

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017833.D
 Acq On : 07 Aug 2020 12:33
 Operator : SY/MD
 Sample : L3590-07DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 00:25:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	244313	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	240975	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131851	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43843	36.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.60%
7) Chloroethane-d5	1.58	69	43649	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.82%
11) 1,1-Dichloroethene-d2	2.12	63	91522	31.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.94%
21) 2-Butanone-d5	4.07	46	389	0.43	ug/L	0.17
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.43%#
24) Chloroform-d	4.38	84	139870	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.92%
26) 1,2-Dichloroethane-d4	5.06	65	109986	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
32) Benzene-d6	5.08	84	238589	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.70%
36) 1,2-Dichloropropane-d6	6.09	67	63385	40.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.52%
41) Toluene-d8	7.34	98	242455	43.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.74%
43) trans-1,3-Dichloropropene-	7.64	79	39939	38.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.76%
47) 2-Hexanone-d5	8.11	63	52686	77.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.85%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	94719	39.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	124949	48.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.56%

Target Compounds

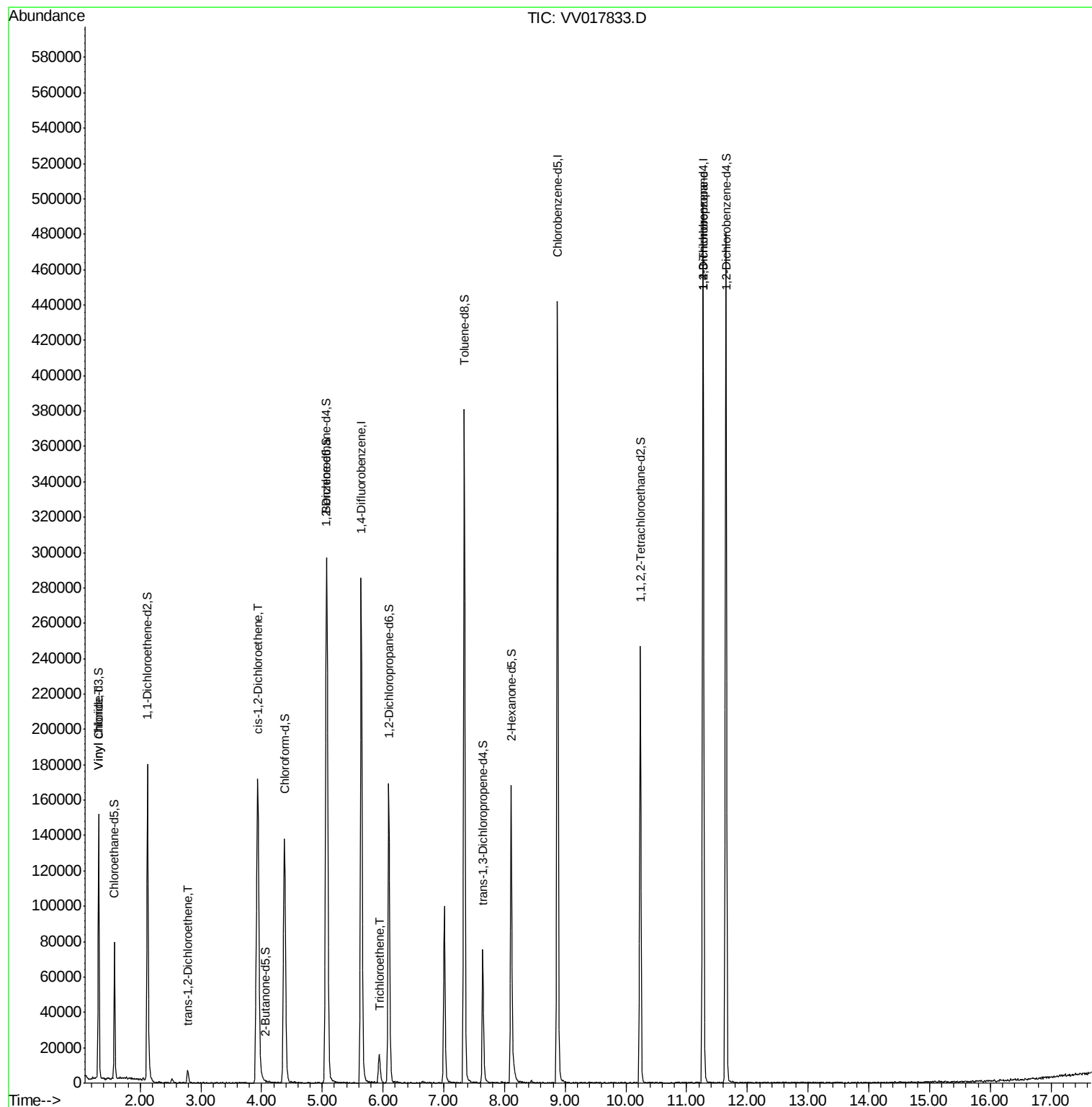
					Ovalue
5) Vinyl chloride	1.32	62	41896	24.173	ug/L 92
17) trans-1,2-Dichloroethene	2.78	96	2513	1.516	ug/L 90
20) cis-1,2-Dichloroethene	3.94	96	84720	47.839	ug/L 93
34) Trichloroethene	5.95	95	3851	2.073	ug/L 88
59) 1,2,3-Trichloropropane	11.27	75	11128	5.104	ug/L # 65

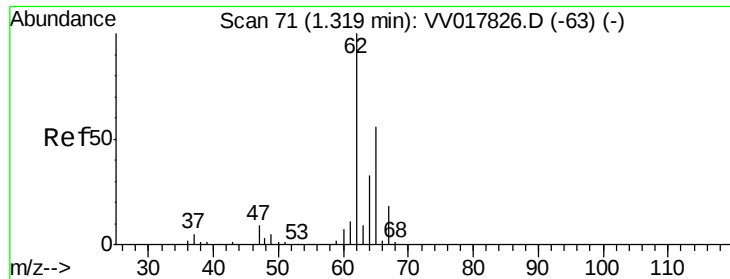
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV080720\
Data File : VV017833.D
Acq On : 07 Aug 2020 12:33
Operator : SY/MD
Sample : L3590-07DL 5X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 08 00:25:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 24.173 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017833.D

Acq: 07 Aug 2020 12:33

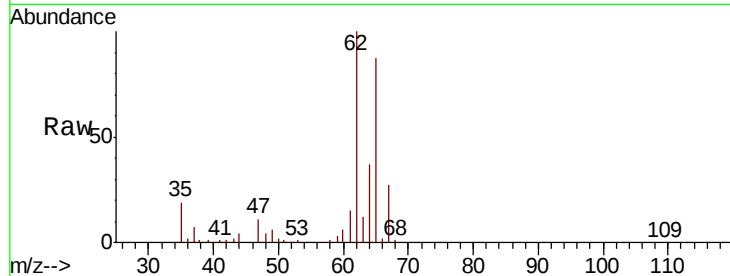
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 41896

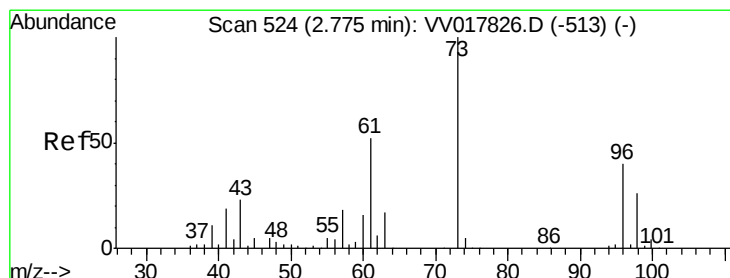
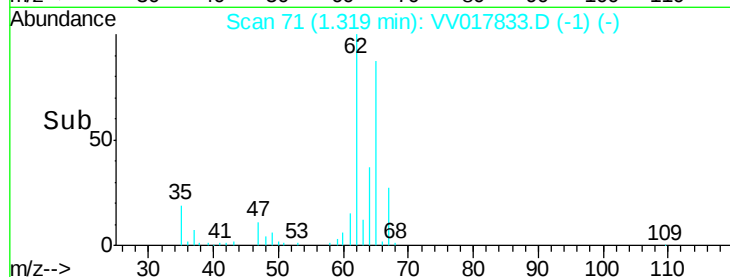
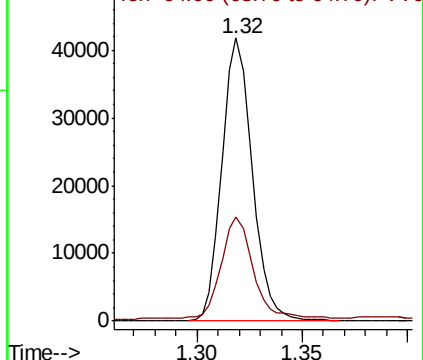
Ion Ratio Lower Upper

62 100

64 36.9 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 64.00 (63.70 to 64.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 1.516 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017833.D

Acq: 07 Aug 2020 12:33

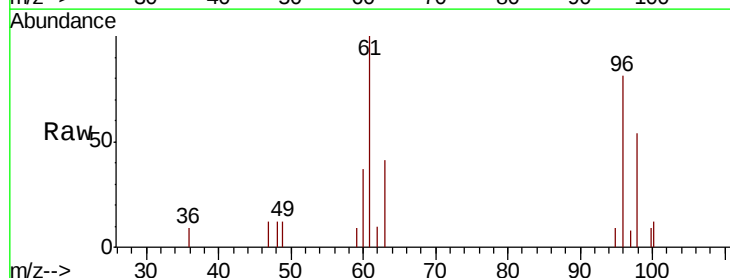
Tgt Ion: 96 Resp: 2513

Ion Ratio Lower Upper

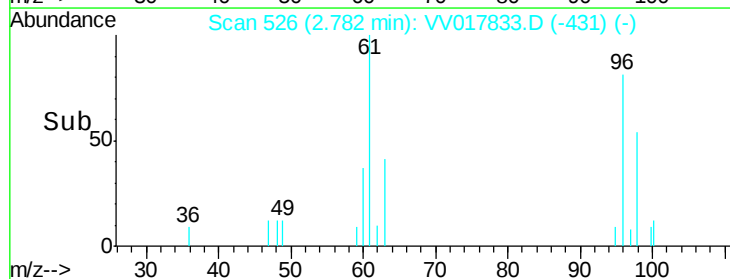
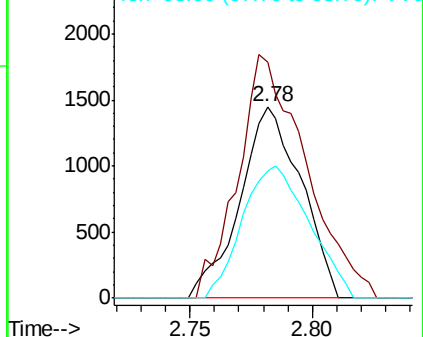
96 100

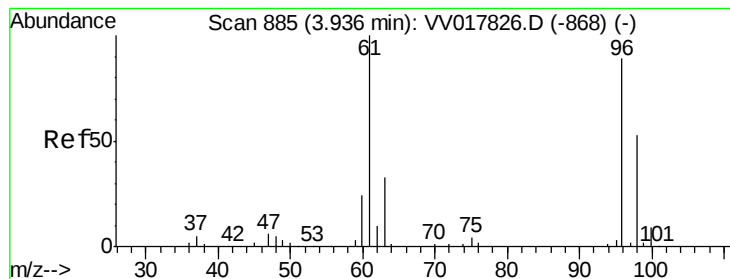
61 123.2 96.2 178.8

98 66.6 43.2 80.2



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



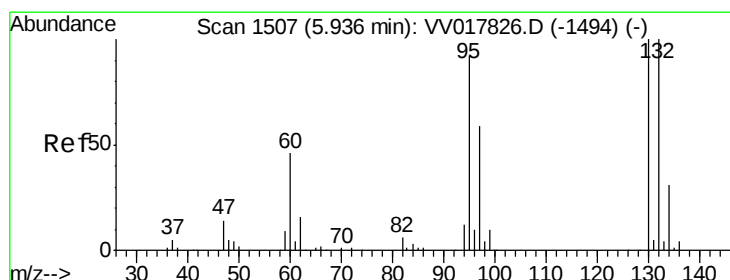
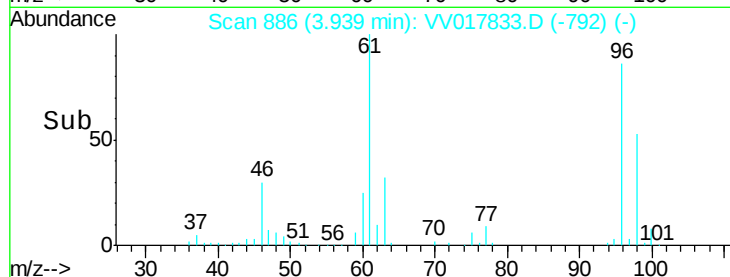
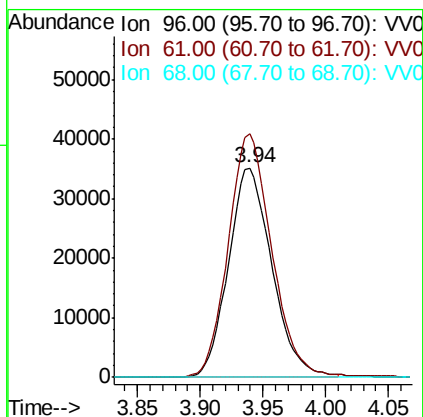
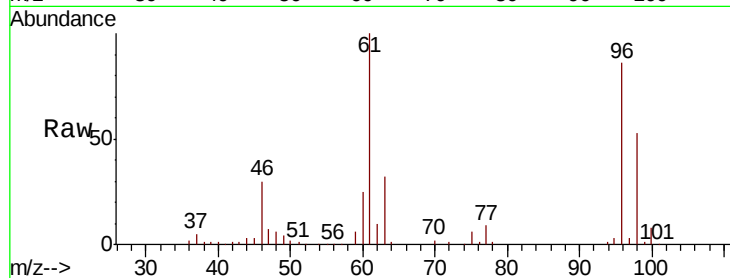


#20

cis-1,2-Dichloroethene
Concen: 47.839 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017833.D
Acq: 07 Aug 2020 12:33

Instrument :
MSVOA_V
ClientSampled :

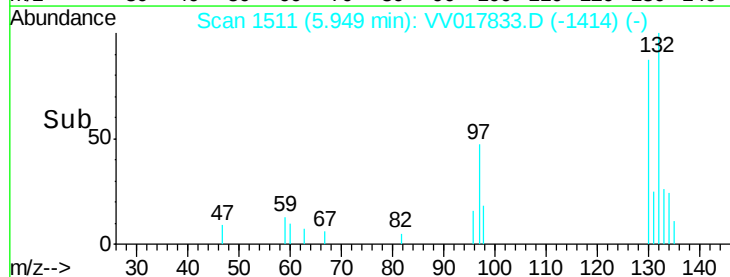
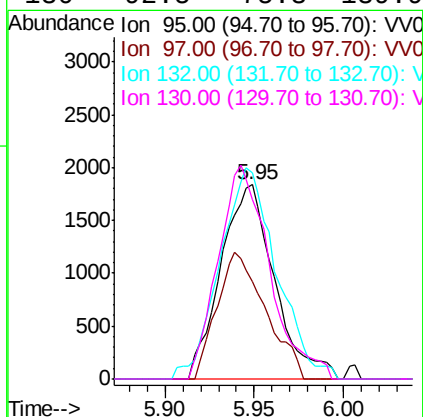
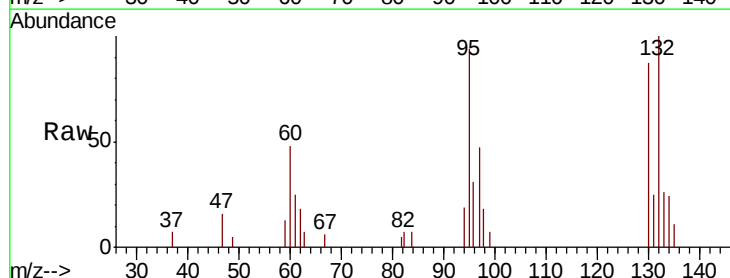
Tot Ion: 96 Resp: 84720
Ion Ratio Lower Upper
96 100
61 116.2 87.3 162.1
68 0.0 0.0 0.0

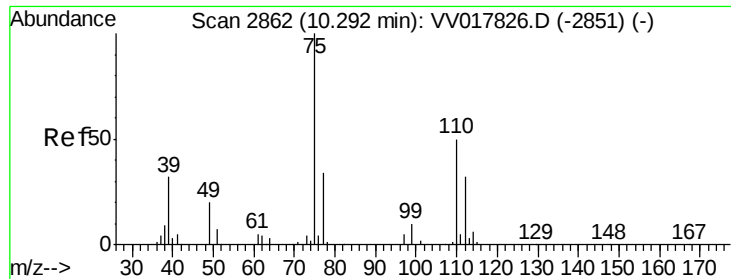


#34

Trichloroethene
Concen: 2.073 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV017833.D
Acq: 07 Aug 2020 12:33

Tgt Ion: 95 Resp: 3851
Ion Ratio Lower Upper
95 100
97 49.9 45.3 84.1
132 106.0 71.4 132.6
130 92.5 75.3 139.9





#59

1,2,3-Trichloropropane

Concen: 5.104 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017833.D

Acq: 07 Aug 2020 12:33

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 11128

Ion Ratio Lower Upper

75 100

77 51.0 25.1 37.7#

