

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
 Data File : VU049675.D
 Acq On : 11 Jul 2022 14:58
 Operator : SY/MD
 Sample : N3639-01 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL62

Quant Time: Jul 12 02:34:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 12 02:23:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

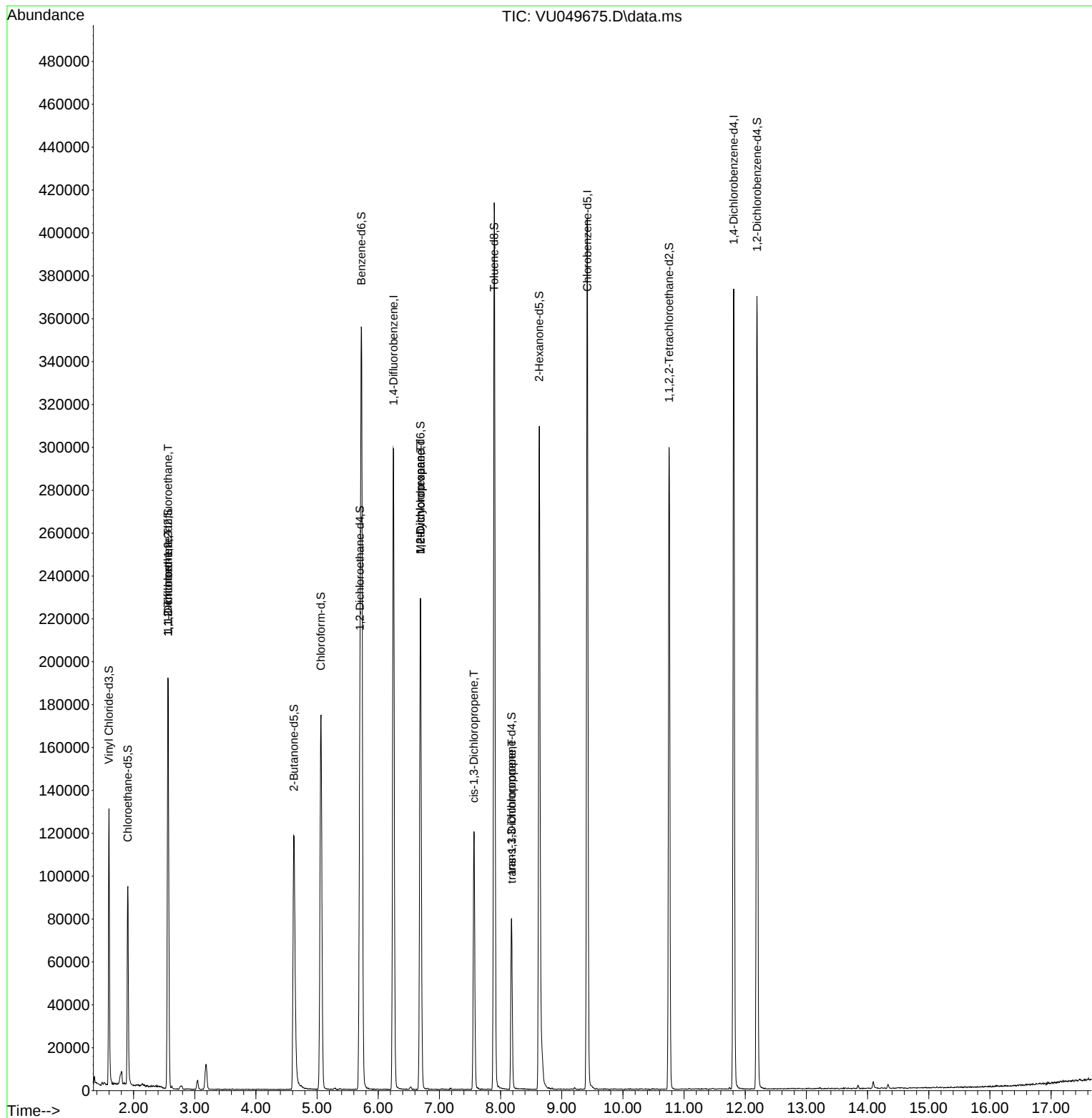
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	229444	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	208786	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93063	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	90154	46.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.140%
7) Chloroethane-d5	1.906	69	66421	47.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.940%
11) 1,1-Dichloroethene-d2	2.562	63	118482	34.648	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.300%
21) 2-Butanone-d5	4.620	46	168703	102.081	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.080%
24) Chloroform-d	5.063	84	159870	46.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.260%
26) 1,2-Dichloroethane-d4	5.700	65	108859	46.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.820%
32) Benzene-d6	5.726	84	314227	49.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.080%
36) 1,2-Dichloropropane-d6	6.690	67	106702	50.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.020%
41) Toluene-d8	7.896	98	264815	47.942	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	8.179	79	43233	48.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.200%
47) 2-Hexanone-d5	8.632	63	97462	101.556	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.560%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	147943	49.559	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.120%
66) 1,2-Dichlorobenzene-d4	12.192	152	91345	52.059	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.120%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	903	0.511	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	644	0.393	ug/L #	1
35) Methylcyclohexane	6.690	83	23592	7.914	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	12195	5.606	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	3025	1.031	ug/L #	66
44) trans-1,3-Dichloropropene	8.182	75	1999	0.726	ug/L	89

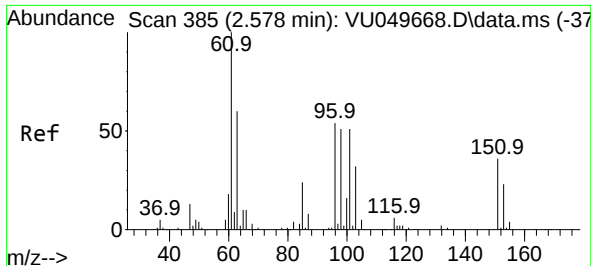
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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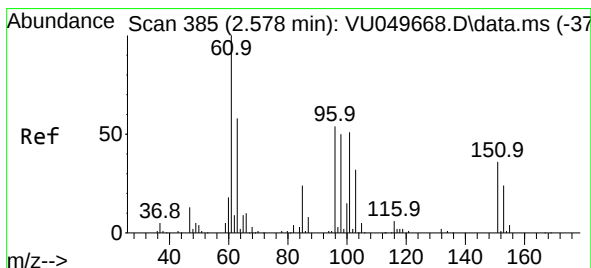
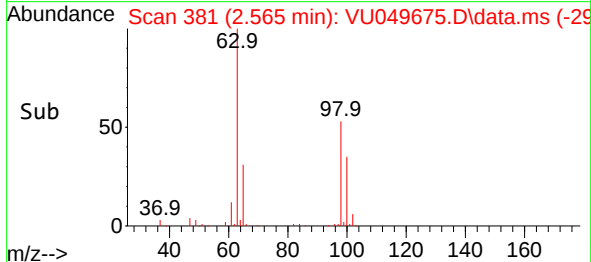
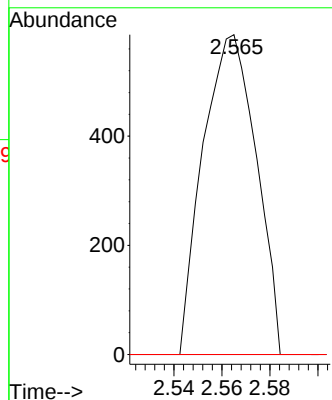
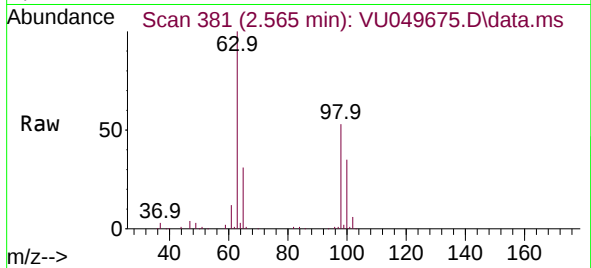




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.511 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049675.D
 Acq: 11 Jul 2022 14:58

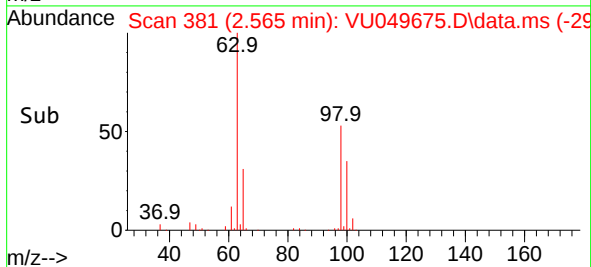
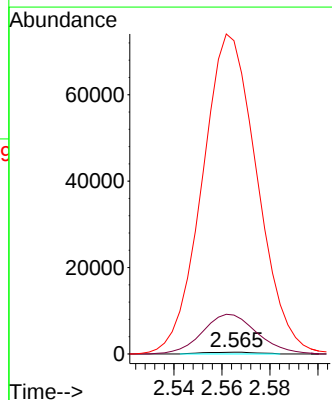
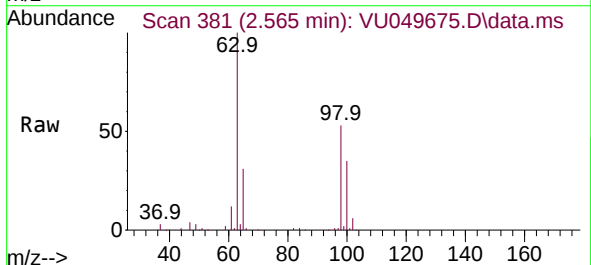
Instrument :
 MSVOA_U
 ClientSampleId :
 COL62

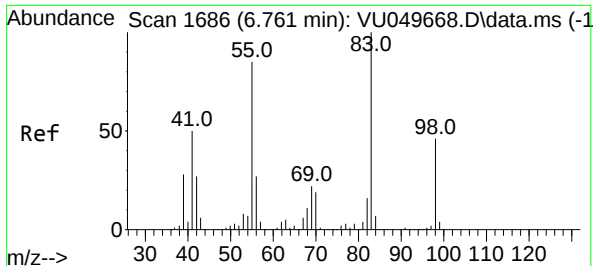
Tgt Ion:101 Resp: 903
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#12
 1,1-Dichloroethene
 Concen: 0.393 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049675.D
 Acq: 11 Jul 2022 14:58

Tgt Ion: 96 Resp: 644
 Ion Ratio Lower Upper
 96 100
 61 2156.7 129.6 240.6#
 63 17341.6 79.0 146.6#

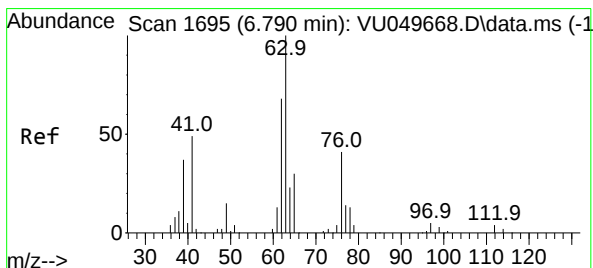
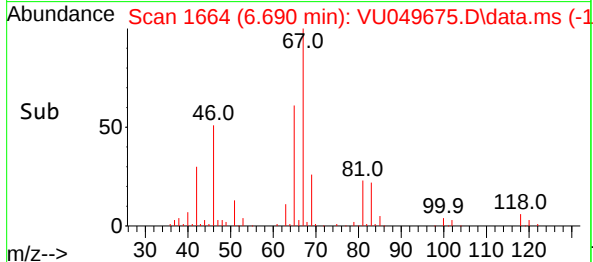
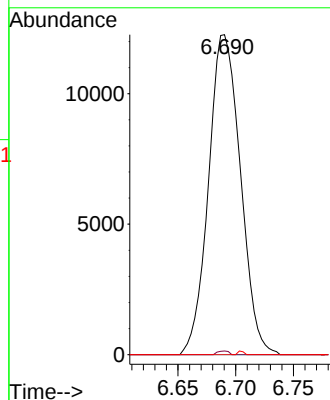
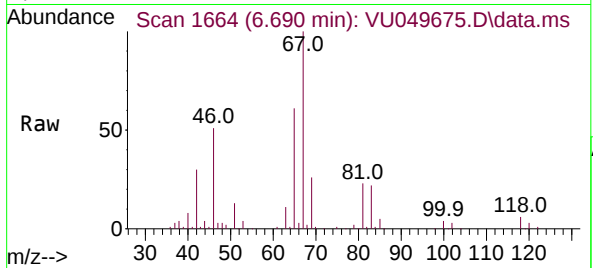




#35
Methylcyclohexane
Concen: 7.914 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049675.D
Acq: 11 Jul 2022 14:58

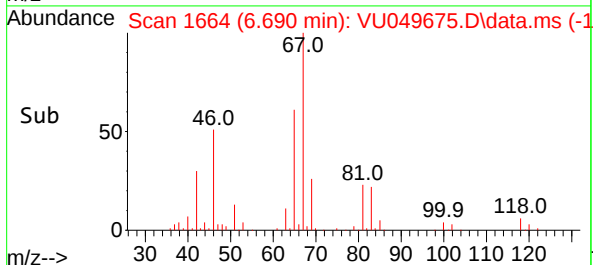
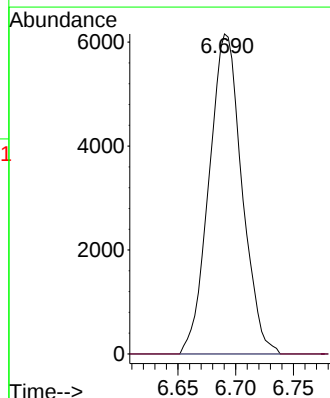
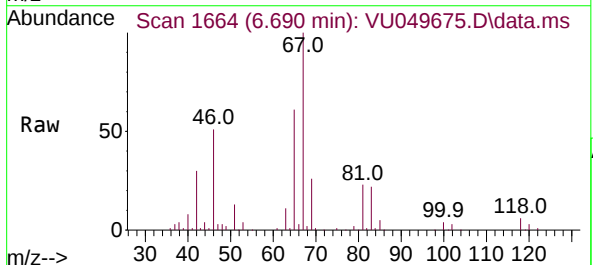
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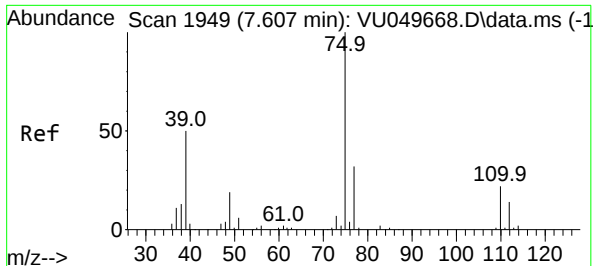
Tgt Ion: 83 Resp: 23592
Ion Ratio Lower Upper
83 100
55 0.4 66.0 99.0#
98 0.2 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 5.606 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049675.D
Acq: 11 Jul 2022 14:58

Tgt Ion: 63 Resp: 12195
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.031 ug/L

RT: 7.562 min Scan# 11

Delta R.T. -0.045 min

Lab File: VU049675.D

Acq: 11 Jul 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

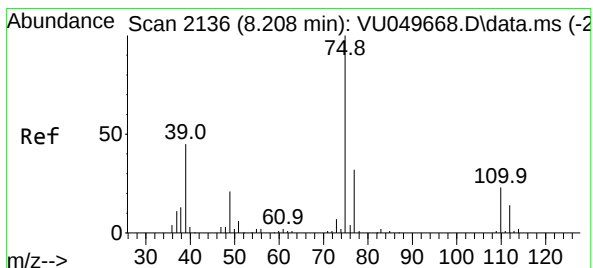
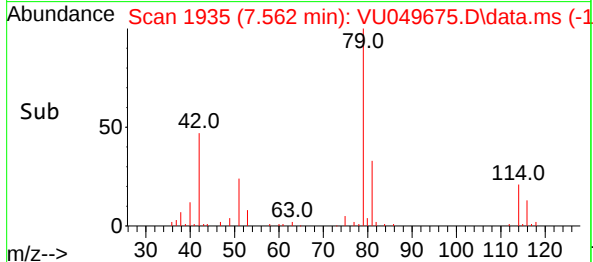
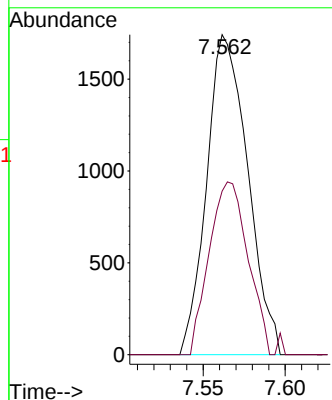
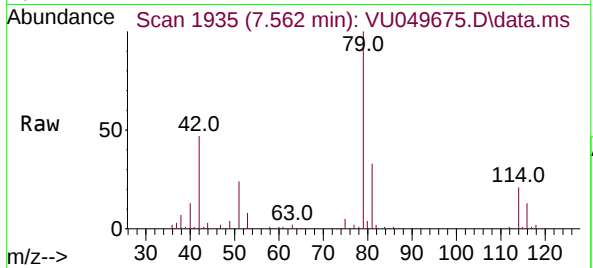
C0L62

Tgt Ion: 75 Resp: 3025

Ion Ratio Lower Upper

75 100

77 51.1 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.726 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU049675.D

Acq: 11 Jul 2022 14:58

Tgt Ion: 75 Resp: 1999

Ion Ratio Lower Upper

75 100

77 38.3 22.5 41.9

