

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005050.D
 Acq On : 09 Jun 2021 16:41
 Operator : SY/MD
 Sample : M2661-01
 Misc : 6.32G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 10 02:42:48 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)

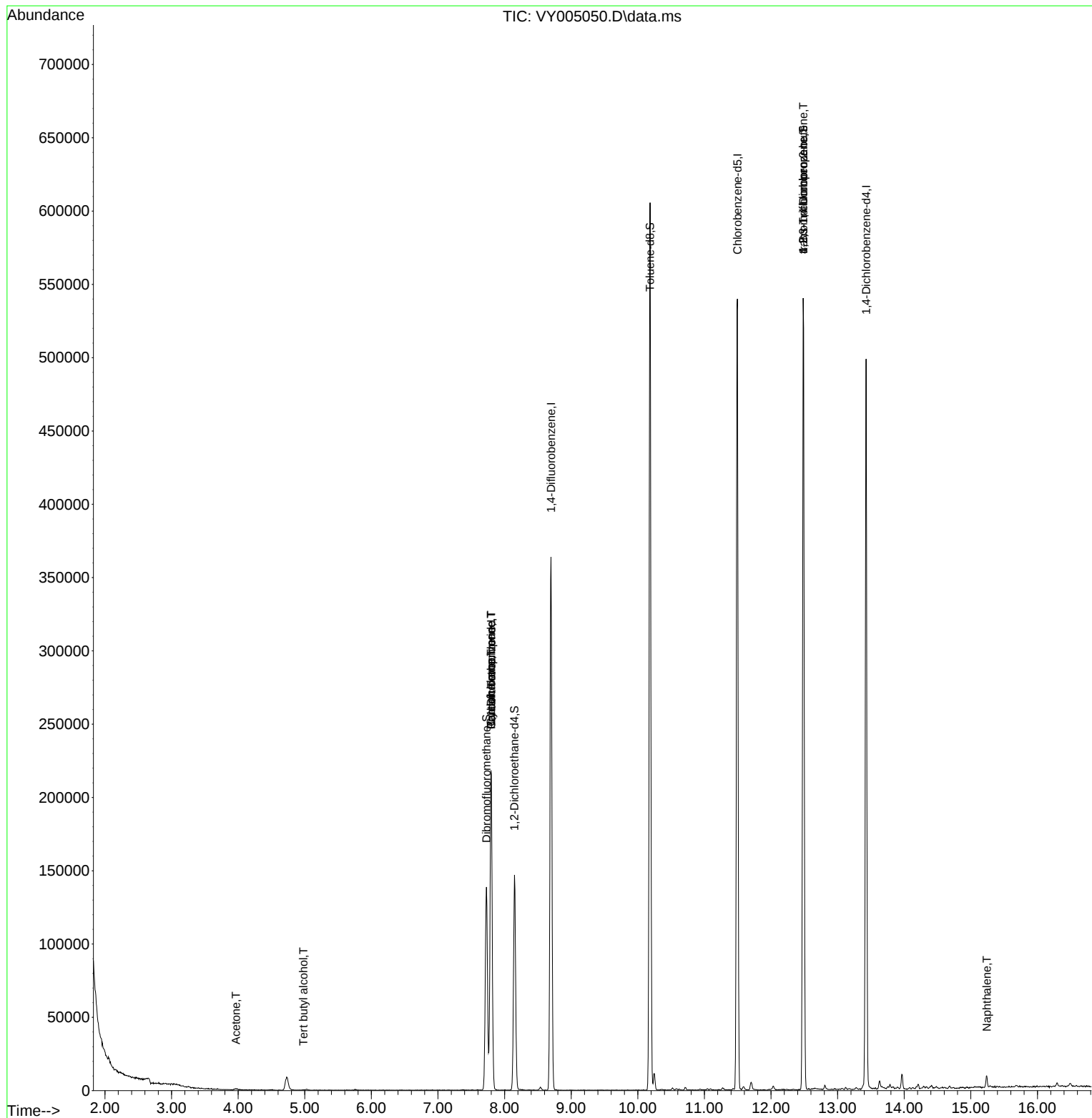
Internal Standards						
1) Pentafluorobenzene	7.801	168	167268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	310128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	299716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110632	62.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.120%
35) Dibromofluoromethane	7.728	113	98000	58.734	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.460%
50) Toluene-d8	10.185	98	387764	55.957	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.920%
62) 4-Bromofluorobenzene	12.483	95	124498	52.240	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	297	1.460	ug/l #	74
16) Acetone	3.966	43	1109	2.605	ug/l	97
20) Methylene Chloride	4.729	84	6796	Below Cal		88
31) Cyclohexane	7.795	56	3622	1.163	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13967	4.602	ug/l #	48
38) Carbon Tetrachloride	7.801	117	16991	6.432	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	67023	49.889	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	67023	91.685	ug/l #	16
95) Naphthalene	15.239	128	6342	1.320	ug/l	98

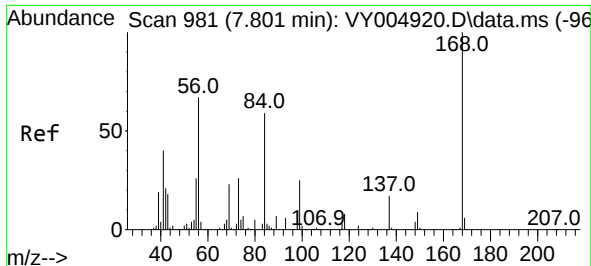
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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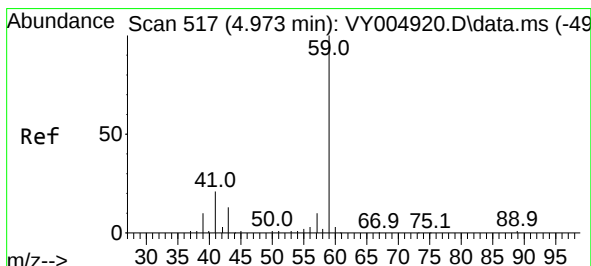
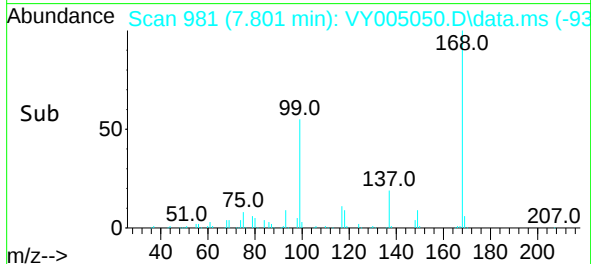
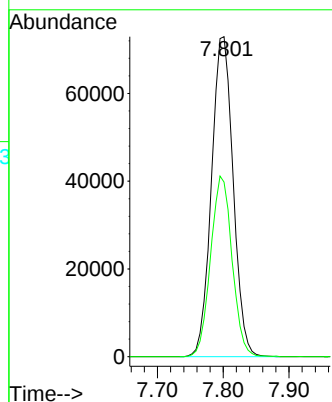
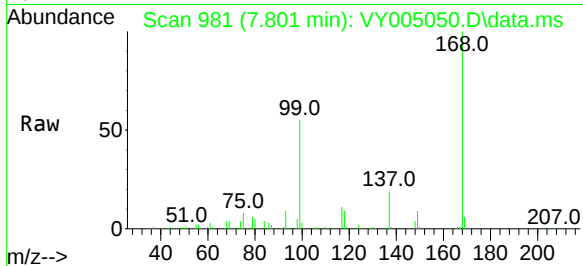




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

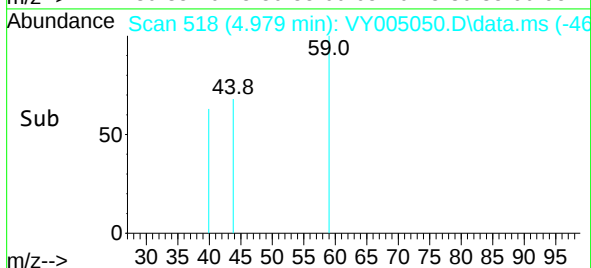
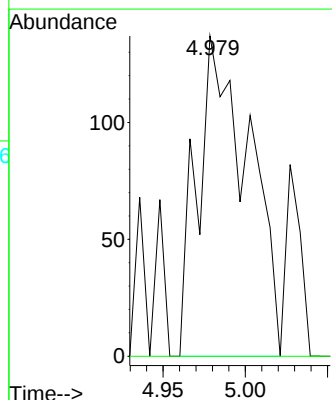
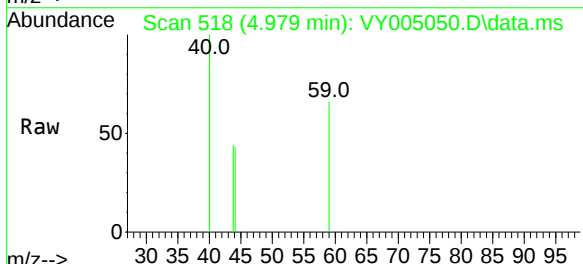
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 167268
Ion Ratio Lower Upper
168 100
99 54.6 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.460 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

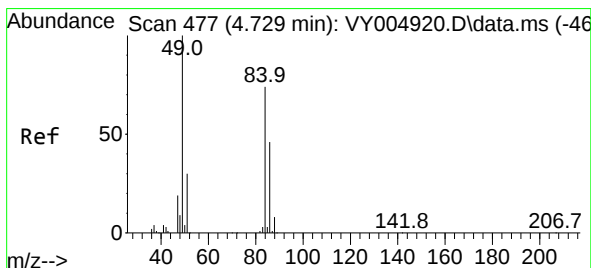
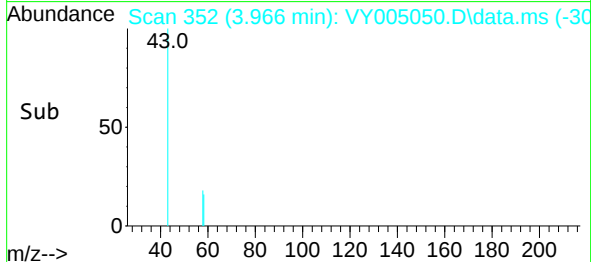
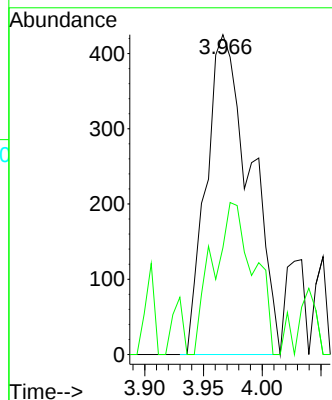
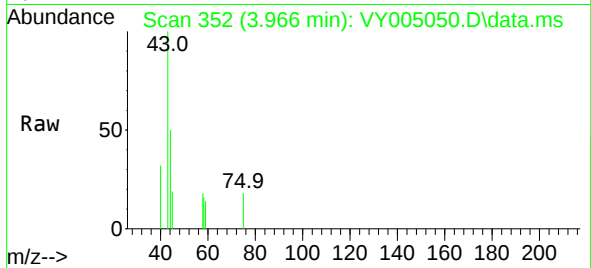




#16
Acetone
Concen: 2.605 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

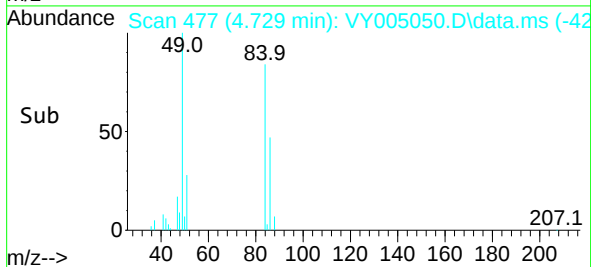
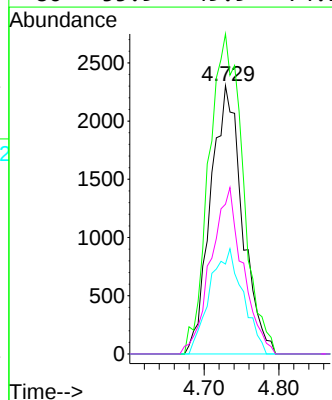
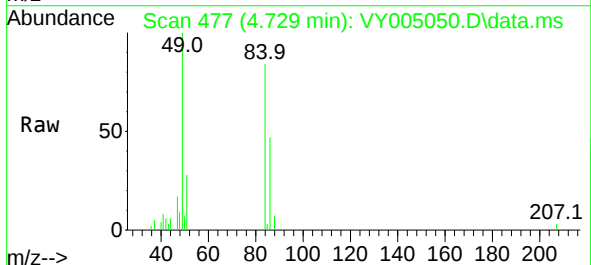
Instrument :
MSVOA_Y
ClientSampleId :

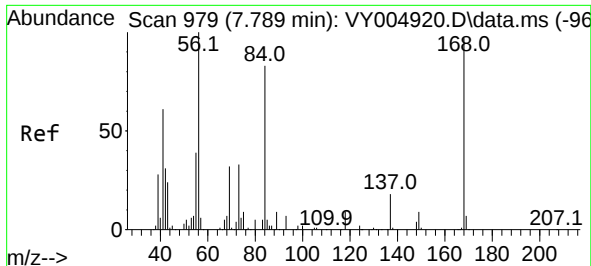
Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
58 33.4 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

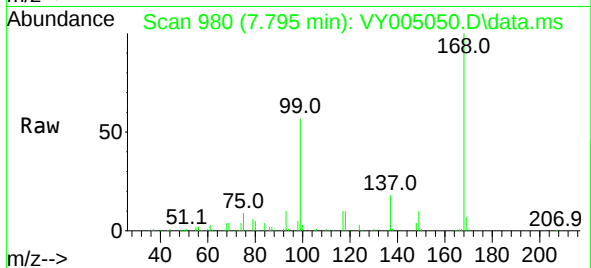
Tgt Ion: 84 Resp: 6796
Ion Ratio Lower Upper
84 100
49 119.3 108.0 162.0
51 33.5 32.6 48.8
86 55.9 49.9 74.9



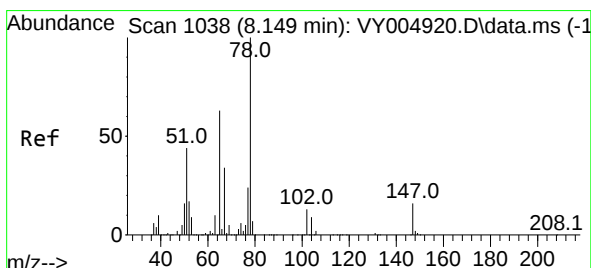
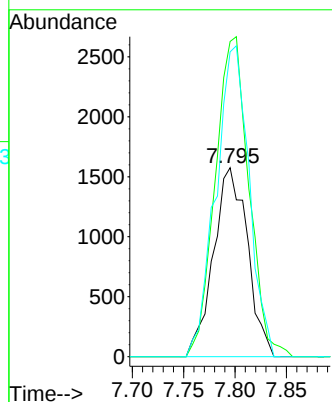
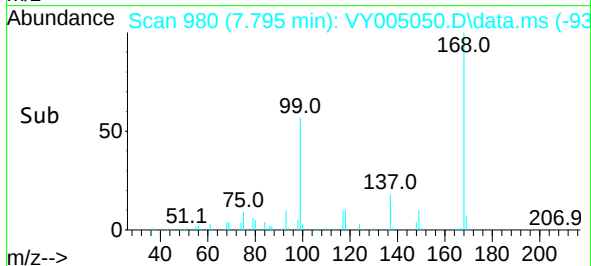


#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

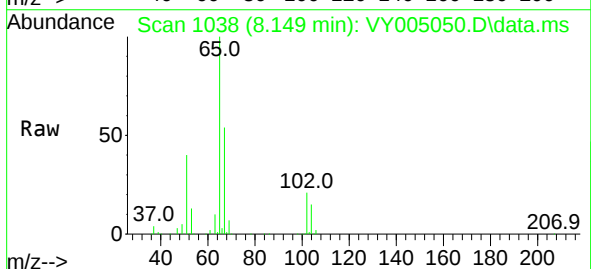
Instrument :
MSVOA_Y
ClientSampleId :



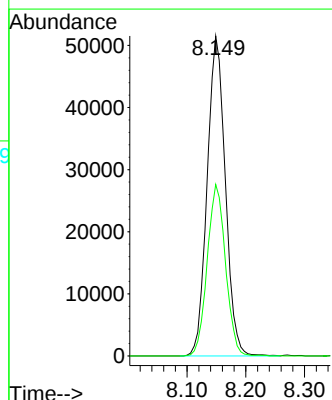
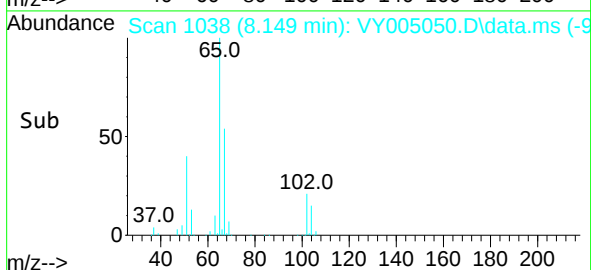
Tgt Ion: 56 Resp: 3622
Ion Ratio Lower Upper
56 100
69 166.8 25.3 37.9#
84 161.2 66.2 99.4#

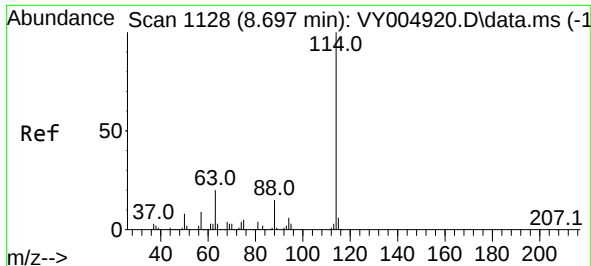


#33
1,2-Dichloroethane-d4
Concen: 62.563 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41



Tgt Ion: 65 Resp: 110632
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6

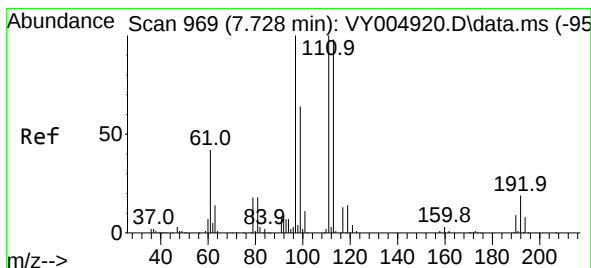
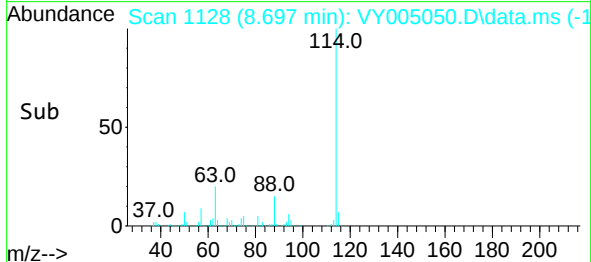
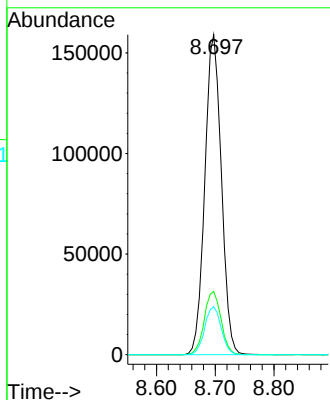
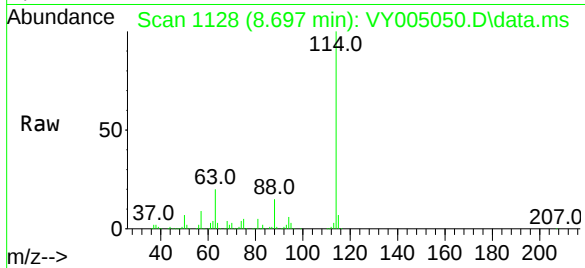




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

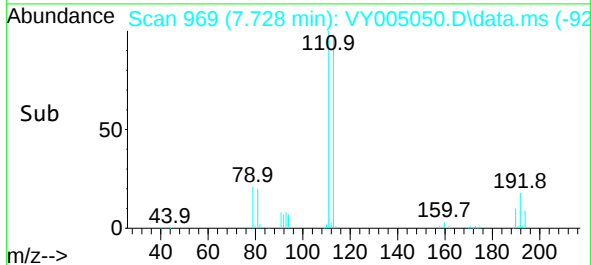
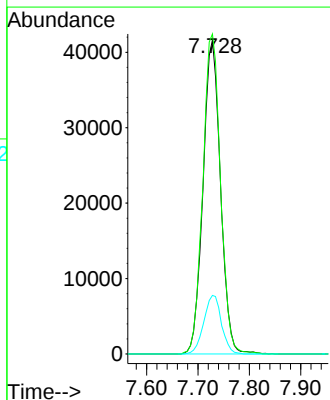
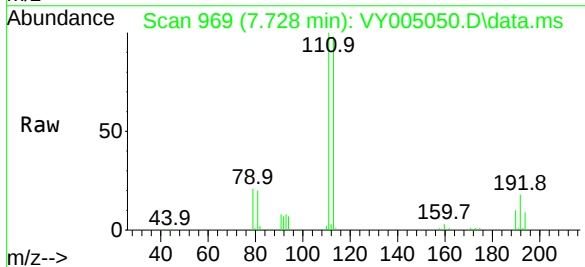
Instrument :
MSVOA_Y
ClientSampleId :

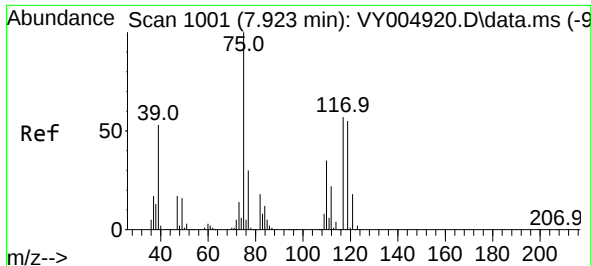
Tgt Ion:114 Resp: 310128
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.0
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 58.734 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

Tgt Ion:113 Resp: 98000
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 18.9 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.602 ug/l

RT: 7.795 min Scan# 980

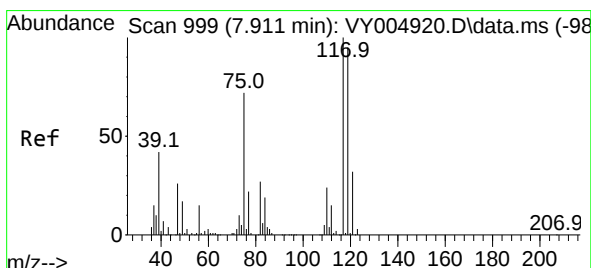
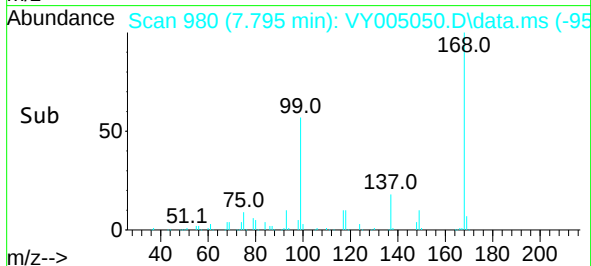
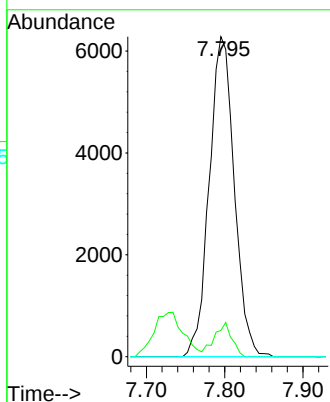
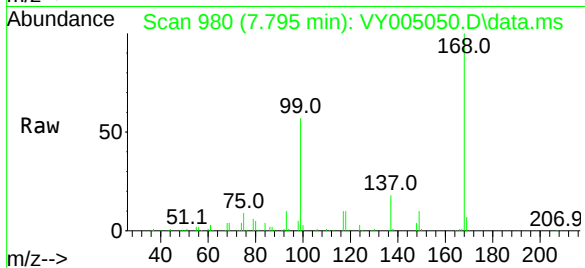
Delta R.T. -0.128 min

Lab File: VY005050.D

Acq: 09 Jun 2021 16:41

Tgt Ion:	75	Resp:	13967
Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.5	52.5#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.432 ug/l

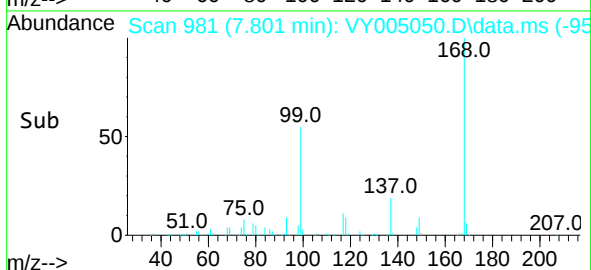
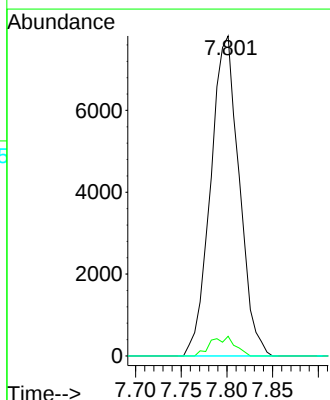
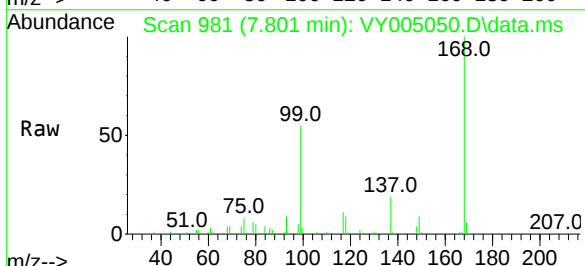
RT: 7.801 min Scan# 981

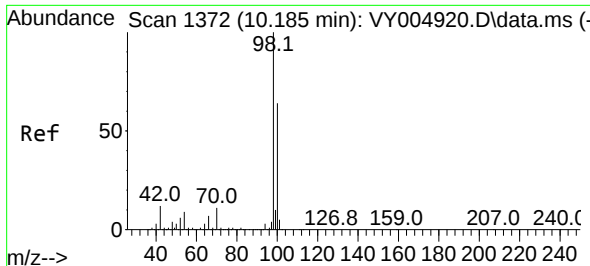
Delta R.T. -0.110 min

Lab File: VY005050.D

Acq: 09 Jun 2021 16:41

Tgt Ion:	117	Resp:	16991
Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.1	114.1#
121	0.0	25.5	38.3#

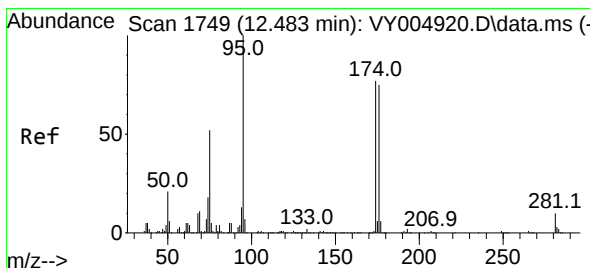
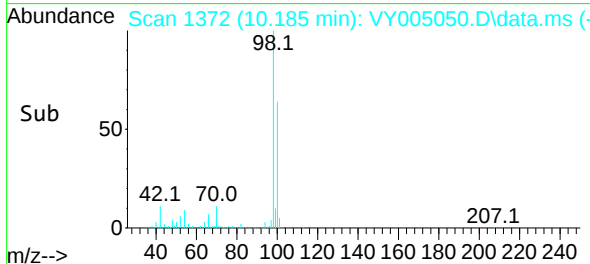
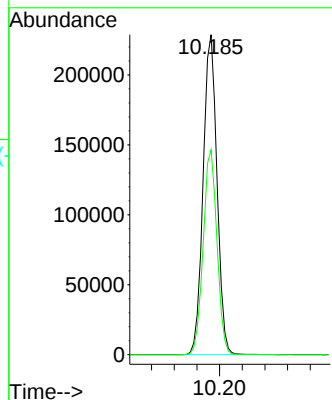
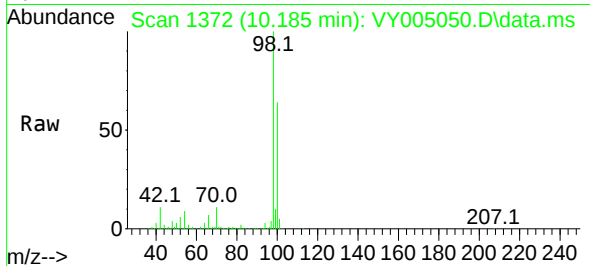




#50
Toluene-d8
Concen: 55.957 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

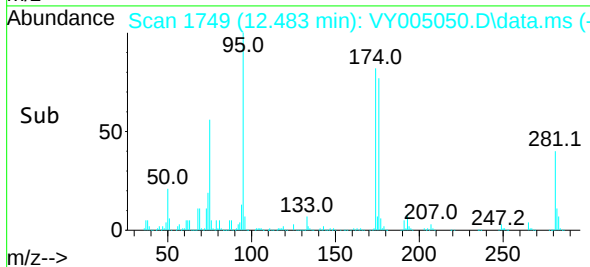
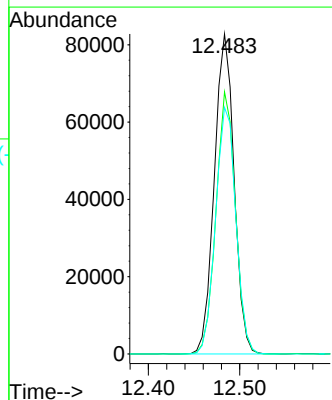
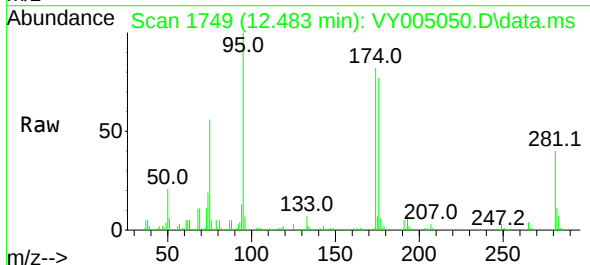
Instrument :
MSVOA_Y
ClientSampleId :

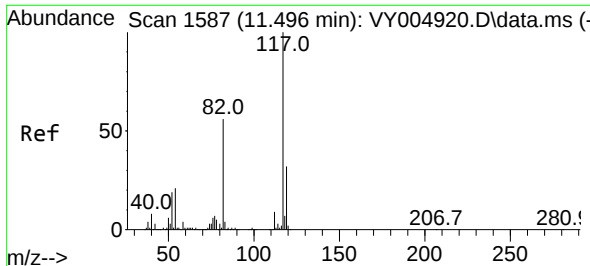
Tgt Ion: 98 Resp: 387764
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.240 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

Tgt Ion: 95 Resp: 124498
Ion Ratio Lower Upper
95 100
174 80.5 0.0 160.8
176 79.1 0.0 155.6

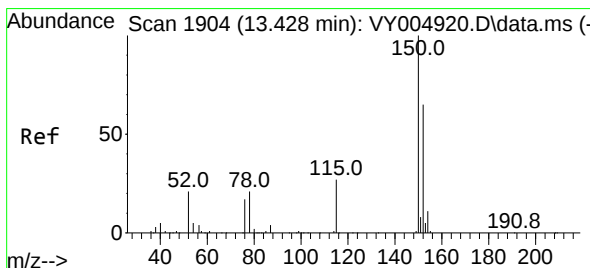
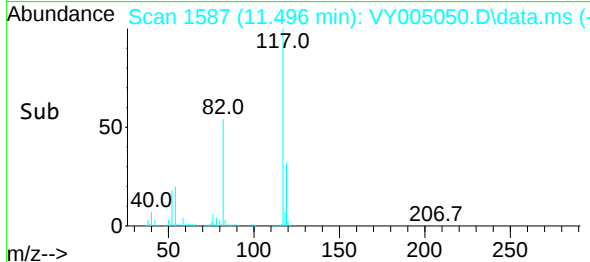
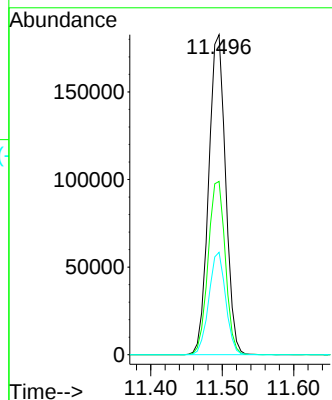
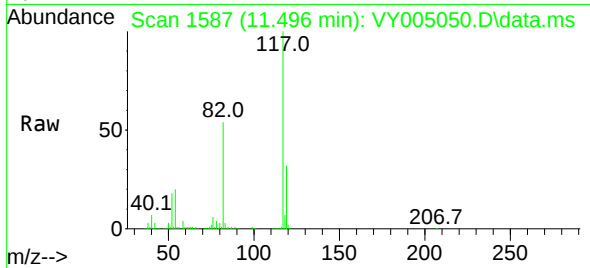




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

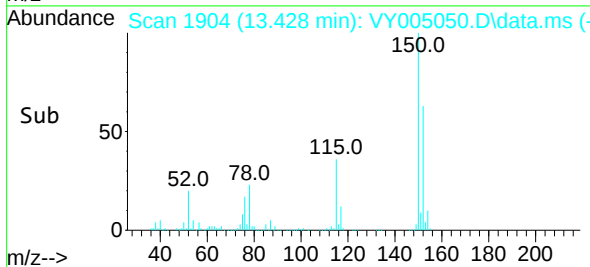
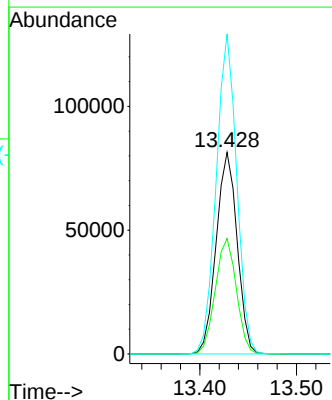
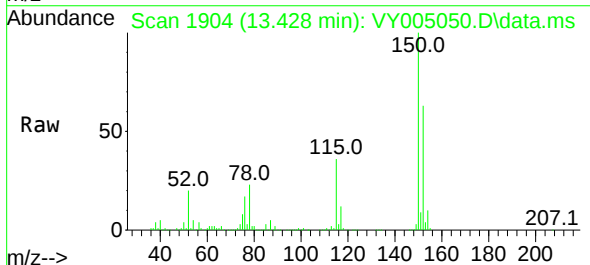
Instrument :
MSVOA_Y
ClientSampleId :

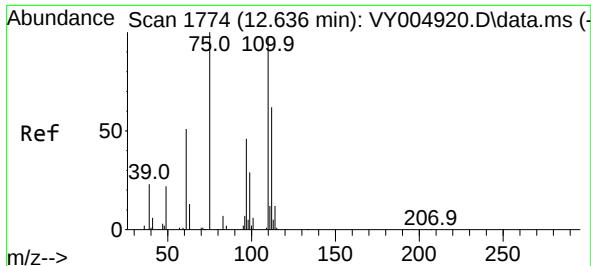
Tgt Ion:117 Resp: 299716
Ion Ratio Lower Upper
117 100
82 54.2 44.8 67.2
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

Tgt Ion:152 Resp: 122555
Ion Ratio Lower Upper
152 100
115 57.8 29.9 89.7
150 155.2 0.0 347.8

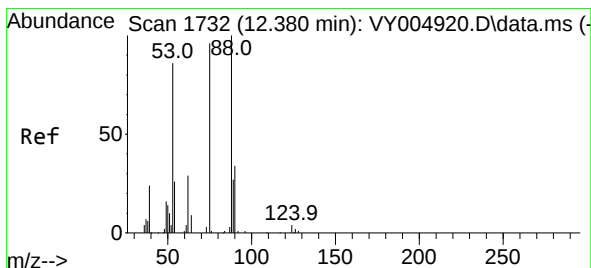
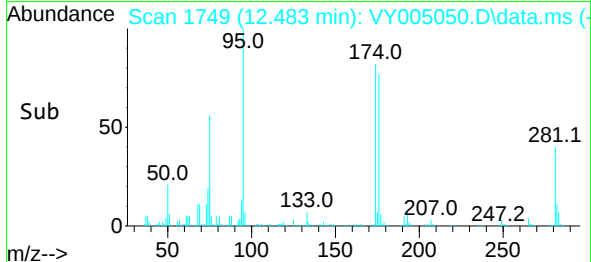
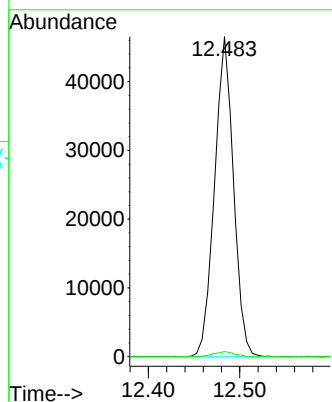
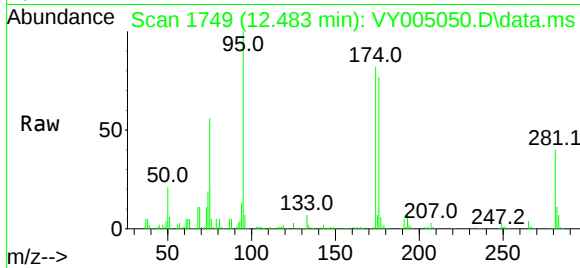




#76
1,2,3-Trichloropropane
Concen: 49.889 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

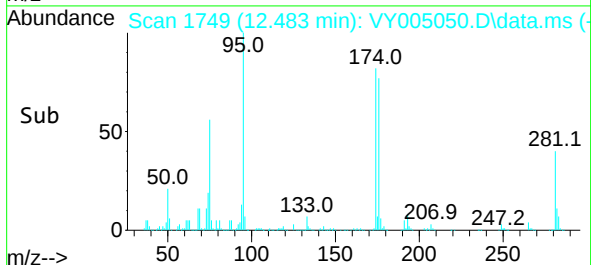
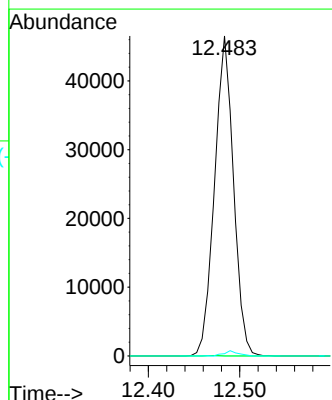
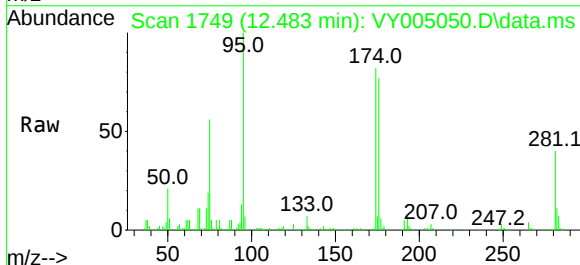
Instrument :
MSVOA_Y
ClientSampleId :

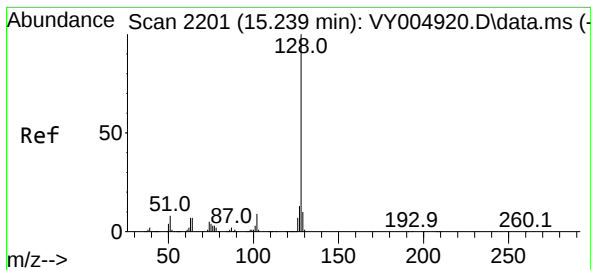
Tgt Ion: 75 Resp: 67023
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.685 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

Tgt Ion: 75 Resp: 67023
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 1.2 35.0 52.6#





#95
Naphthalene
Concen: 1.320 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005050.D
Acq: 09 Jun 2021 16:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 6342
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 10.5 8.7 13.1

