

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020041.D
 Acq On : 28 Oct 2024 16:05
 Operator : SY/MD
 Sample : P4561-03
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 01:59:23 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)

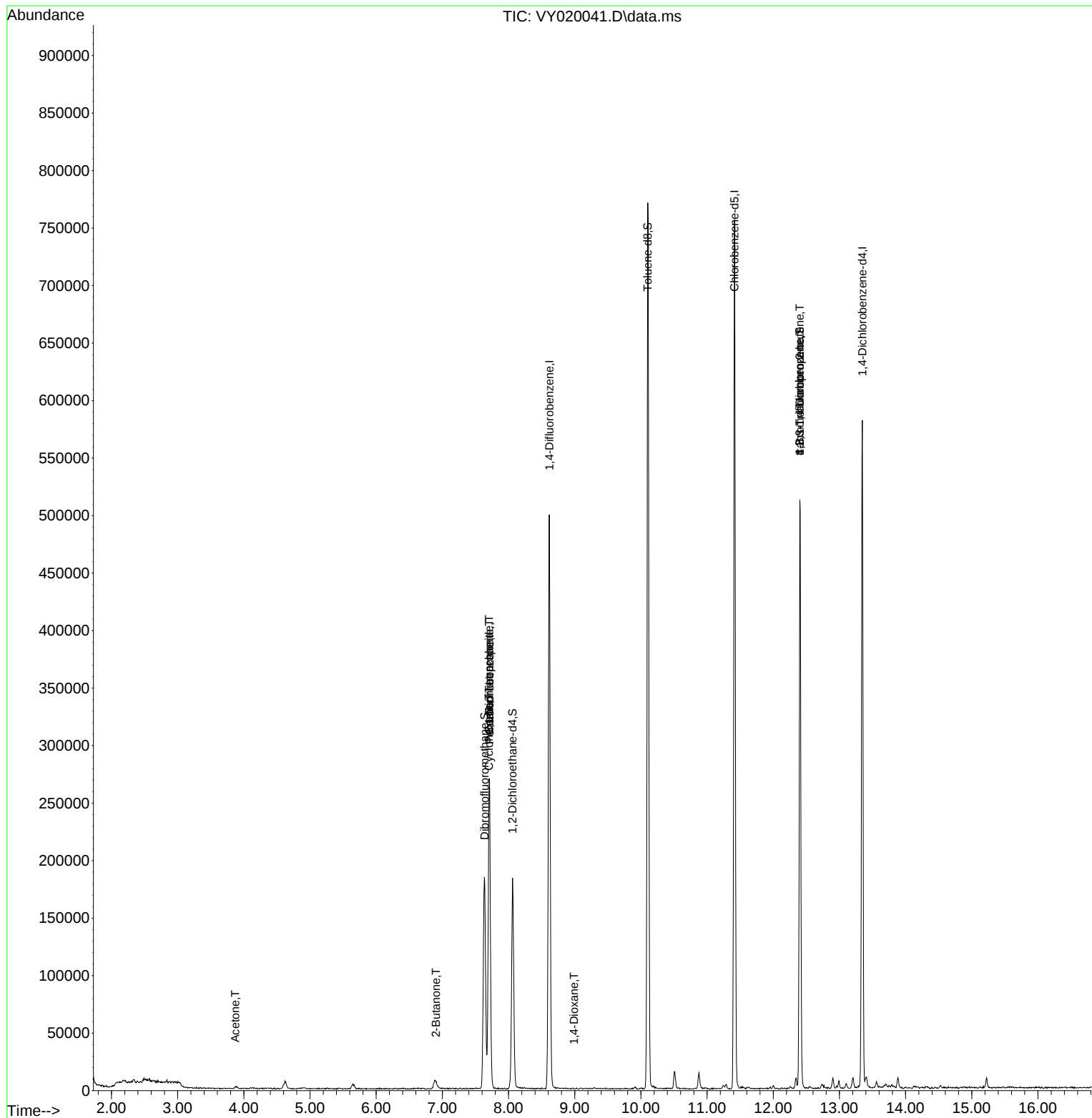
Internal Standards						
1) Pentafluorobenzene	7.713	168	187307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	391970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	363115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	128122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	136531	59.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.400%
35) Dibromofluoromethane	7.640	113	129994	50.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.103	98	484278	50.700	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.401	95	149259	43.246	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.500%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.866	59	126	Below Cal	#	88
16) Acetone	3.872	43	3205	5.338	ug/l #	85
25) 2-Butanone	6.902	43	1122	1.396	ug/l #	77
31) Cyclohexane	7.701	56	5997	1.556	ug/l #	51
36) 1,1-Dichloropropene	7.707	75	18344	4.923	ug/l #	49
38) Carbon Tetrachloride	7.707	117	21571	5.400	ug/l #	17
49) 1,4-Dioxane	8.987	88	23	1.332	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	88094	35.099	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	88094	141.671	ug/l #	16

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

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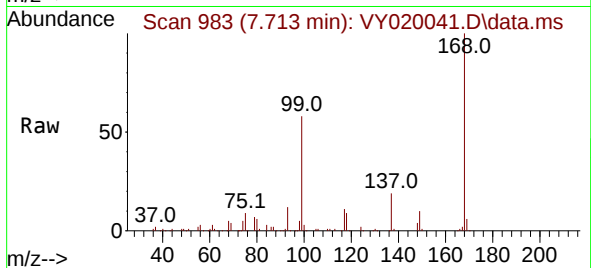
Quant Time: Oct 29 01:59:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
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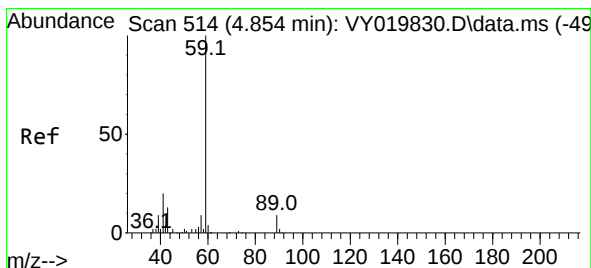
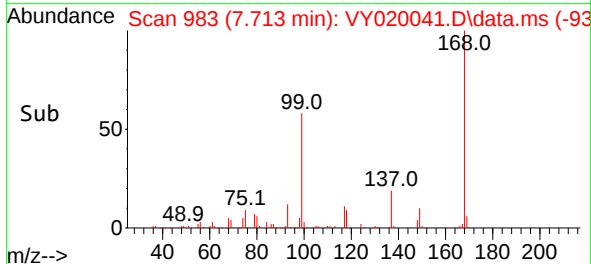
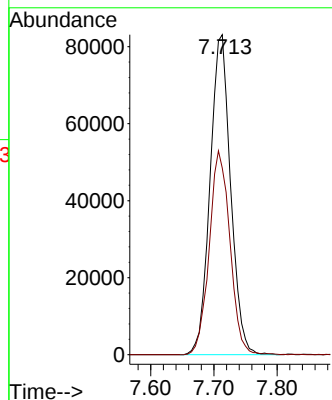


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

Instrument :
MSVOA_Y
ClientSampleId :

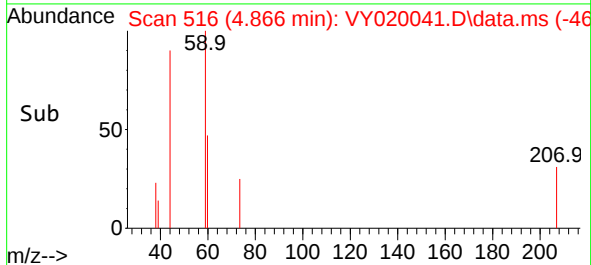
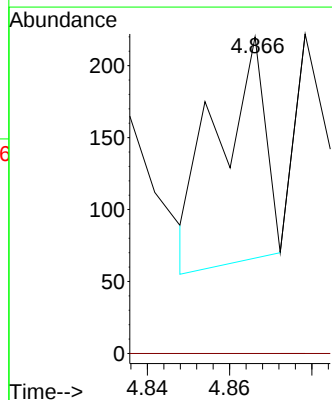
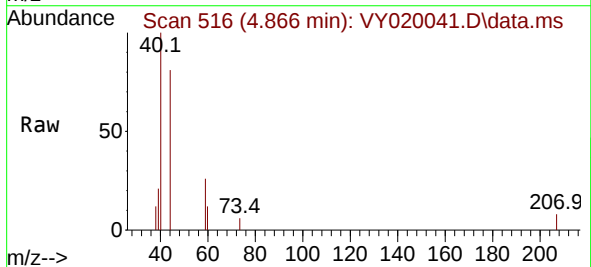


Tgt Ion:168 Resp: 187307
Ion Ratio Lower Upper
168 100
99 58.3 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

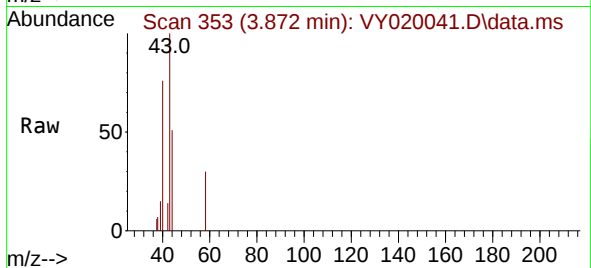
Tgt Ion: 59 Resp: 126
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



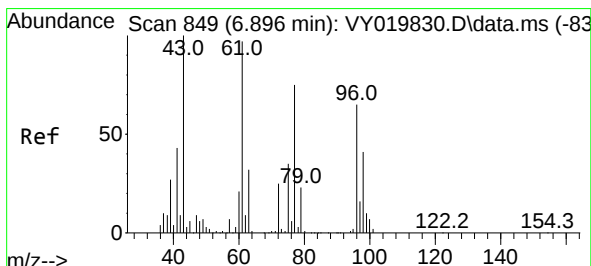
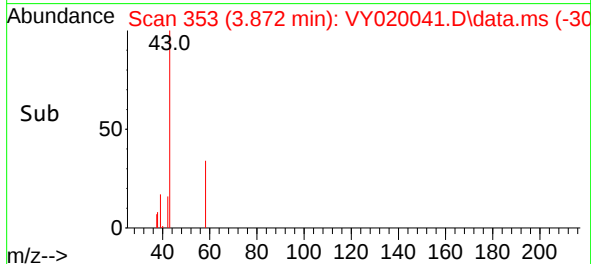
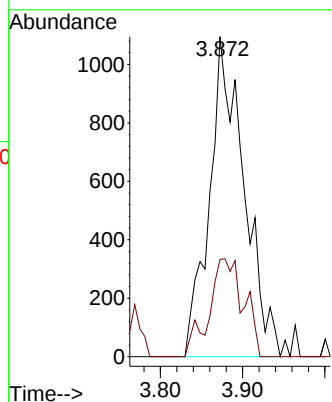


#16
Acetone
Concen: 5.338 ug/l
RT: 3.872 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

Instrument :
MSVOA_Y
ClientSampleId :

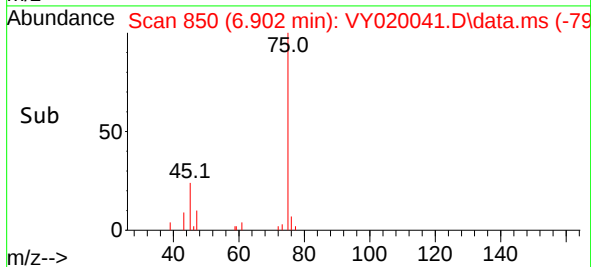
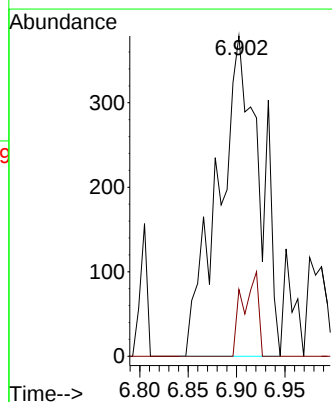
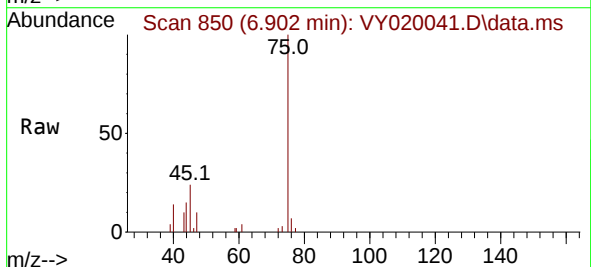


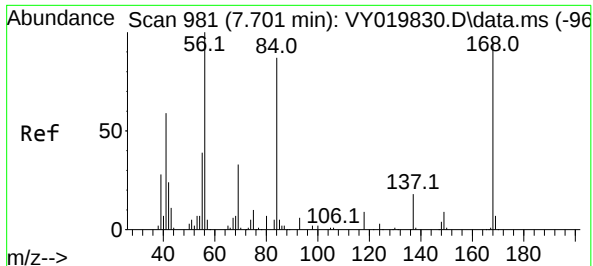
Tgt Ion: 43 Resp: 3205
Ion Ratio Lower Upper
43 100
58 30.4 31.7 47.5#



#25
2-Butanone
Concen: 1.396 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

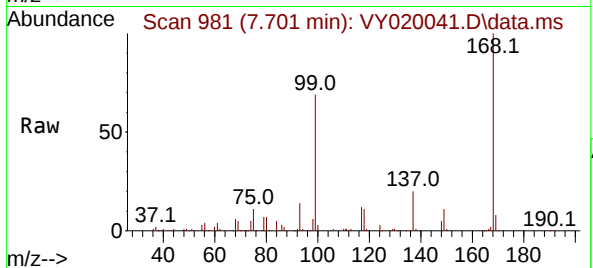
Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
72 20.8 27.3 40.9#



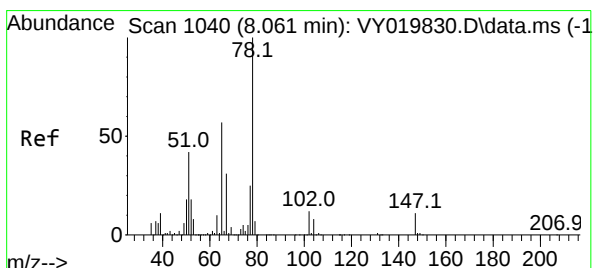
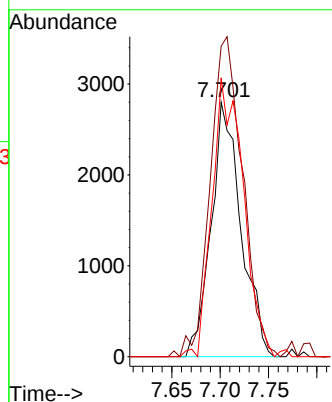
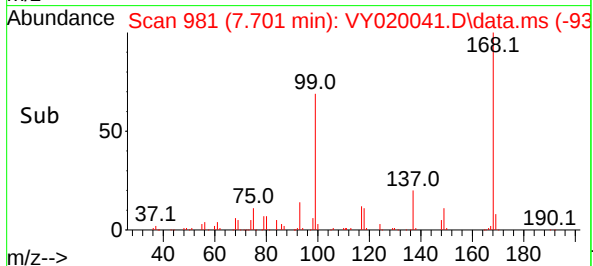


#31
Cyclohexane
Concen: 1.556 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

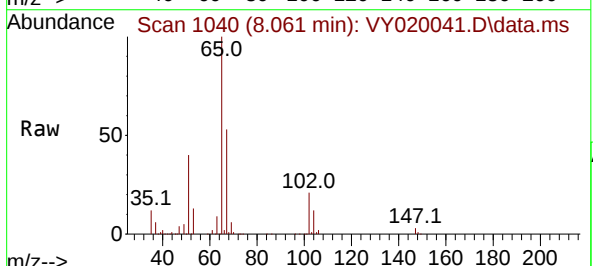
Instrument :
MSVOA_Y
ClientSampleId :



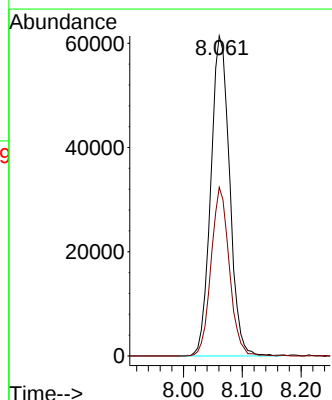
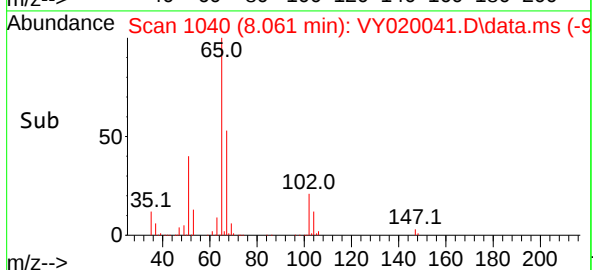
Tgt Ion: 56 Resp: 5997
Ion Ratio Lower Upper
56 100
69 122.1 28.7 43.1#
84 109.6 77.7 116.5

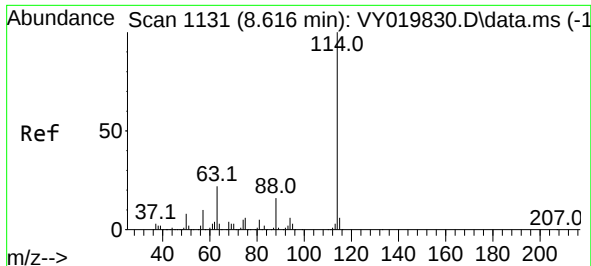


#33
1,2-Dichloroethane-d4
Concen: 59.199 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05



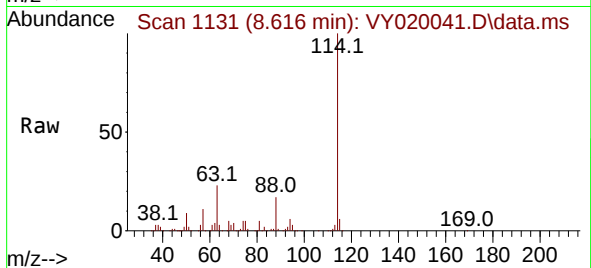
Tgt Ion: 65 Resp: 136531
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6



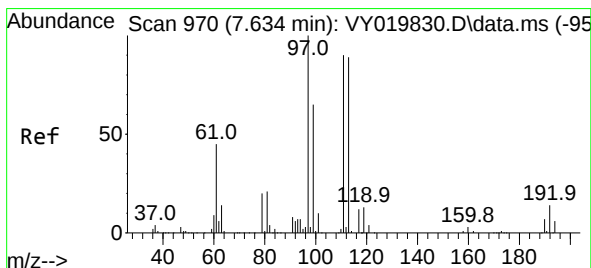
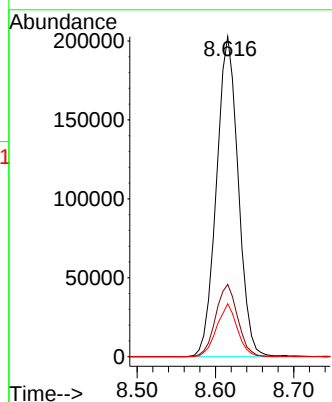
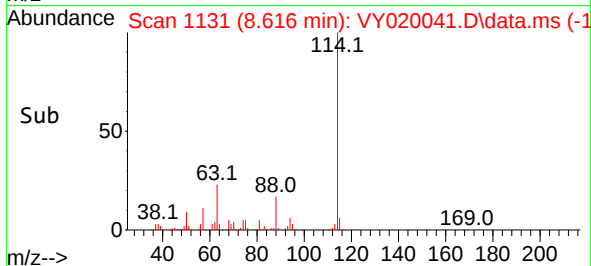


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

Instrument :
MSVOA_Y
ClientSampleId :

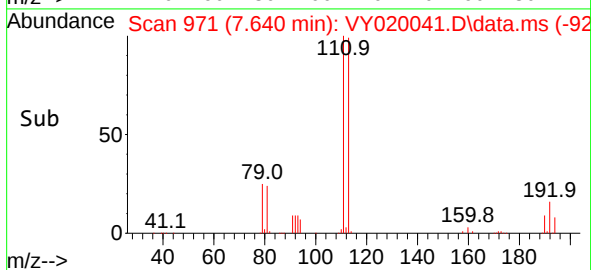
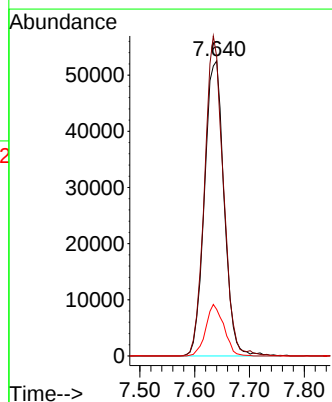
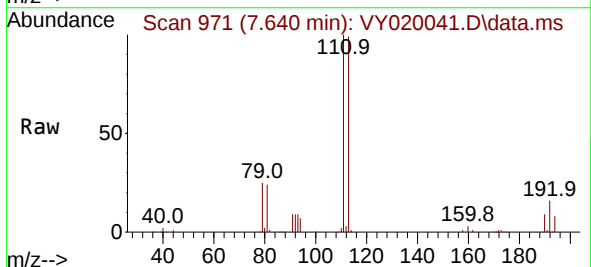


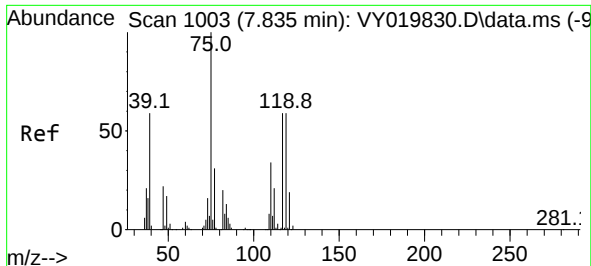
Tgt Ion:114 Resp: 391970
Ion Ratio Lower Upper
114 100
63 22.6 0.0 35.0
88 16.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.257 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

Tgt Ion:113 Resp: 129994
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 16.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.923 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

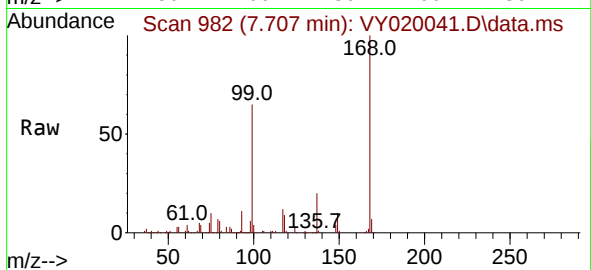
Lab File: VY020041.D

Acq: 28 Oct 2024 16:05

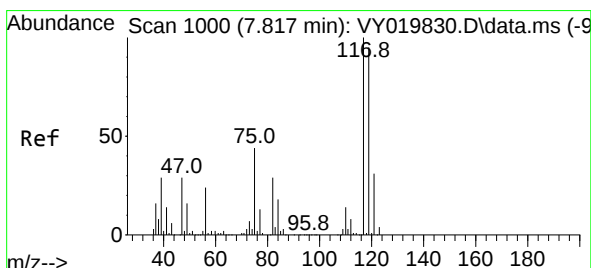
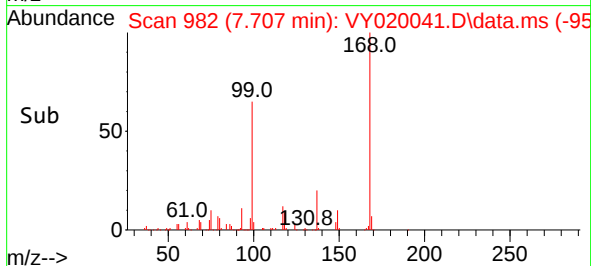
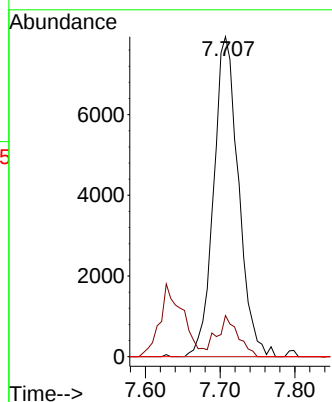
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 18344
Ion Ratio	Lower Upper
75	100
110	10.6 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.400 ug/l

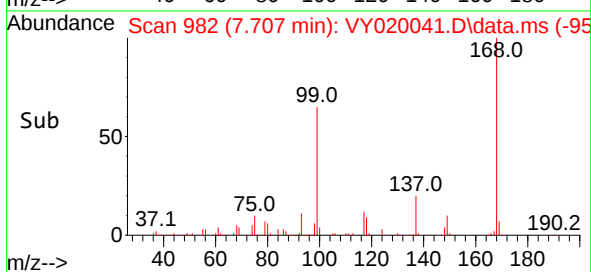
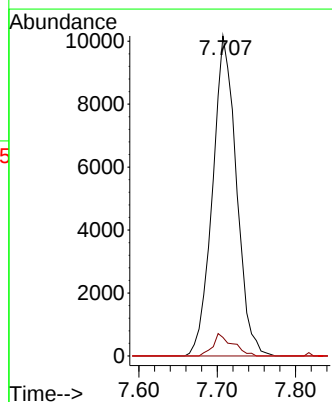
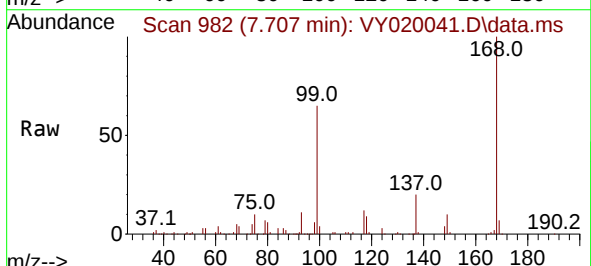
RT: 7.707 min Scan# 982

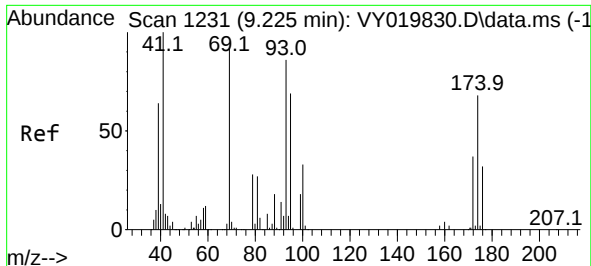
Delta R.T. -0.109 min

Lab File: VY020041.D

Acq: 28 Oct 2024 16:05

Tgt Ion: 117	Resp: 21571
Ion Ratio	Lower Upper
117	100
119	5.8 75.8 113.6#
121	0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.332 ug/l

RT: 8.987 min Scan# 1192

Delta R.T. -0.244 min

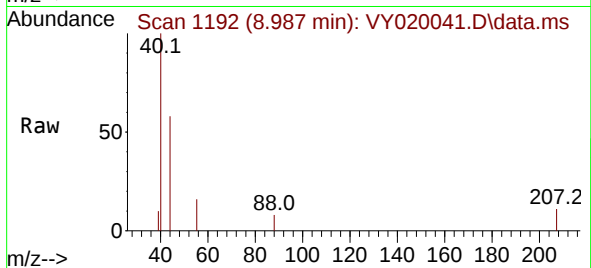
Lab File: VY020041.D

Acq: 28 Oct 2024 16:05

Instrument :

MSVOA_Y

ClientSampleId :



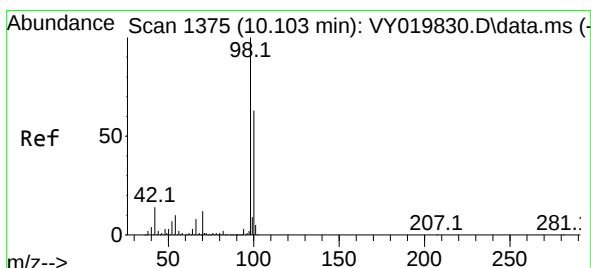
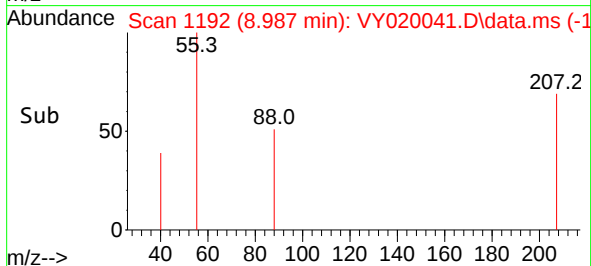
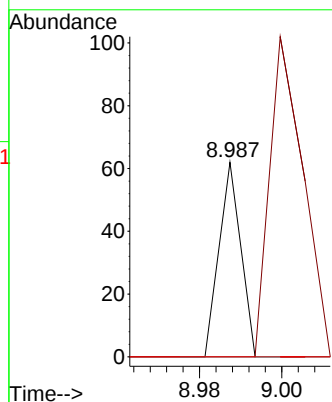
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 252.2 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 50.700 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020041.D

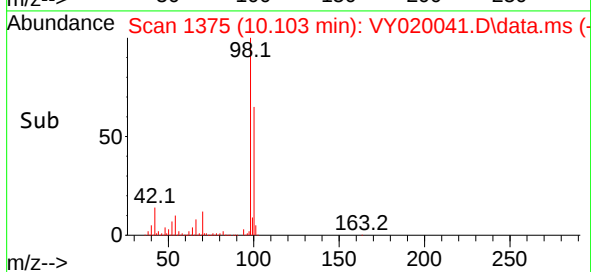
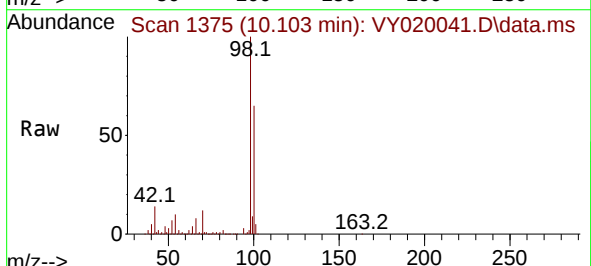
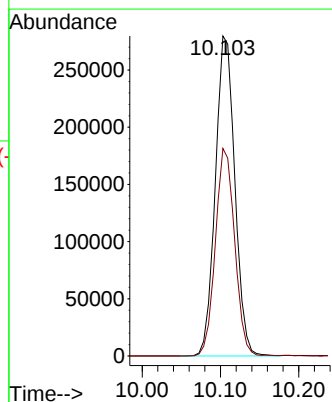
Acq: 28 Oct 2024 16:05

Tgt Ion: 98 Resp: 484278

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

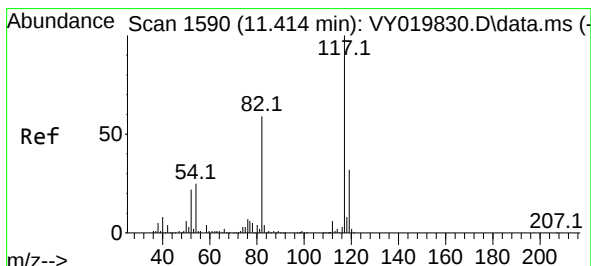
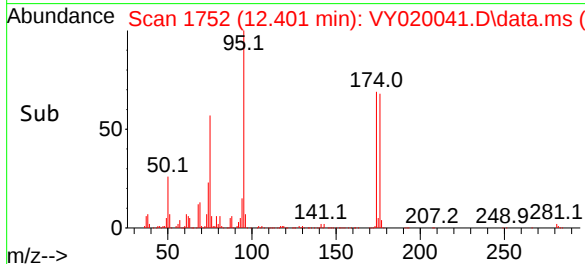
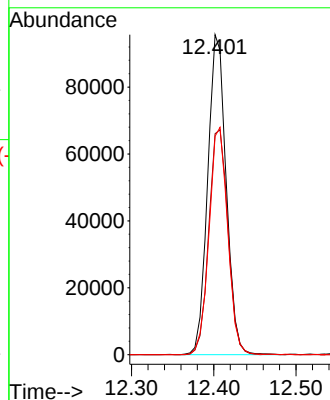
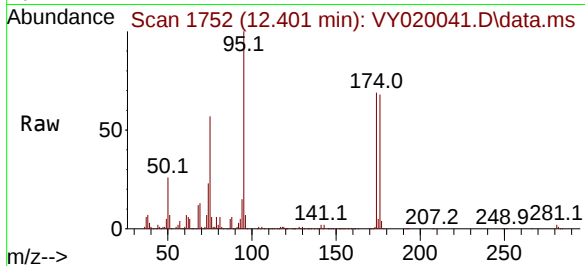




#62
4-Bromofluorobenzene
Concen: 43.246 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

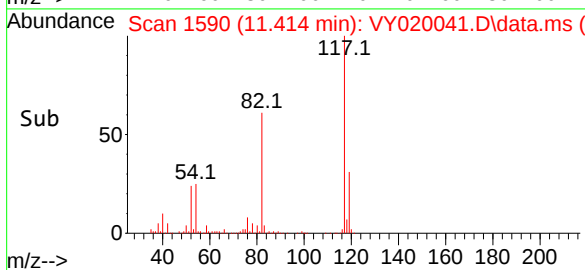
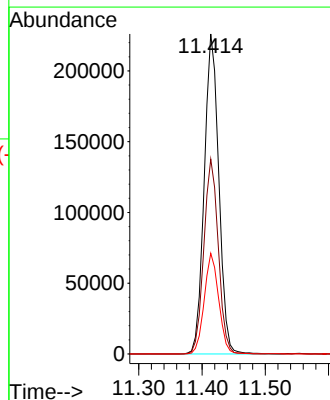
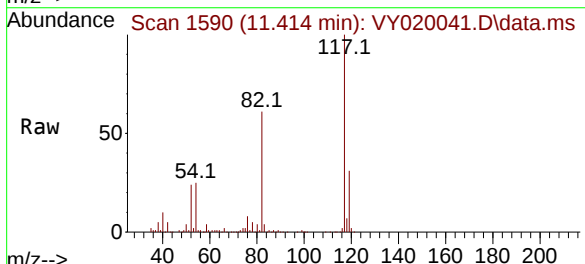
Instrument :
MSVOA_Y
ClientSampleId :

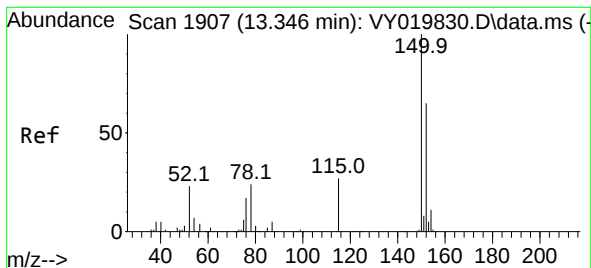
Tgt Ion: 95 Resp: 149259
Ion Ratio Lower Upper
95 100
174 73.2 0.0 175.6
176 71.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020041.D
Acq: 28 Oct 2024 16:05

Tgt Ion: 117 Resp: 363115
Ion Ratio Lower Upper
117 100
82 60.9 42.4 63.6
119 31.5 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: VY020041.D

Acq: 28 Oct 2024 16:05

Instrument :

MSVOA_Y

ClientSampleId :

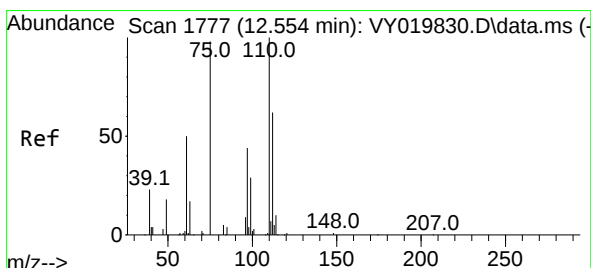
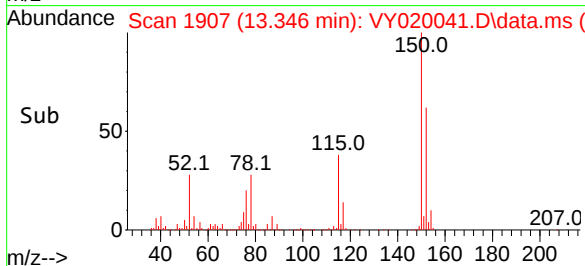
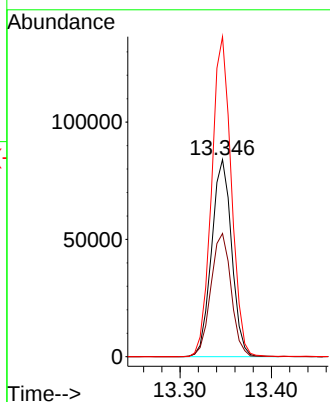
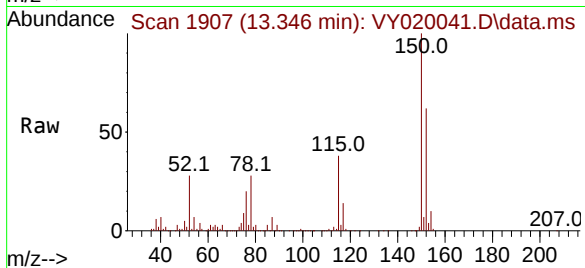
Tgt Ion:152 Resp: 128122

Ion Ratio Lower Upper

152 100

115 63.4 28.2 84.7

150 159.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 35.099 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020041.D

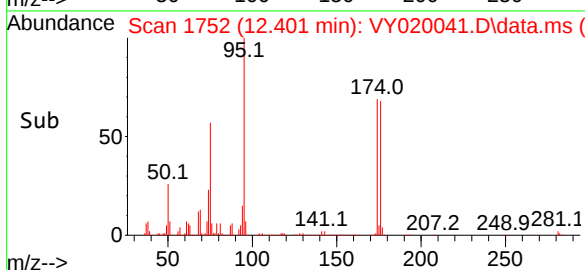
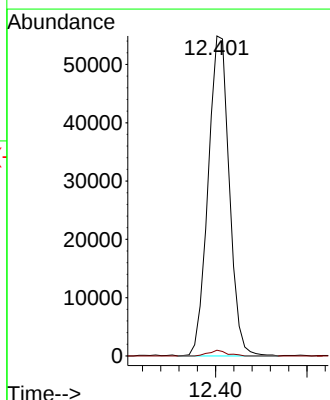
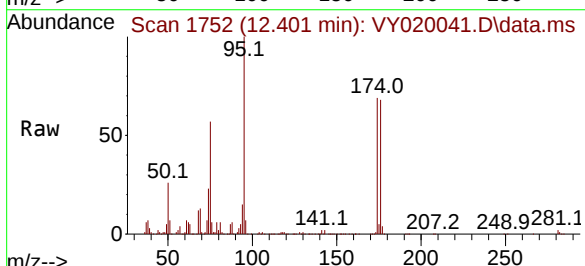
Acq: 28 Oct 2024 16:05

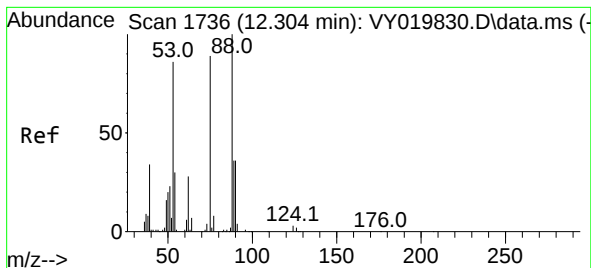
Tgt Ion: 75 Resp: 88094

Ion Ratio Lower Upper

75 100

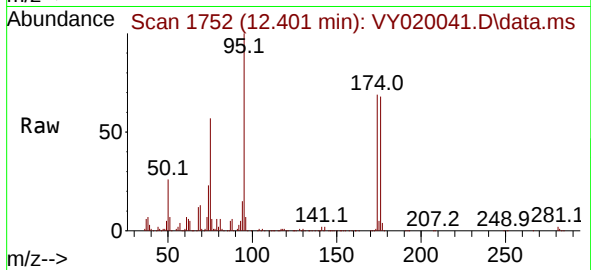
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.671 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020041.D
 Acq: 28 Oct 2024 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 88094
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 35.8 53.6#

