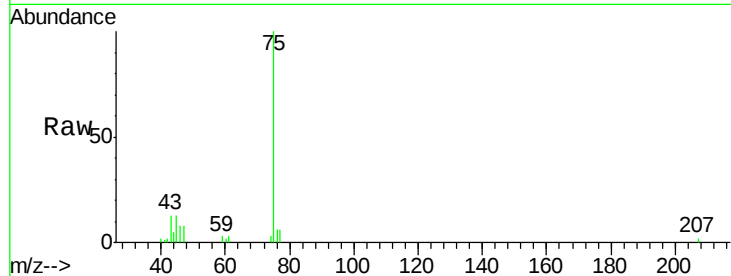
A40K4

Tgt Ion: 43 Resp: 918

Ion Ratio Lower Upper

43 100

72 0.0 13.8 41.4#



#35

Trichloroethene

Concen: 2.329 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW006414.D

Acq: 26 Oct 2018 18:56

Tgt Ion: 95 Resp: 8822

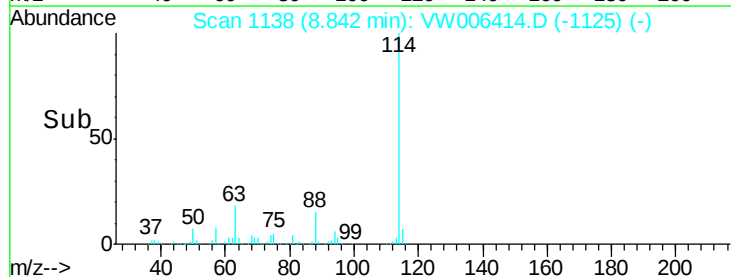
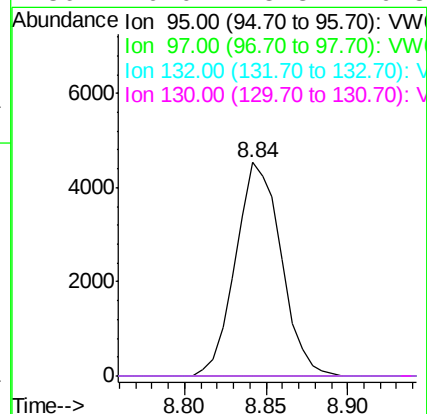
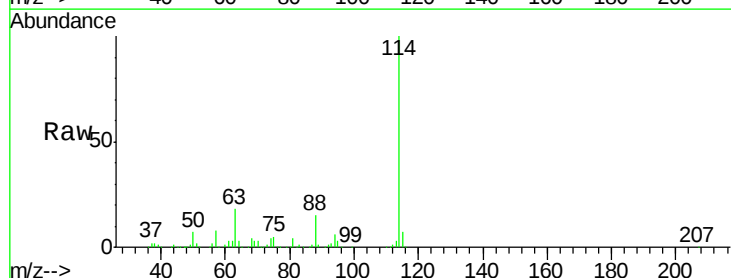
Ion Ratio Lower Upper

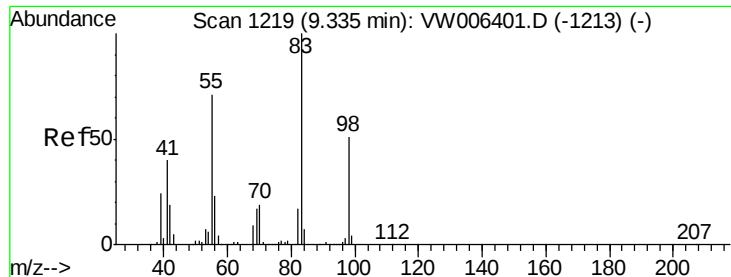
95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

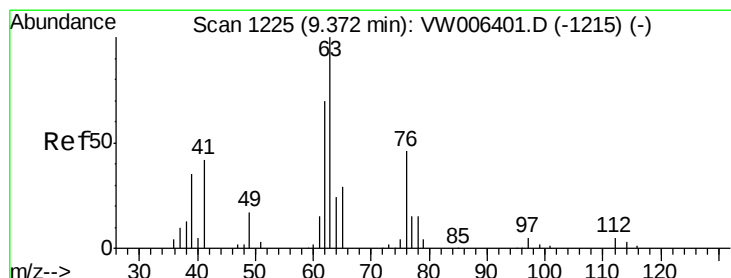
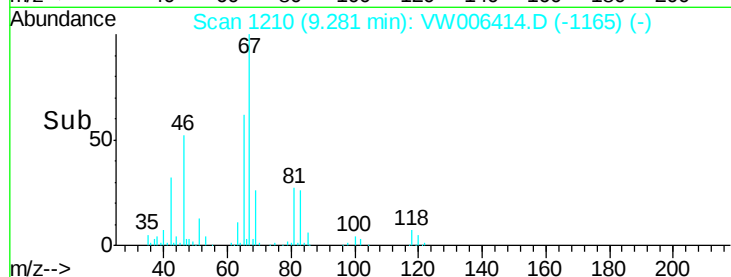
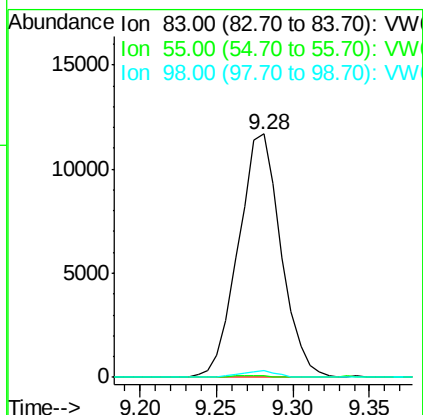
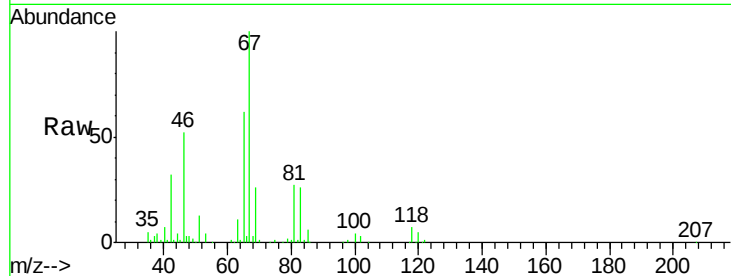




#36
Methylcyclohexane
Concen: 3.263 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW006414.D
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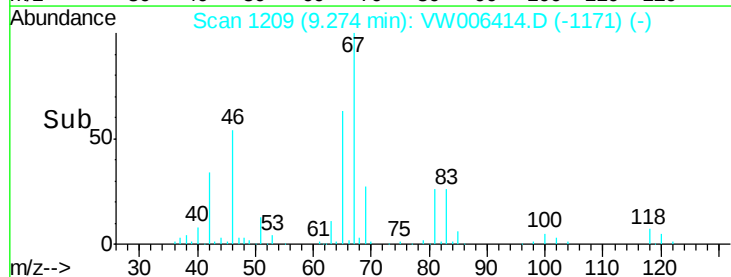
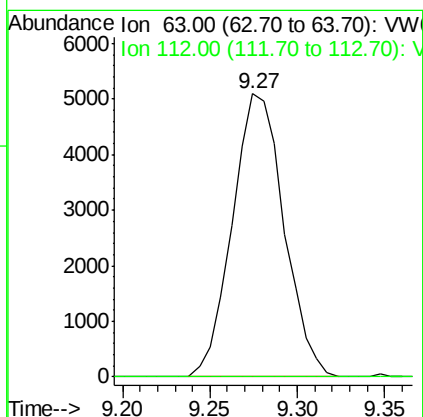
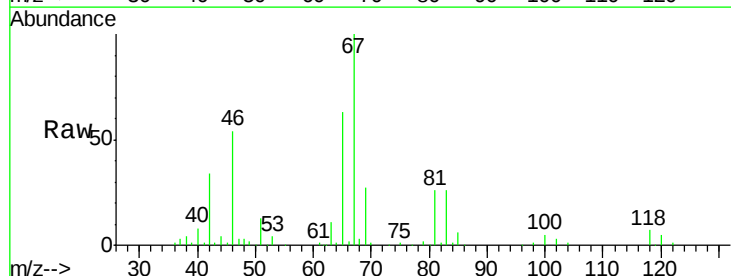
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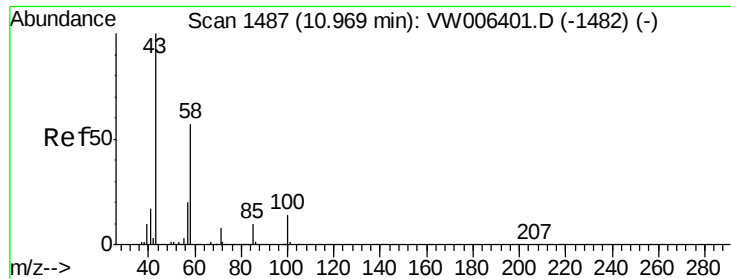
Tgt Ion: 83 Resp: 22645
Ion Ratio Lower Upper
83 100
55 0.5 57.1 85.7#
98 2.1 38.9 58.3#



#40
1,2-Dichloropropane
Concen: 3.127 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW006414.D
Acq: 26 Oct 2018 18:56

Tgt Ion: 63 Resp: 10441
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

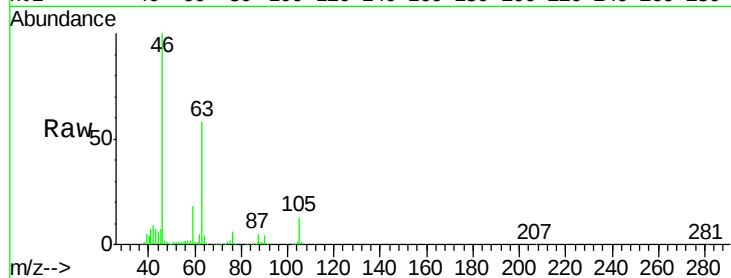




#49
 2-Hexanone
 Concen: 3.208 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW006414.D
 Acq: 26 Oct 2018 18:56

Instrument :
 MSVOA_W
 ClientSampleId :
 A40K4

Tgt Ion: 43 Resp: 6326
 Ion Ratio Lower Upper
 43 100
 58 22.2 42.1 63.1#
 57 21.9 15.1 22.7
 100 0.0 9.9 14.9#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW
 Ion 57.00 (56.70 to 57.70): VW
 Ion 100.00 (99.70 to 100.70): VW

