

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018496.D
 Acq On : 28 Sep 2020 16:05
 Operator : SY/MD
 Sample : L4117-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA2

Quant Time: Sep 29 00:53:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	337081	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161355	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112806	41.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.12%
7) Chloroethane-d5	1.58	69	95775	42.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.22%
11) 1,1-Dichloroethene-d2	2.12	63	159120	31.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.16%
21) 2-Butanone-d5	3.91	46	159359	94.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.78%
24) Chloroform-d	4.38	84	208218	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.38%
26) 1,2-Dichloroethane-d4	5.06	65	135957	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
32) Benzene-d6	5.08	84	424669	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
36) 1,2-Dichloropropane-d6	6.10	67	138267	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.54%
41) Toluene-d8	7.34	98	379310	44.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.48%
43) trans-1,3-Dichloropropene-	7.64	79	66460	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.48%
47) 2-Hexanone-d5	8.11	63	98257	87.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168117	45.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	160044	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

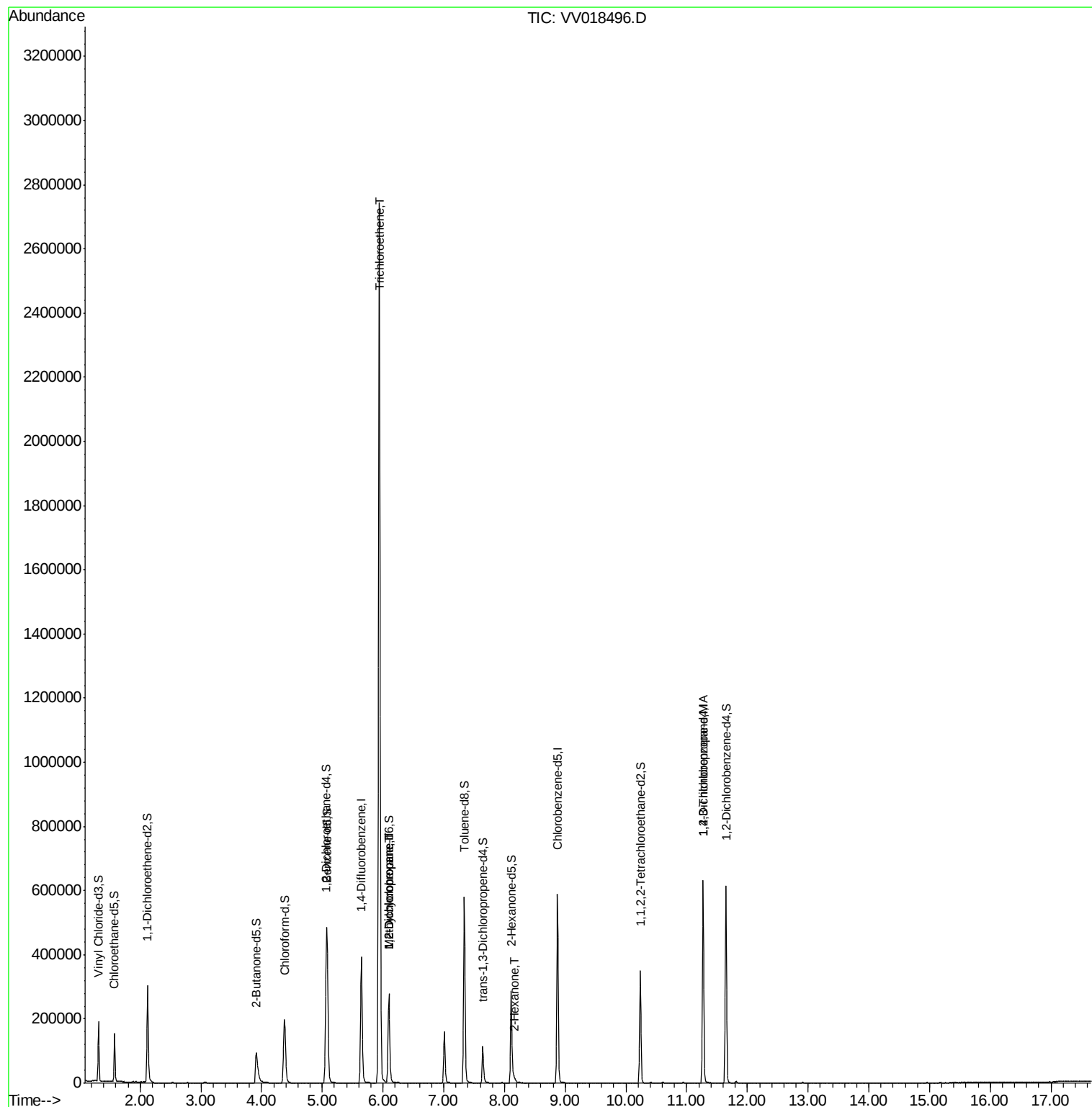
					Ovalue
34) Trichloroethene	5.94	95	958442	378.648 ug/L	99
35) Methylcyclohexane	6.10	83	32409	8.504 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	14913	6.057 ug/L #	87
48) 2-Hexanone	8.16	43	5363	2.277 ug/L #	90
59) 1,2,3-Trichloropropane	11.27	75	18125	6.259 ug/L	93

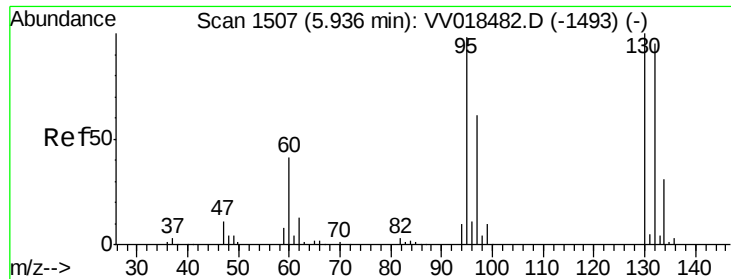
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Sep 29 00:50:40 2020
Response via : Initial Calibration





#34

Trichloroethene

Concen: 378.648 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018496.D

Acq: 28 Sep 2020 16:05

Instrument :

MSVOA_V

ClientSampleId :

E0AA2

Tot Ion: 95 Resp: 958442

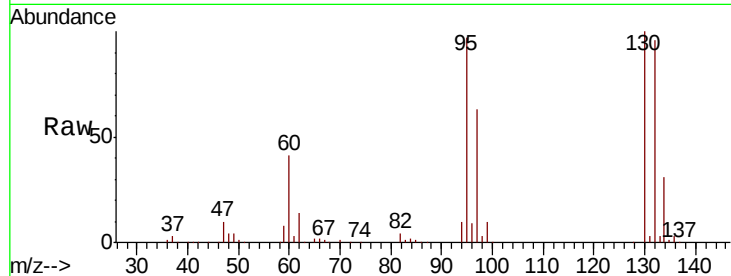
Ion Ratio Lower Upper

95 100

97 64.5 46.3 85.9

132 98.5 68.1 126.5

130 103.0 71.5 132.9

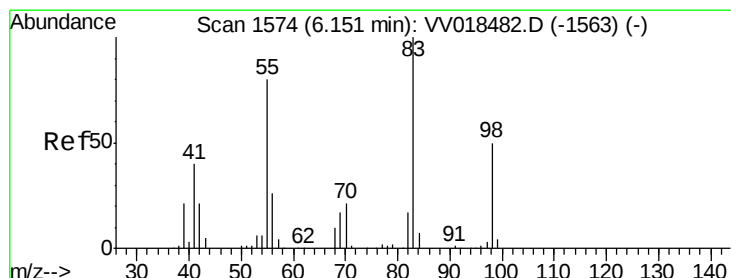
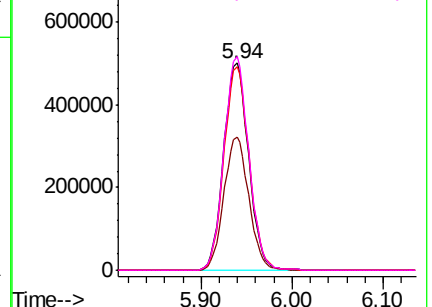
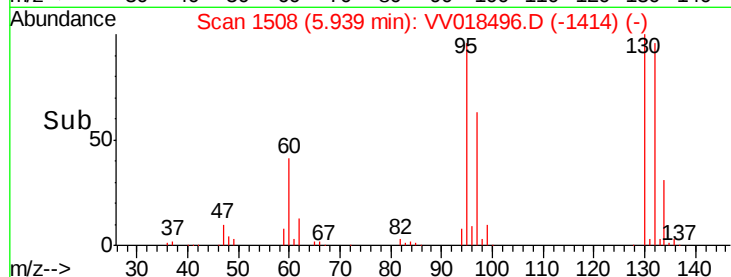


Abundance Ion 95.00 (94.70 to 95.70): VV018496.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV018496.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV018496.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV018496.D (-1493) (-)



#35

Methylcyclohexane

Concen: 8.504 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV018496.D

Acq: 28 Sep 2020 16:05

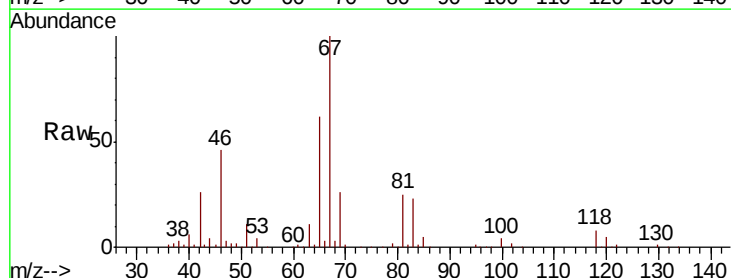
Tgt Ion: 83 Resp: 32409

Ion Ratio Lower Upper

83 100

55 0.4 63.4 95.2#

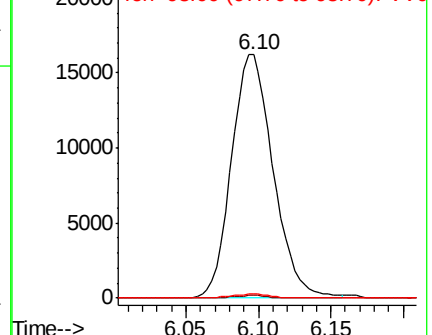
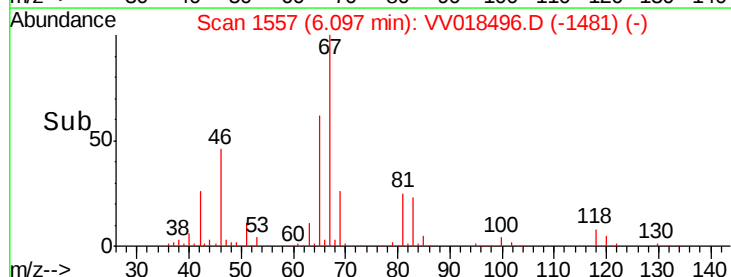
98 1.5 38.8 58.2#

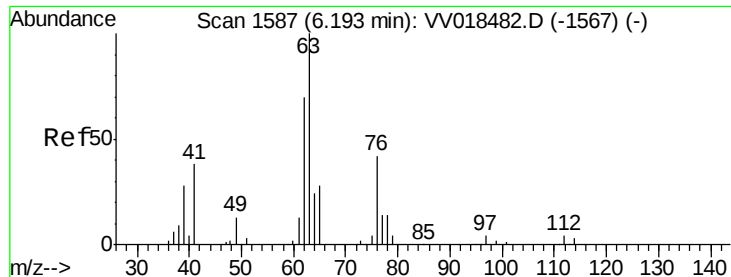


Abundance Ion 83.00 (82.70 to 83.70): VV018496.D (-1481) (-)

Ion 55.00 (54.70 to 55.70): VV018496.D (-1481) (-)

Ion 98.00 (97.70 to 98.70): VV018496.D (-1481) (-)





#37

1,2-Dichloropropane

Concen: 6.057 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV018496.D

Acq: 28 Sep 2020 16:05

Instrument :

MSVOA_V

ClientSampleId :

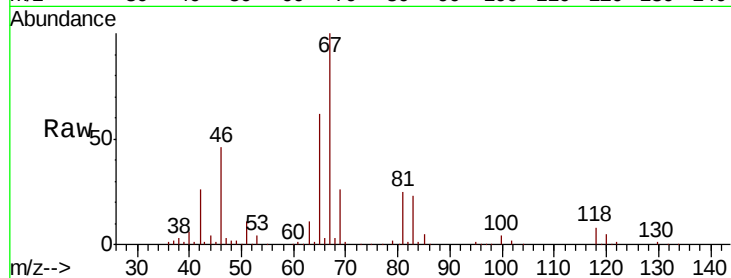
E0AA2

Tot Ion: 63 Resp: 14913

Ion Ratio Lower Upper

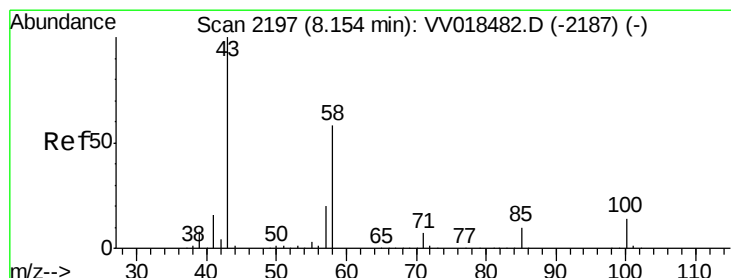
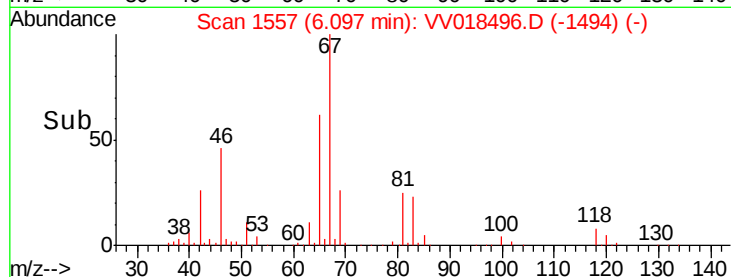
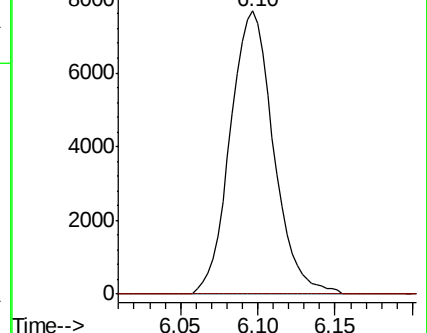
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV018482.D (-1567) (-)

Ion 112.00 (111.70 to 112.70): VV018482.D (-1567) (-)



#48

2-Hexanone

Concen: 2.277 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018496.D

Acq: 28 Sep 2020 16:05

Tgt Ion: 43 Resp: 5363

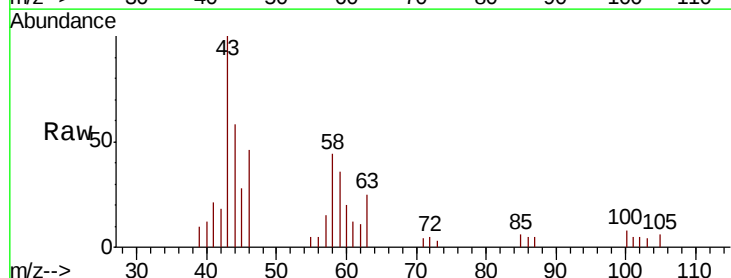
Ion Ratio Lower Upper

43 100

58 55.7 44.8 67.2

57 0.0 15.8 23.6#

100 12.1 10.2 15.4

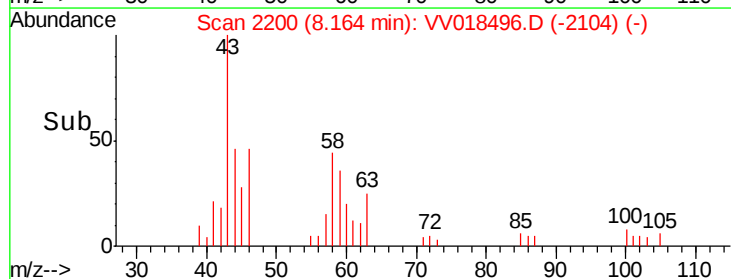
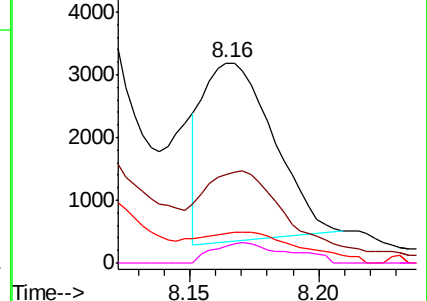


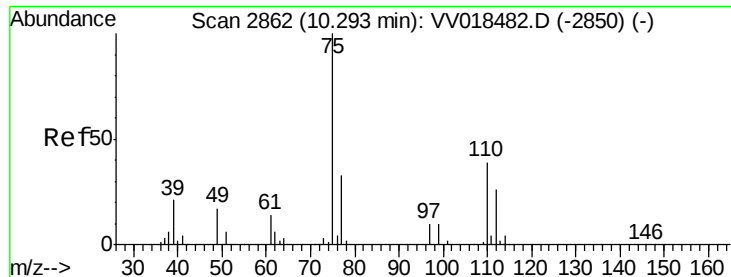
Abundance Ion 43.00 (42.70 to 43.70): VV018482.D (-2187) (-)

Ion 58.00 (57.70 to 58.70): VV018482.D (-2187) (-)

Ion 57.00 (56.70 to 57.70): VV018482.D (-2187) (-)

Ion 100.00 (99.70 to 100.70): VV018482.D (-2187) (-)





#59

1,2,3-Trichloropropane

Concen: 6.259 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018496.D

Acq: 28 Sep 2020 16:05

Instrument :

MSVOA_V

ClientSampleId :

E0AA2

Tot Ion: 75 Resp: 18125

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.6

