

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015721.D
 Acq On : 27 Apr 2020 12:04
 Operator : SY/MD
 Sample : L2416-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKP0

Quant Time: Apr 28 02:58:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	135785	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	132369	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25323	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.58	69	28537	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.12	63	43844	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	3.91	46	109262	47.95	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.90%
24) Chloroform-d	4.38	84	74417	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.06	65	43529	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.08	84	137266	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.09	67	45240	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.34	98	122669	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	7.65	79	16605	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.11	63	77351	40.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34059	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	48645	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

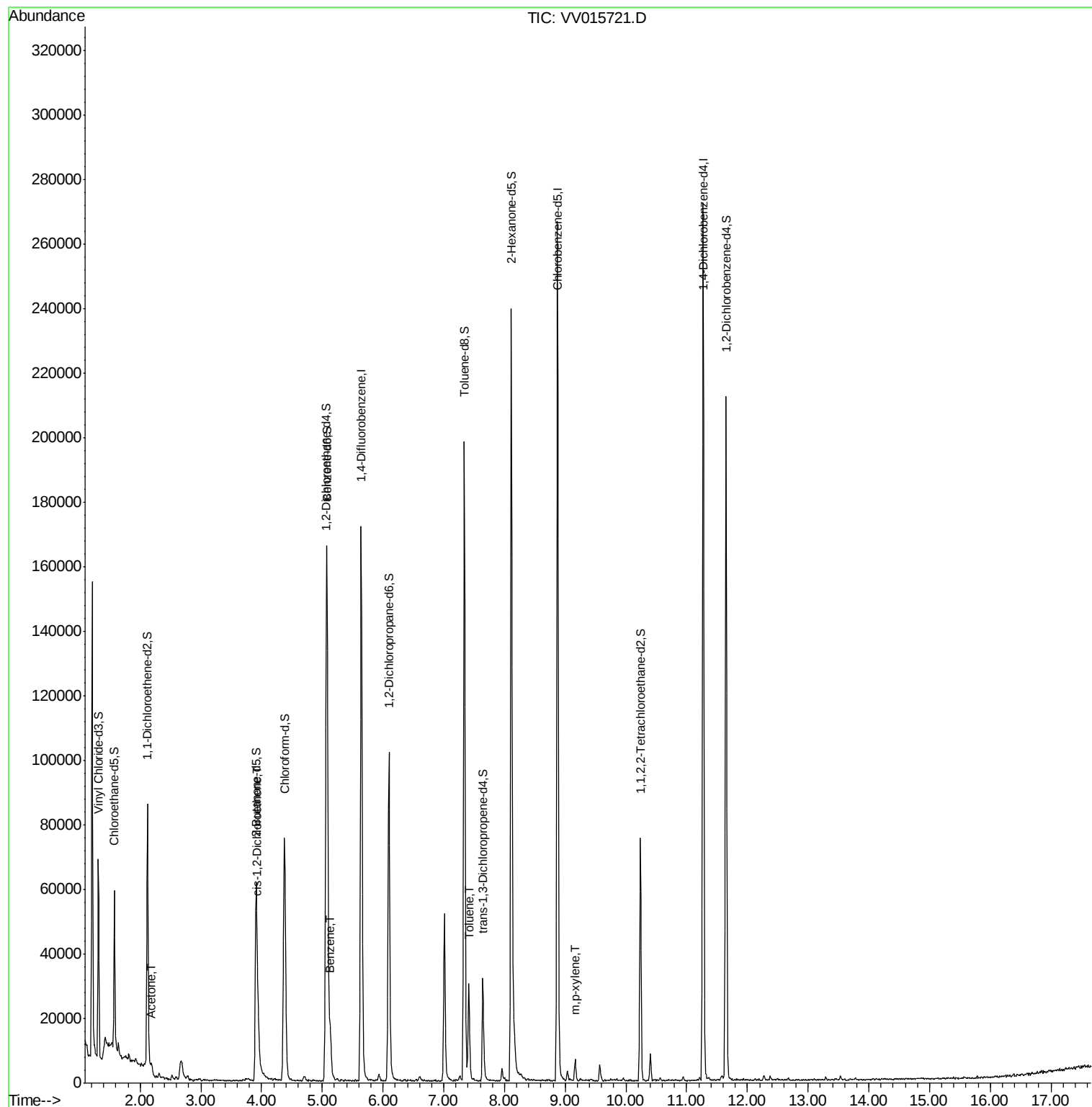
					Ovalue
13) Acetone	2.19	43	4184	2.645	ug/L 98
22) cis-1,2-Dichloroethene	3.94	96	1599	0.163	ug/L 93
33) Benzene	5.13	78	15533	0.411	ug/L 100
42) Toluene	7.41	91	21507	0.532	ug/L 95
53) m,p-xylene	9.17	106	1994	0.116	ug/L 80

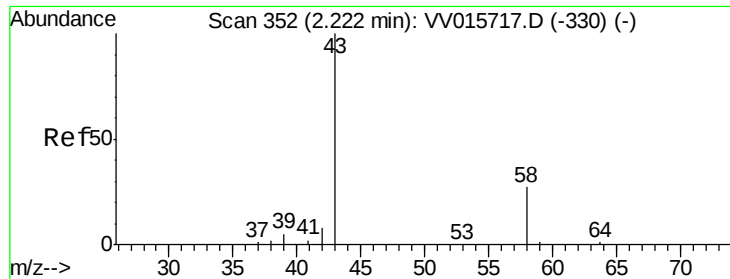
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.645 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

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Acq: 27 Apr 2020 12:04

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MSVOA_V

ClientSampleId :

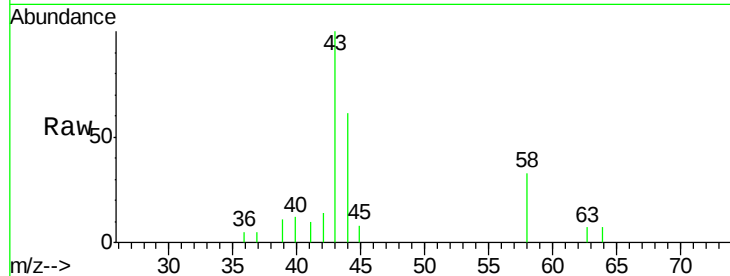
ETKP0

Tot Ion: 43 Resp: 4184

Ion Ratio Lower Upper

43 100

58 29.9 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

2000

1500

1000

500

0

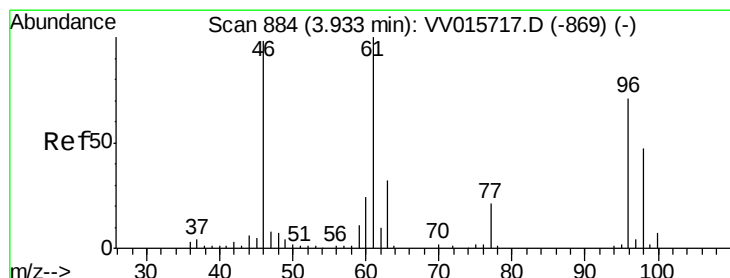
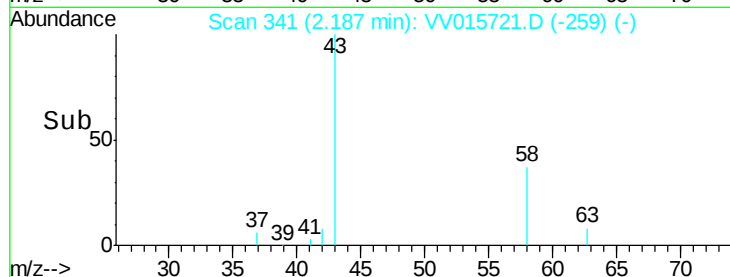
Time-->

2.10

2.15

2.20

2.25



#22

cis-1,2-Dichloroethene

Concen: 0.163 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

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Acq: 27 Apr 2020 12:04

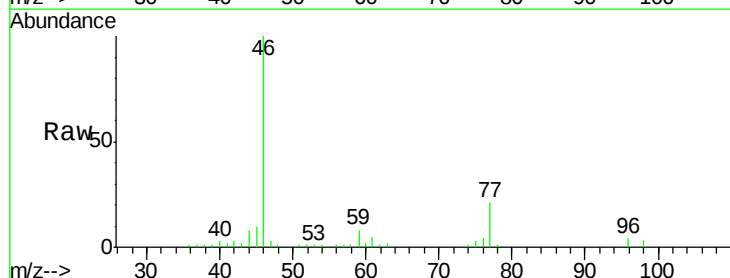
Tgt Ion: 96 Resp: 1599

Ion Ratio Lower Upper

96 100

61 129.5 96.4 179.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

1200

1000

800

600

400

200

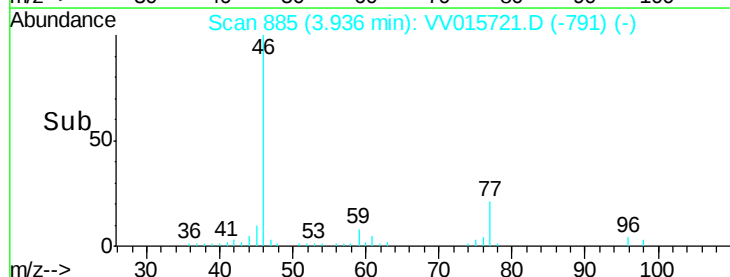
0

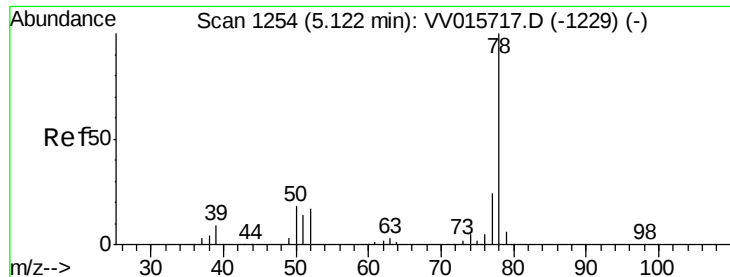
Time-->

3.90

3.95

4.00





#33

Benzene

Concen: 0.411 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV015721.D

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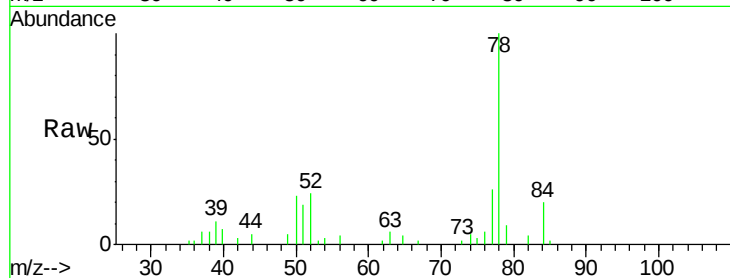
Instrument :

MSVOA_V

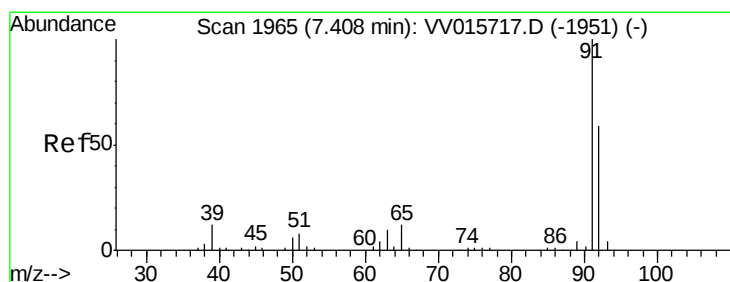
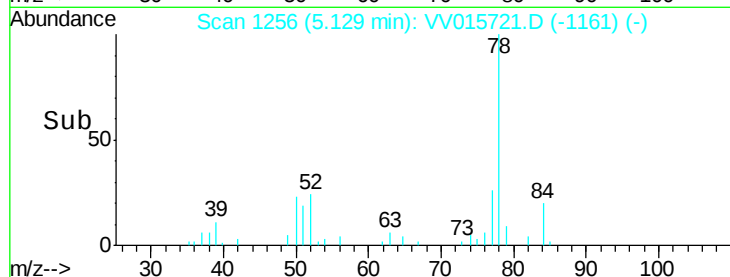
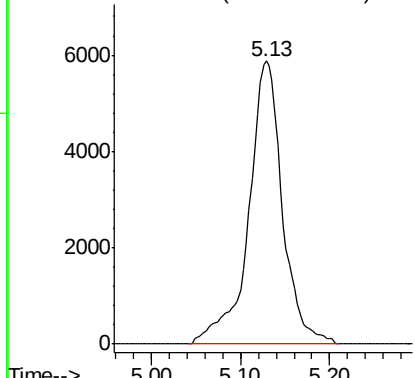
ClientSampleId :

ETKP0

Tgt Ion: 78 Resp: 15533



Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.532 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015721.D

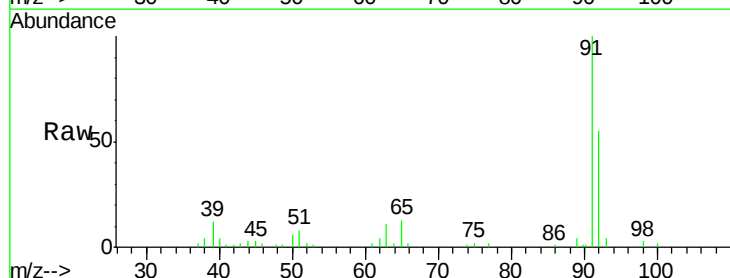
Acq: 27 Apr 2020 12:04

Tgt Ion: 91 Resp: 21507

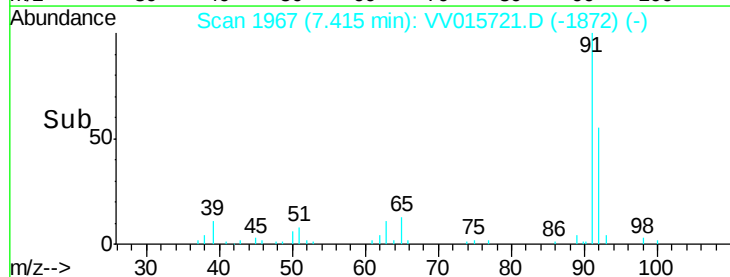
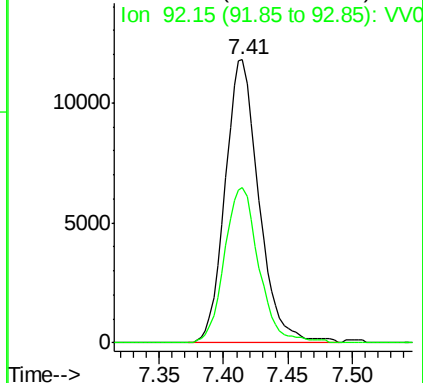
Ion Ratio Lower Upper

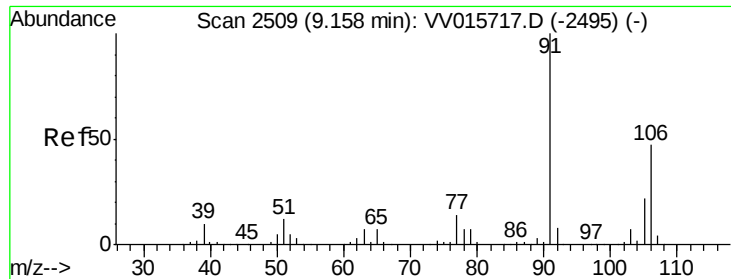
91 100

92 54.7 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0





#53

m,p-xylene

Concen: 0.116 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV015721.D

Acq: 27 Apr 2020 12:04

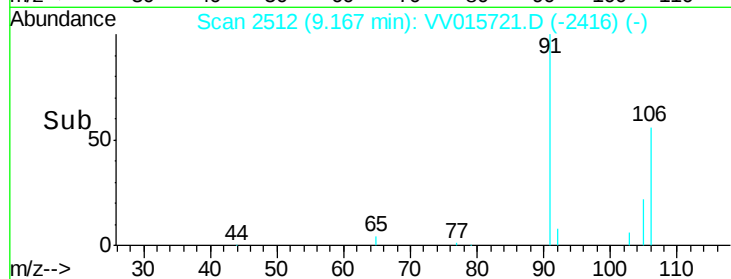
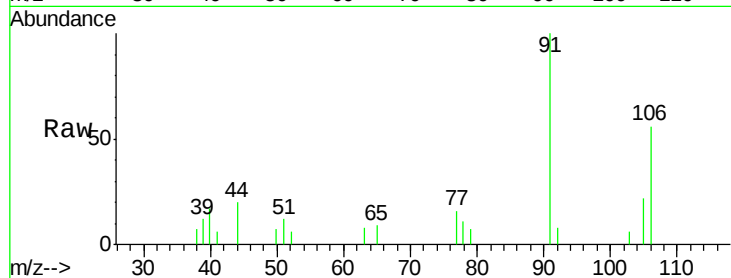
Instrument :
MSVOA_V
ClientSampleId :
ETKP0

Tot Ion:106 Resp: 1994

Ion Ratio Lower Upper

106 100

91 179.7 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

