

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005035.D
 Acq On : 08 Jun 2021 20:04
 Operator : SY/MD
 Sample : M2628-01
 Misc : 5.53G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 09 03:53:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

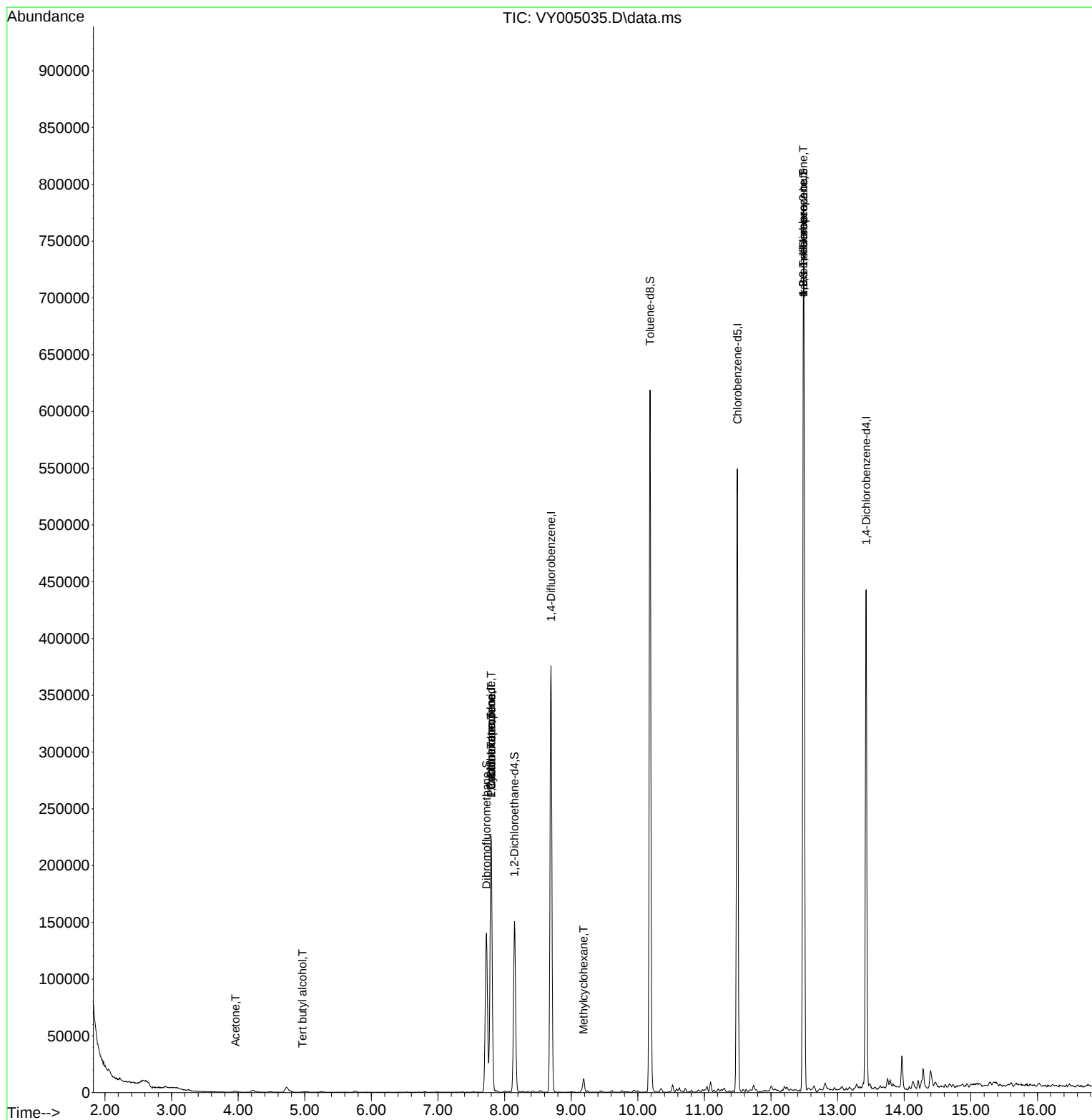
Internal Standards							
1) Pentafluorobenzene		7.801	168	167716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.697	114	316199	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.495	117	293913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.428	152	107536	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.148	65	111124	62.674	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.340%	
35) Dibromofluoromethane		7.728	113	99053	58.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.460%	
50) Toluene-d8		10.185	98	391885	55.466	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.940%	
62) 4-Bromofluorobenzene		12.483	95	119563	49.206	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.420%	
Target Compounds							
						Qvalue	
11) Tert butyl alcohol		4.966	59	641	3.144	ug/l #	74
16) Acetone		3.960	43	1567	3.671	ug/l	91
20) Methylene Chloride		4.722	84	2911	Below Cal	#	78
31) Cyclohexane		7.795	56	5059	1.621	ug/l #	24
36) 1,1-Dichloropropene		7.801	75	13713	4.431	ug/l #	50
38) Carbon Tetrachloride		7.795	117	17117	6.356	ug/l #	16
39) Methylcyclohexane		9.185	83	4772	1.396	ug/l	90
76) 1,2,3-Trichloropropane		12.483	75	68461	58.077	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.483	75	68461	106.732	ug/l #	16

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

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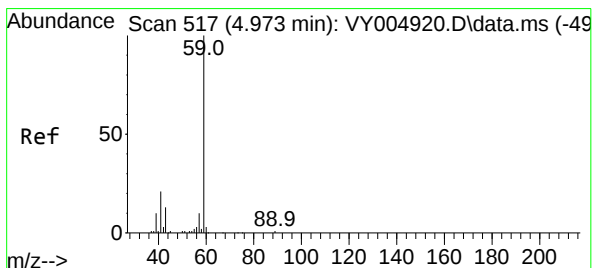
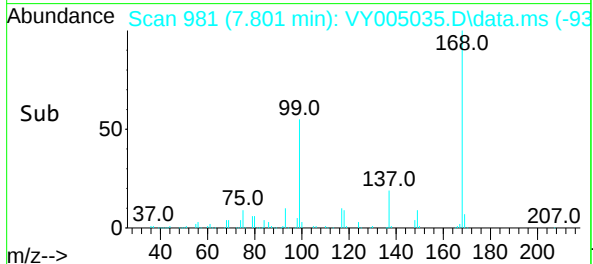
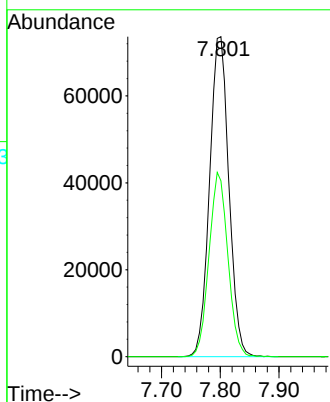
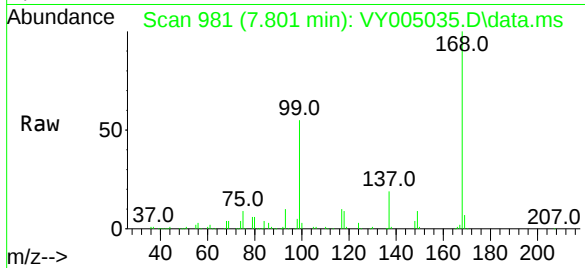




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005035.D
Acq: 08 Jun 2021 20:04

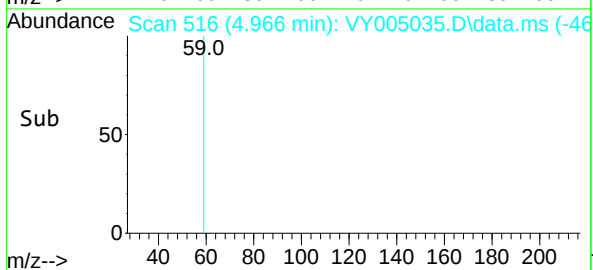
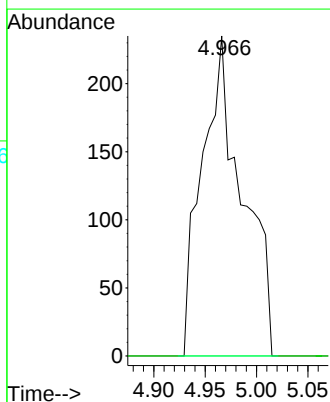
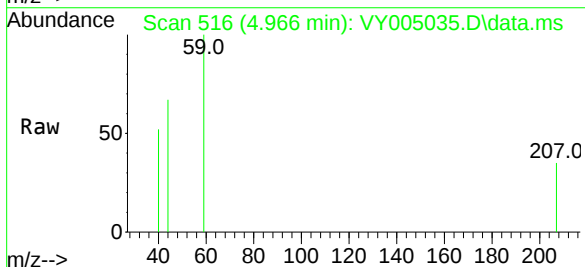
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 167716
Ion Ratio Lower Upper
168 100
99 55.0 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.144 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY005035.D
Acq: 08 Jun 2021 20:04

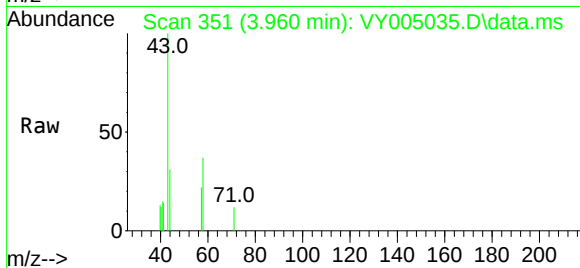
Tgt Ion: 59 Resp: 641
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



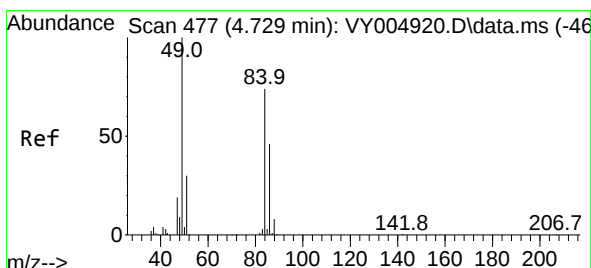
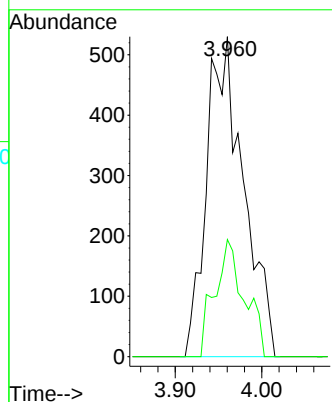
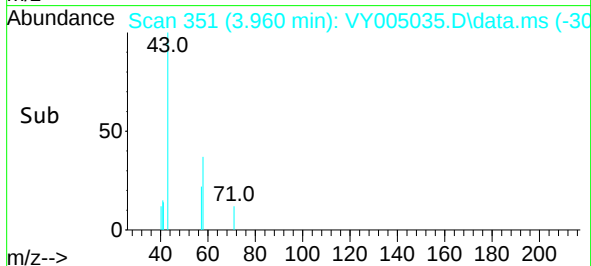


#16
Acetone
Concen: 3.671 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005035.D
Acq: 08 Jun 2021 20:04

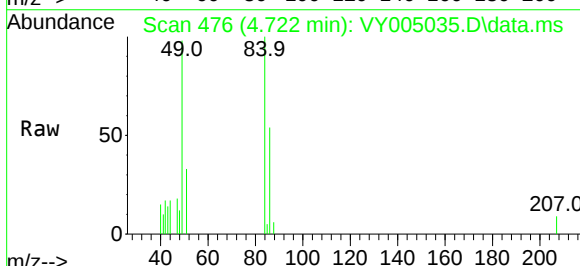
Instrument :
MSVOA_Y
ClientSampled :



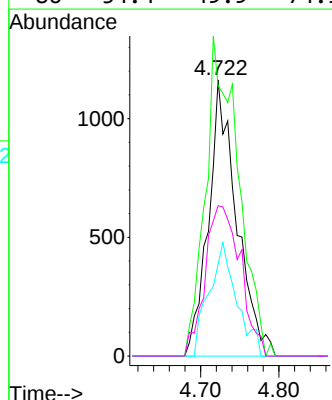
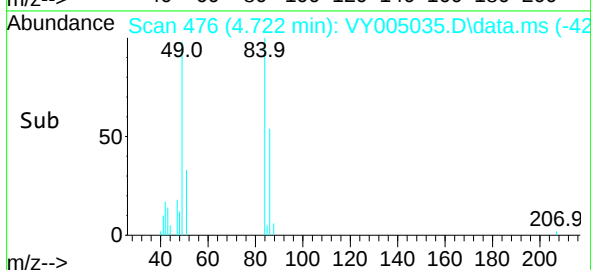
Tgt Ion: 43 Resp: 1567
Ion Ratio Lower Upper
43 100
58 36.6 25.3 37.9

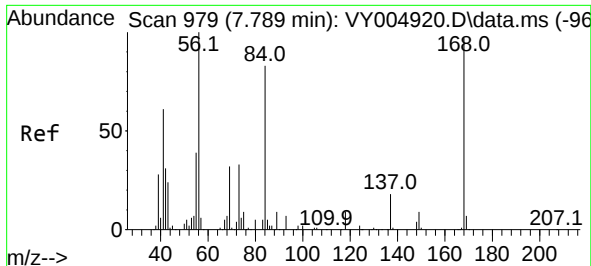


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005035.D
Acq: 08 Jun 2021 20:04



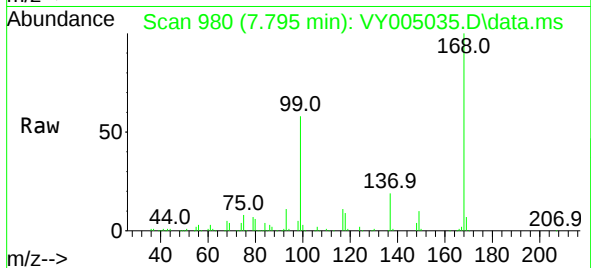
Tgt Ion: 84 Resp: 2911
Ion Ratio Lower Upper
84 100
49 97.9 108.0 162.0#
51 33.3 32.6 48.8
86 54.4 49.9 74.9



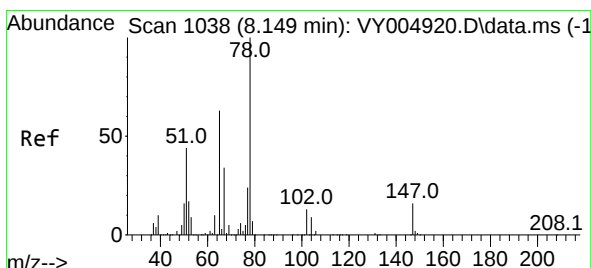
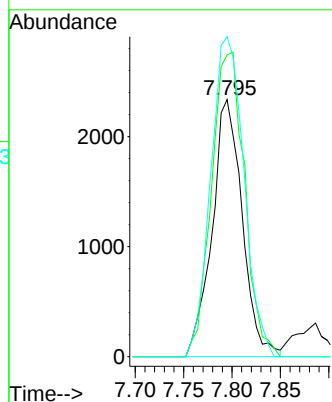
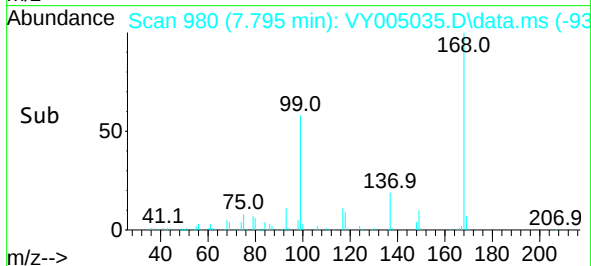


#31
Cyclohexane
Concen: 1.621 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005035.D
Acq: 08 Jun 2021 20:04

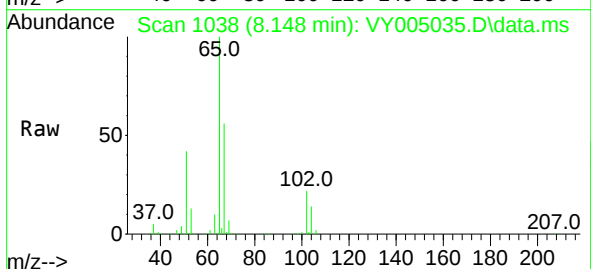
Instrument :
MSVOA_Y
ClientSampleId :



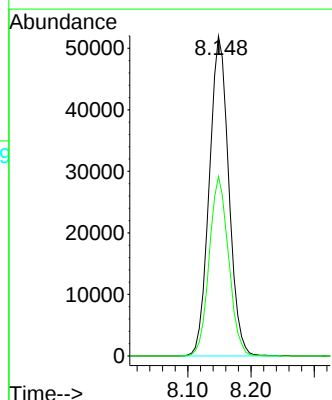
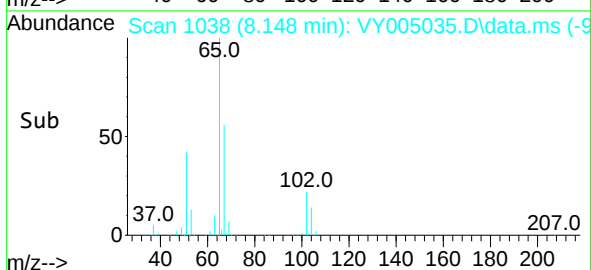
Tgt Ion: 56 Resp: 5059
Ion Ratio Lower Upper
56 100
69 117.4 25.3 37.9#
84 124.5 66.2 99.4#

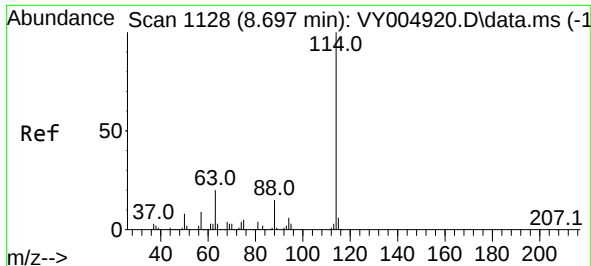


#33
1,2-Dichloroethane-d4
Concen: 62.674 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005035.D
Acq: 08 Jun 2021 20:04



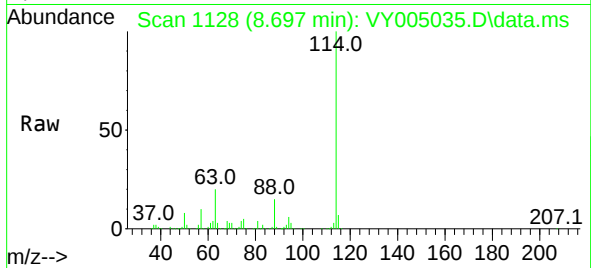
Tgt Ion: 65 Resp: 111124
Ion Ratio Lower Upper
65 100
67 55.7 0.0 110.6



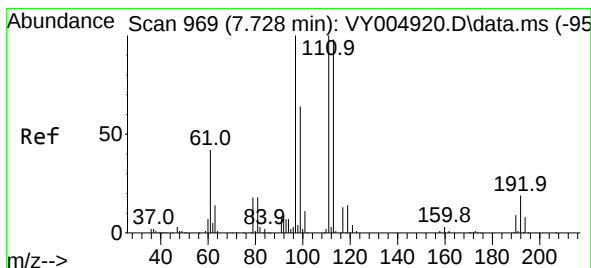
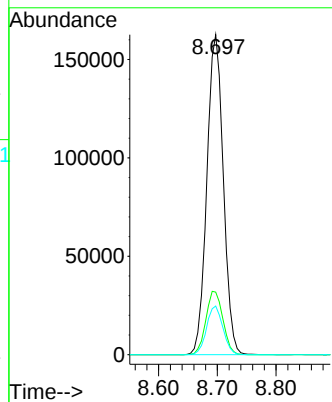
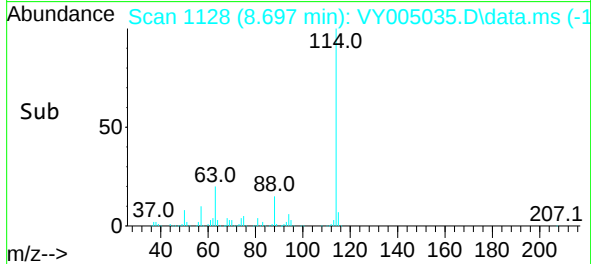


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005035.D
Acq: 08 Jun 2021 20:04

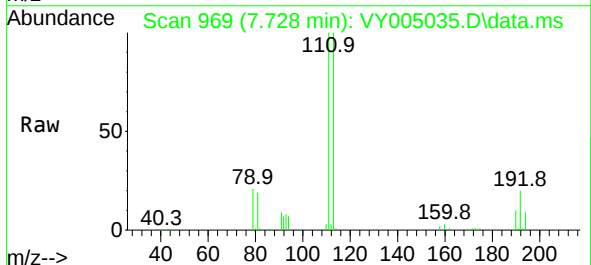
Instrument :
MSVOA_Y
ClientSampled :



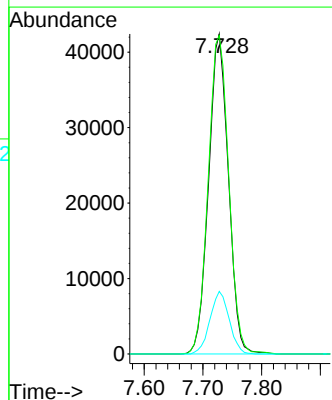
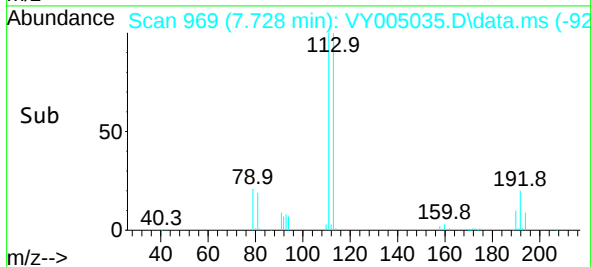
Tgt Ion:114 Resp: 316199
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.0
88 15.2 0.0 30.6

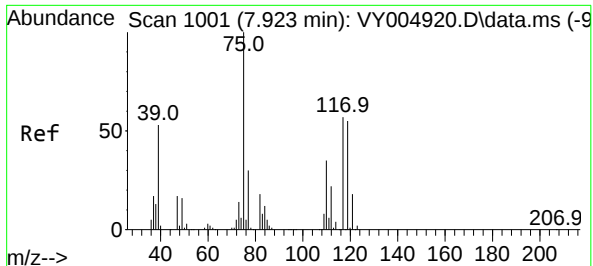


#35
Dibromofluoromethane
Concen: 58.226 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005035.D
Acq: 08 Jun 2021 20:04



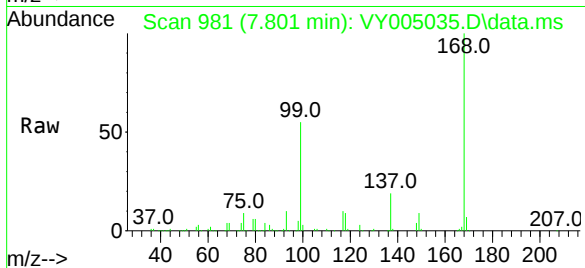
Tgt Ion:113 Resp: 99053
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.8
192 19.0 15.3 22.9



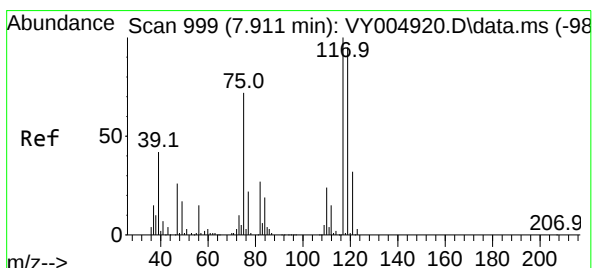
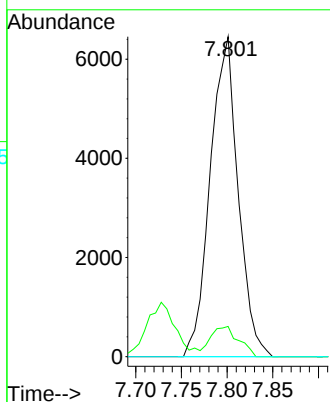
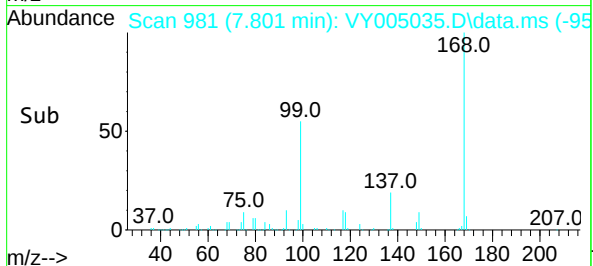


#36
1,1-Dichloropropene
Concen: 4.431 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005035.D
Acq: 08 Jun 2021 20:04

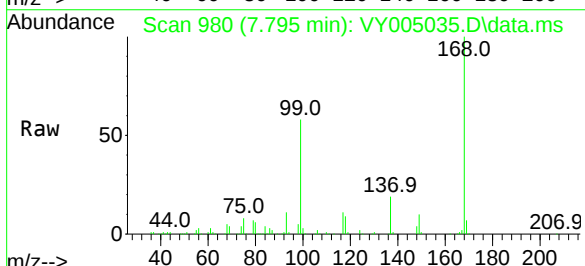
Instrument :
MSVOA_Y
ClientSampleId :



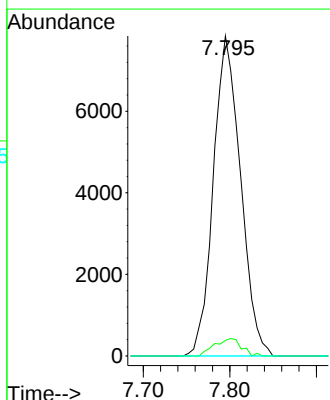
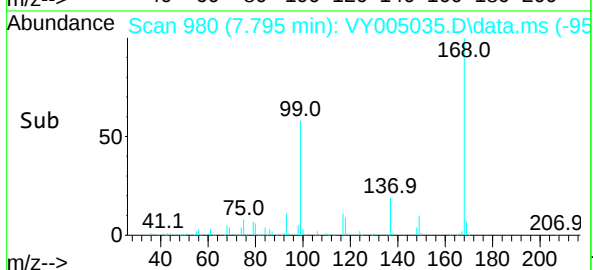
Tgt Ion: 75 Resp: 13713
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 25.1 37.7#

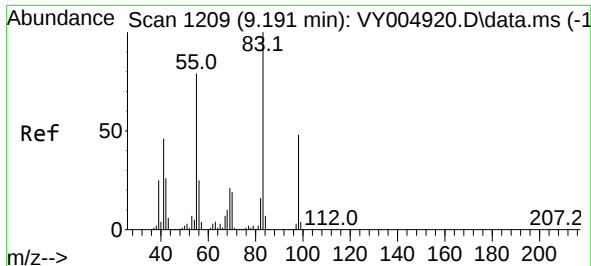


#38
Carbon Tetrachloride
Concen: 6.356 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005035.D
Acq: 08 Jun 2021 20:04



Tgt Ion: 117 Resp: 17117
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 25.5 38.3#





#39

Methylcyclohexane

Concen: 1.396 ug/l

RT: 9.185 min Scan# 1208

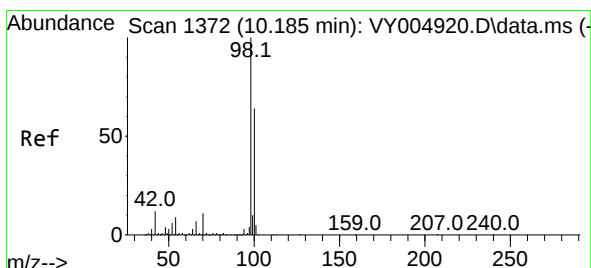
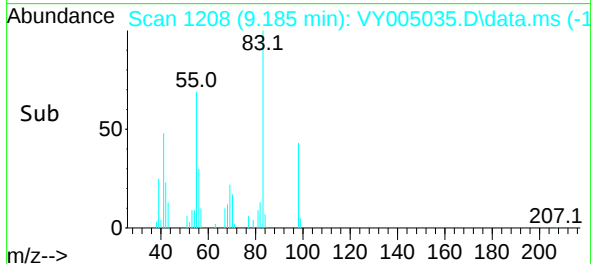
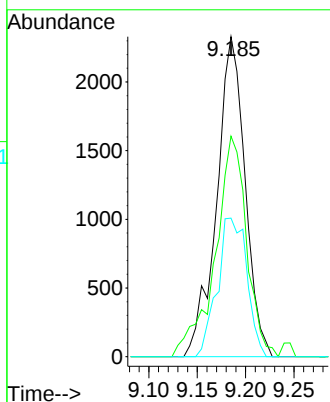
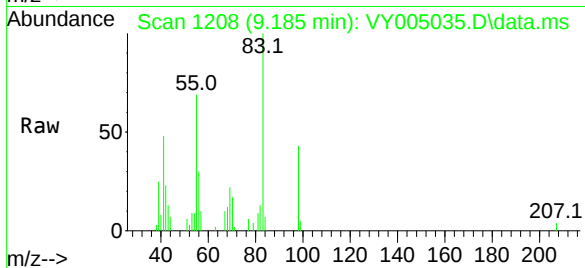
Delta R.T. -0.006 min

Lab File: VY005035.D

Acq: 08 Jun 2021 20:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83	Resp: 4772
Ion Ratio	Lower Upper
83 100	
55 68.9	63.1 94.7
98 43.3	38.6 58.0



#50

Toluene-d8

Concen: 55.466 ug/l

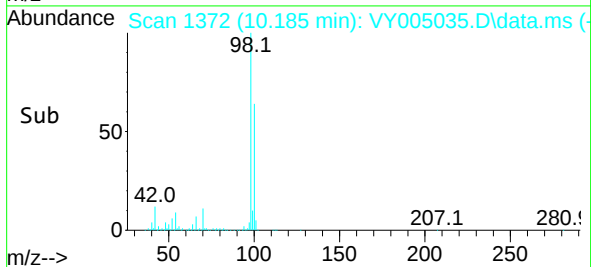
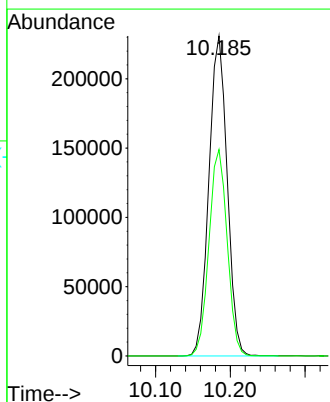
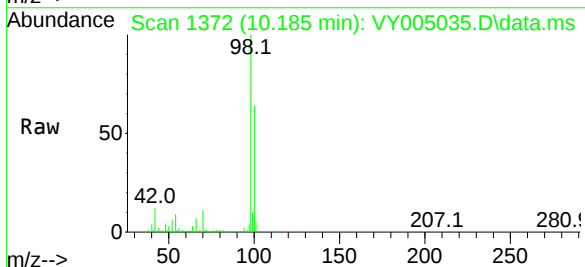
RT: 10.185 min Scan# 1372

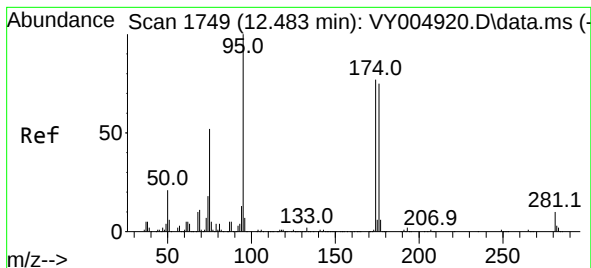
Delta R.T. -0.000 min

Lab File: VY005035.D

Acq: 08 Jun 2021 20:04

Tgt Ion: 98	Resp: 391885
Ion Ratio	Lower Upper
98 100	
100 64.3	51.8 77.6

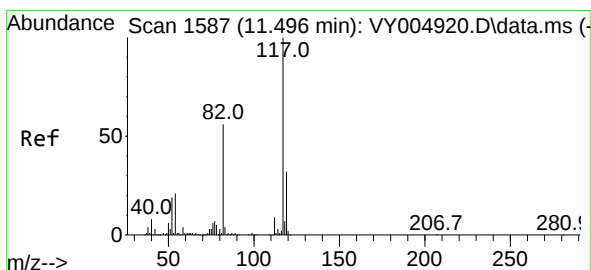
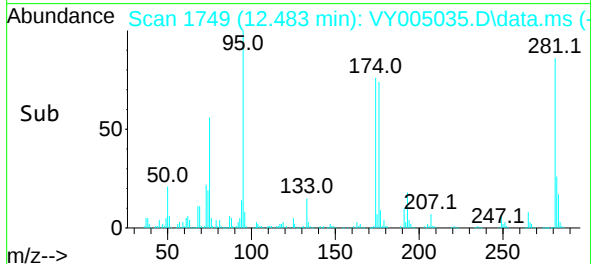
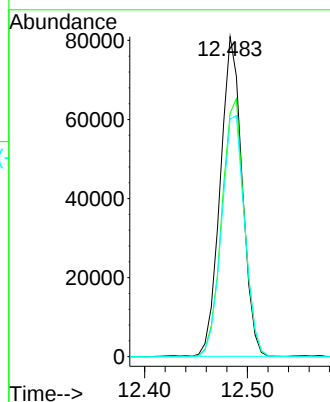
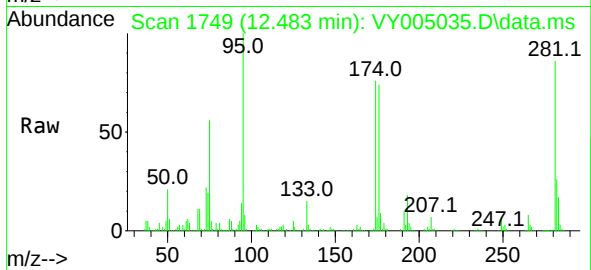




#62
4-Bromofluorobenzene
Concen: 49.206 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005035.D
Acq: 08 Jun 2021 20:04

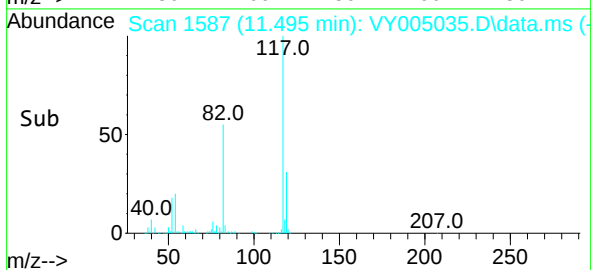
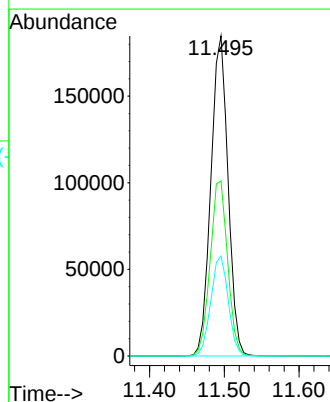
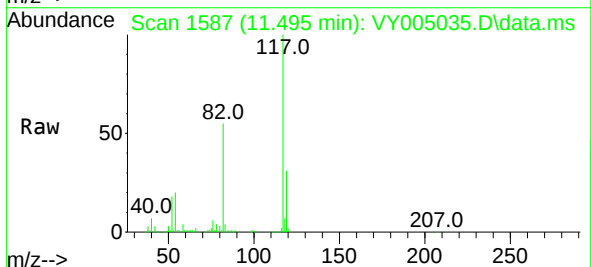
Instrument :
MSVOA_Y
ClientSampleId :

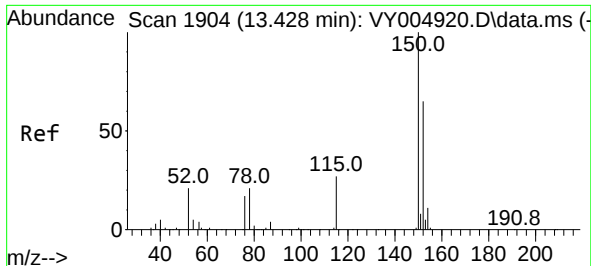
Tgt Ion: 95 Resp: 119563
Ion Ratio Lower Upper
95 100
174 83.1 0.0 160.8
176 79.7 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005035.D
Acq: 08 Jun 2021 20:04

Tgt Ion: 117 Resp: 293913
Ion Ratio Lower Upper
117 100
82 54.7 44.8 67.2
119 31.2 25.2 37.8

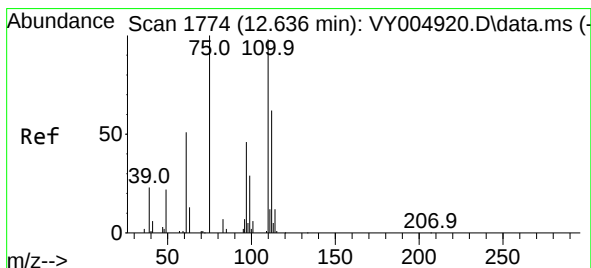
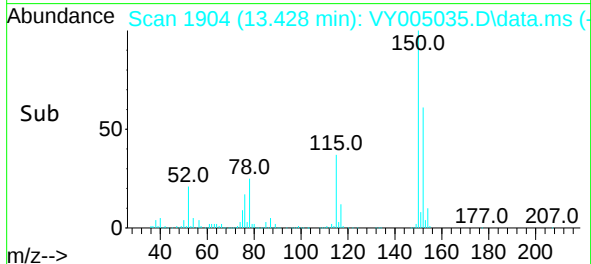
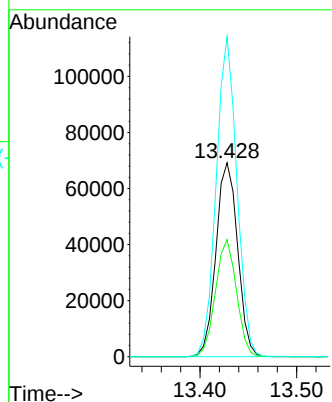
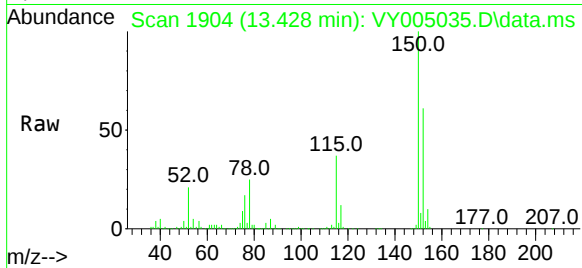




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005035.D
 Acq: 08 Jun 2021 20:04

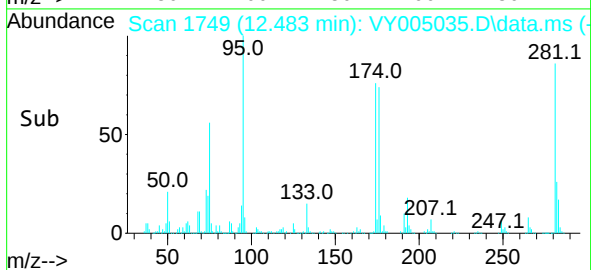
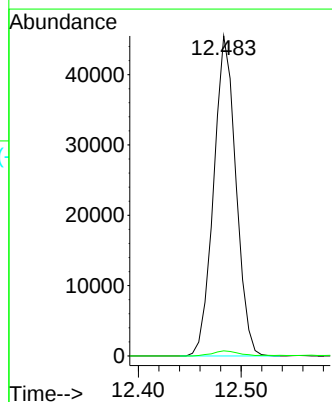
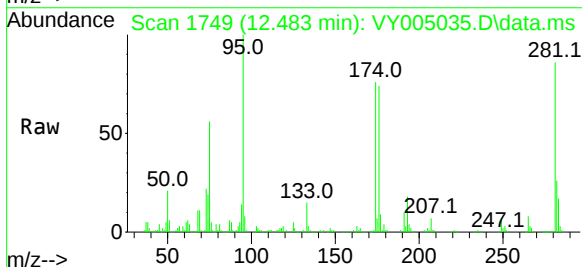
Instrument :
 MSVOA_Y
 ClientSampled :

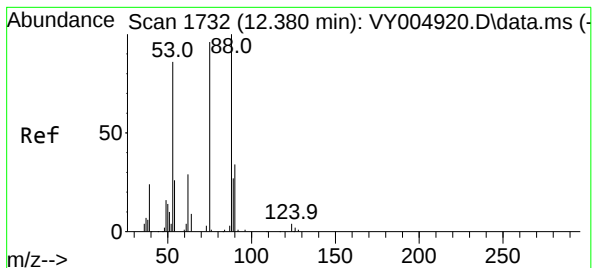
Tgt Ion:152 Resp: 107536
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.9 89.7
 150 157.6 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 58.077 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005035.D
 Acq: 08 Jun 2021 20:04

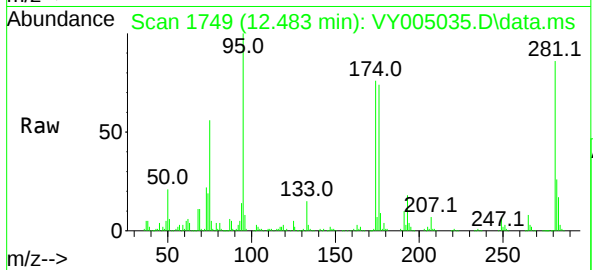
Tgt Ion: 75 Resp: 68461
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.732 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005035.D
 Acq: 08 Jun 2021 20:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 68461
 Ion Ratio Lower Upper
 75 100
 53 0.3 69.3 103.9#
 89 2.2 35.0 52.6#

