

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020269.D
 Acq On : 12 Nov 2024 15:48
 Operator : SY/MD
 Sample : P4807-07
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 13 00:36:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

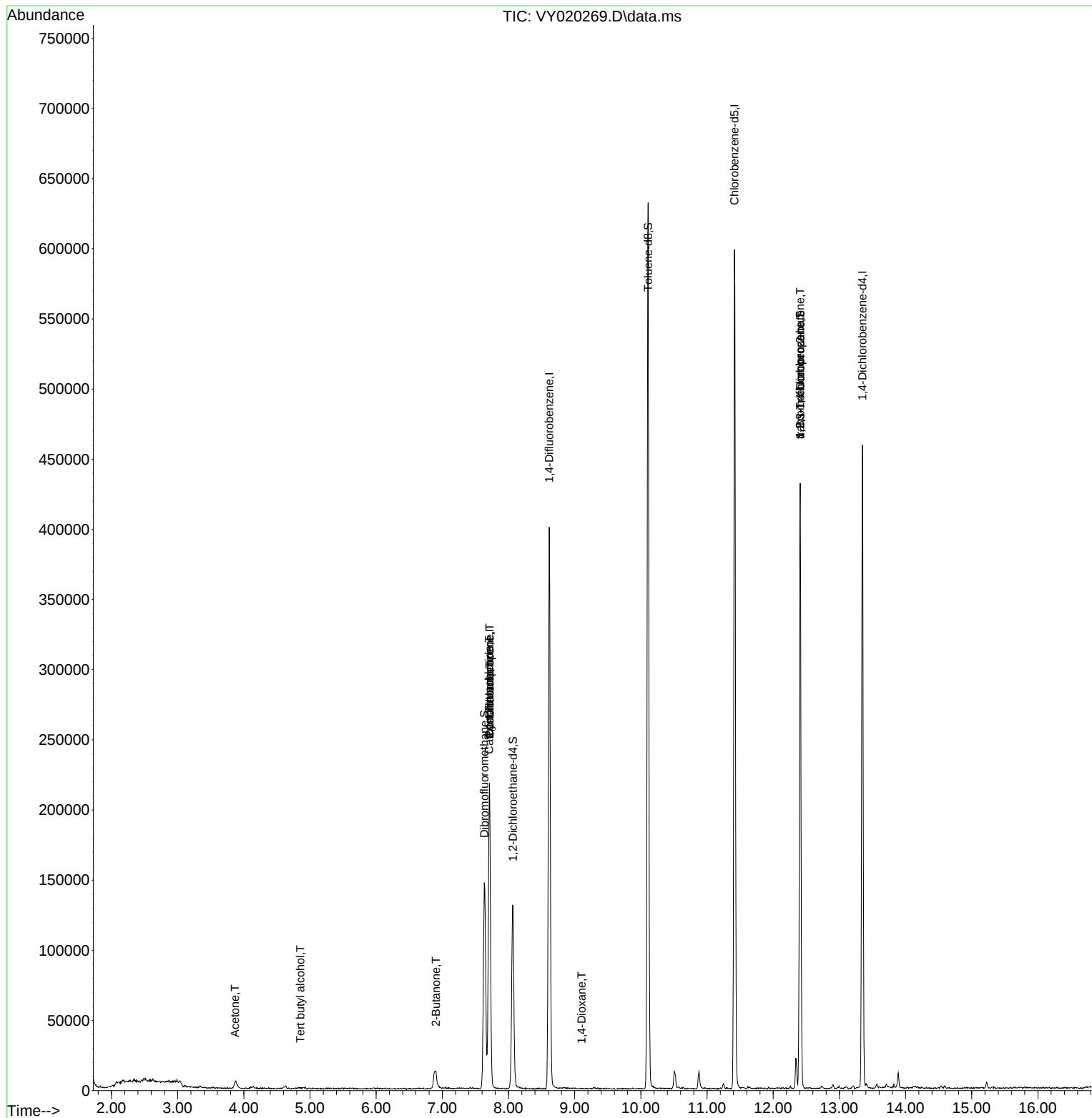
Internal Standards						
1) Pentafluorobenzene	7.713	168	147318	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	314216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	288952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	101502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	103192	56.125	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 112.240%		
35) Dibromofluoromethane	7.634	113	104363	52.240	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.480%		
50) Toluene-d8	10.109	98	394150	49.566	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 99.140%		
62) 4-Bromofluorobenzene	12.408	95	124337	48.138	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 96.280%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	411	3.108	ug/l	# 88
16) Acetone	3.866	43	10329	24.157	ug/l	94
25) 2-Butanone	6.902	43	819	1.413	ug/l	# 70
31) Cyclohexane	7.713	56	4569	1.369	ug/l	# 64
36) 1,1-Dichloropropene	7.713	75	15550	5.039	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	16786	5.409	ug/l	# 15
49) 1,4-Dioxane	9.103	88	42	3.493	ug/l	# 20
76) 1,2,3-Trichloropropane	12.408	75	74811	78.626	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	74811	169.123	ug/l	# 16

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

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Quant Time: Nov 13 00:36:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

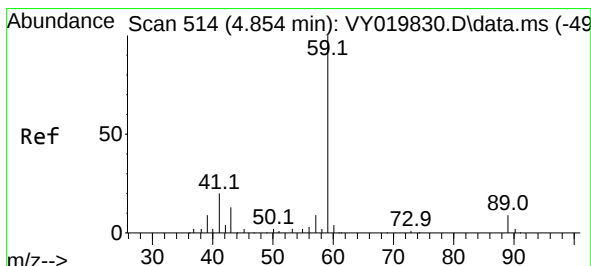
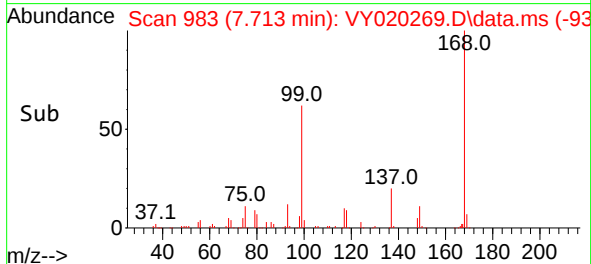
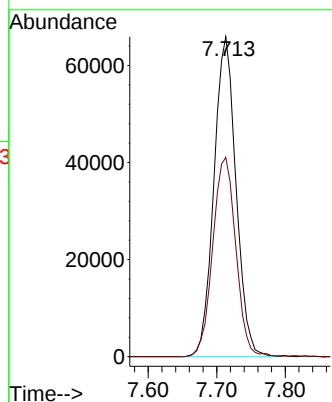
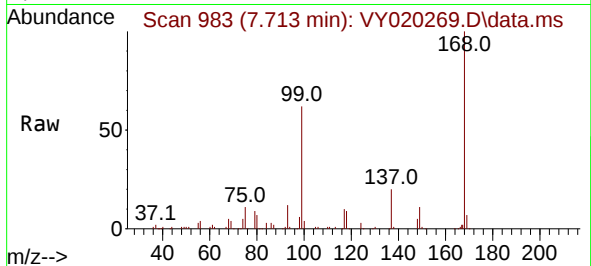




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

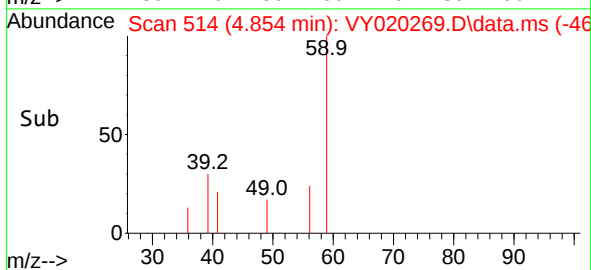
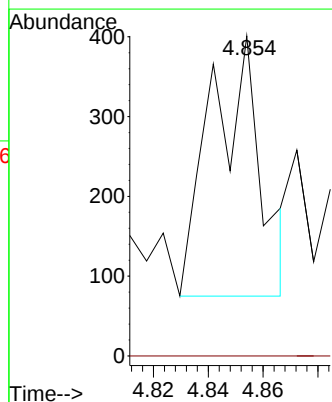
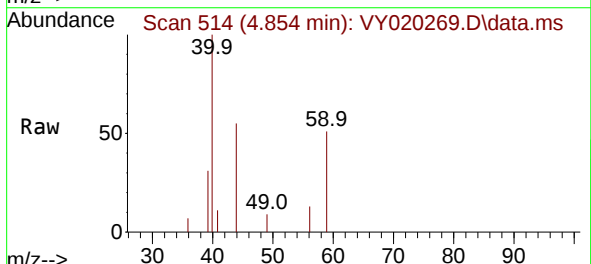
Instrument :
MSVOA_Y
ClientSampleId :

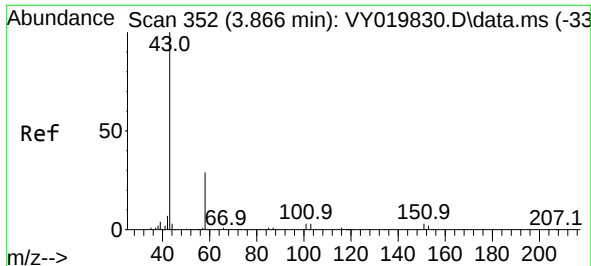
Tgt Ion:168 Resp: 147318
Ion Ratio Lower Upper
168 100
99 62.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.108 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

Tgt Ion: 59 Resp: 411
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

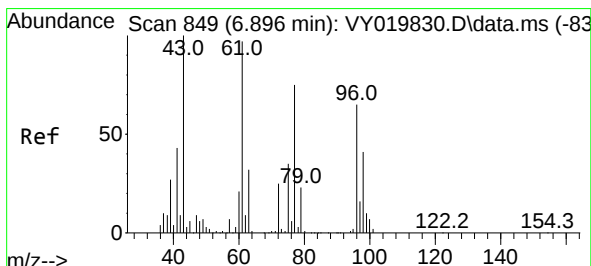
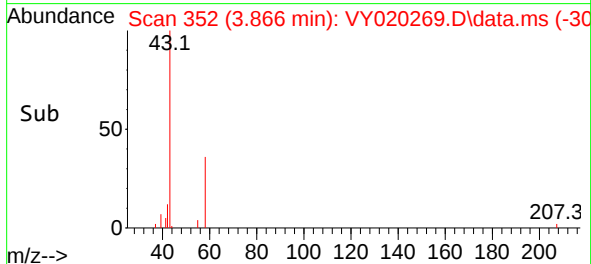
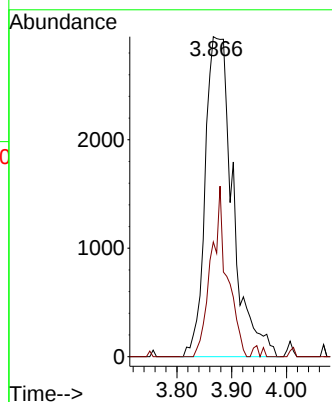
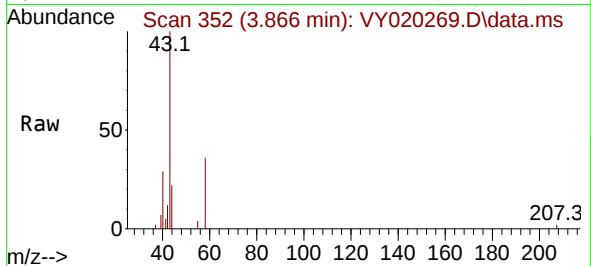




#16
Acetone
Concen: 24.157 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

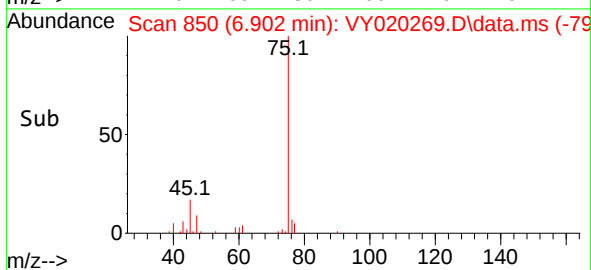
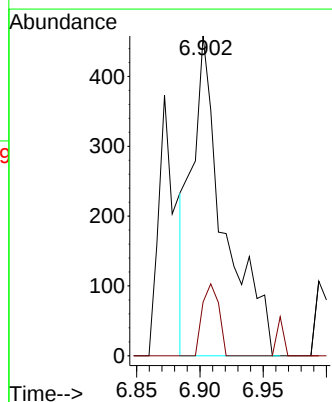
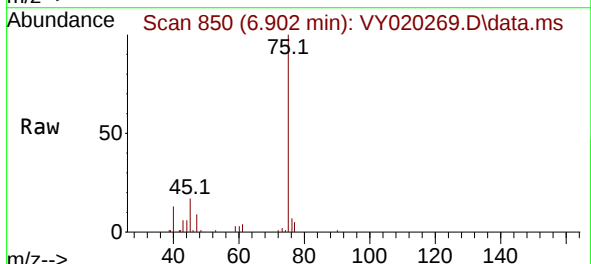
Instrument :
MSVOA_Y
ClientSampleId :

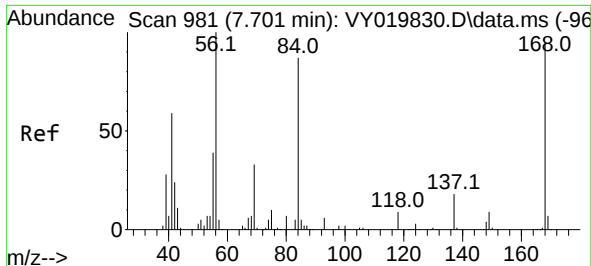
Tgt Ion: 43 Resp: 10329
Ion Ratio Lower Upper
43 100
58 35.8 31.7 47.5



#25
2-Butanone
Concen: 1.413 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
72 16.8 27.3 40.9#

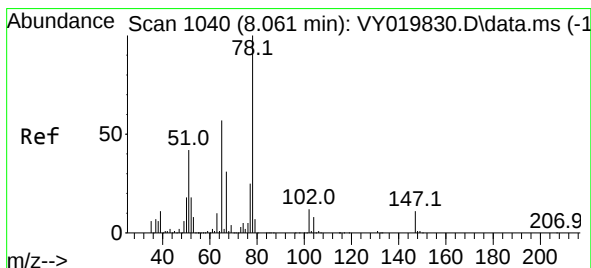
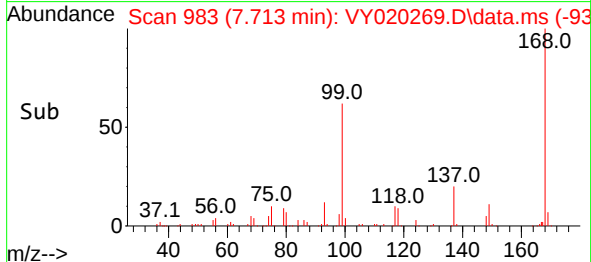
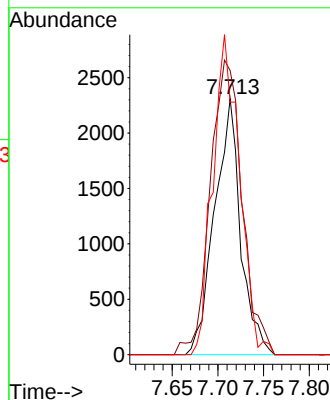
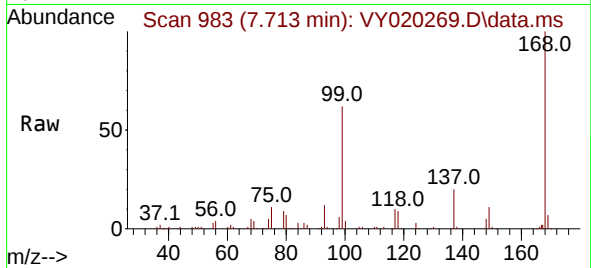




#31
Cyclohexane
Concen: 1.369 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

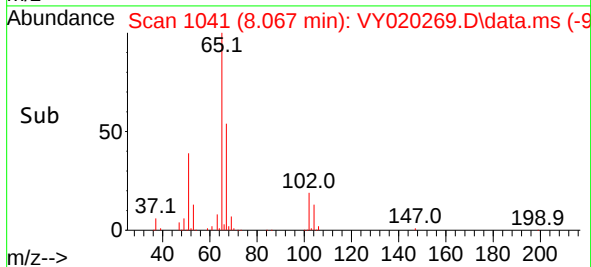
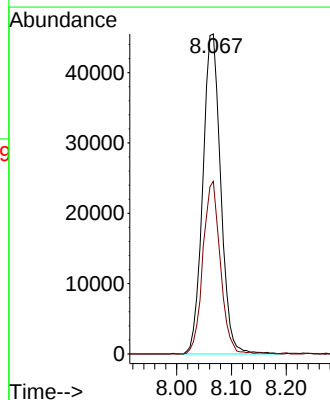
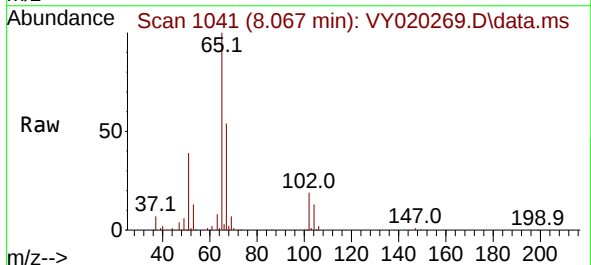
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 4569
Ion Ratio Lower Upper
56 100
69 111.0 28.7 43.1#
84 98.6 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 56.125 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

Tgt Ion: 65 Resp: 103192
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

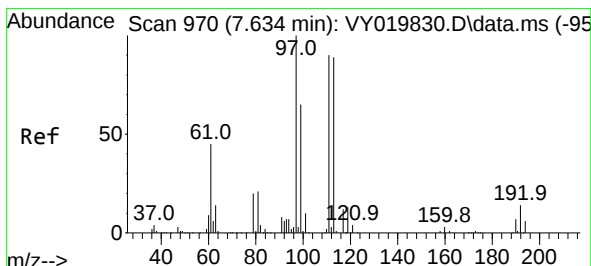
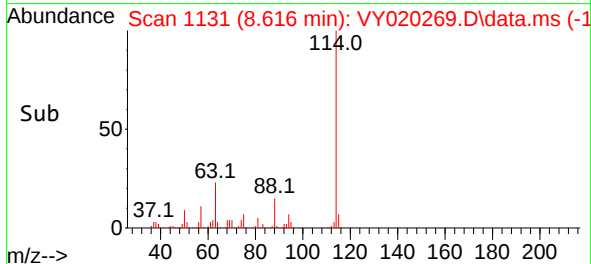
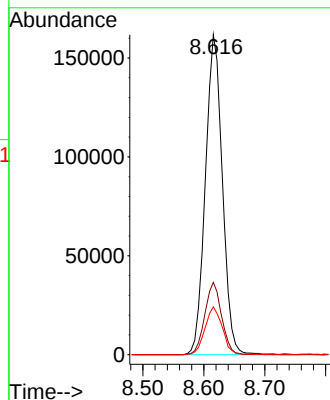
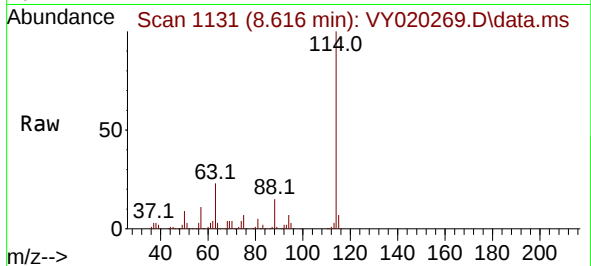




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

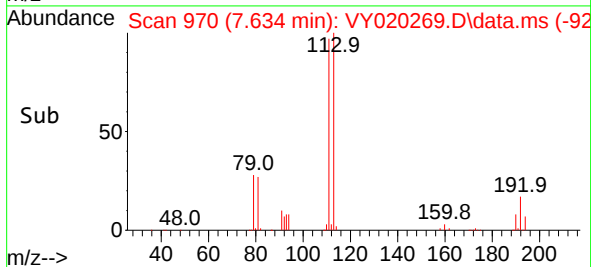
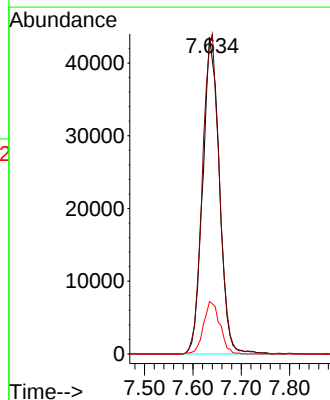
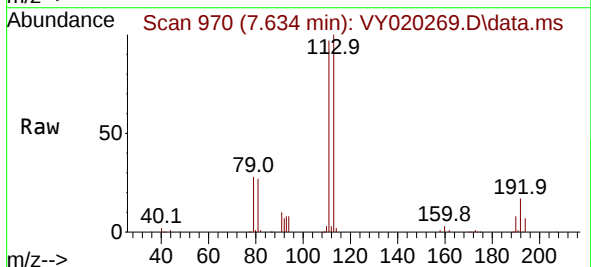
Instrument :
MSVOA_Y
ClientSampleId :

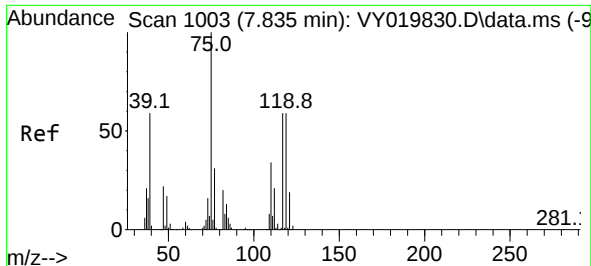
Tgt Ion:114 Resp: 314216
Ion Ratio Lower Upper
114 100
63 22.6 0.0 35.0
88 15.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.240 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

Tgt Ion:113 Resp: 104363
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 16.3 15.9 23.9

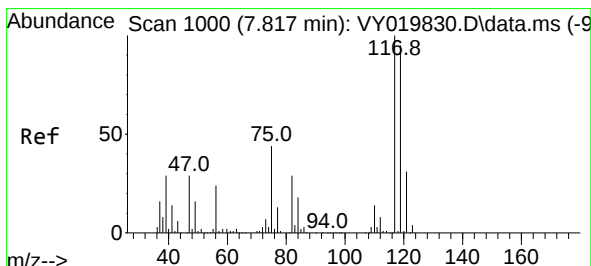
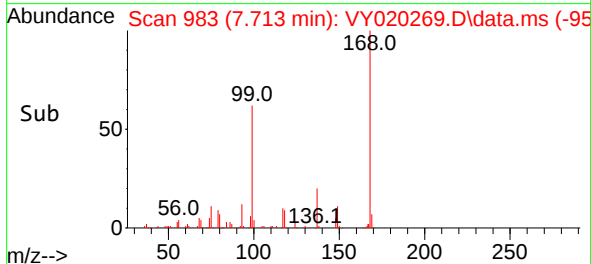
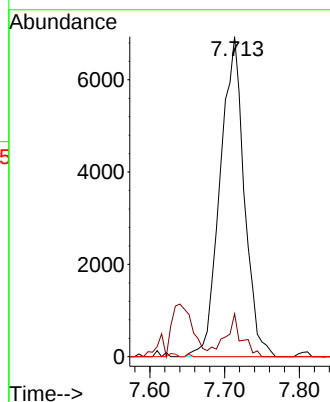
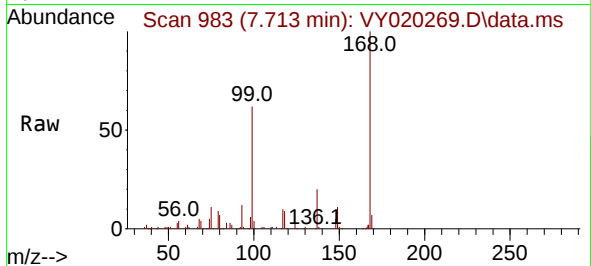




#36
1,1-Dichloropropene
Concen: 5.039 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

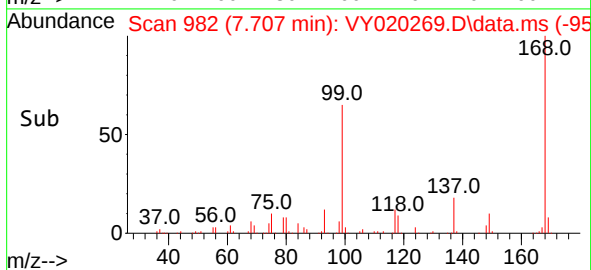
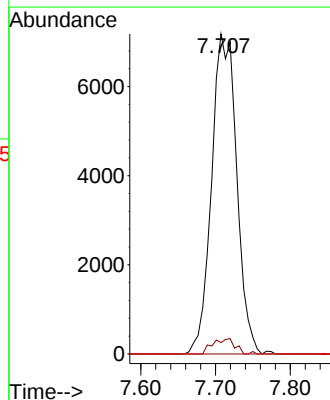
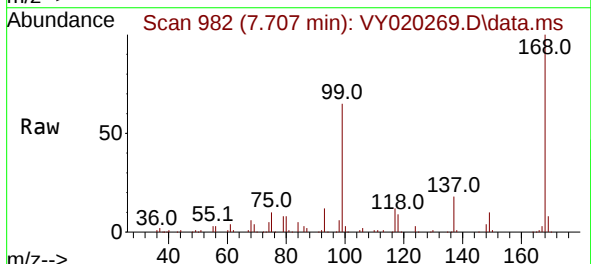
Instrument :
MSVOA_Y
ClientSampleId :

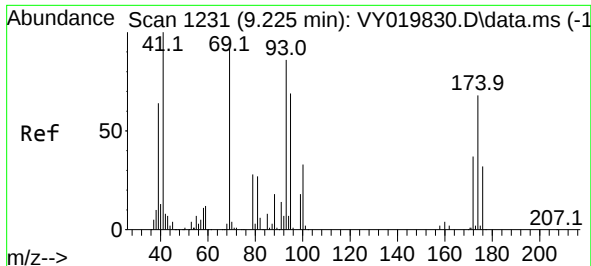
Tgt Ion: 75 Resp: 15550
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.409 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.109 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

Tgt Ion: 117 Resp: 16786
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 3.493 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.128 min

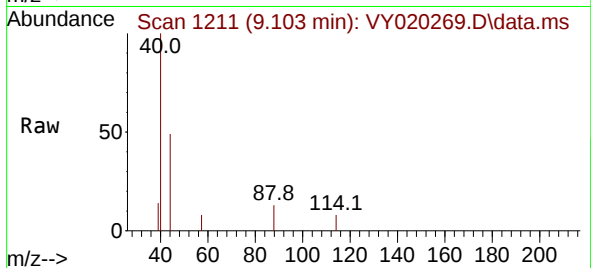
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Acq: 12 Nov 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :



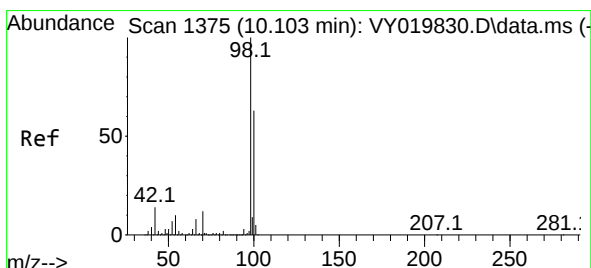
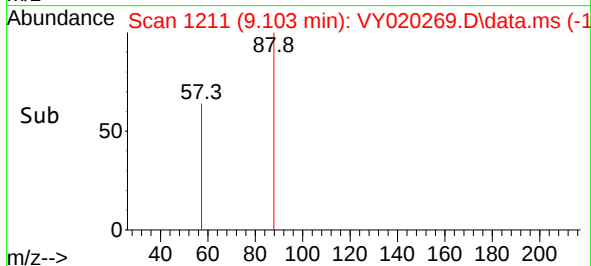
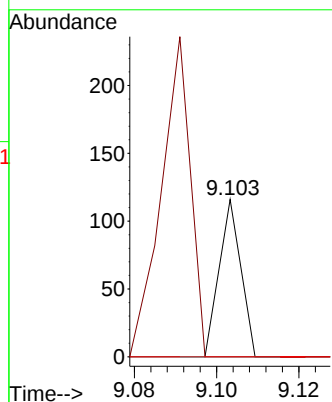
Tgt Ion: 88 Resp: 42

Ion Ratio Lower Upper

88 100

43 276.2 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 49.566 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020269.D

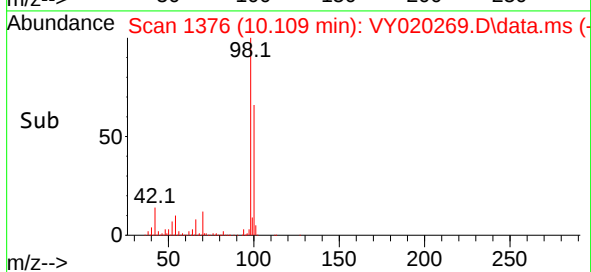
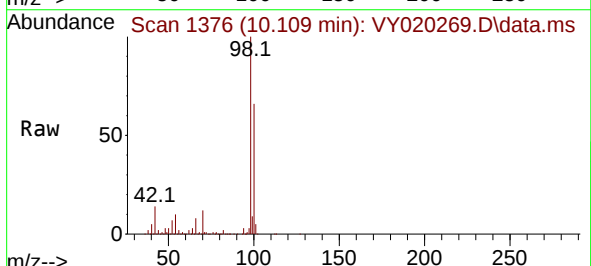
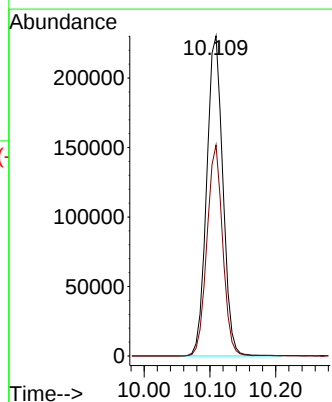
Acq: 12 Nov 2024 15:48

Tgt Ion: 98 Resp: 394150

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

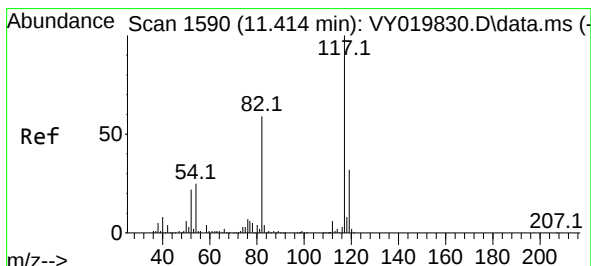
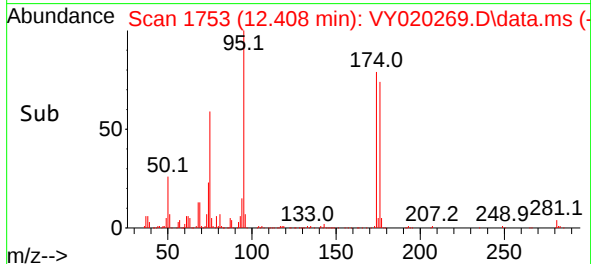
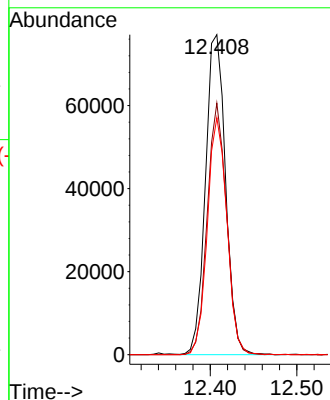
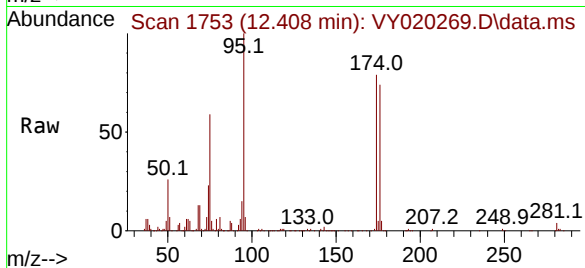




#62
4-Bromofluorobenzene
Concen: 48.138 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

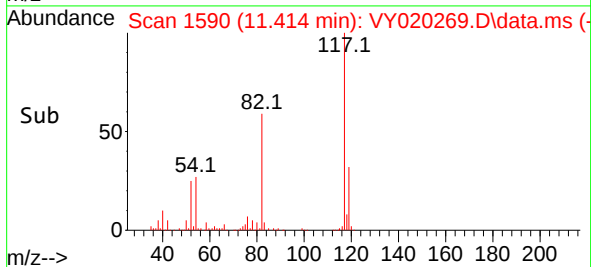
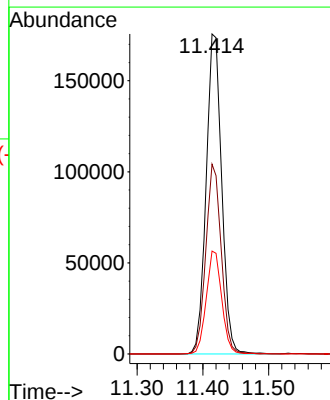
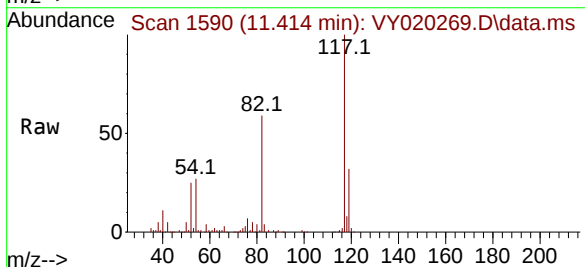
Instrument :
MSVOA_Y
ClientSampleId :

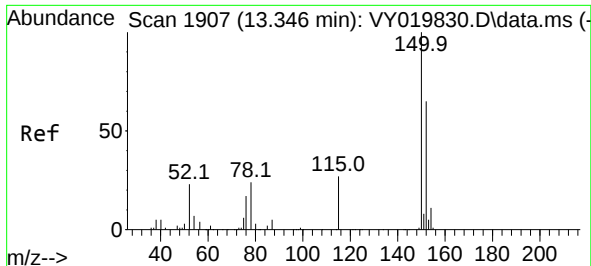
Tgt Ion: 95 Resp: 124337
Ion Ratio Lower Upper
95 100
174 75.3 0.0 175.6
176 71.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

Tgt Ion: 117 Resp: 288952
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.1 25.9 38.9

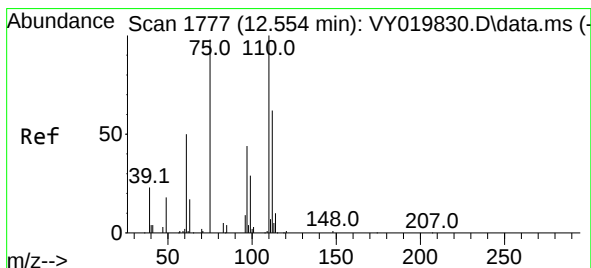
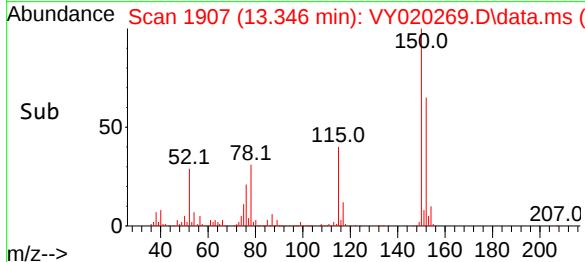
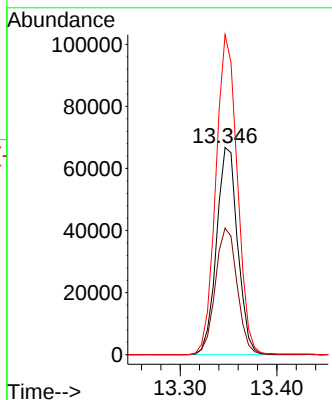
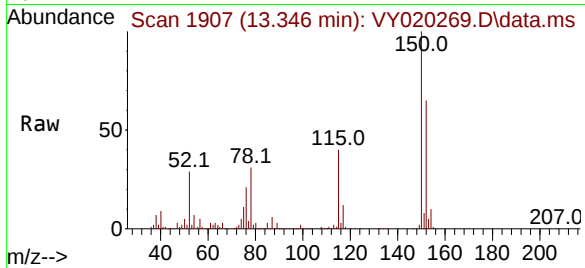




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020269.D
 Acq: 12 Nov 2024 15:48

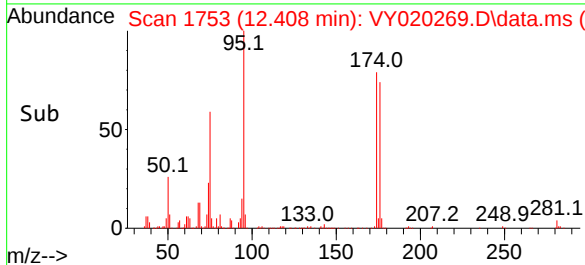
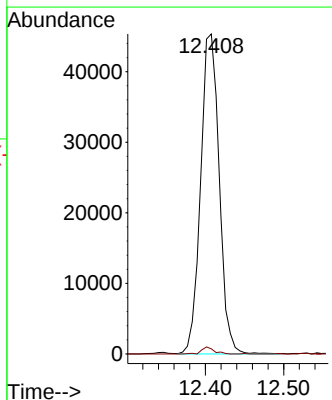
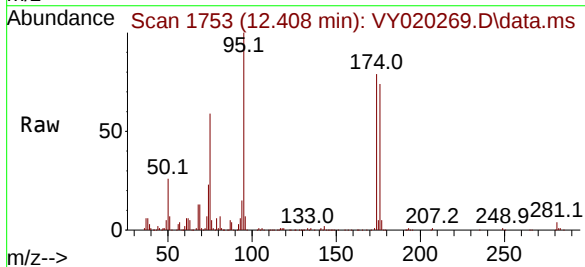
Instrument :
 MSVOA_Y
 ClientSampleId :

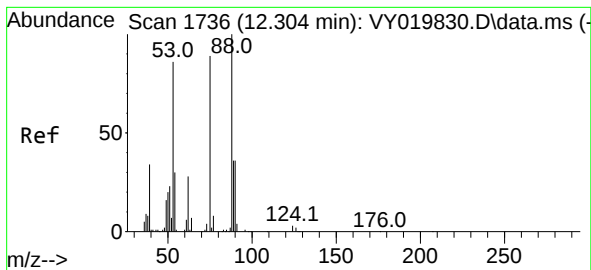
Tgt Ion:152 Resp: 101502
 Ion Ratio Lower Upper
 152 100
 115 62.9 28.2 84.7
 150 156.4 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 78.626 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY020269.D
 Acq: 12 Nov 2024 15:48

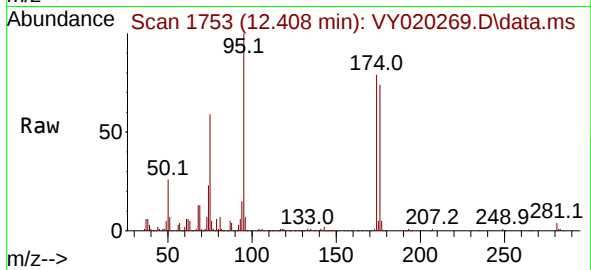
Tgt Ion: 75 Resp: 74811
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 169.123 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020269.D
Acq: 12 Nov 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

