

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004503.D
 Acq On : 19 Apr 2021 17:11
 Operator : SY/MD
 Sample : M2075-25
 Misc : 6.57G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8-S

Quant Time: Apr 20 01:49:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

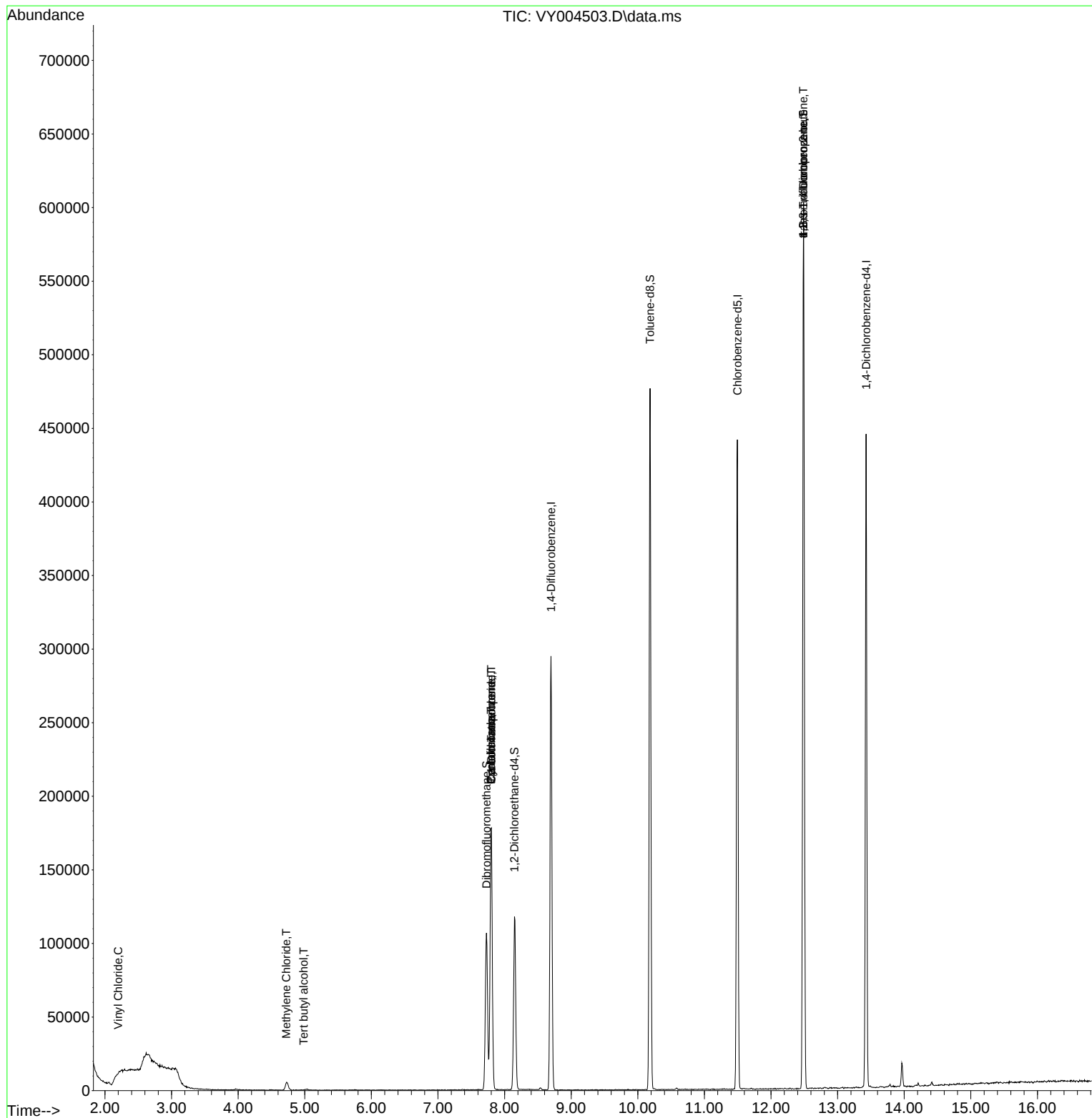
Internal Standards						
1) Pentafluorobenzene	7.795	168	138112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	241819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	229749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89764	58.50	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.00%
35) Dibromofluoromethane	7.728	113	74930	55.84	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.68%
50) Toluene-d8	10.185	98	302231	52.95	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.90%
62) 4-Bromofluorobenzene	12.483	95	103604	53.49	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.98%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.198	62	4669	2.39	ug/l #	43
11) Tert butyl alcohol	4.984	59	264	1.75	ug/l #	73
16) Acetone	3.960	43	1098	Below	Cal	95
20) Methylene Chloride	4.722	84	3889	2.62	ug/l #	84
31) Cyclohexane	7.795	56	3110	1.11	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	11359	4.73	ug/l #	51
38) Carbon Tetrachloride	7.801	117	14293	6.88	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	59552	52.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59552	94.76	ug/l #	13

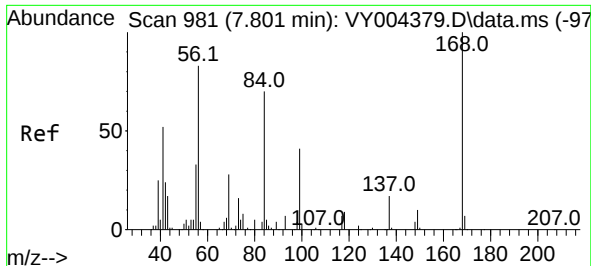
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
TP-8-S

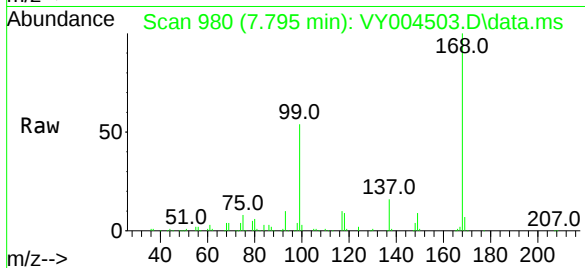
Quant Time: Apr 20 01:49:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
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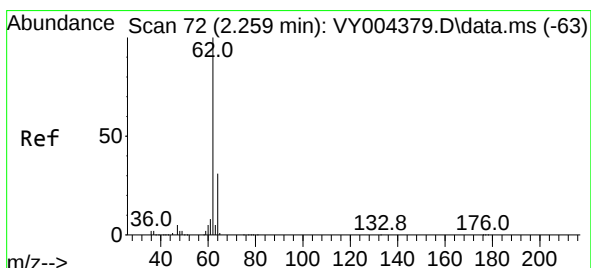
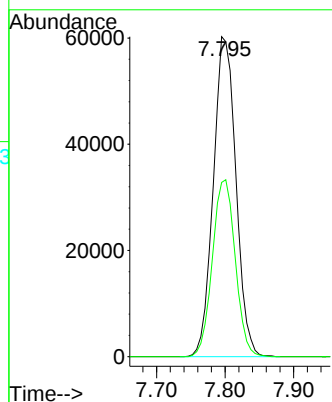
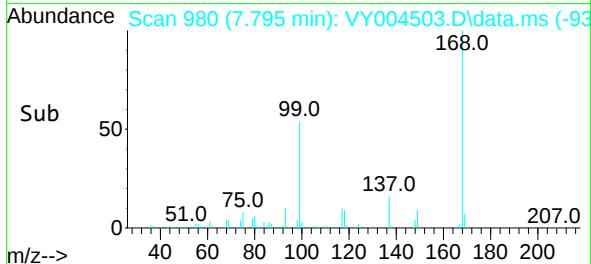


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11

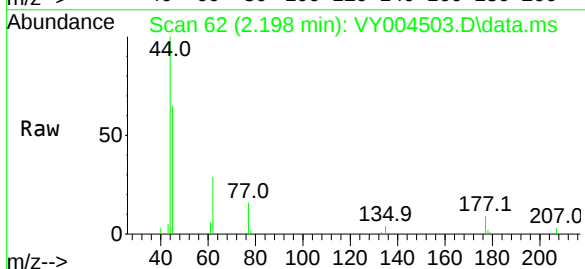
Instrument :
MSVOA_Y
ClientSampleId :
TP-8-S



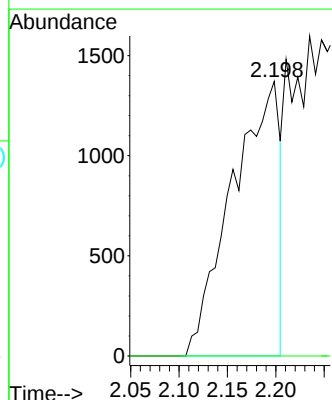
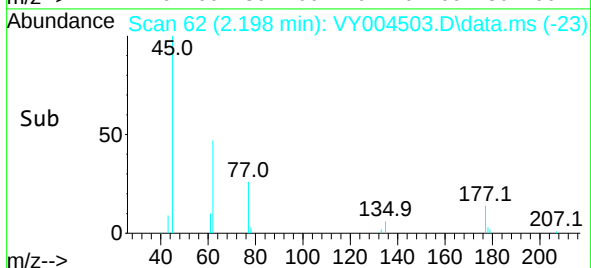
Tgt Ion:168 Resp: 138112
Ion Ratio Lower Upper
168 100
99 54.4 45.5 68.3

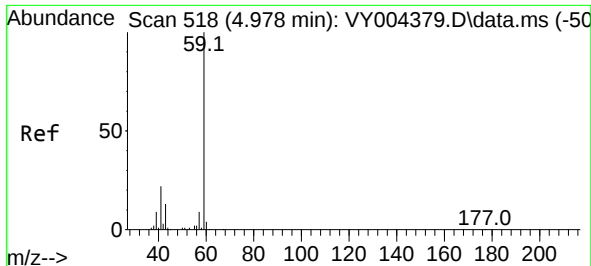


#4
Vinyl Chloride
Concen: 2.39 ug/l
RT: 2.198 min Scan# 62
Delta R.T. -0.061 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11



Tgt Ion: 62 Resp: 4669
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



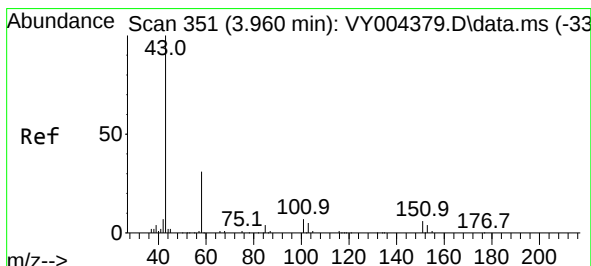
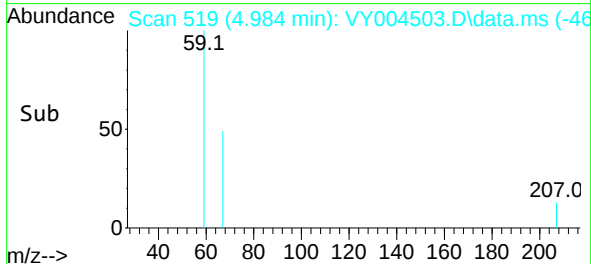
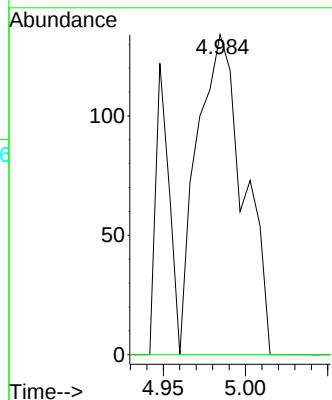
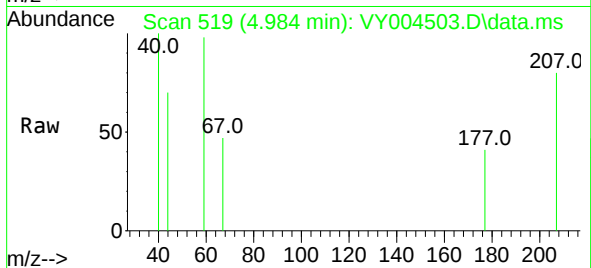


#11

Tert butyl alcohol
Concen: 1.75 ug/l
RT: 4.984 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11

Instrument :
MSVOA_Y
ClientSampled :
TP-8-S

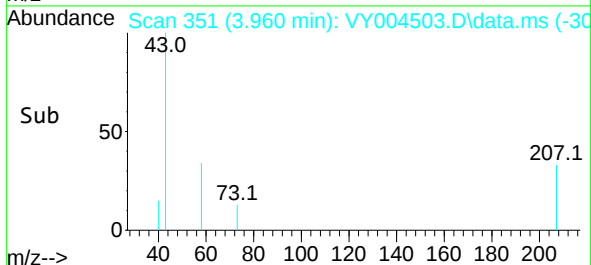
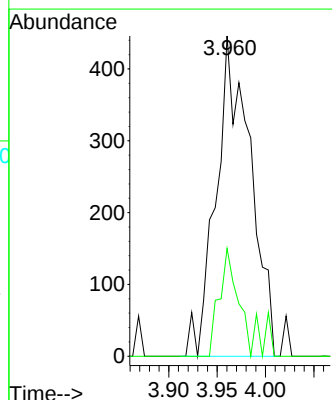
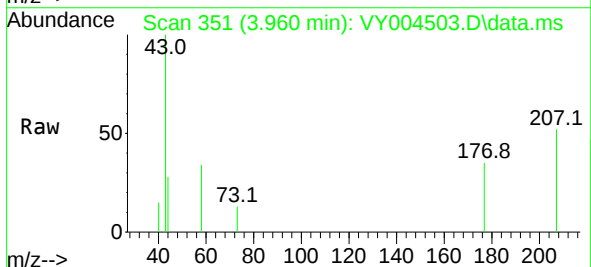
Tgt Ion: 59 Resp: 264
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

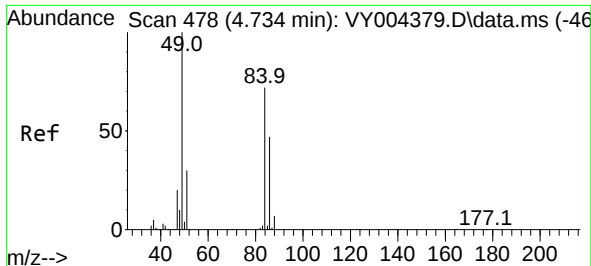


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11

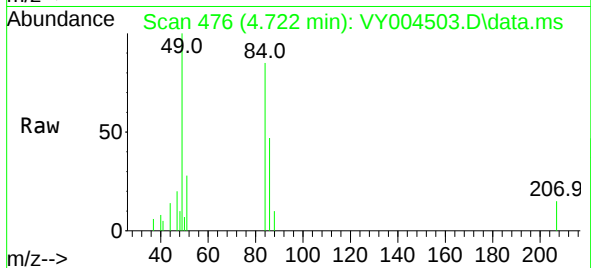
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 33.6 24.6 37.0



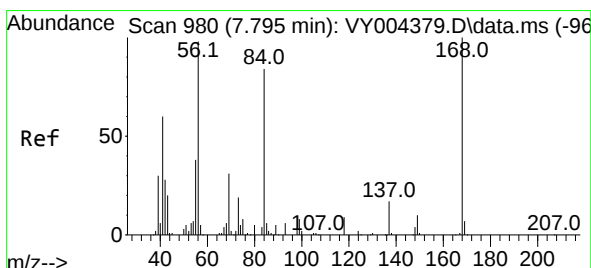
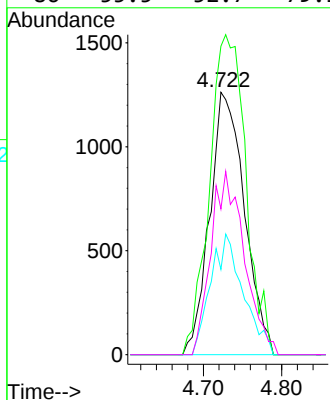
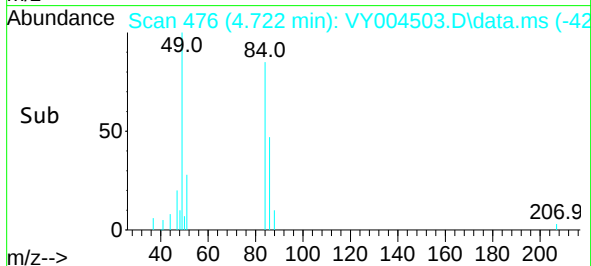


#20
Methylene Chloride
Concen: 2.62 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11

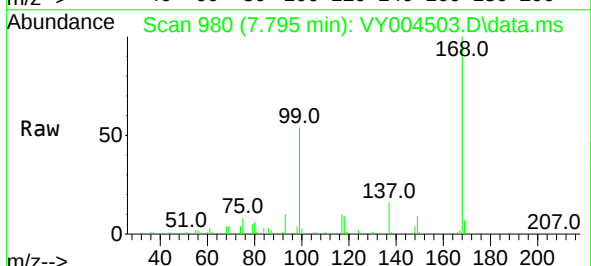
Instrument :
MSVOA_Y
ClientSampled :
TP-8-S



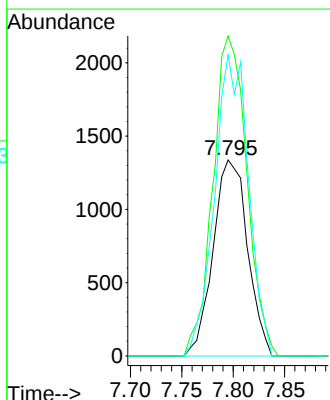
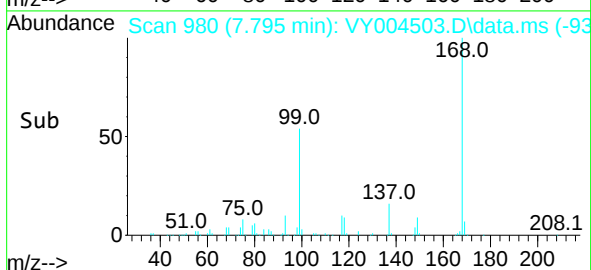
Tgt Ion:	84	Resp:	3889
Ion	Ratio	Lower	Upper
84	100		
49	117.6	111.2	166.8
51	32.5	33.4	50.2#
86	55.5	52.7	79.1

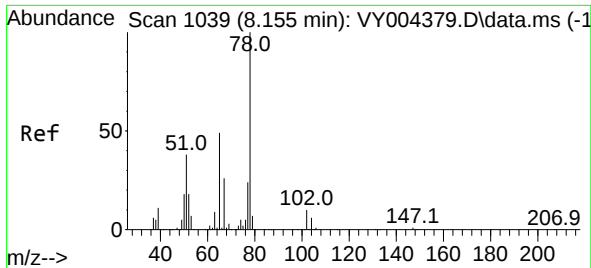


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11



Tgt Ion:	56	Resp:	3110
Ion	Ratio	Lower	Upper
56	100		
69	163.2	25.8	38.6#
84	153.6	68.2	102.4#

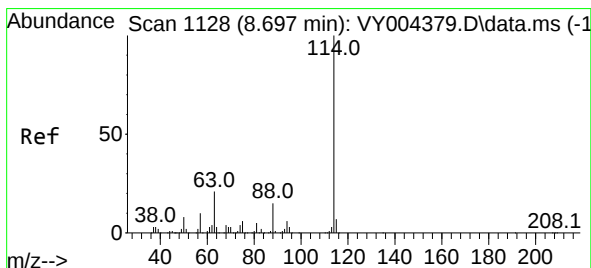
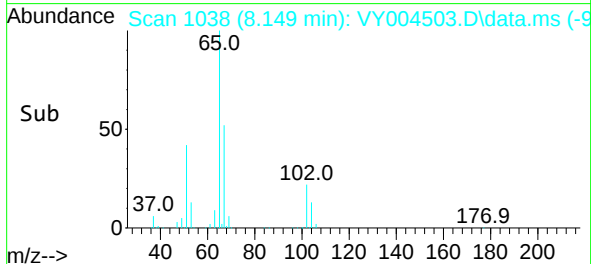
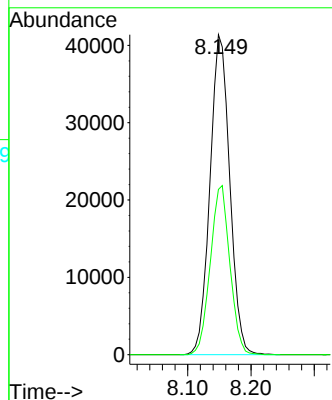
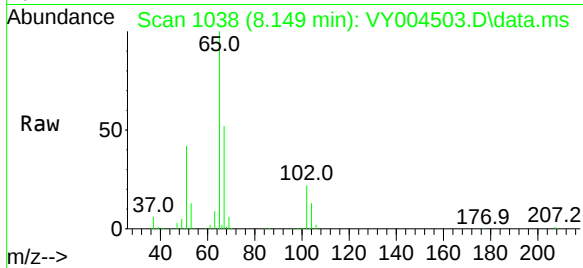




#33
1,2-Dichloroethane-d4
Concen: 58.50 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11

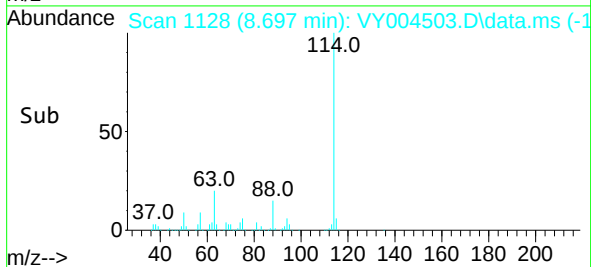
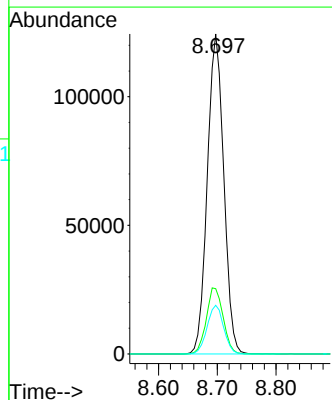
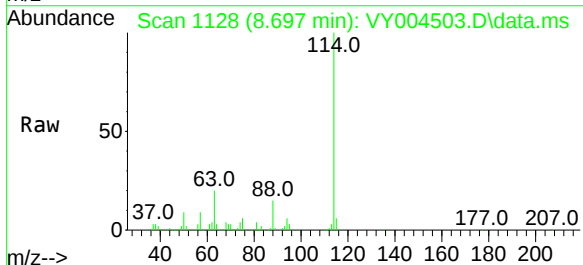
Instrument :
MSVOA_Y
ClientSampleId :
TP-8-S

Tgt Ion: 65 Resp: 89764
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11

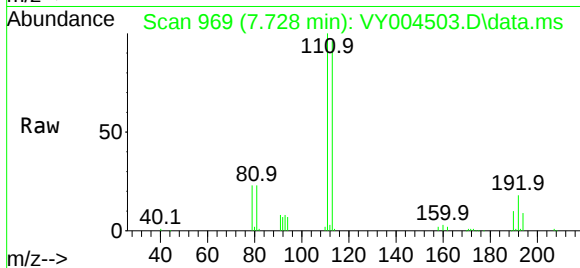
Tgt Ion: 114 Resp: 241819
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 15.2 0.0 30.8



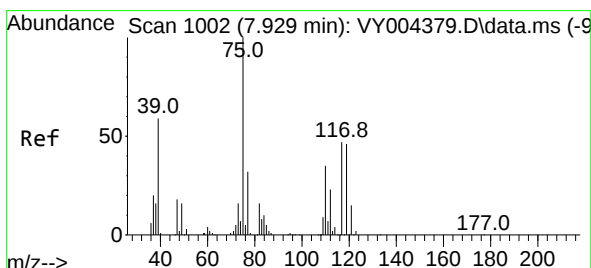
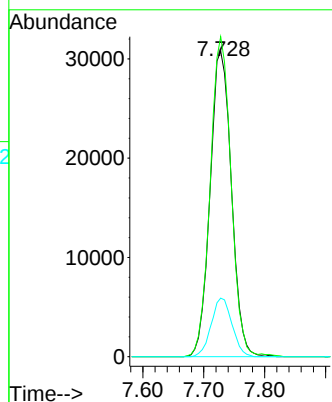
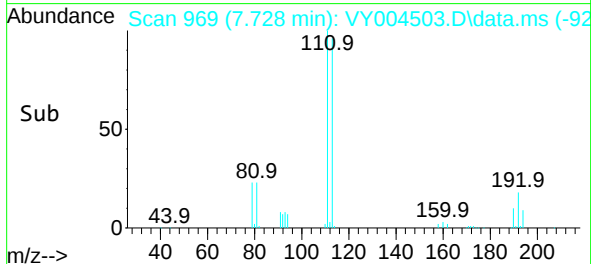


#35
Dibromofluoromethane
Concen: 55.84 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11

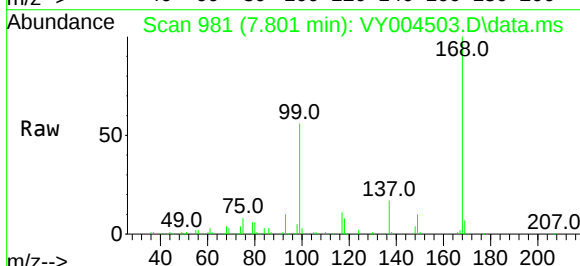
Instrument :
MSVOA_Y
ClientSampleId :
TP-8-S



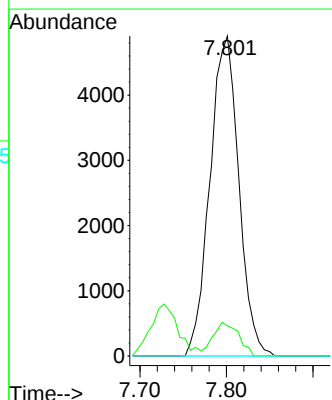
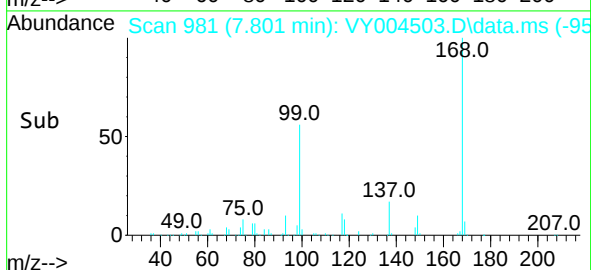
Tgt Ion:113 Resp: 74930
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 18.7 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11



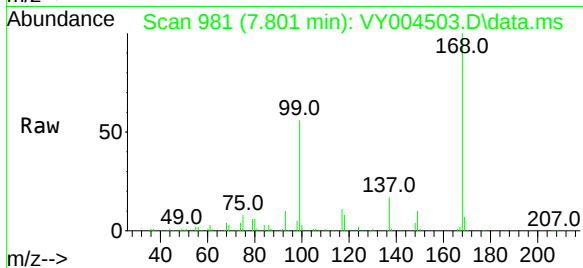
Tgt Ion: 75 Resp: 11359
Ion Ratio Lower Upper
75 100
110 9.3 17.3 51.7#
77 0.0 24.3 36.5#



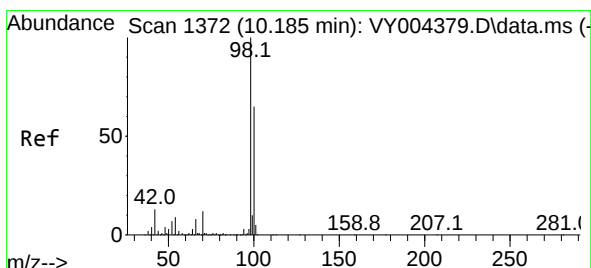
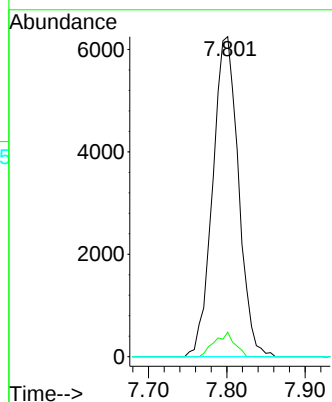
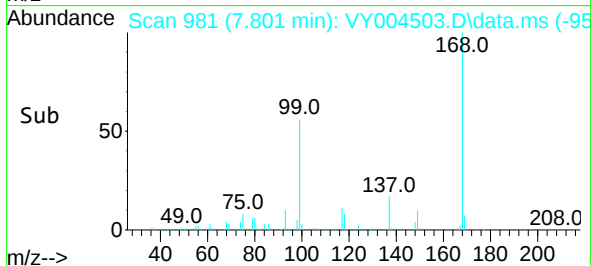


#38
Carbon Tetrachloride
Concen: 6.88 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11

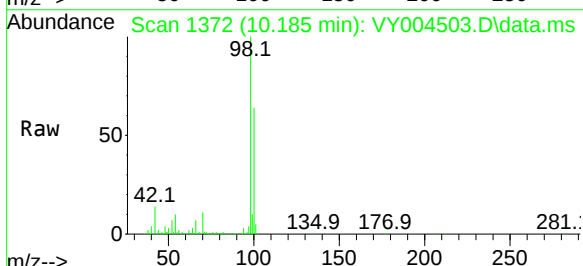
Instrument :
MSVOA_Y
ClientSampleId :
TP-8-S



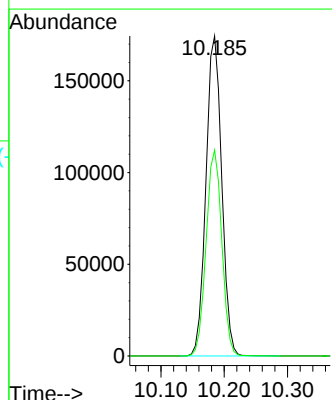
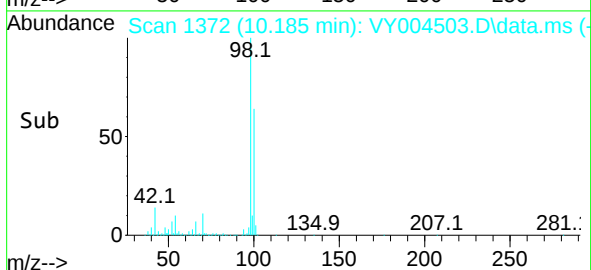
Tgt Ion:117 Resp: 14293
Ion Ratio Lower Upper
117 100
119 7.6 75.8 113.8#
121 0.0 25.3 37.9#

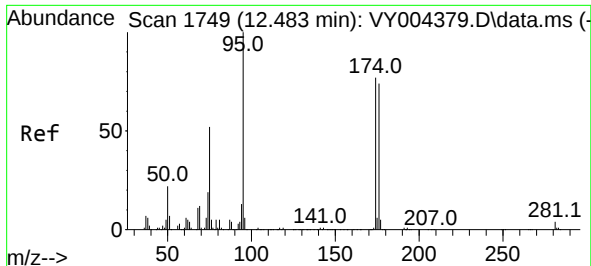


#50
Toluene-d8
Concen: 52.95 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11



Tgt Ion: 98 Resp: 302231
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

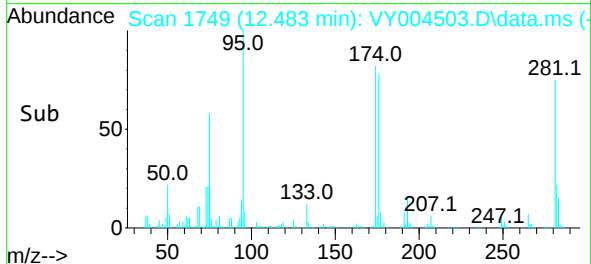
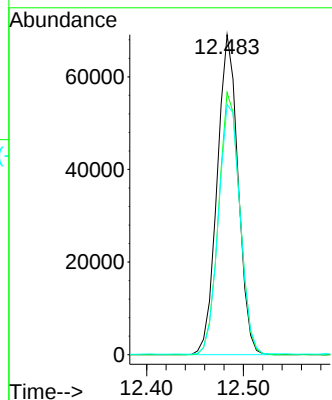
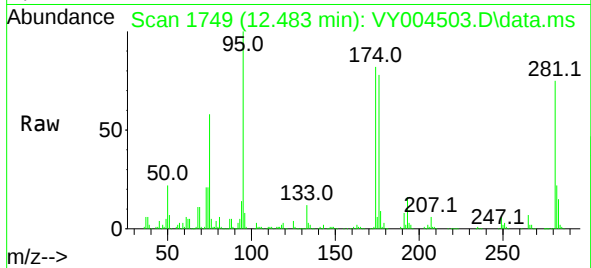




#62
4-Bromofluorobenzene
Concen: 53.49 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11

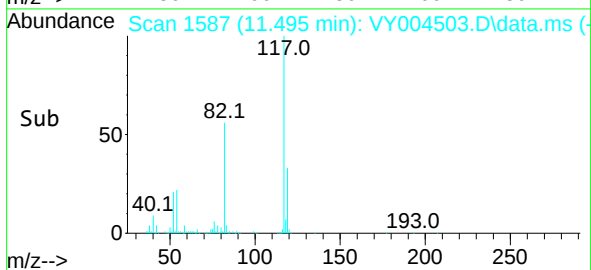
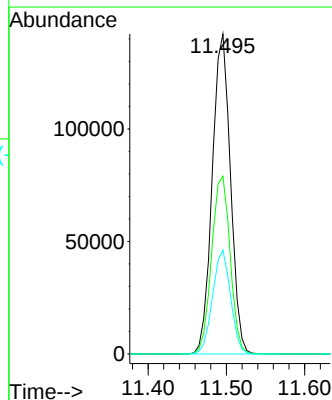
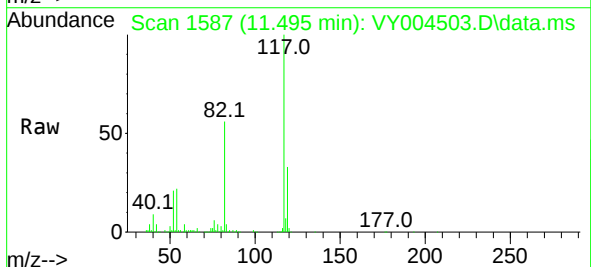
Instrument :
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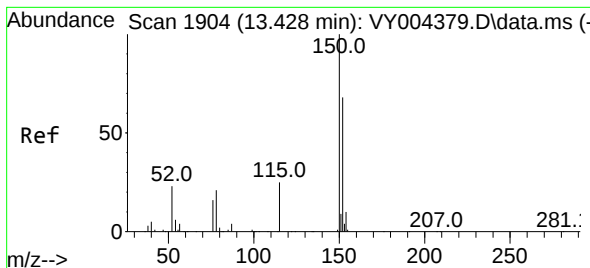
Tgt Ion: 95 Resp: 103604
Ion Ratio Lower Upper
95 100
174 82.9 0.0 162.4
176 81.1 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004503.D
Acq: 19 Apr 2021 17:11

Tgt Ion: 117 Resp: 229749
Ion Ratio Lower Upper
117 100
82 55.5 44.9 67.3
119 32.5 25.4 38.0

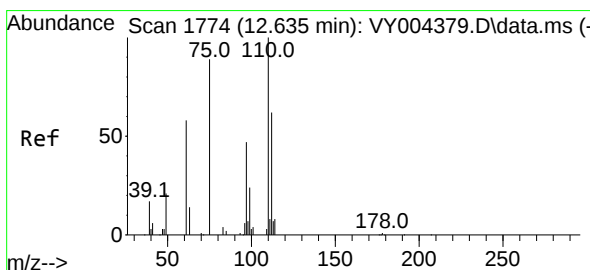
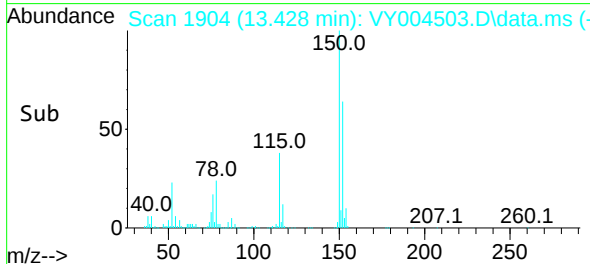
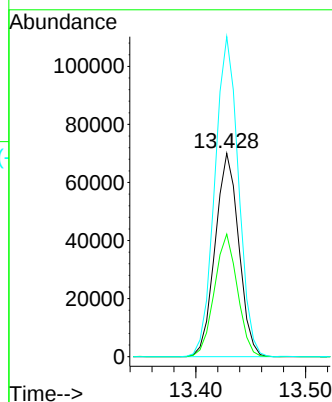
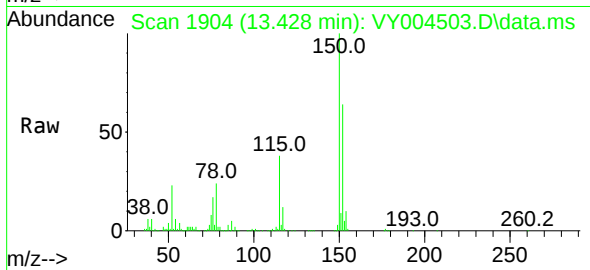




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004503.D
 Acq: 19 Apr 2021 17:11

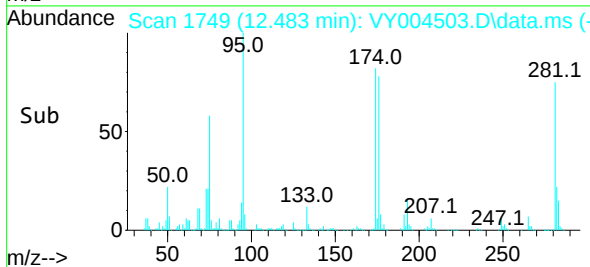
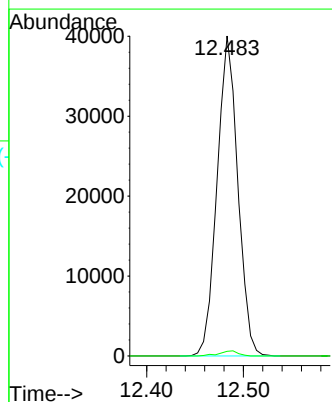
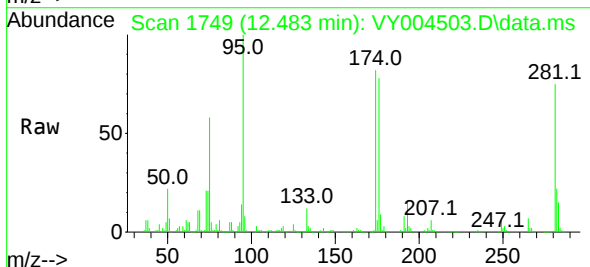
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8-S

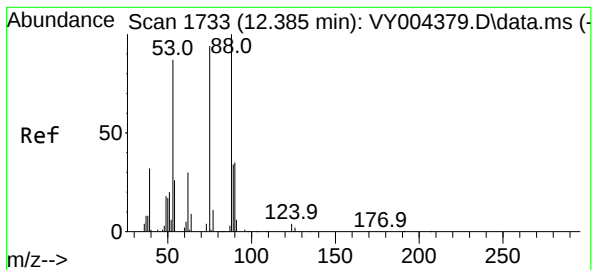
Tgt Ion:152 Resp: 104746
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.6 88.8
 150 158.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 52.97 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004503.D
 Acq: 19 Apr 2021 17:11

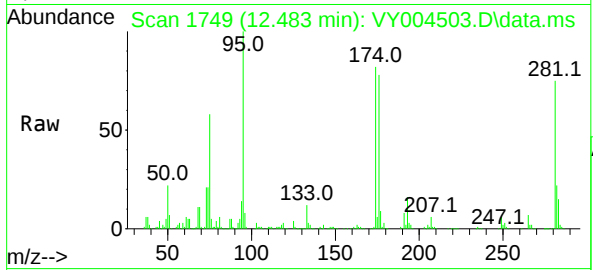
Tgt Ion: 75 Resp: 59552
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.76 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004503.D
 Acq: 19 Apr 2021 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8-S



Tgt Ion:	75	Resp:	59552
Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	1.8	36.1	54.1#

