

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019991.D
 Acq On : 23 Oct 2024 13:59
 Operator : SY/MD
 Sample : P4487-03
 Misc : 4.95g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

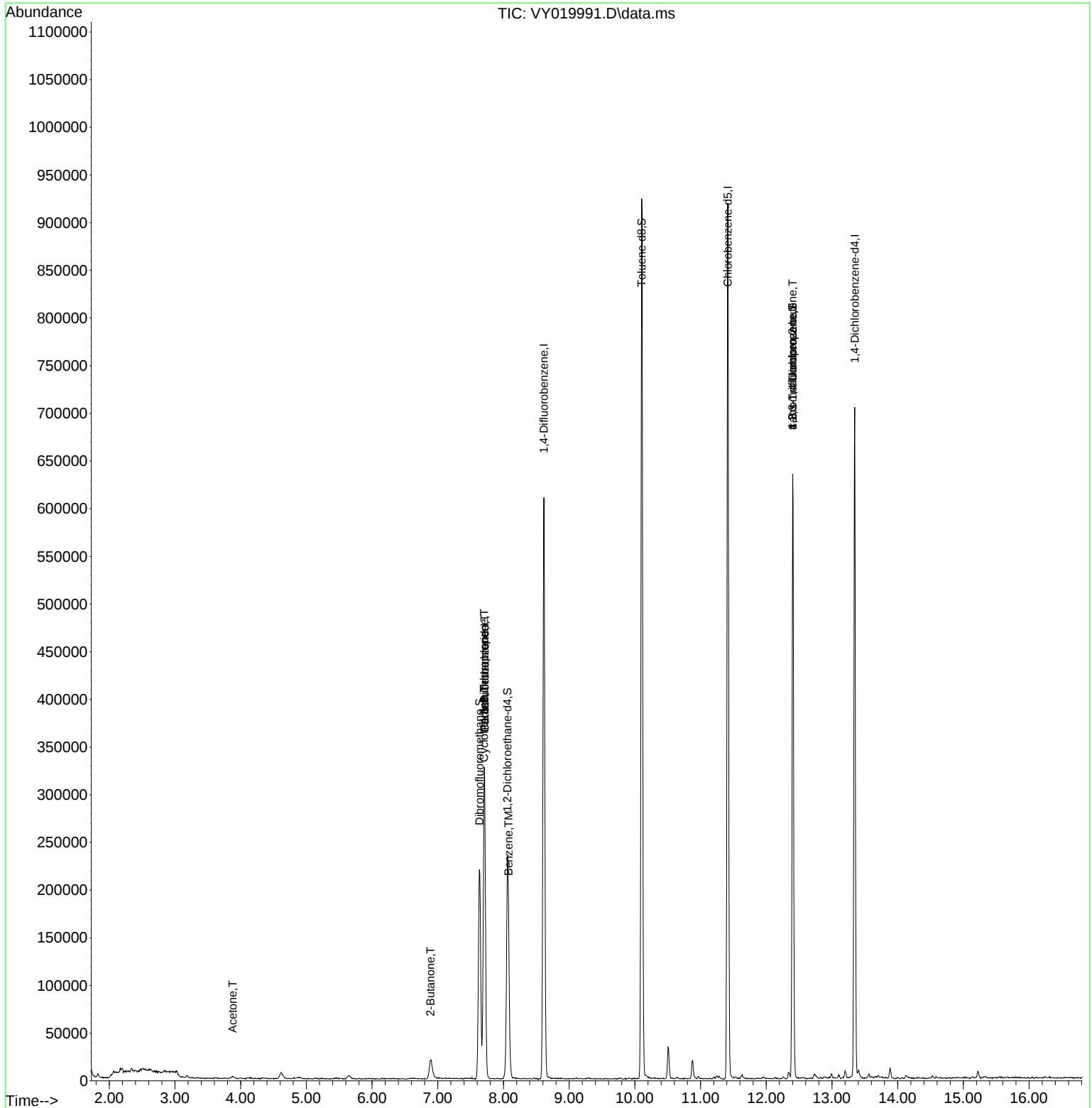
Quant Time: Oct 23 23:07:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

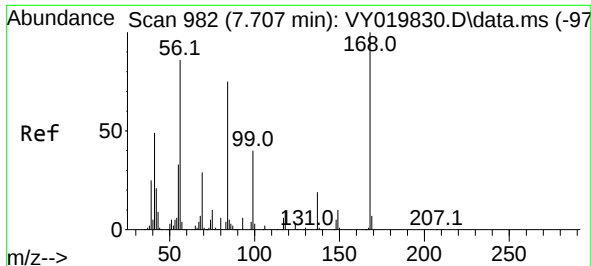
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	225650	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	475577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	431978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	154881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	166391	59.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.780%	
35) Dibromofluoromethane	7.634	113	155710	49.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.240%	
50) Toluene-d8	10.103	98	585722	50.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	12.402	95	184541	44.069	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	1424	Below Cal		98
16) Acetone	3.879	43	4118	5.694	ug/l	92
25) 2-Butanone	6.890	43	1955	2.019	ug/l	# 64
31) Cyclohexane	7.701	56	7584	1.634	ug/l	# 42
36) 1,1-Dichloropropene	7.707	75	23340	5.162	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	26029	5.370	ug/l	# 16
40) Benzene	8.079	78	47204	3.450	ug/l	93
76) 1,2,3-Trichloropropane	12.402	75	105651	34.821	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	105651	140.551	ug/l	# 16

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

Quant Time: Oct 23 23:07:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
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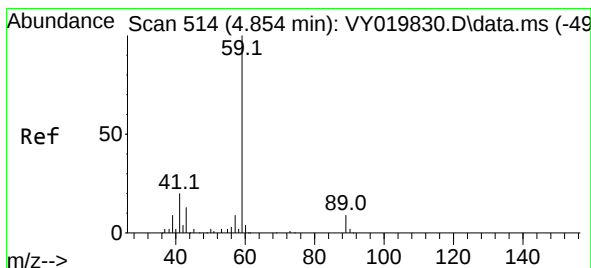
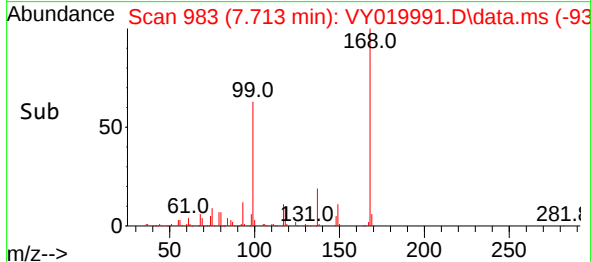
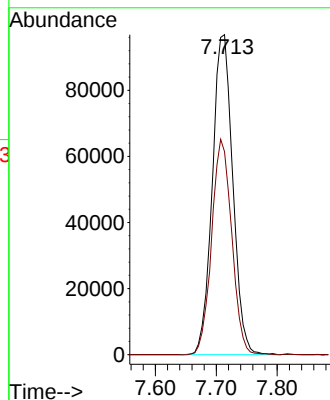
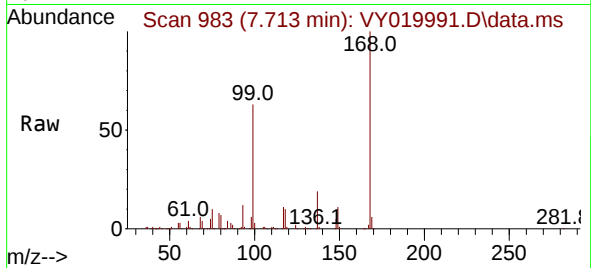




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

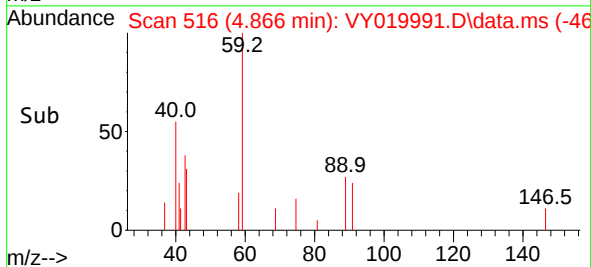
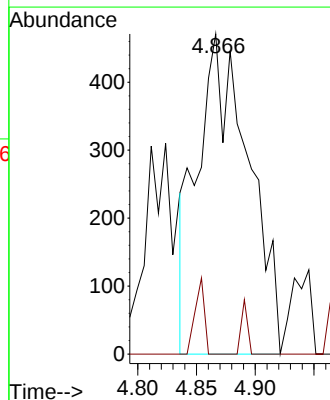
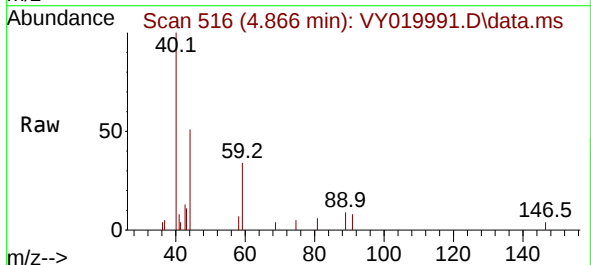
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 225650
Ion Ratio Lower Upper
168 100
99 63.5 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

Tgt Ion: 59 Resp: 1424
Ion Ratio Lower Upper
59 100
57 4.4 3.0 4.6

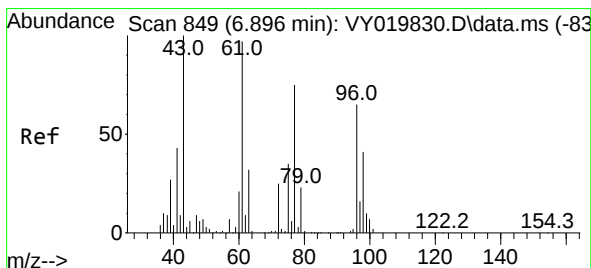
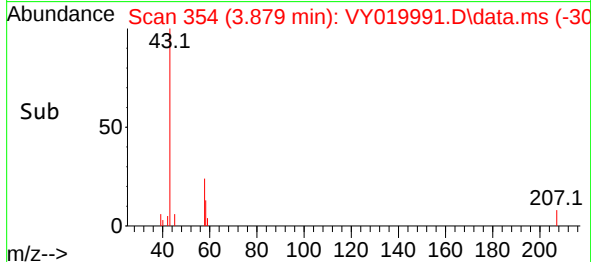
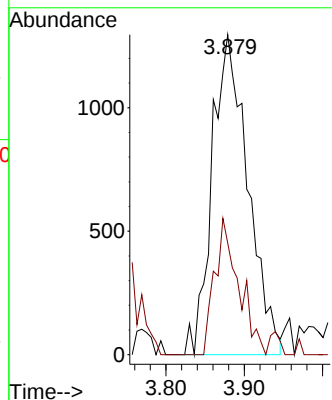
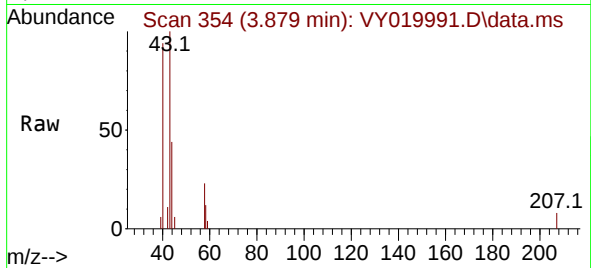




#16
Acetone
Concen: 5.694 ug/l
RT: 3.879 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

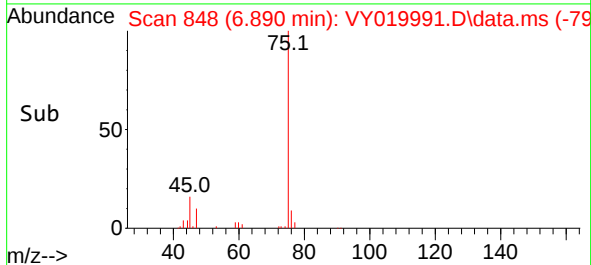
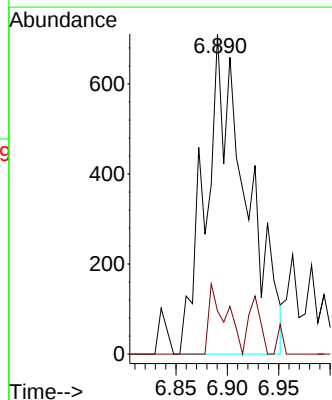
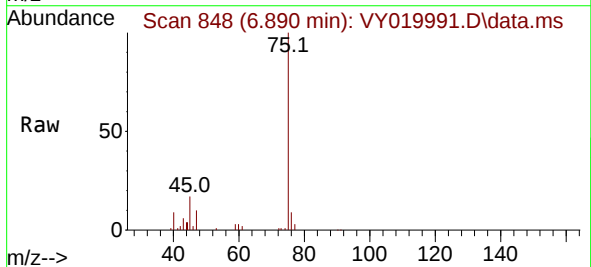
Instrument :
MSVOA_Y
ClientSampleId :

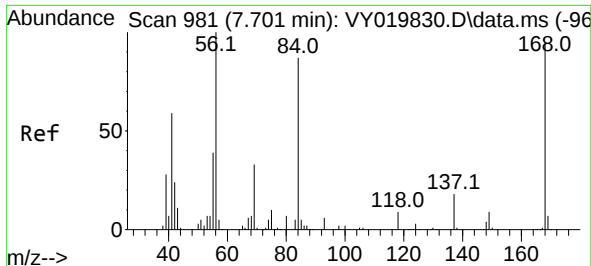
Tgt Ion: 43 Resp: 4118
Ion Ratio Lower Upper
43 100
58 34.9 31.7 47.5



#25
2-Butanone
Concen: 2.019 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

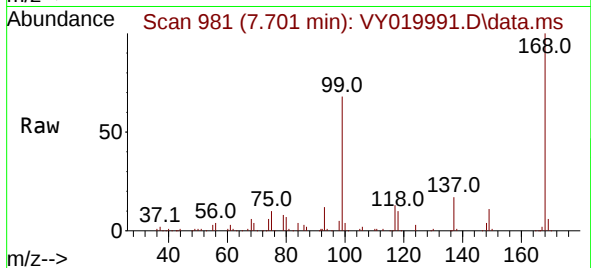
Tgt Ion: 43 Resp: 1955
Ion Ratio Lower Upper
43 100
72 13.5 27.3 40.9#



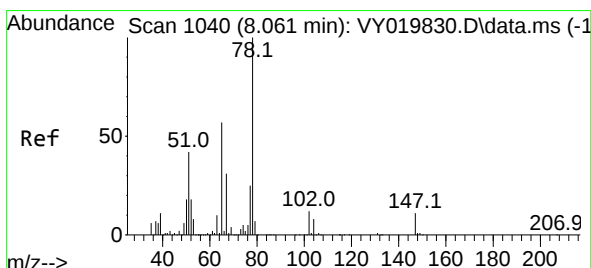
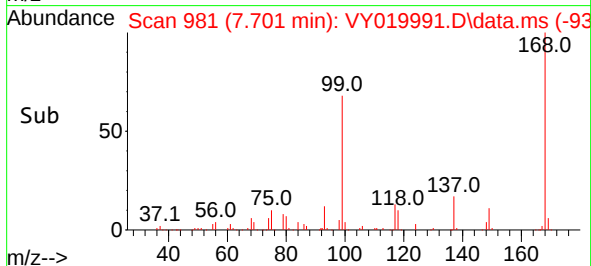
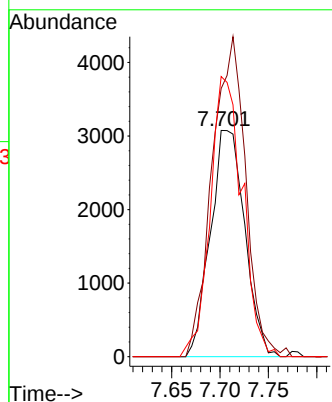


#31
Cyclohexane
Concen: 1.634 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

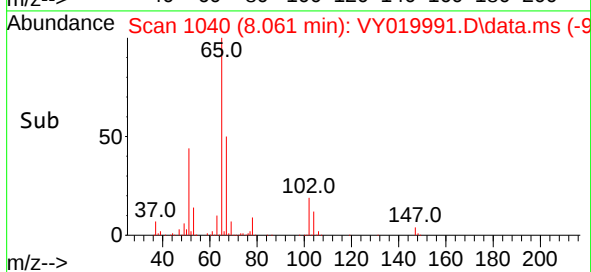
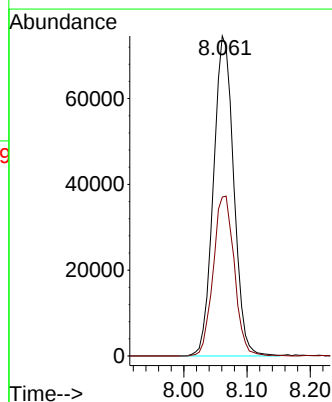
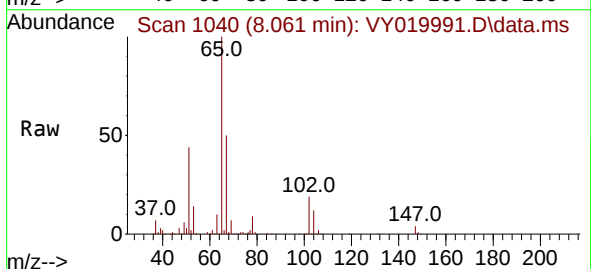


Tgt Ion: 56 Resp: 7584
Ion Ratio Lower Upper
56 100
69 118.6 28.7 43.1#
84 123.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 59.887 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

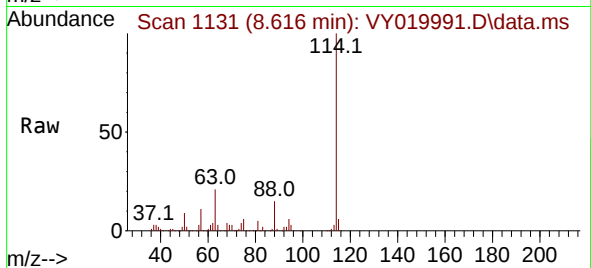
Tgt Ion: 65 Resp: 166391
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6



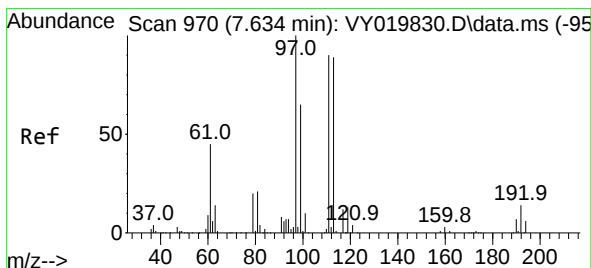
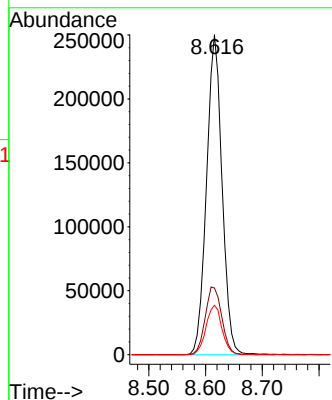
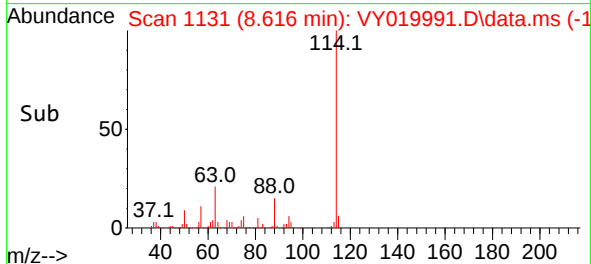


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :

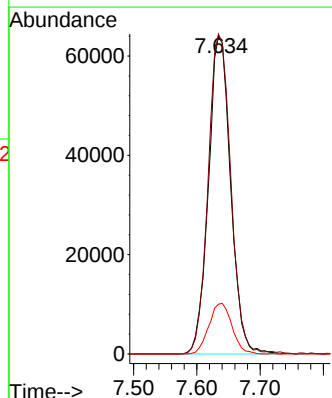
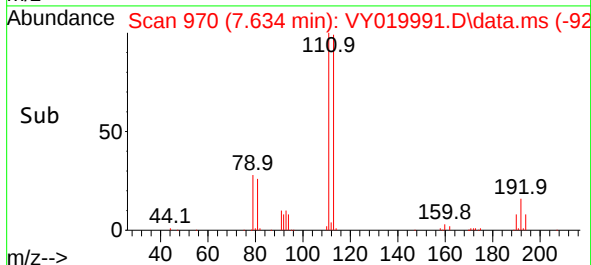
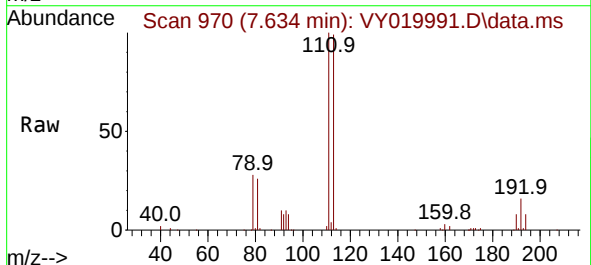


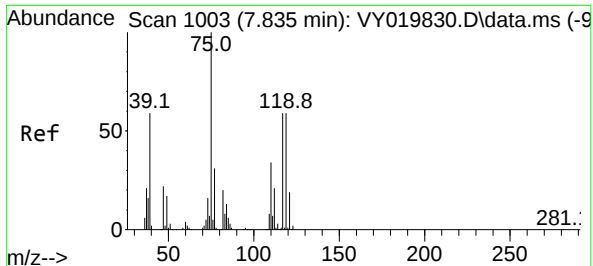
Tgt Ion:114 Resp: 475577
Ion Ratio Lower Upper
114 100
63 20.8 0.0 35.0
88 15.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.616 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

Tgt Ion:113 Resp: 155710
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 16.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.162 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

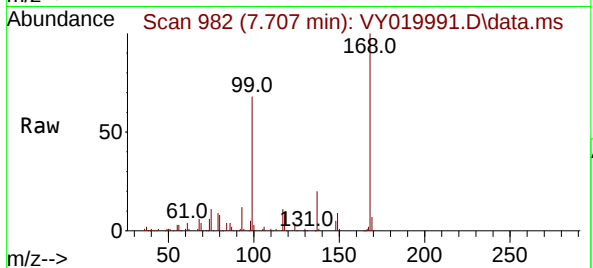
Lab File: VY019991.D

Acq: 23 Oct 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :



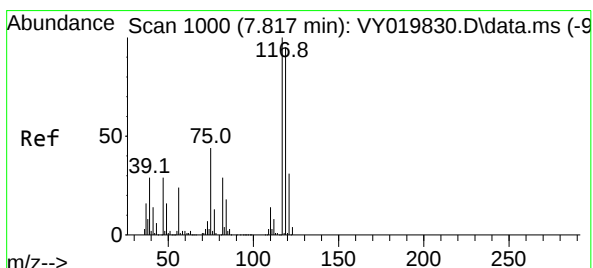
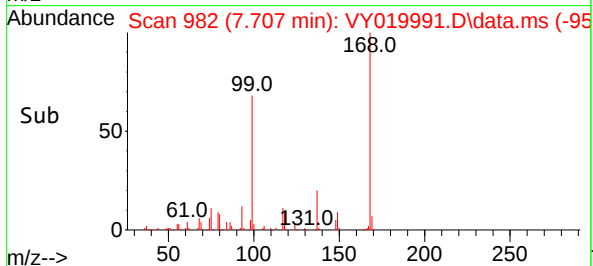
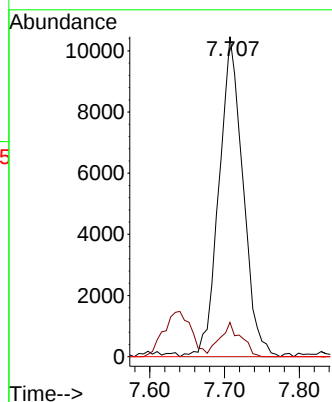
Tgt Ion: 75 Resp: 23340

Ion Ratio Lower Upper

75 100

110 9.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.370 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY019991.D

Acq: 23 Oct 2024 13:59

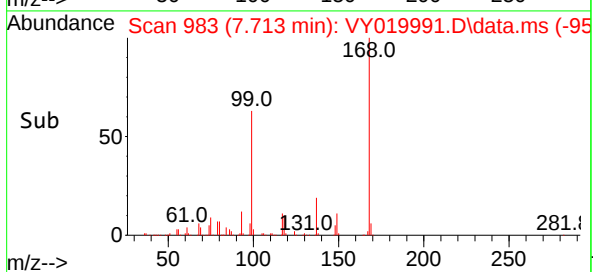
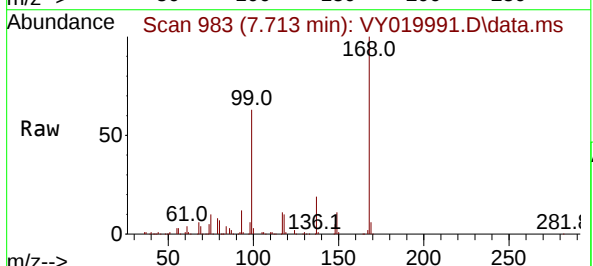
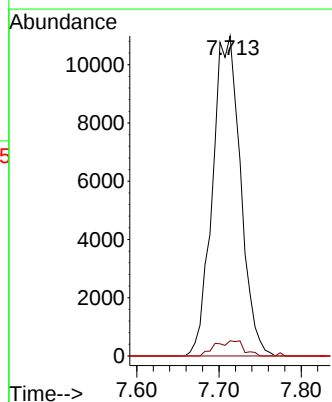
Tgt Ion: 117 Resp: 26029

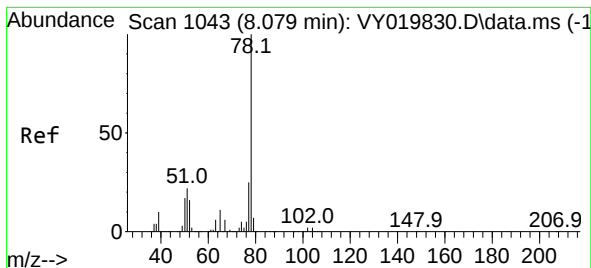
Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.6#

121 0.0 24.0 36.0#





#40

Benzene

Concen: 3.450 ug/l

RT: 8.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019991.D

Acq: 23 Oct 2024 13:59

Instrument :

MSVOA_Y

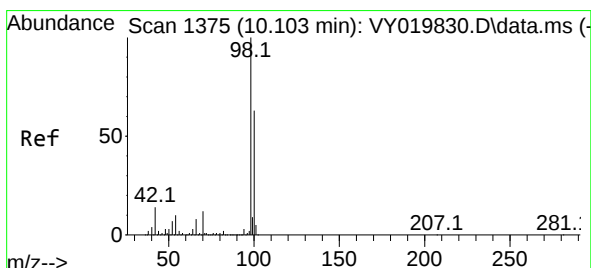
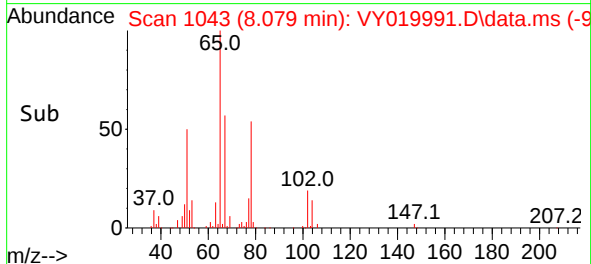
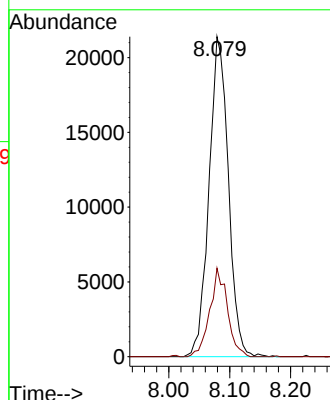
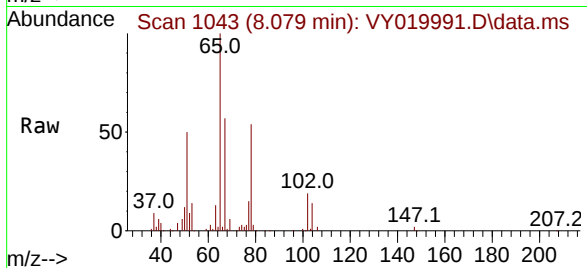
ClientSampleId :

Tgt Ion: 78 Resp: 47204

Ion Ratio Lower Upper

78 100

77 27.7 19.5 29.3



#50

Toluene-d8

Concen: 50.540 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019991.D

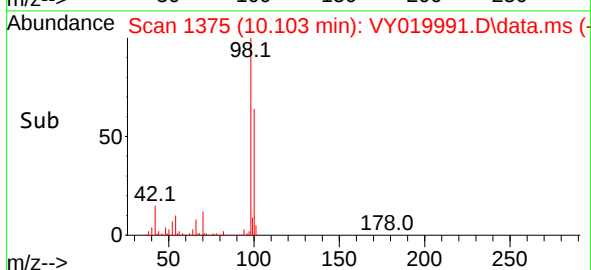
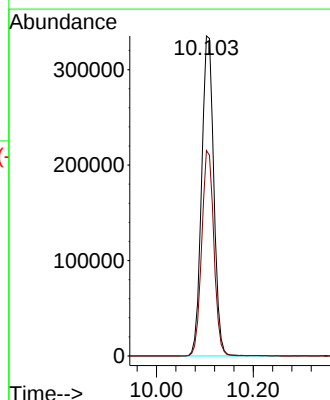
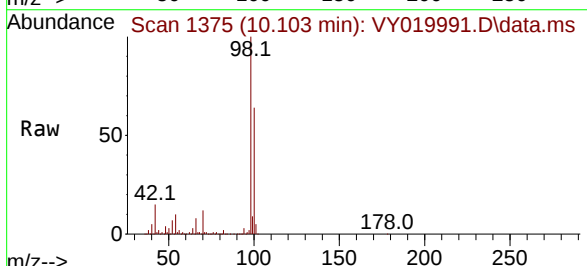
Acq: 23 Oct 2024 13:59

Tgt Ion: 98 Resp: 585722

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

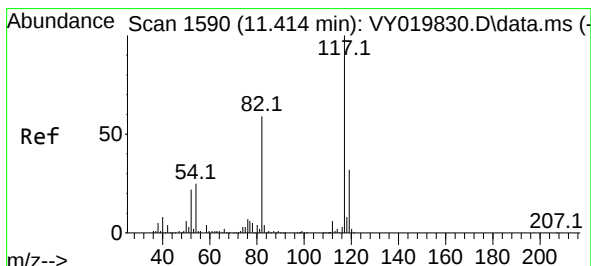
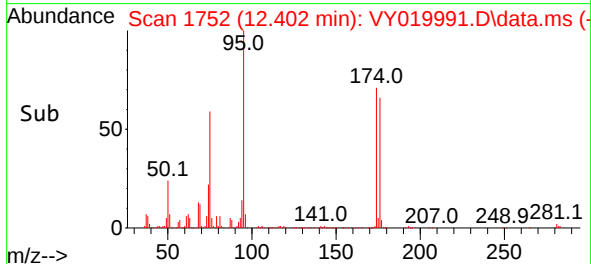
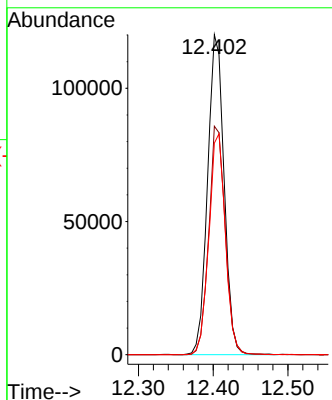
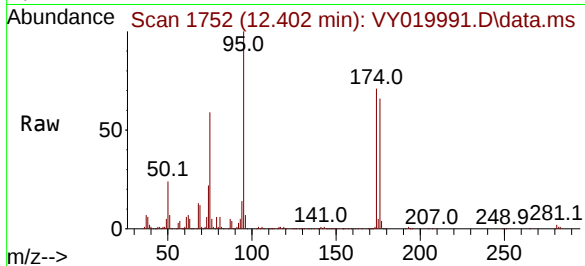




#62
4-Bromofluorobenzene
Concen: 44.069 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

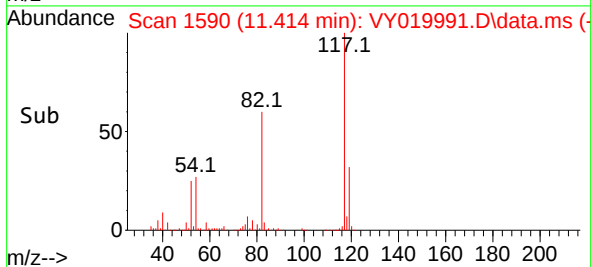
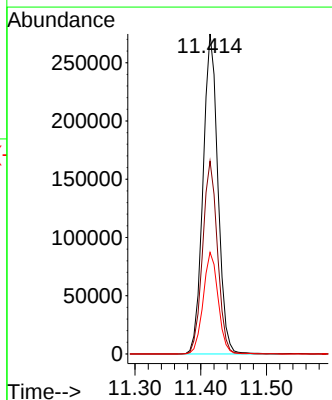
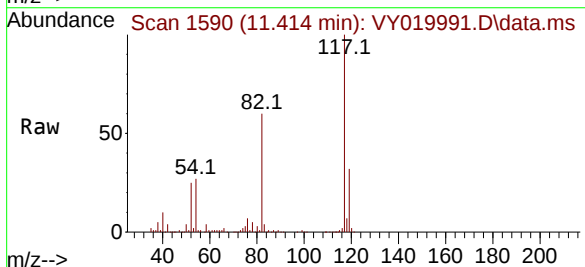
Instrument :
MSVOA_Y
ClientSampleId :

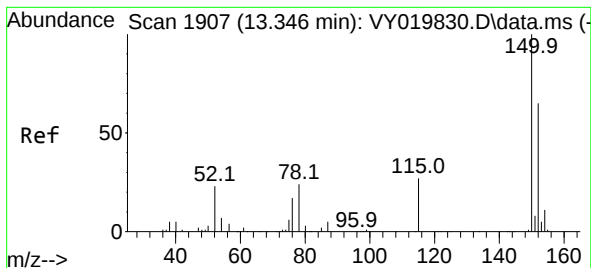
Tgt Ion: 95 Resp: 184541
Ion Ratio Lower Upper
95 100
174 71.3 0.0 175.6
176 69.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

Tgt Ion: 117 Resp: 431978
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019991.D

Acq: 23 Oct 2024 13:59

Instrument :

MSVOA_Y

ClientSampleId :

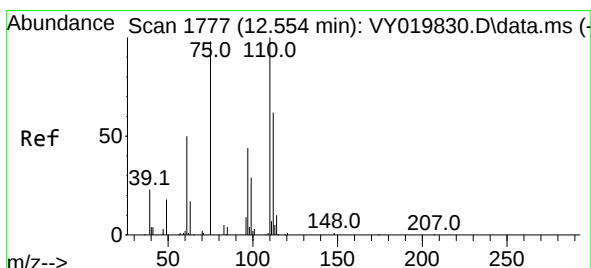
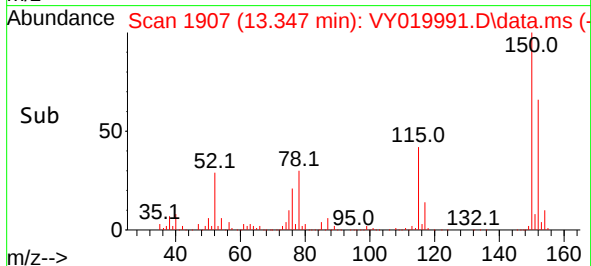
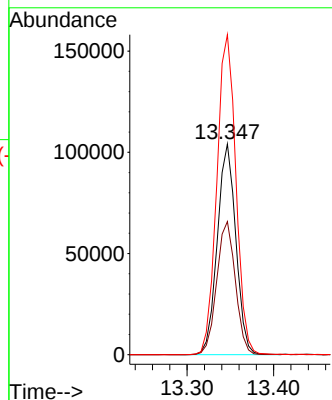
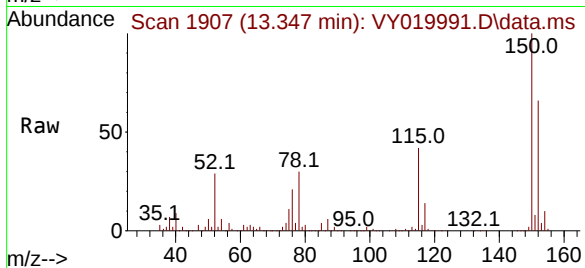
Tgt Ion:152 Resp: 154881

Ion Ratio Lower Upper

152 100

115 63.5 28.2 84.7

150 156.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 34.821 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019991.D

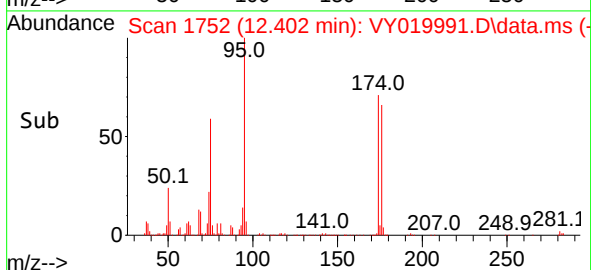
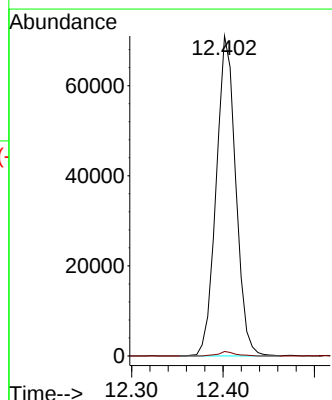
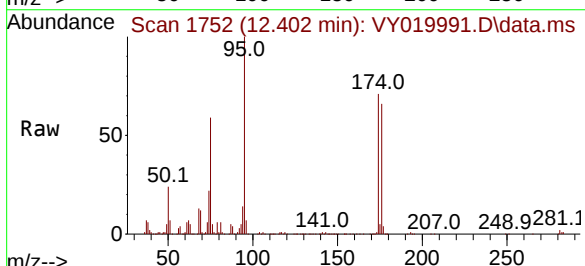
Acq: 23 Oct 2024 13:59

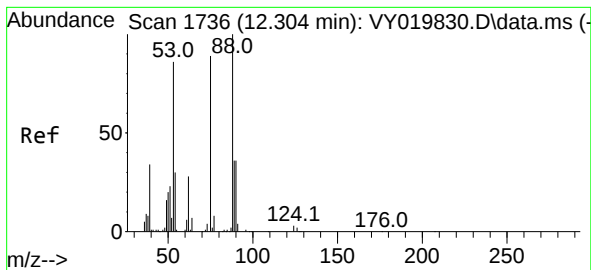
Tgt Ion: 75 Resp: 105651

Ion Ratio Lower Upper

75 100

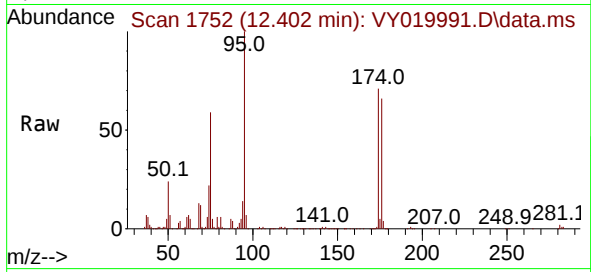
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 140.551 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019991.D
Acq: 23 Oct 2024 13:59

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.1	35.8	53.6#

