

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112420\
 Data File : VU041419.D
 Acq On : 24 Nov 2020 15:44
 Operator : SY/MD
 Sample : L4849-12DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4404DL

Quant Time: Nov 25 08:39:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 25 07:37:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	61575	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63210	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28276	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18983	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.92	69	14307	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.58	63	29866	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.65	46	73042	66.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.50%#
24) Chloroform-d	5.08	84	44257	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.72	65	29225	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.74	84	75182	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.70	67	20367	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	7.91	98	59343	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.19	79	10660	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.64	63	39197	53.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20232	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	26051	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

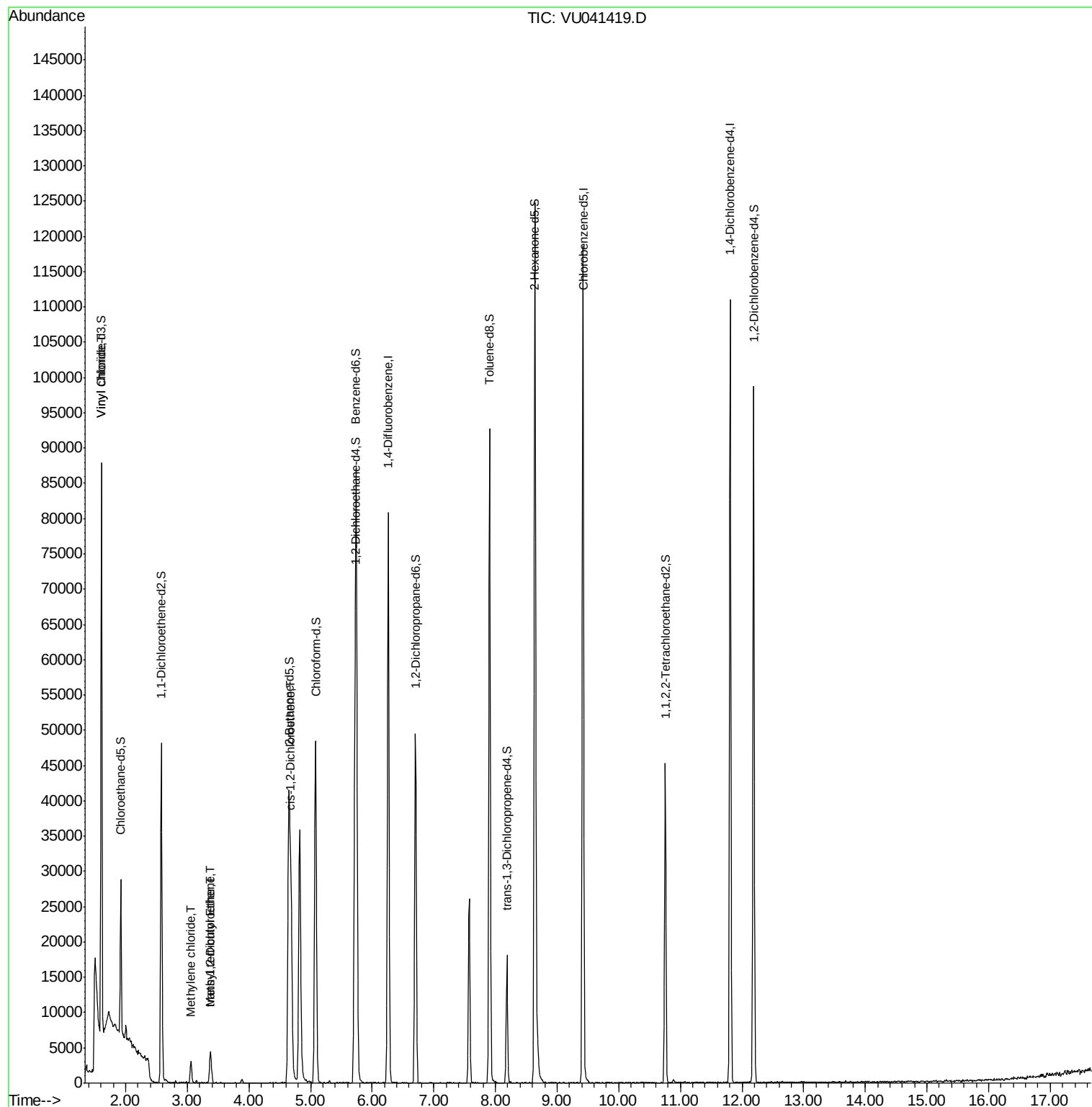
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	35551	6.607	ug/L	84
16) Methylene chloride	3.06	84	1451	0.268	ug/L	87
17) Methyl tert-butyl Ether	3.38	73	3190	0.338	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	660	0.161	ug/L #	78
22) cis-1,2-Dichloroethene	4.68	96	8966	2.050	ug/L	97

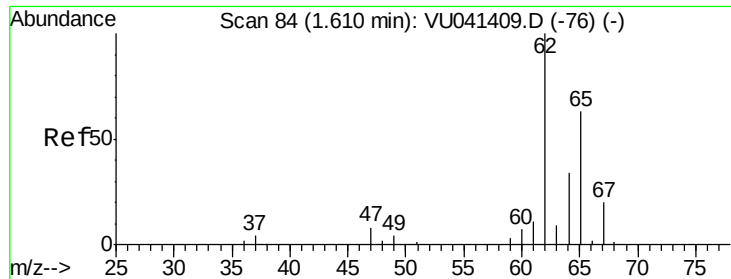
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 25 07:37:29 2020
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#5

Vinyl chloride

Concen: 6.607 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampled :

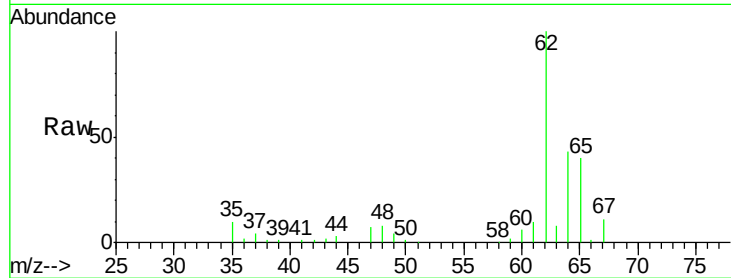
H4404DL

Tot Ion: 62 Resp: 3551

Ion Ratio Lower Upper

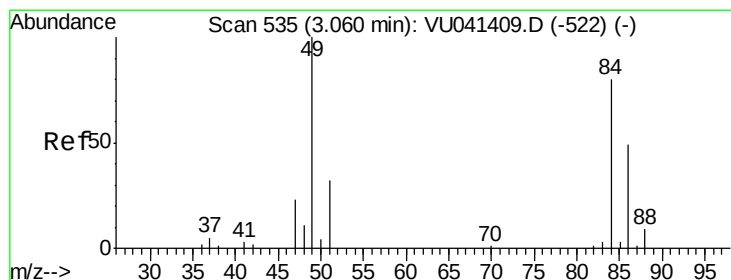
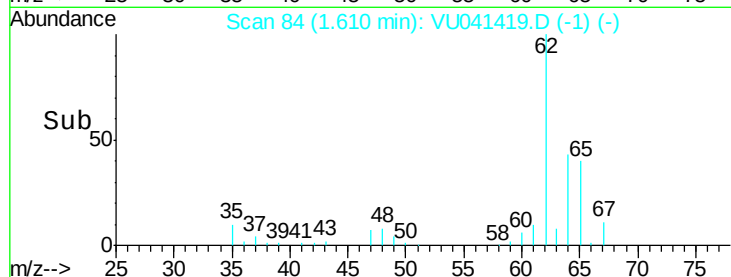
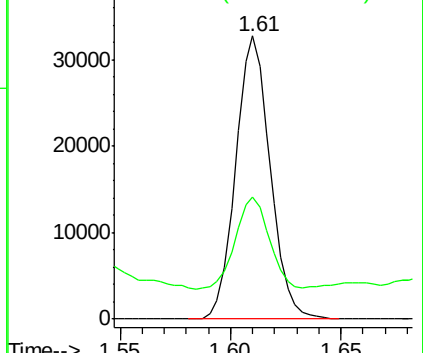
62 100

64 43.3 23.8 44.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#16

Methylene chloride

Concen: 0.268 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU041419.D

Acq: 24 Nov 2020 15:44

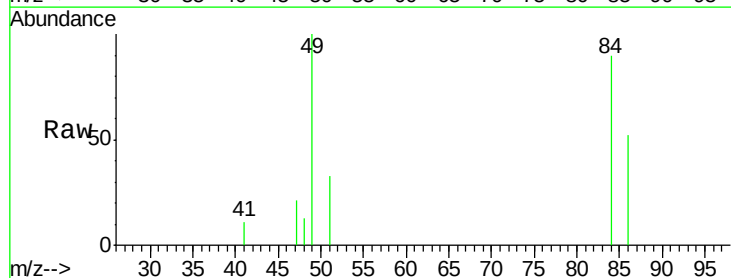
Tgt Ion: 84 Resp: 1451

Ion Ratio Lower Upper

84 100

86 57.0 44.4 82.5

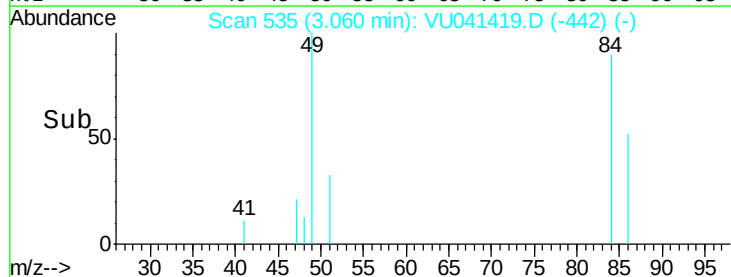
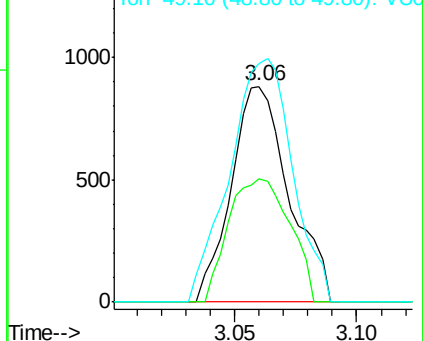
49 110.5 89.9 167.0

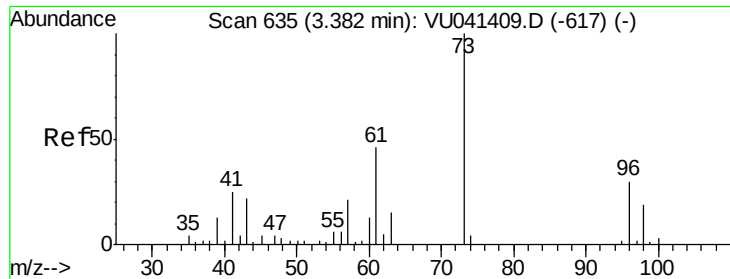


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

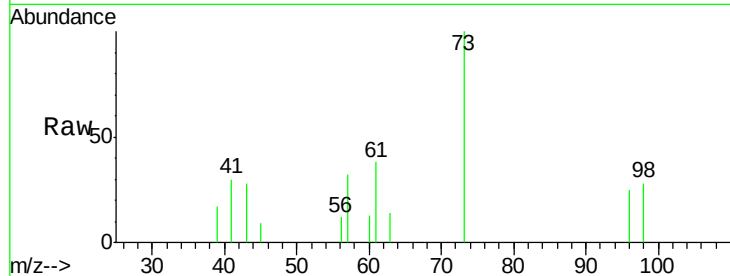




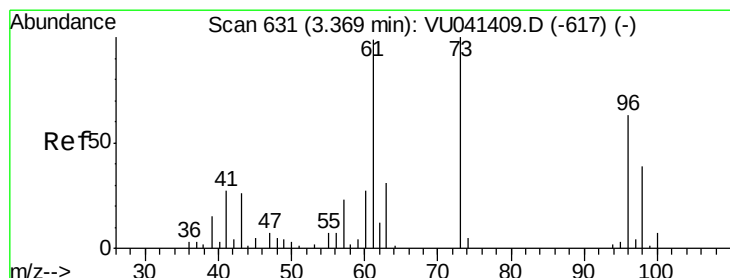
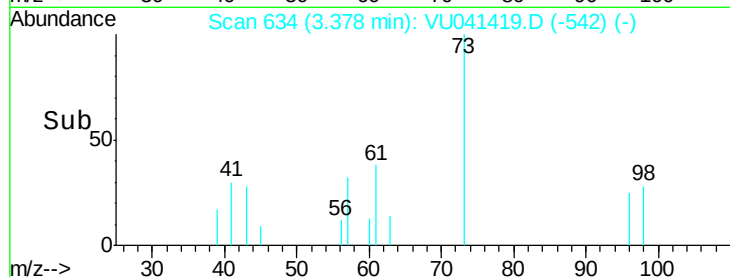
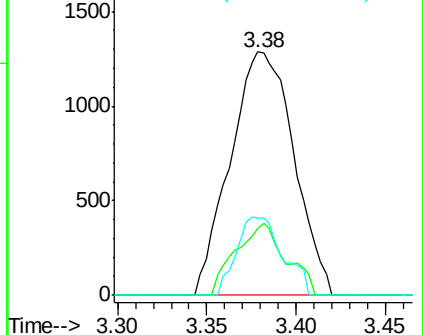
#17
Methyl tert-butyl Ether
Concen: 0.338 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041419.D
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Instrument :
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ClientSampleId :
H4404DL

Tot Ion: 73 Resp: 3190
Ion Ratio Lower Upper
73 100
43 23.4 18.3 27.5
57 23.3 17.7 26.5

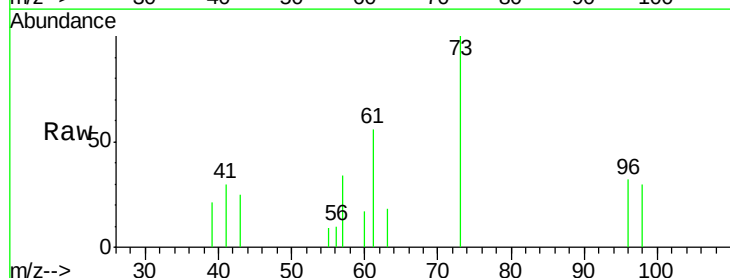


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

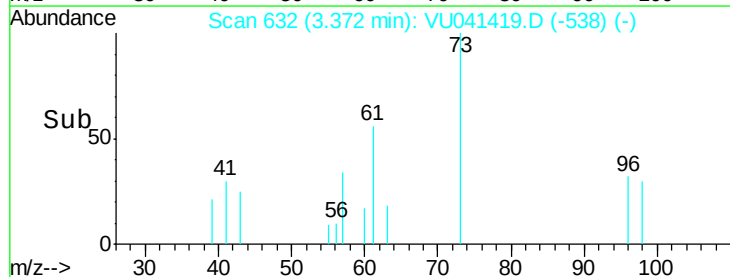
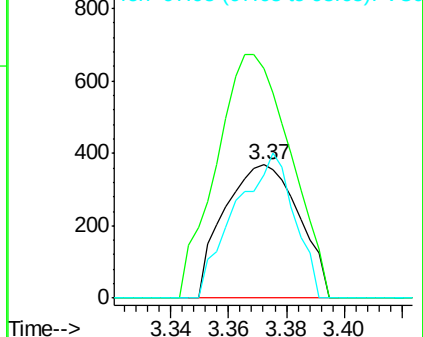


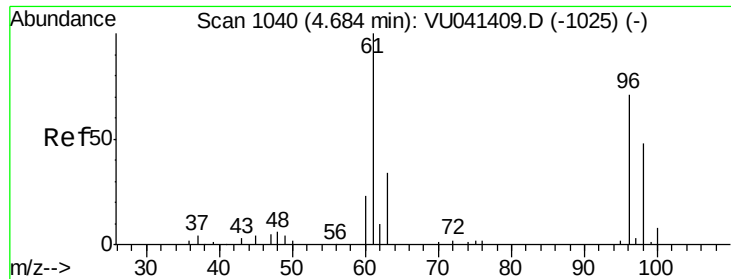
#18
trans-1,2-Dichloroethene
Concen: 0.161 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU041419.D
Acq: 24 Nov 2020 15:44

Tgt Ion: 96 Resp: 660
Ion Ratio Lower Upper
96 100
61 171.5 103.7 192.5
98 92.7 47.5 88.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0





#22
 cis-1,2-Dichloroethene
 Concen: 2.050 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU041419.D
 Acq: 24 Nov 2020 15:44

Instrument :
 MSVOA_U
 ClientSampleId :
 H4404DL

Tot Ion: 96 Resp: 8966
 Ion Ratio Lower Upper
 96 100
 61 139.5 95.3 176.9
 68 0.0 0.0 0.0

