

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020057.D
 Acq On : 29 Oct 2024 13:38
 Operator : SY/MD
 Sample : P4597-10
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:23:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

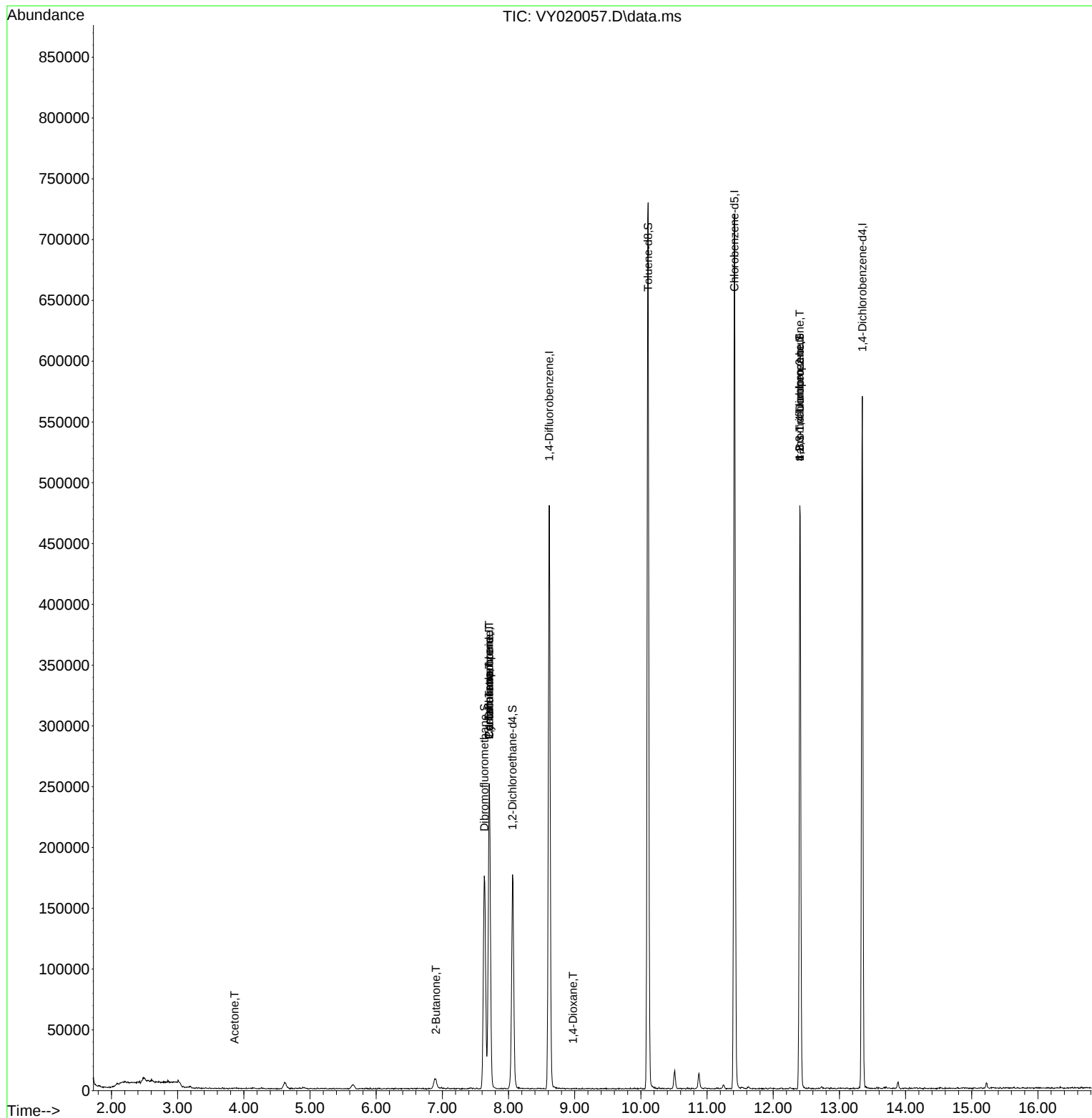
Internal Standards						
1) Pentafluorobenzene	7.707	168	172626	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	367680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	342888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	126332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	130976	61.620	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 123.240%		
35) Dibromofluoromethane	7.634	113	122494	50.486	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 100.980%		
50) Toluene-d8	10.109	98	461994	51.562	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 103.120%		
62) 4-Bromofluorobenzene	12.402	95	140582	43.423	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 86.840%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	410	Below Cal	#	88
16) Acetone	3.860	43	720	1.301	ug/l #	36
25) 2-Butanone	6.903	43	870	1.175	ug/l #	41
31) Cyclohexane	7.707	56	5817	1.638	ug/l #	60
36) 1,1-Dichloropropene	7.707	75	18521	5.299	ug/l #	46
38) Carbon Tetrachloride	7.707	117	20587	5.494	ug/l #	18
49) 1,4-Dioxane	8.975	88	22	1.359	ug/l #	32
76) 1,2,3-Trichloropropane	12.402	75	85533	34.561	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	85533	139.502	ug/l #	16

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

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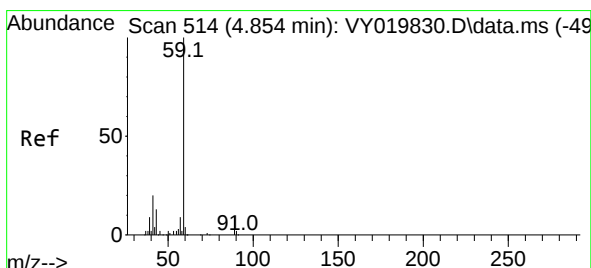
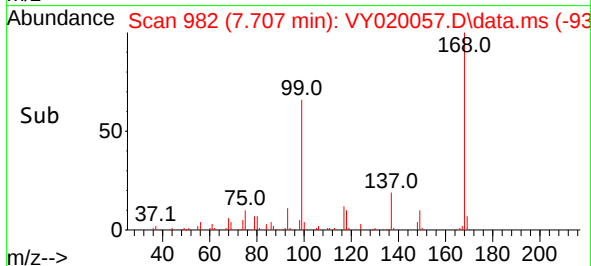
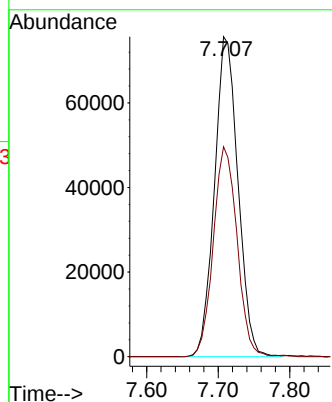
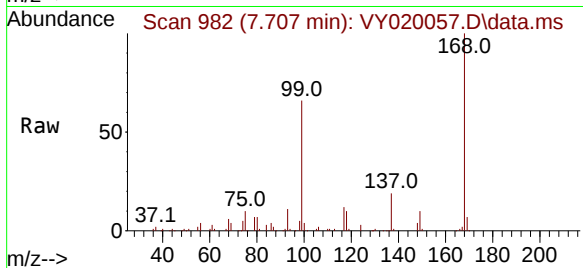




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38

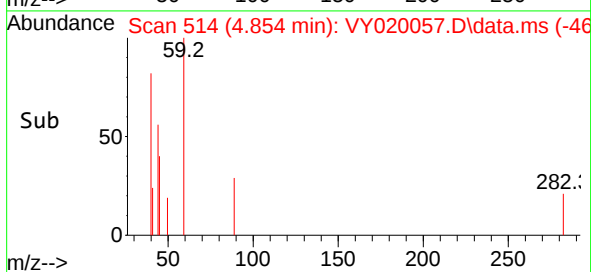
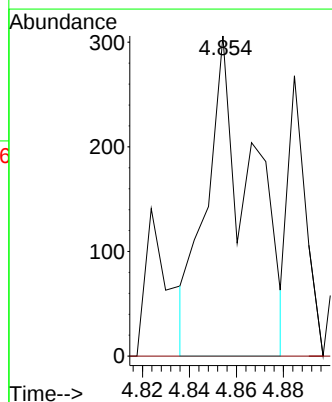
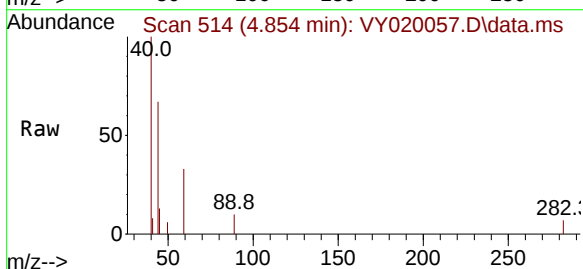
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 172626
Ion Ratio Lower Upper
168 100
99 65.6 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38

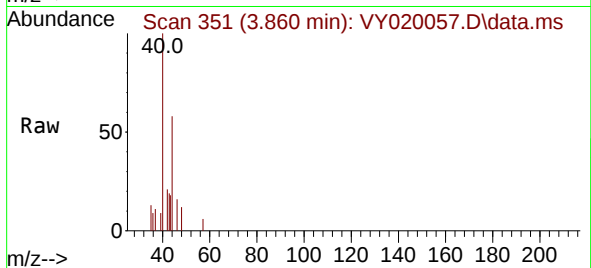
Tgt Ion: 59 Resp: 410
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



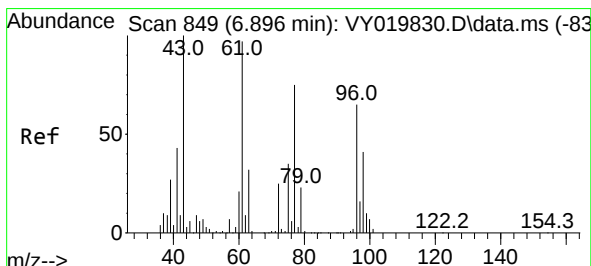
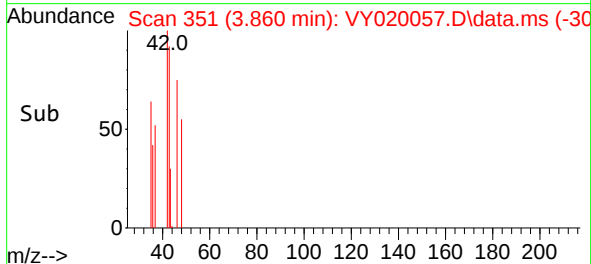
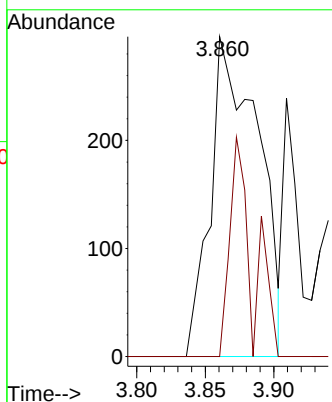


#16
Acetone
Concen: 1.301 ug/l
RT: 3.860 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :

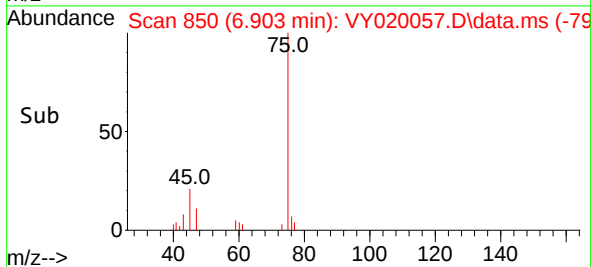
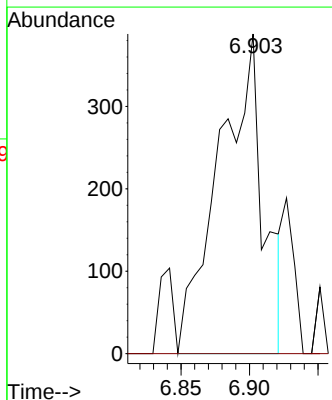
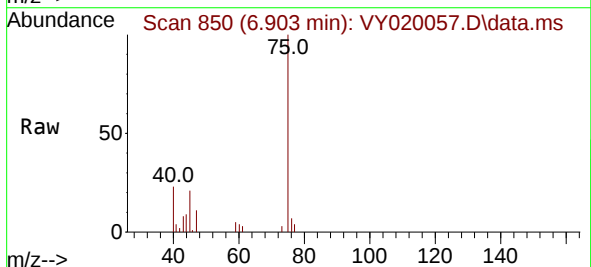


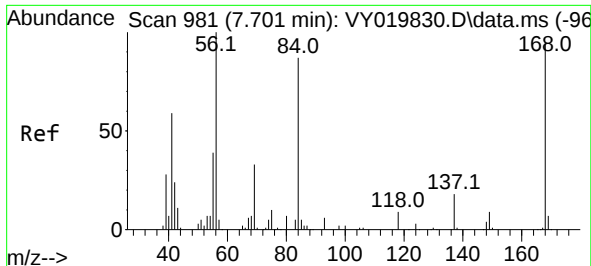
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#25
2-Butanone
Concen: 1.175 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38

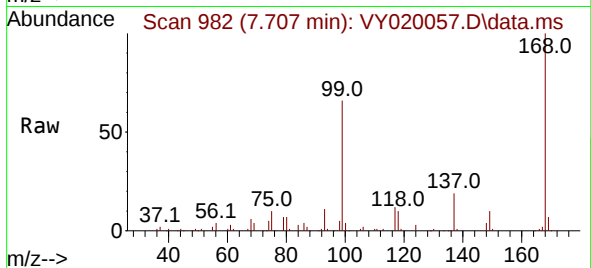
Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



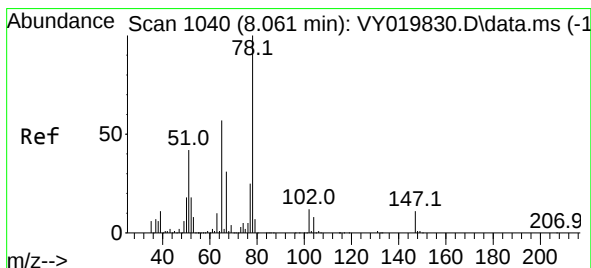
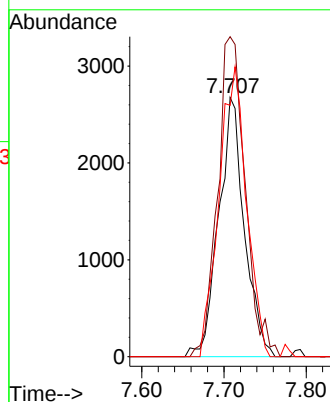
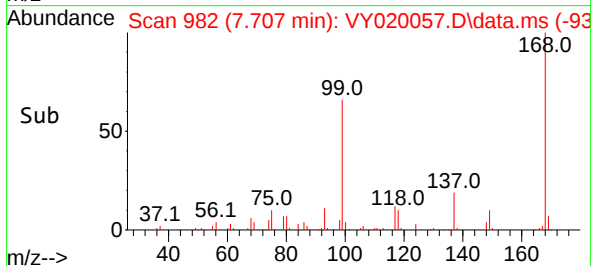


#31
Cyclohexane
Concen: 1.638 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38

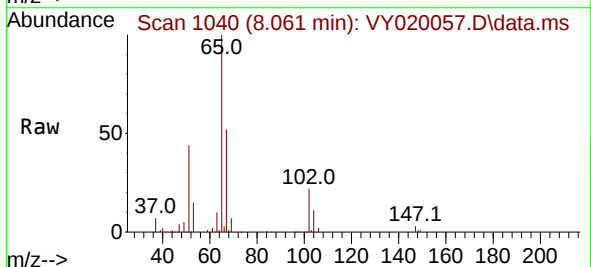
Instrument :
MSVOA_Y
ClientSampleId :



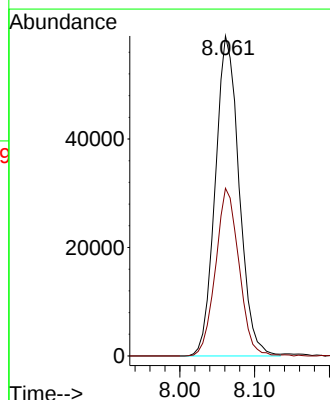
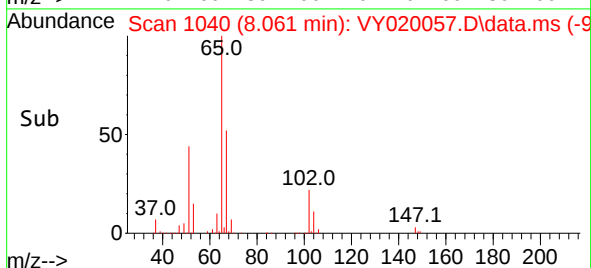
Tgt Ion: 56 Resp: 5817
Ion Ratio Lower Upper
56 100
69 123.4 28.7 43.1#
84 97.0 77.7 116.5

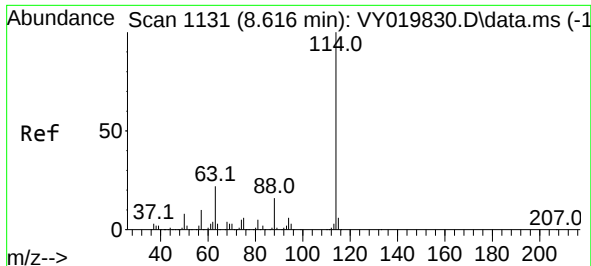


#33
1,2-Dichloroethane-d4
Concen: 61.620 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38



Tgt Ion: 65 Resp: 130976
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

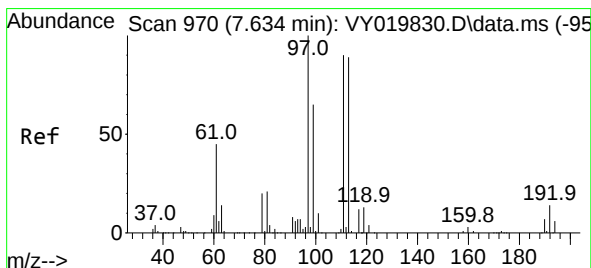
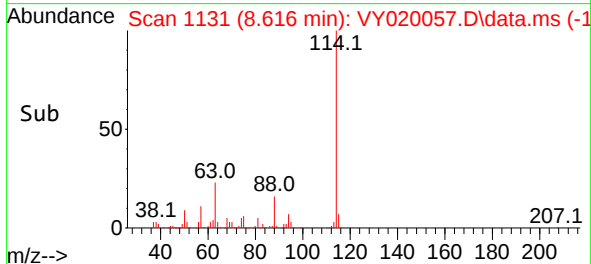
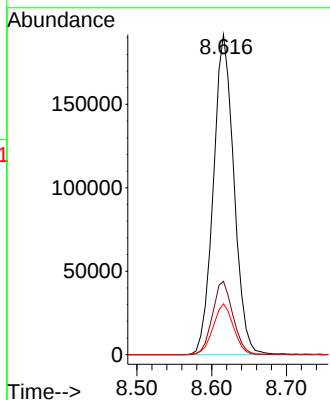
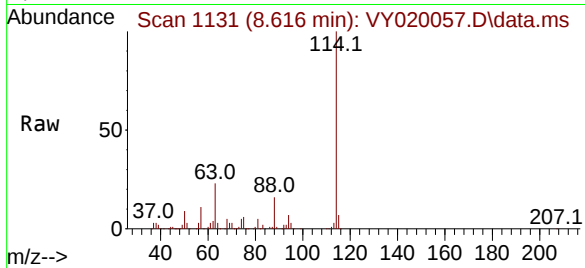




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020057.D
 Acq: 29 Oct 2024 13:38

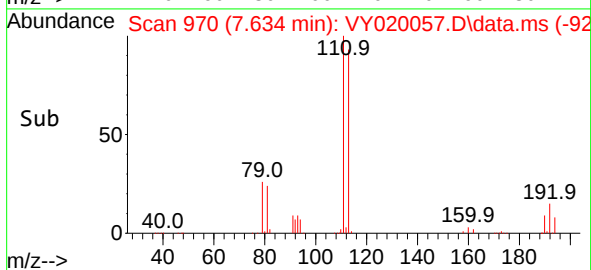
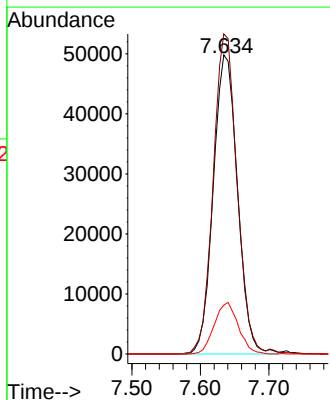
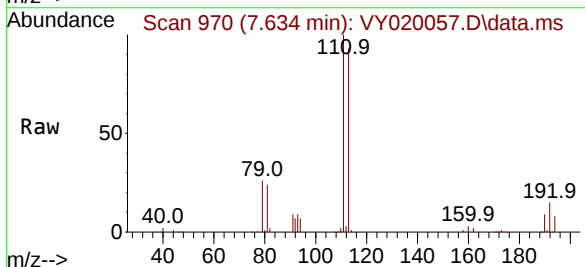
Instrument :
 MSVOA_Y
 ClientSampleId :

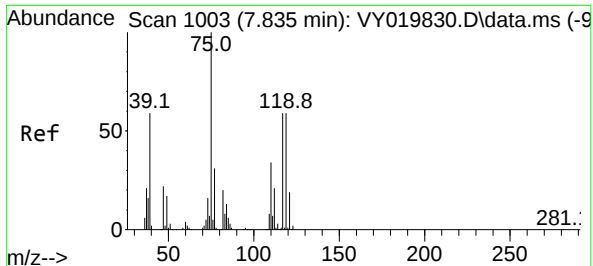
Tgt Ion:114 Resp: 367680
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 35.0
 88 15.9 0.0 27.2



#35
 Dibromofluoromethane
 Concen: 50.486 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020057.D
 Acq: 29 Oct 2024 13:38

Tgt Ion:113 Resp: 122494
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.2 123.4
 192 17.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.299 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

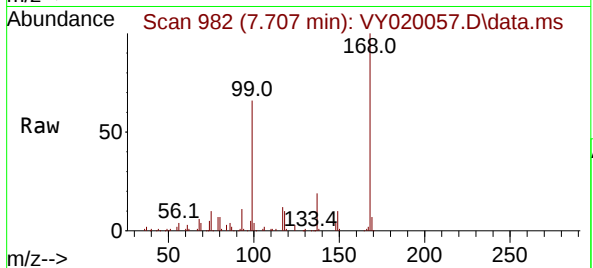
Lab File: VY020057.D

Acq: 29 Oct 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :



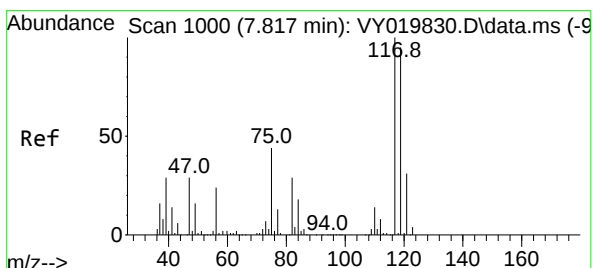
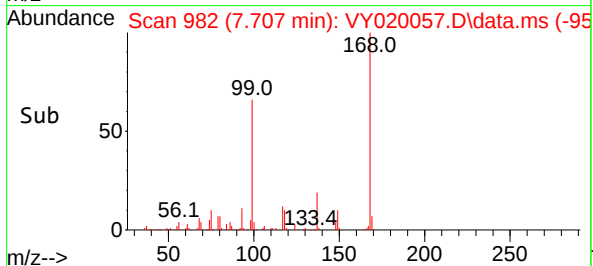
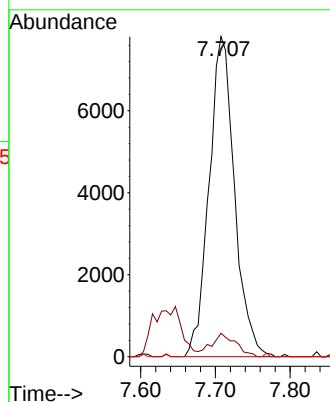
Tgt Ion: 75 Resp: 18521

Ion Ratio Lower Upper

75 100

110 7.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.494 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020057.D

Acq: 29 Oct 2024 13:38

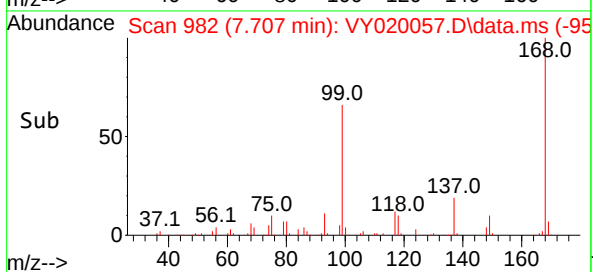
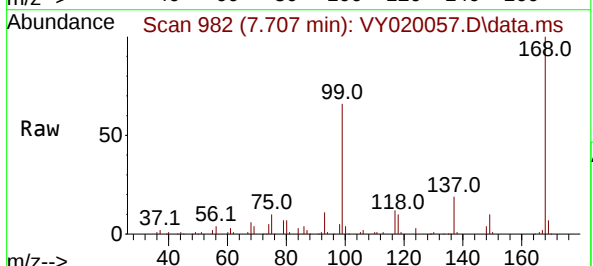
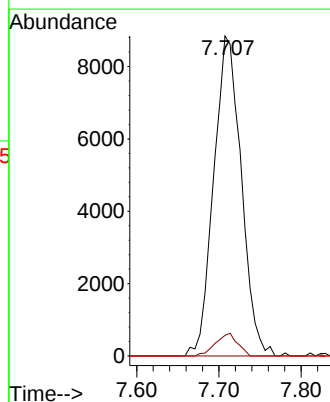
Tgt Ion: 117 Resp: 20587

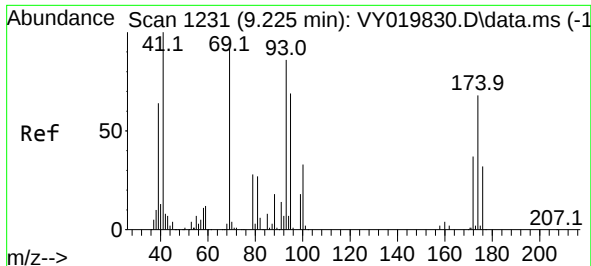
Ion Ratio Lower Upper

117 100

119 6.5 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.359 ug/l

RT: 8.975 min Scan# 1190

Delta R.T. -0.256 min

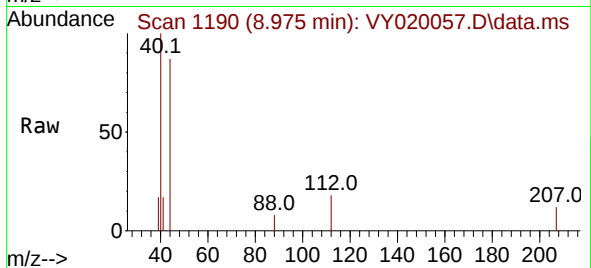
Lab File: VY020057.D

Acq: 29 Oct 2024 13:38

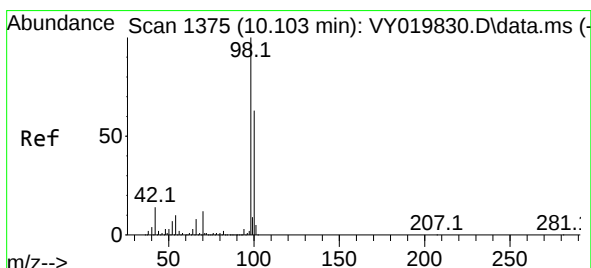
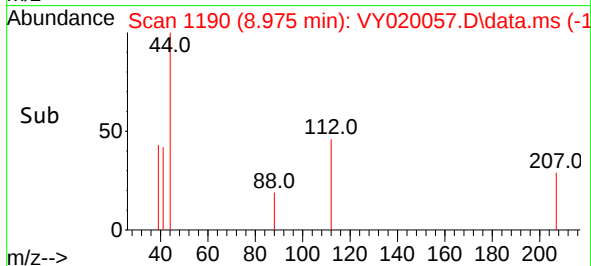
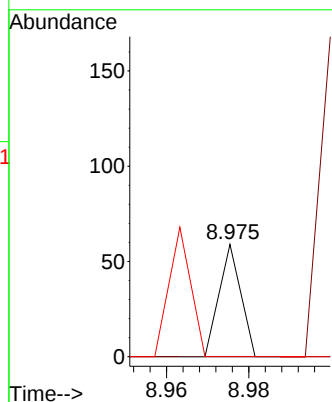
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	88	Resp:	22
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	113.6	49.3	73.9#



#50

Toluene-d8

Concen: 51.562 ug/l

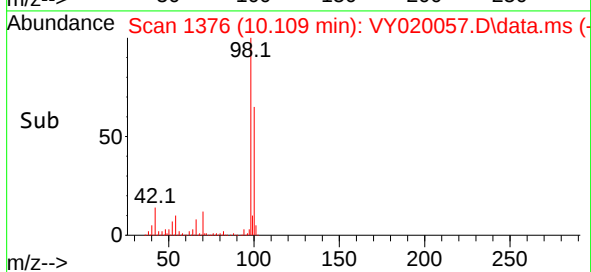
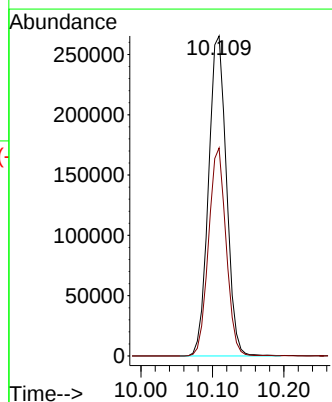
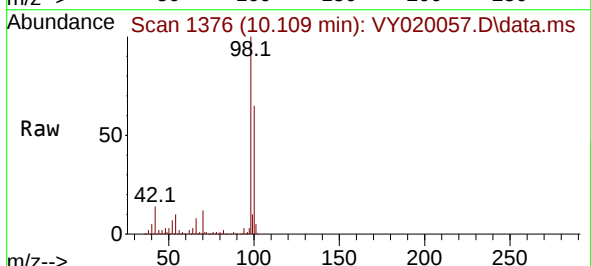
RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020057.D

Acq: 29 Oct 2024 13:38

Tgt Ion:	98	Resp:	461994
Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.0	78.0

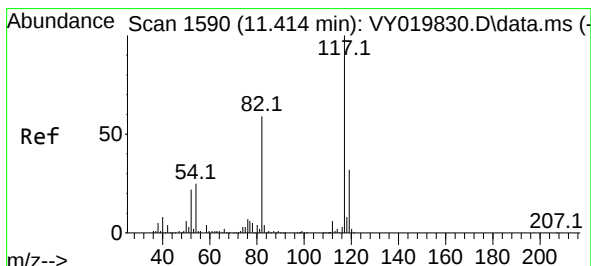
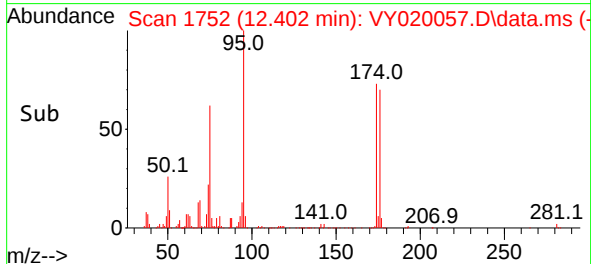
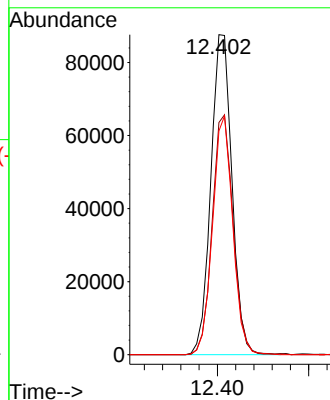
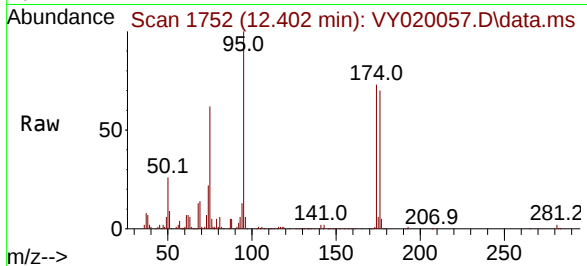




#62
4-Bromofluorobenzene
Concen: 43.423 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38

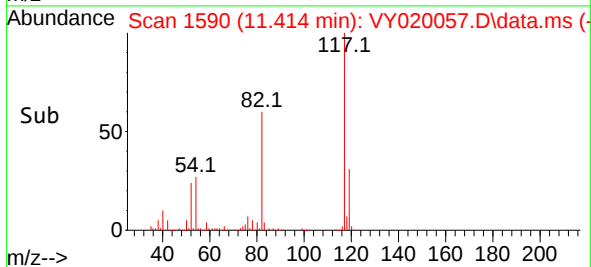
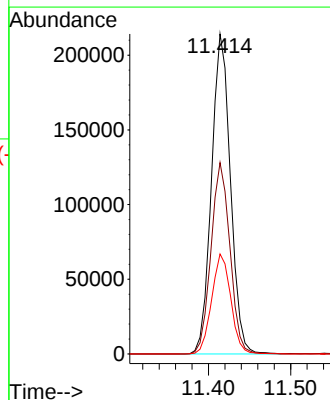
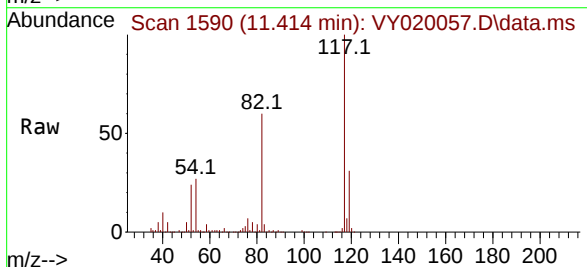
Instrument :
MSVOA_Y
ClientSampleId :

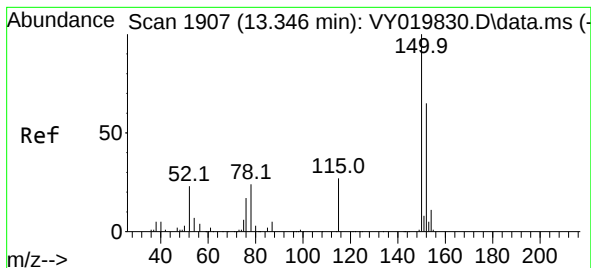
Tgt Ion: 95 Resp: 140582
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 71.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020057.D
Acq: 29 Oct 2024 13:38

Tgt Ion: 117 Resp: 342888
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

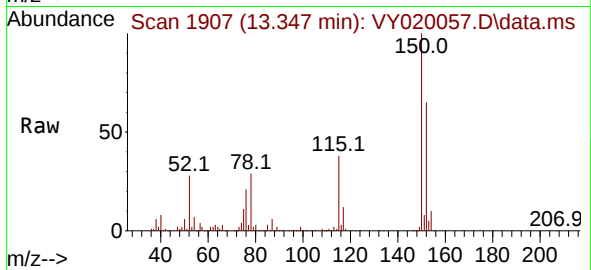
Lab File: VY020057.D

Acq: 29 Oct 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :



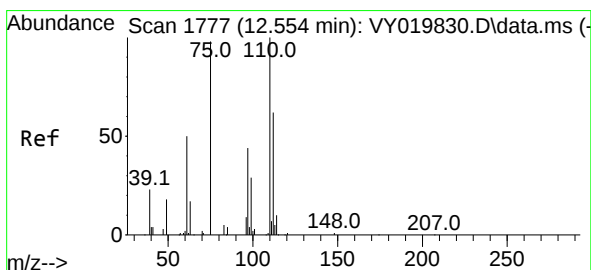
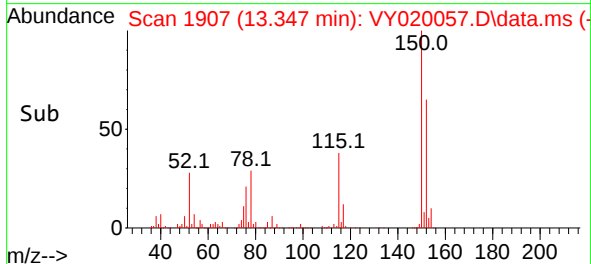
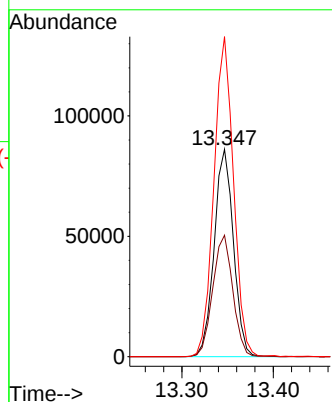
Tgt Ion:152 Resp: 126332

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 156.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 34.561 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020057.D

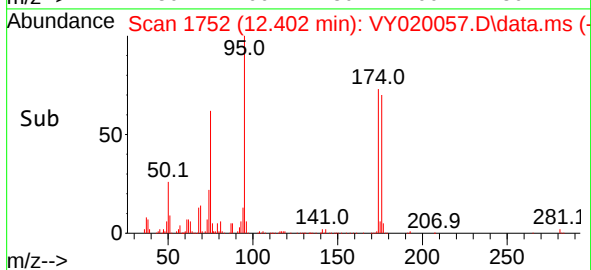
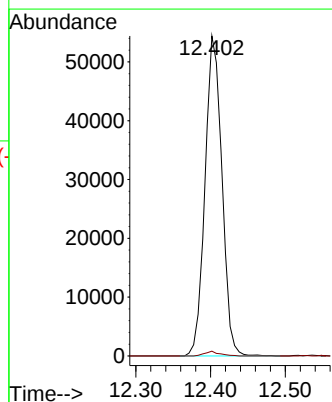
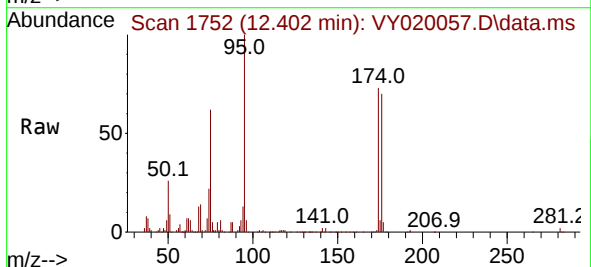
Acq: 29 Oct 2024 13:38

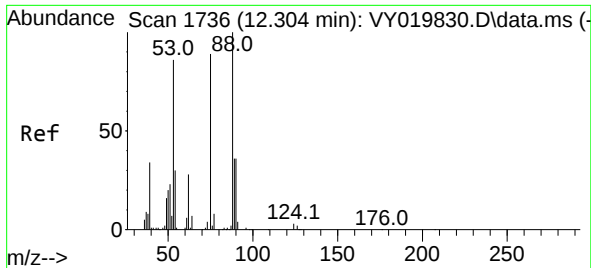
Tgt Ion: 75 Resp: 85533

Ion Ratio Lower Upper

75 100

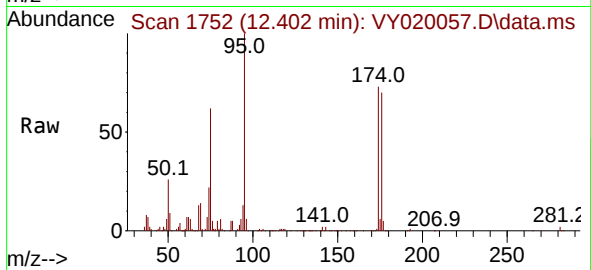
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.502 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020057.D
 Acq: 29 Oct 2024 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :



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

