

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005215.D
 Acq On : 24 Jun 2021 16:47
 Operator : SY/MD
 Sample : M2852-04
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 25 04:36:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

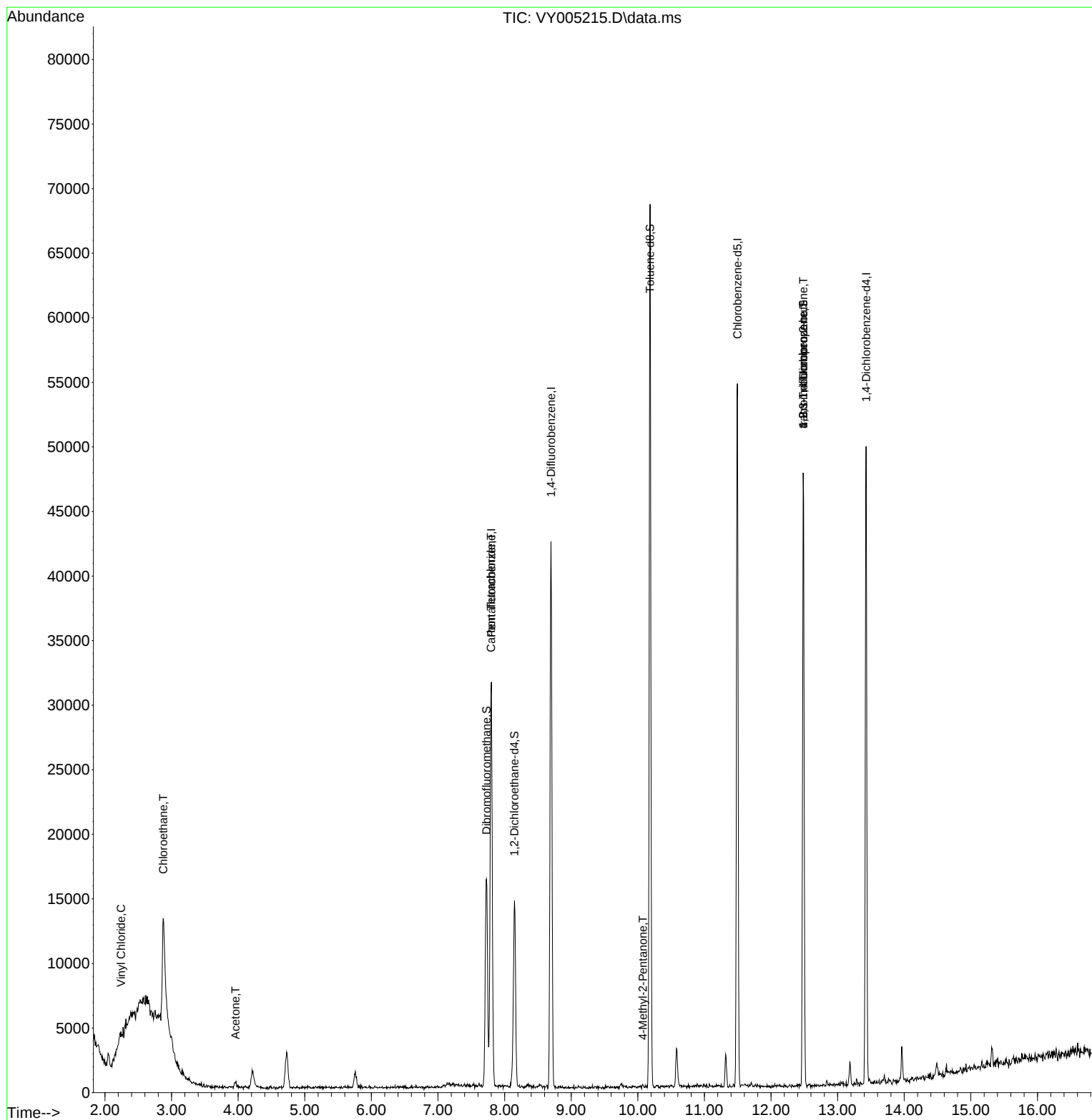
Internal Standards						
1) Pentafluorobenzene	7.801	168	27981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	38875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	33660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	11192	48.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.400%
35) Dibromofluoromethane	7.728	113	11725	51.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.185	98	46547	50.768	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.483	95	12303	40.269	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.540%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.241	62	1648	5.882	ug/l #	1
6) Chloroethane	2.875	64	17115	93.417	ug/l #	50
11) Tert butyl alcohol	4.960	59	70	Below Cal	#	77
16) Acetone	3.960	43	751	14.000	ug/l #	85
20) Methylene Chloride	4.729	84	2262	Below Cal		91
38) Carbon Tetrachloride	7.795	117	2279	6.360	ug/l #	12
51) 4-Methyl-2-Pentanone	10.075	43	194	1.142	ug/l #	32
76) 1,2,3-Trichloropropane	12.483	75	5956	46.867	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5956	87.444	ug/l #	17

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

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QLast Update : Wed Jun 23 07:57:52 2021
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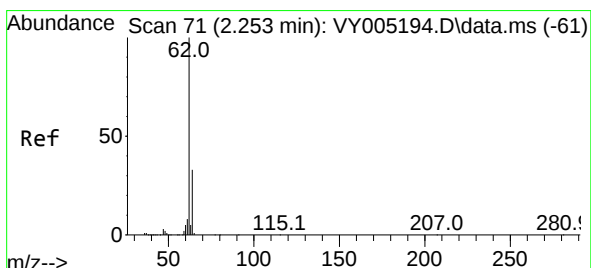
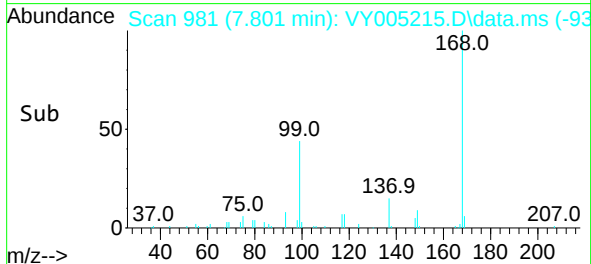
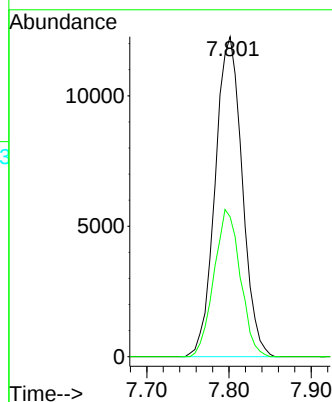
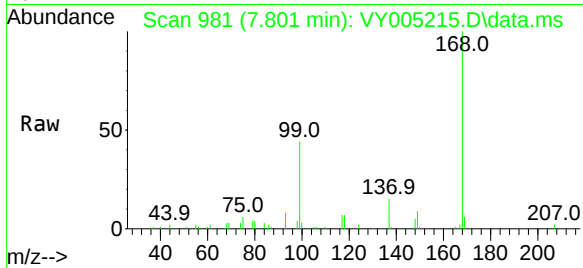




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

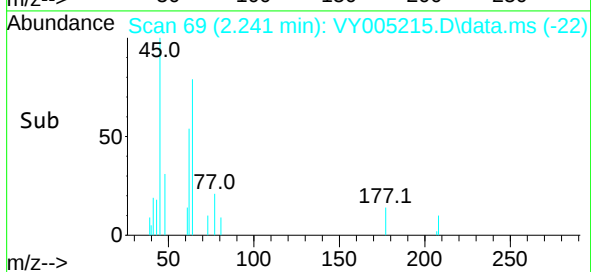
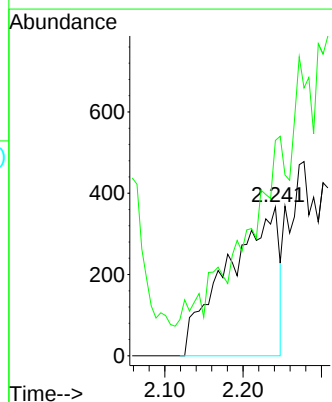
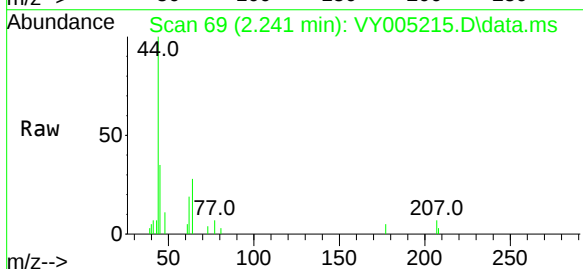
Instrument :
MSVOA_Y
ClientSampleId :

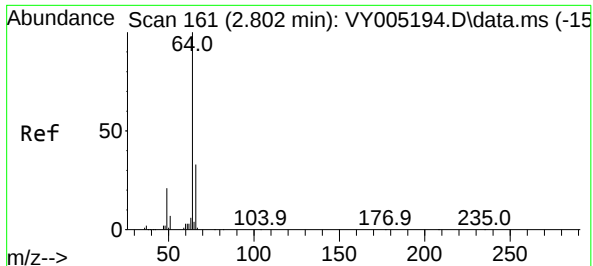
Tgt Ion:168 Resp: 27981
Ion Ratio Lower Upper
168 100
99 43.7 36.2 54.4



#4
Vinyl Chloride
Concen: 5.882 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.012 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

Tgt Ion: 62 Resp: 1648
Ion Ratio Lower Upper
62 100
64 120.5 26.1 39.1#

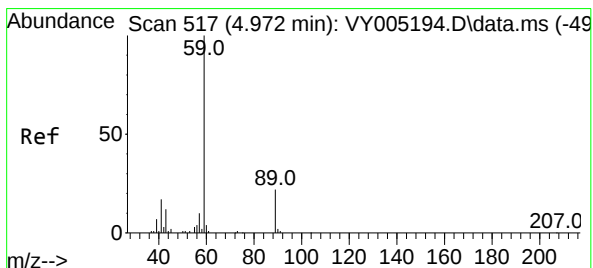
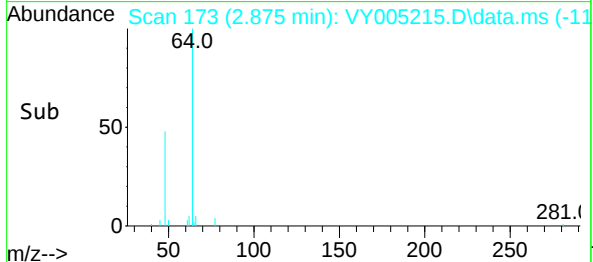
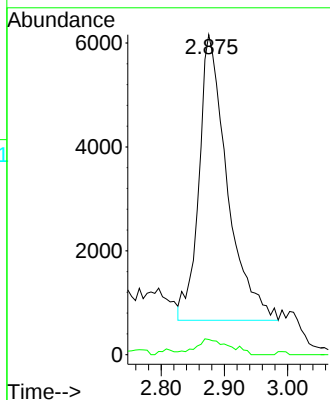
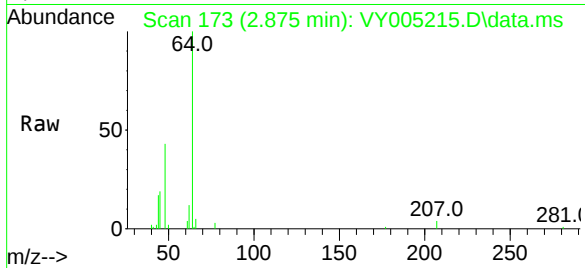




#6
Chloroethane
Concen: 93.417 ug/l
RT: 2.875 min Scan# 173
Delta R.T. 0.073 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

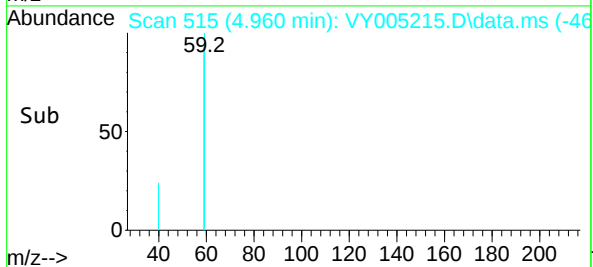
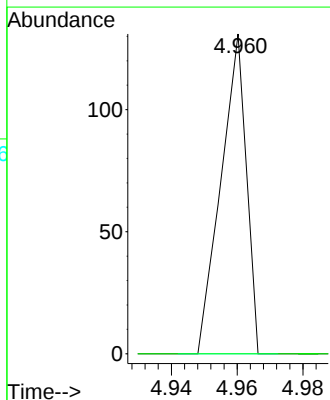
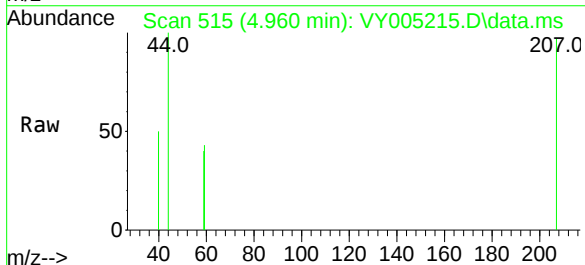
Instrument :
MSVOA_Y
ClientSampleId :

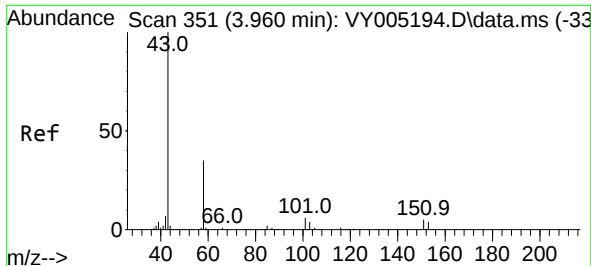
Tgt Ion: 64 Resp: 17115
Ion Ratio Lower Upper
64 100
66 4.4 25.9 38.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

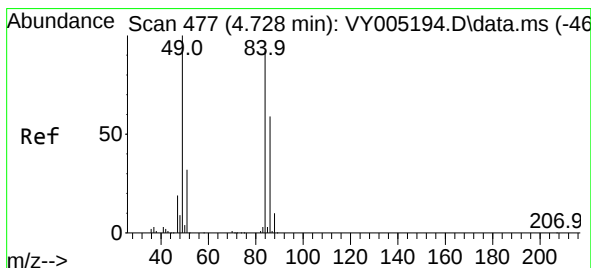
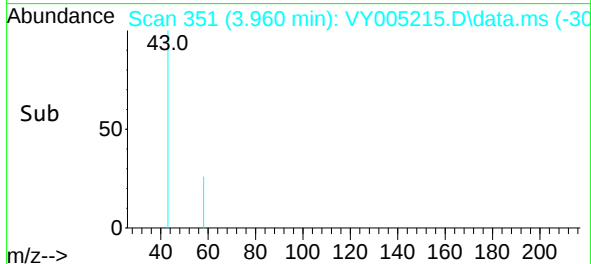
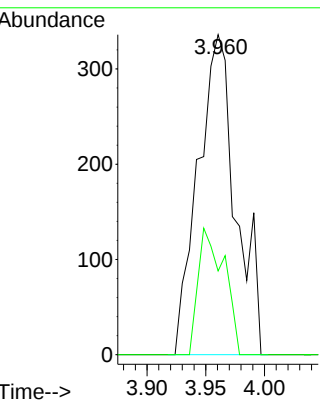
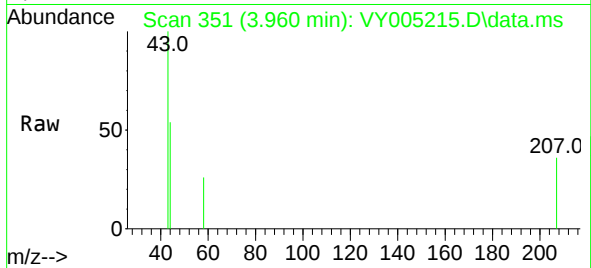




#16
Acetone
Concen: 14.000 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

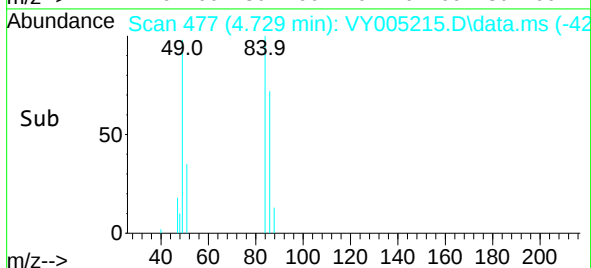
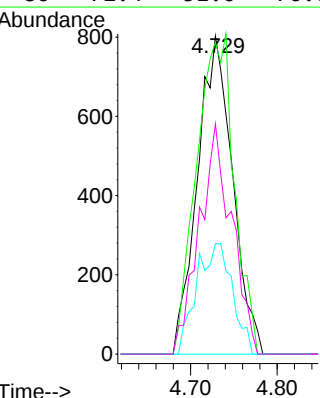
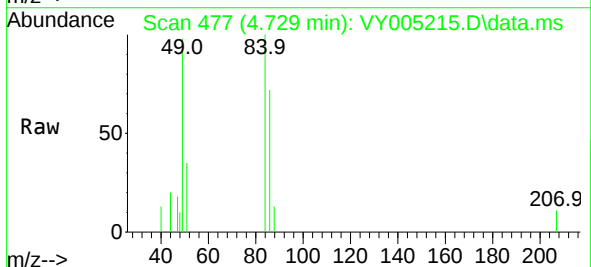
Instrument :
MSVOA_Y
ClientSampleId :

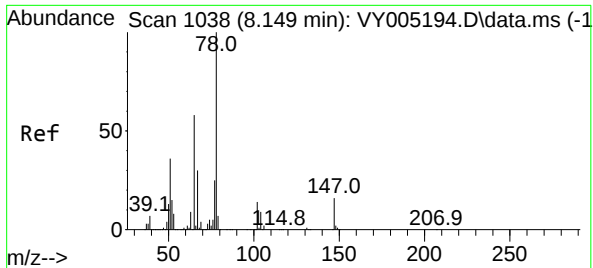
Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 26.2 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

Tgt Ion: 84 Resp: 2262
Ion Ratio Lower Upper
84 100
49 98.0 86.9 130.3
51 34.6 27.4 41.2
86 72.4 51.0 76.6

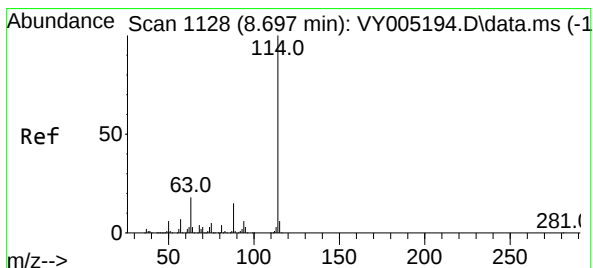
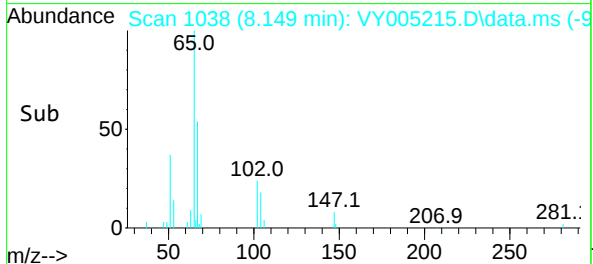
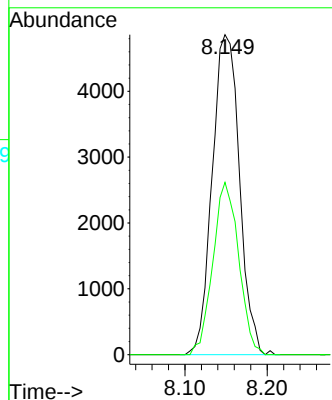
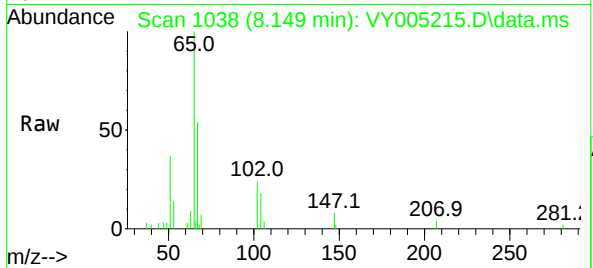




#33
1,2-Dichloroethane-d4
Concen: 48.199 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

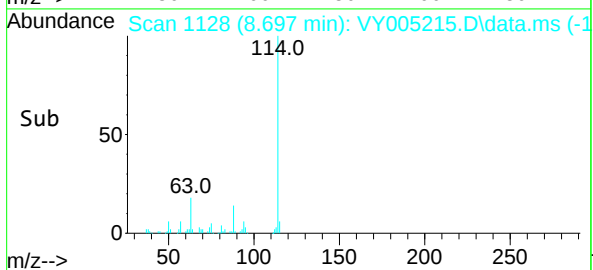
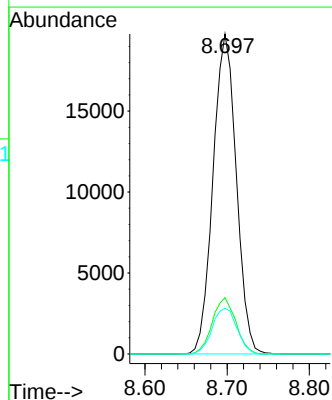
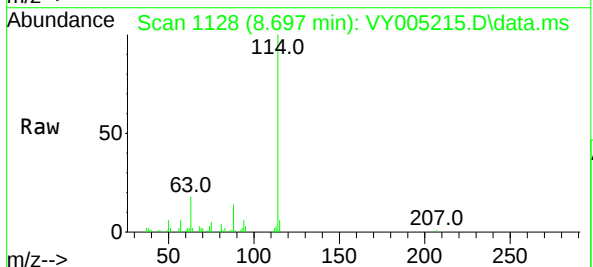
Instrument :
MSVOA_Y
ClientSampleId :

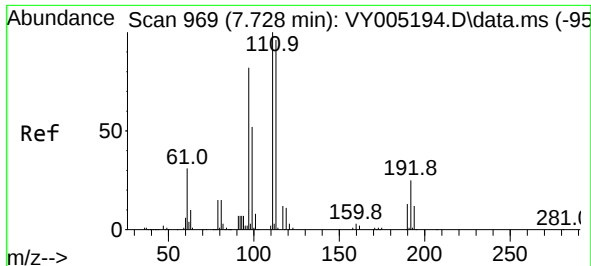
Tgt Ion: 65 Resp: 11192
Ion Ratio Lower Upper
65 100
67 51.1 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

Tgt Ion: 114 Resp: 38875
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.2
88 14.2 0.0 29.4

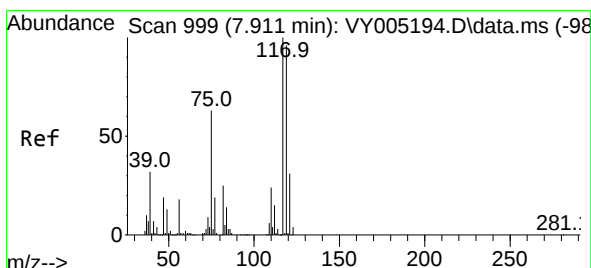
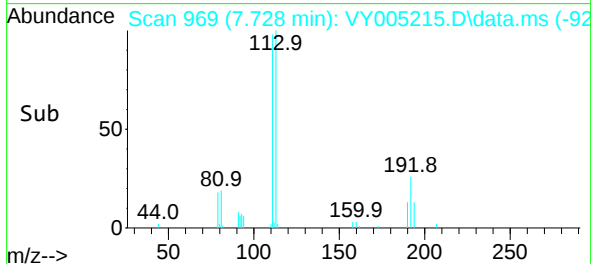
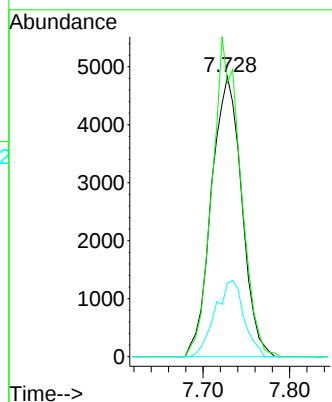
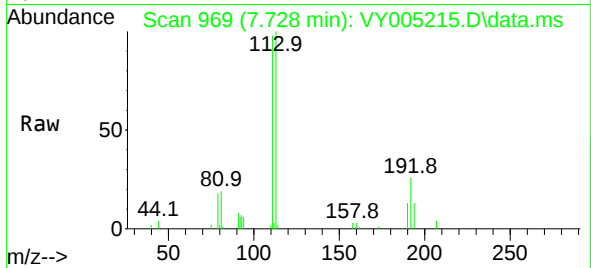




#35
Dibromofluoromethane
Concen: 51.141 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

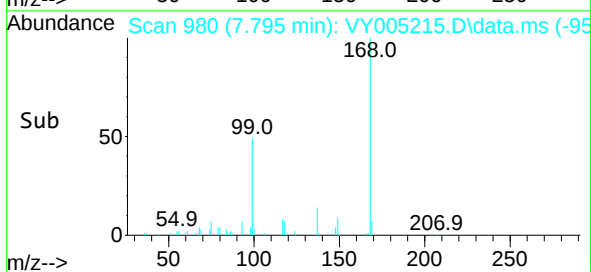
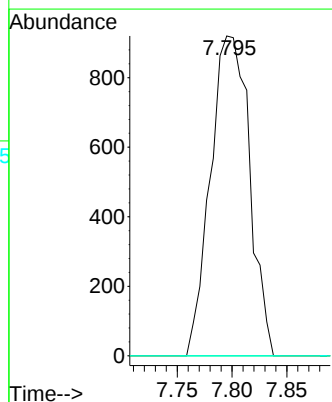
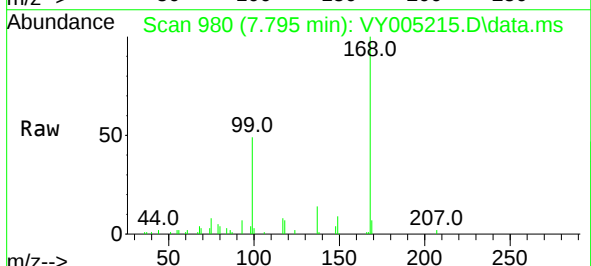
Instrument :
MSVOA_Y
ClientSampleId :

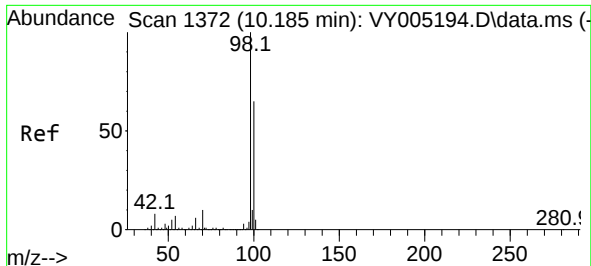
Tgt Ion:113 Resp: 11725
Ion Ratio Lower Upper
113 100
111 106.5 82.6 124.0
192 25.9 20.2 30.2



#38
Carbon Tetrachloride
Concen: 6.360 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

Tgt Ion:117 Resp: 2279
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.4#
121 0.0 24.7 37.1#

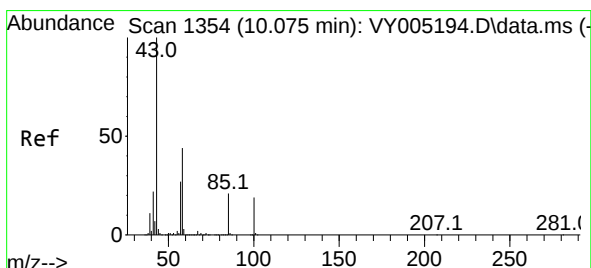
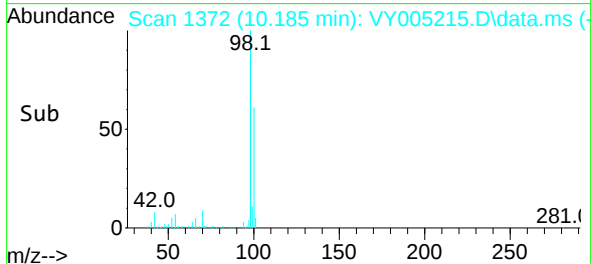
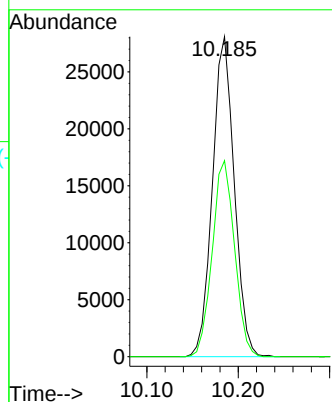
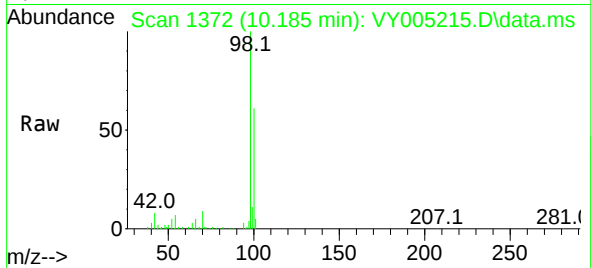




#50
Toluene-d8
Concen: 50.768 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

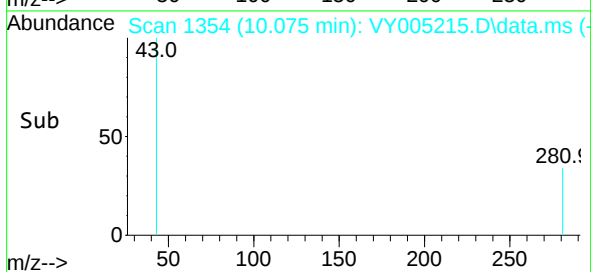
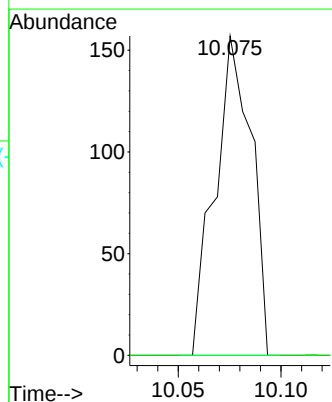
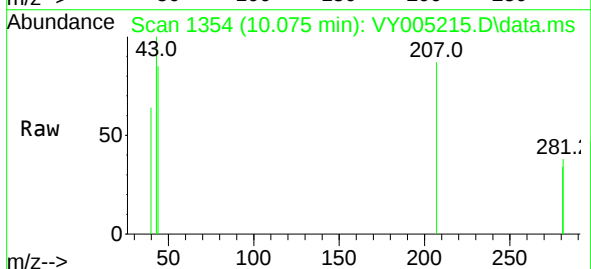
Instrument :
MSVOA_Y
ClientSampled :

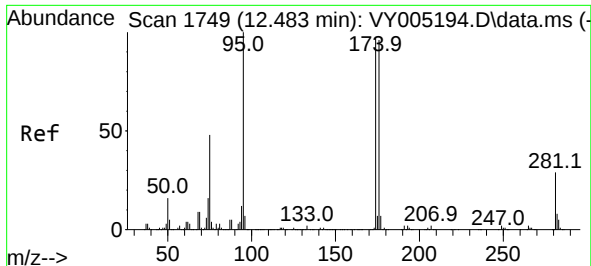
Tgt Ion: 98 Resp: 46547
Ion Ratio Lower Upper
98 100
100 62.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.142 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

Tgt Ion: 43 Resp: 194
Ion Ratio Lower Upper
43 100
58 0.0 35.3 52.9#

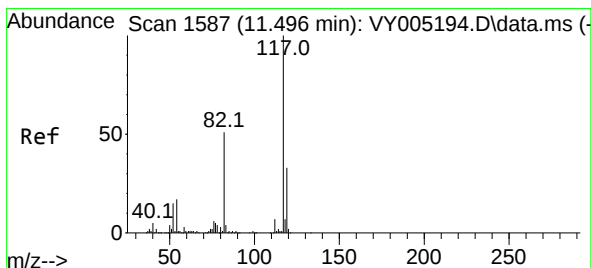
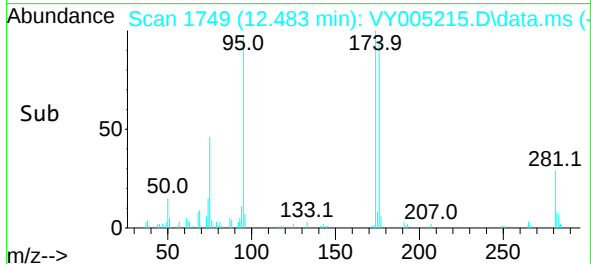
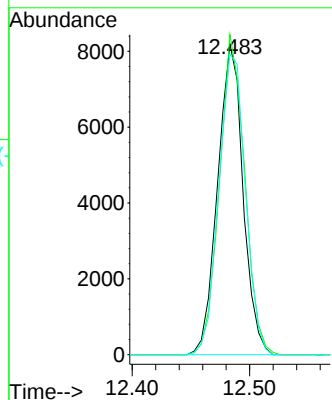
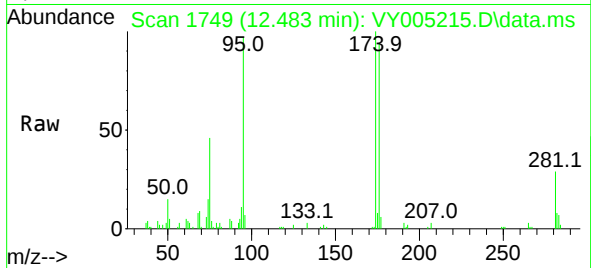




#62
4-Bromofluorobenzene
Concen: 40.269 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

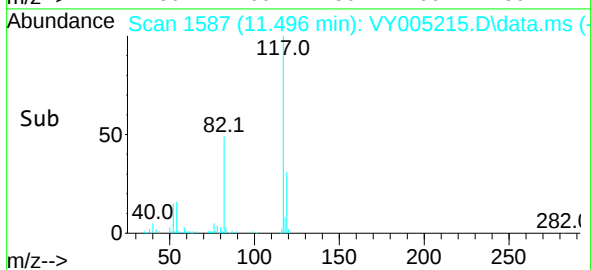
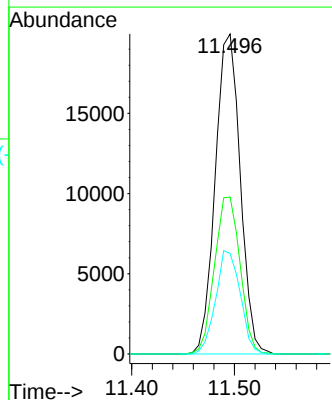
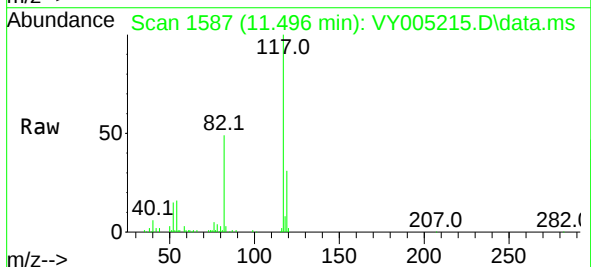
Instrument :
MSVOA_Y
ClientSampleId :

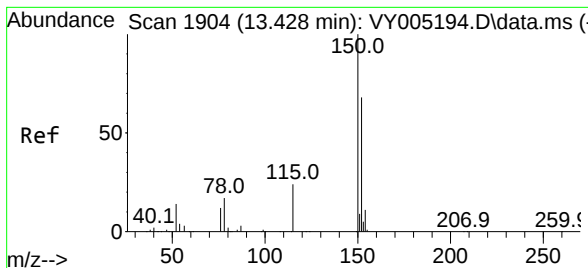
Tgt Ion: 95 Resp: 12303
Ion Ratio Lower Upper
95 100
174 102.3 0.0 201.6
176 101.1 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005215.D
Acq: 24 Jun 2021 16:47

Tgt Ion: 117 Resp: 33660
Ion Ratio Lower Upper
117 100
82 49.0 40.6 60.8
119 31.4 26.1 39.1

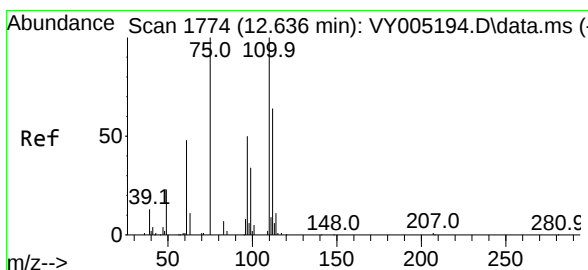
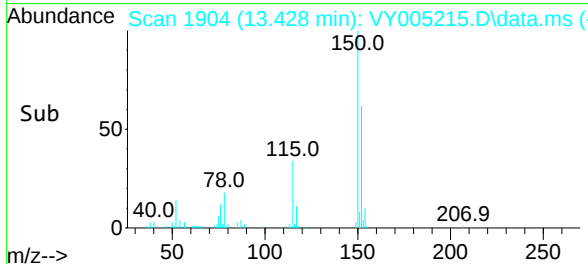
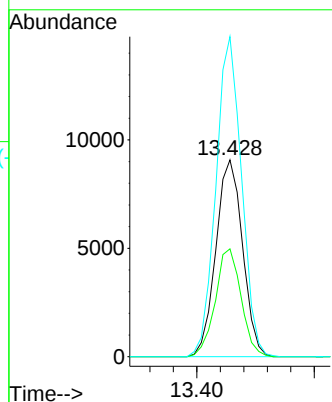
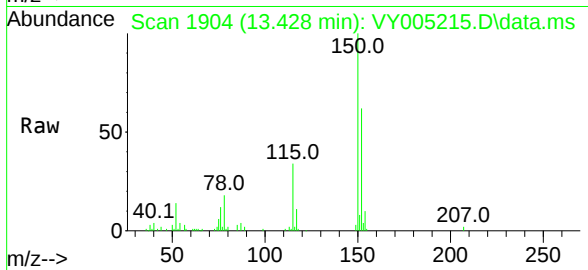




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005215.D
 Acq: 24 Jun 2021 16:47

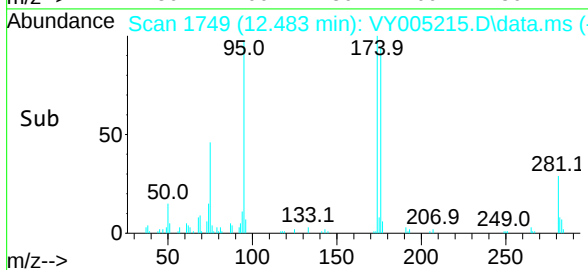
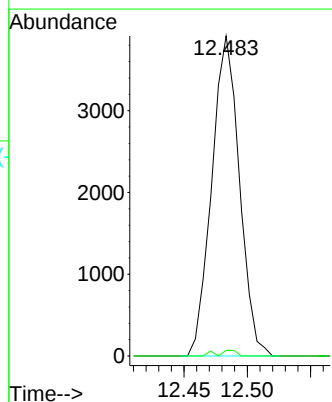
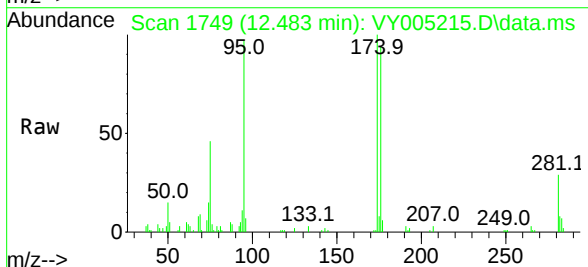
Instrument :
 MSVOA_Y
 ClientSampleId :

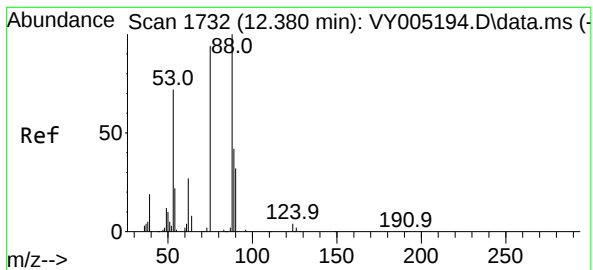
Tgt Ion:152 Resp: 14329
 Ion Ratio Lower Upper
 152 100
 115 52.9 26.3 78.8
 150 156.1 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 46.867 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005215.D
 Acq: 24 Jun 2021 16:47

Tgt Ion: 75 Resp: 5956
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.444 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005215.D
 Acq: 24 Jun 2021 16:47

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:	75	Resp:	5956
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	38.0	57.0#

