

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019942.D
 Acq On : 18 Oct 2024 10:31
 Operator : SY/MD
 Sample : VY1018SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 23:28:35 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)

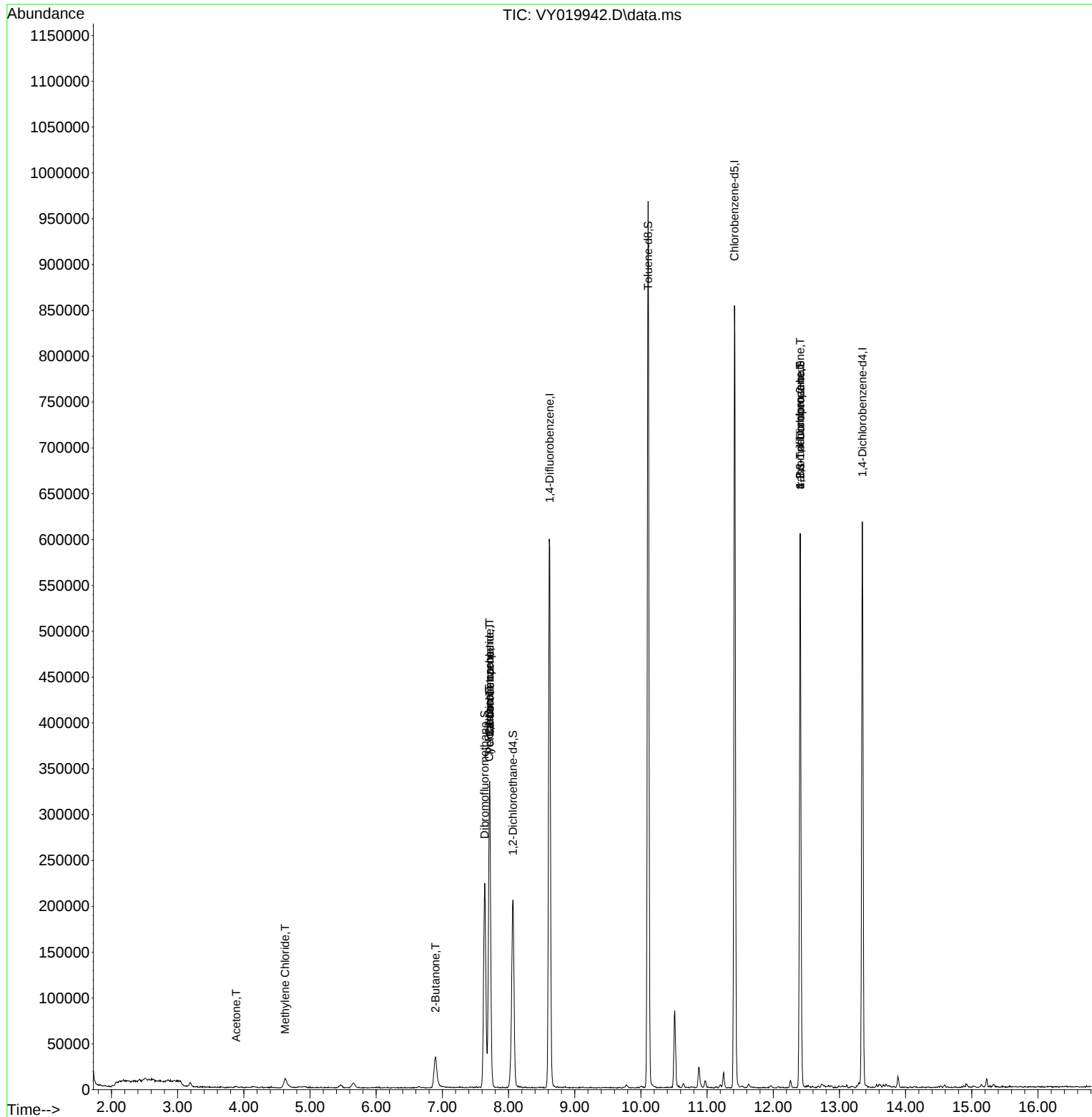
Internal Standards						
1) Pentafluorobenzene	7.719	168	231965	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.622	114	484064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	417841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	152370	53.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.700%	
35) Dibromofluoromethane	7.640	113	154761	48.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.900%	
50) Toluene-d8	10.109	98	591219	50.120	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	12.408	95	167235	39.236	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 78.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	510	Below Cal	#	88
16) Acetone	3.885	43	1243	1.672	ug/l	87
20) Methylene Chloride	4.622	84	6165	1.461	ug/l #	56
25) 2-Butanone	6.896	43	2850	2.864	ug/l #	63
31) Cyclohexane	7.707	56	7120	1.492	ug/l #	52
36) 1,1-Dichloropropene	7.713	75	23554	5.118	ug/l #	49
38) Carbon Tetrachloride	7.713	117	26531	5.378	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	98686	36.282	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	98686	146.449	ug/l #	16

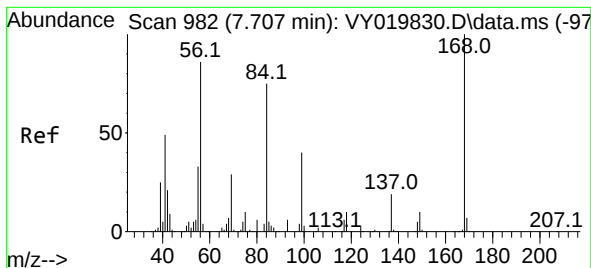
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
Data File : VY019942.D
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MSVOA_Y
ClientSampleId :

Quant Time: Oct 18 23:28:35 2024
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Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY019942.D

Acq: 18 Oct 2024 10:31

Instrument :

MSVOA_Y

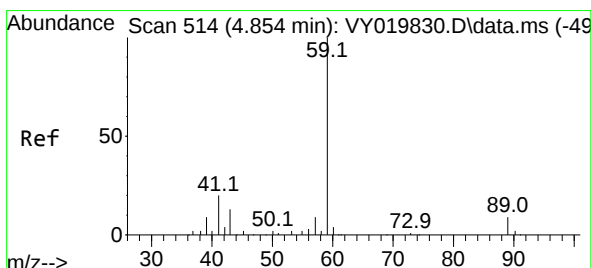
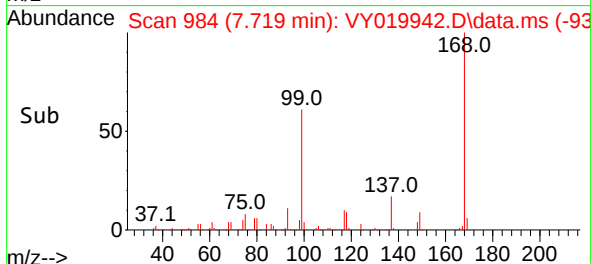
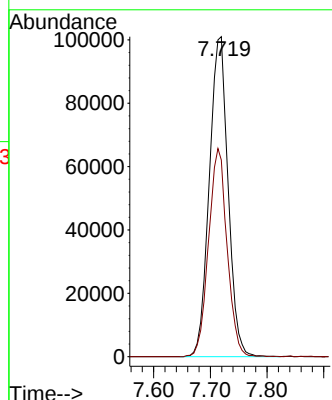
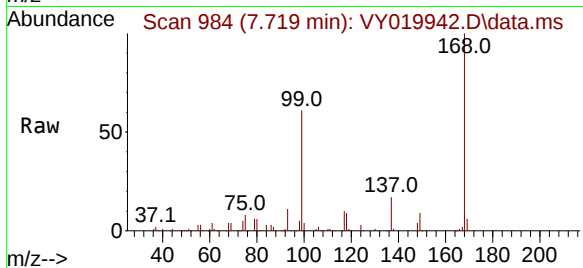
ClientSampleId :

Tgt Ion:168 Resp: 231965

Ion Ratio Lower Upper

168 100

99 61.4 39.1 58.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.842 min Scan# 512

Delta R.T. -0.018 min

Lab File: VY019942.D

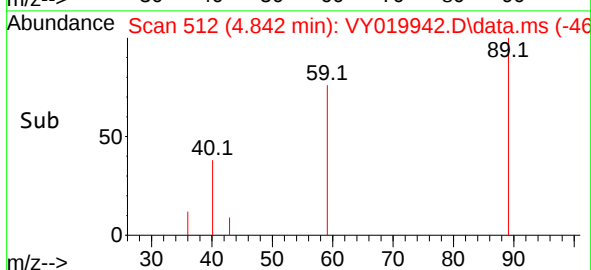
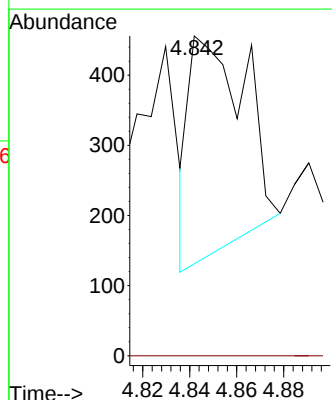
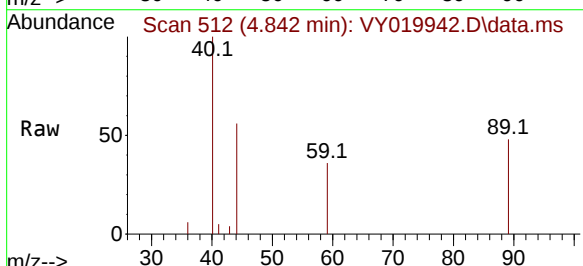
Acq: 18 Oct 2024 10:31

Tgt Ion: 59 Resp: 510

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#

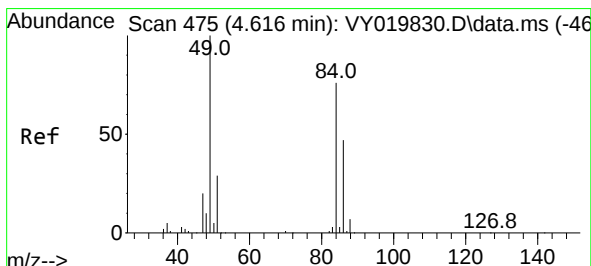
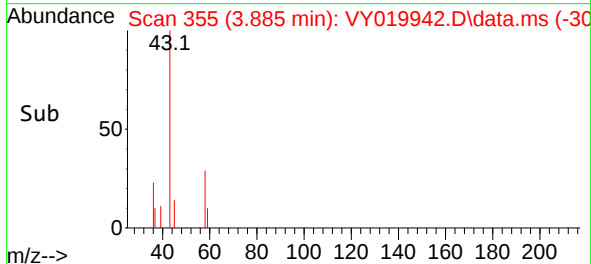
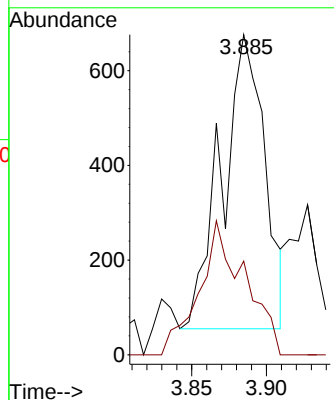
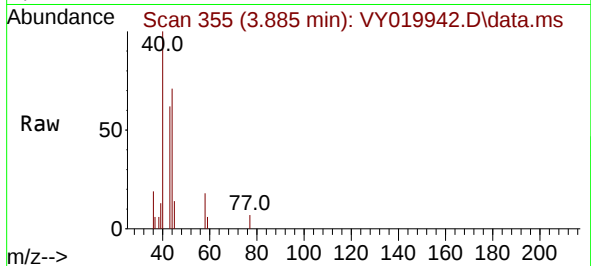




#16
Acetone
Concen: 1.672 ug/l
RT: 3.885 min Scan# 311
Delta R.T. 0.013 min
Lab File: VY019942.D
Acq: 18 Oct 2024 10:31

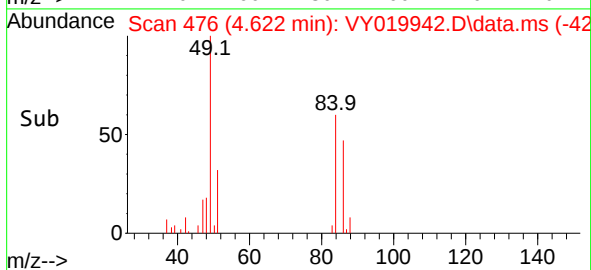
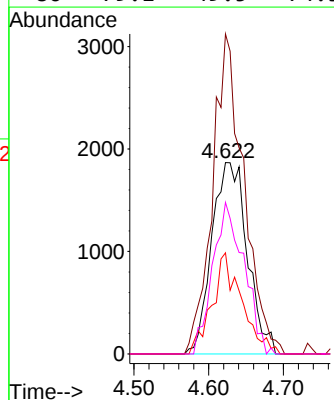
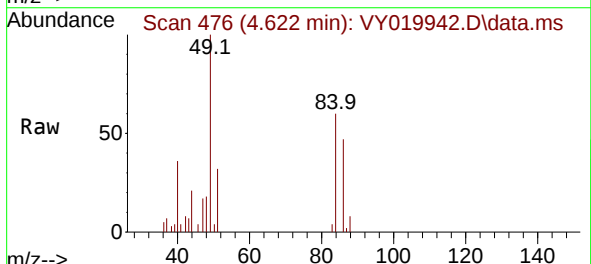
Instrument :
MSVOA_Y
ClientSampleId :

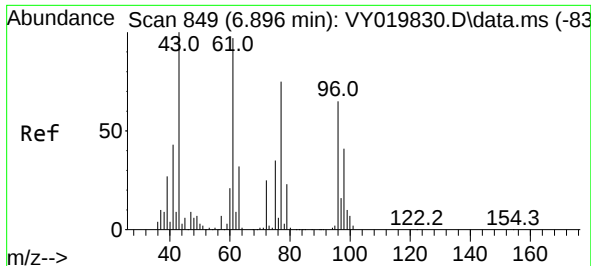
Tgt Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
58 31.9 31.7 47.5



#20
Methylene Chloride
Concen: 1.461 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019942.D
Acq: 18 Oct 2024 10:31

Tgt Ion: 84 Resp: 6165
Ion Ratio Lower Upper
84 100
49 167.2 84.4 126.6#
51 52.8 26.0 39.0#
86 79.1 49.5 74.3#

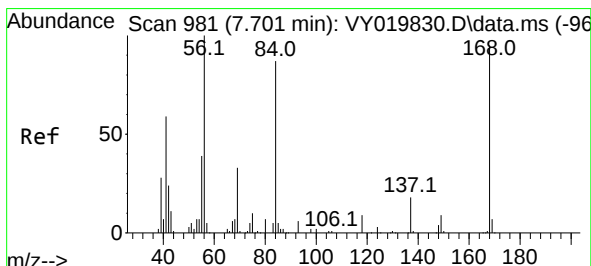
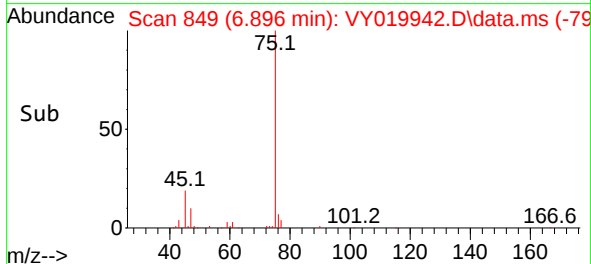
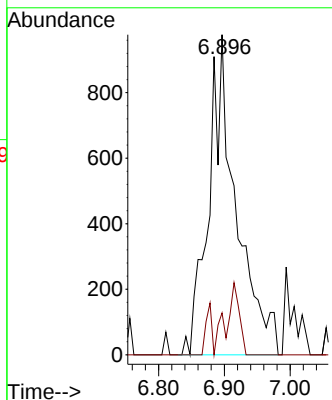
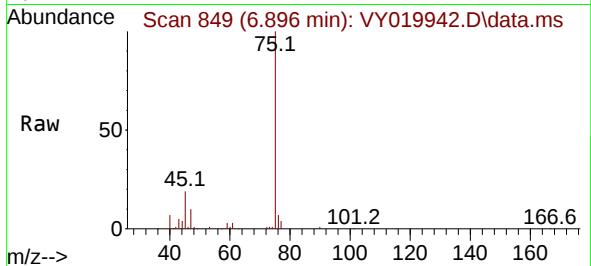




#25
2-Butanone
Concen: 2.864 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019942.D
Acq: 18 Oct 2024 10:31

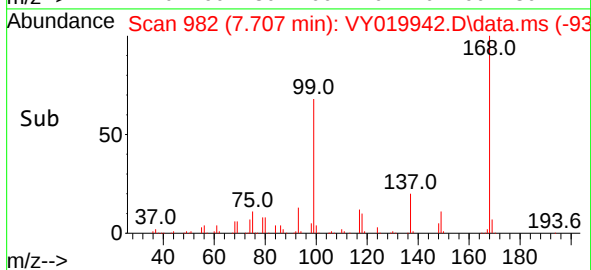
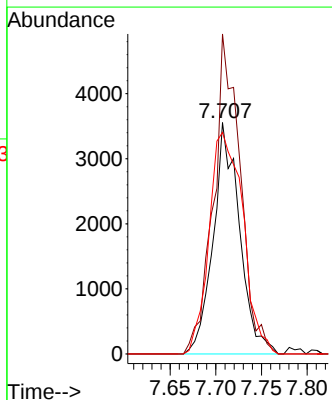
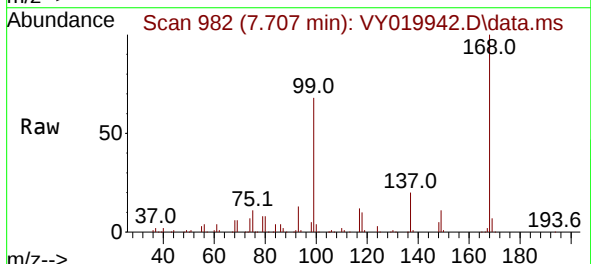
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2850
Ion Ratio Lower Upper
43 100
72 13.1 27.3 40.9#



#31
Cyclohexane
Concen: 1.492 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019942.D
Acq: 18 Oct 2024 10:31

Tgt Ion: 56 Resp: 7120
Ion Ratio Lower Upper
56 100
69 138.3 28.7 43.1#
84 95.8 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 53.348 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019942.D

Acq: 18 Oct 2024 10:31

Instrument :

MSVOA_Y

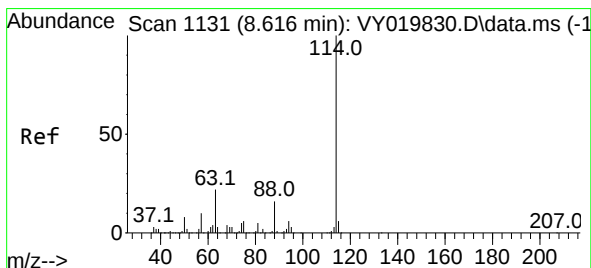
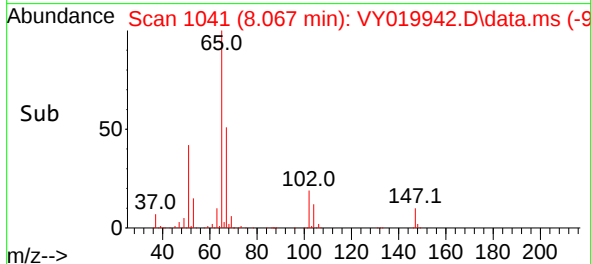
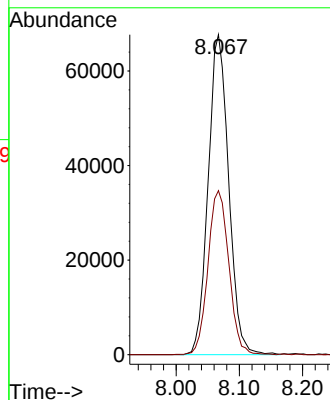
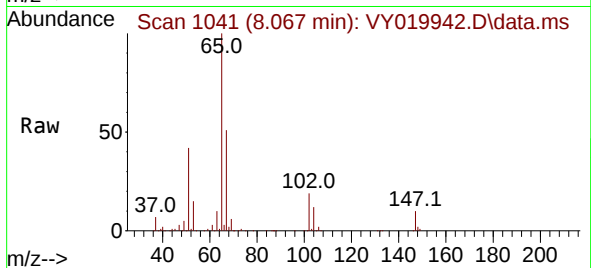
ClientSampleId :

Tgt Ion: 65 Resp: 152370

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY019942.D

Acq: 18 Oct 2024 10:31

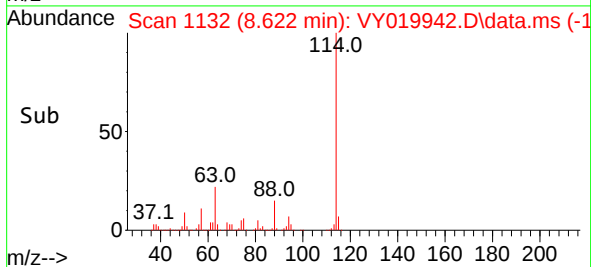
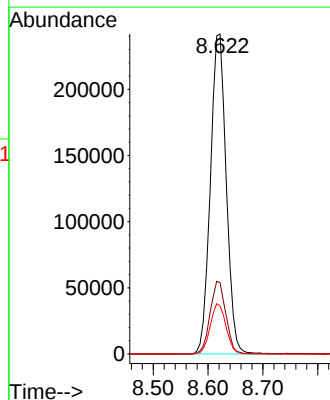
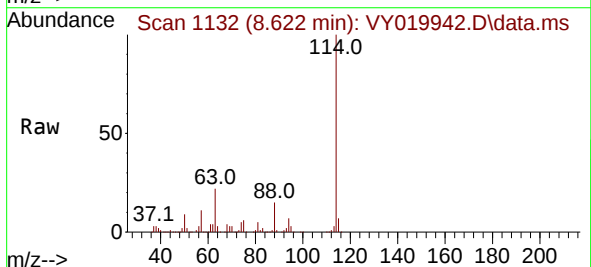
Tgt Ion: 114 Resp: 484064

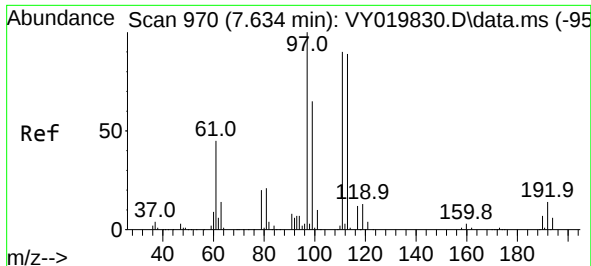
Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.0

88 15.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.449 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY019942.D

Acq: 18 Oct 2024 10:31

Instrument :

MSVOA_Y

ClientSampleId :

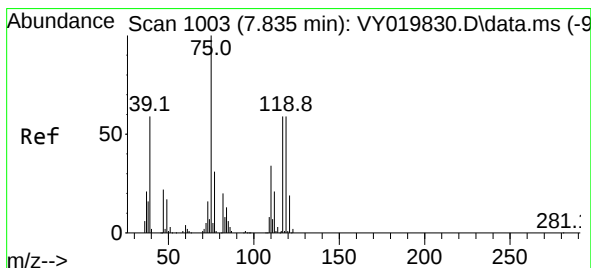
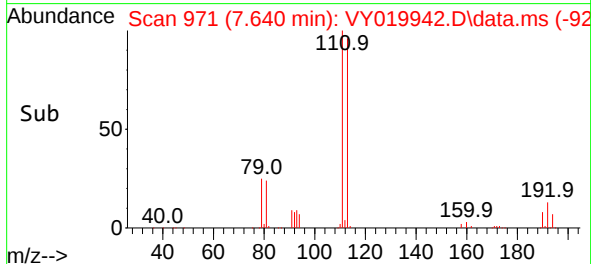
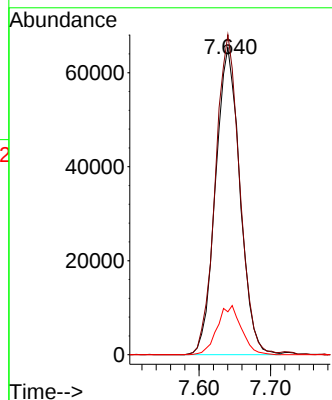
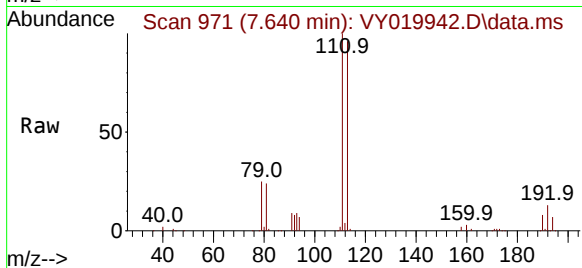
Tgt Ion:113 Resp: 154761

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 15.9 15.9 23.9#



#36

1,1-Dichloropropene

Concen: 5.118 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

Lab File: VY019942.D

Acq: 18 Oct 2024 10:31

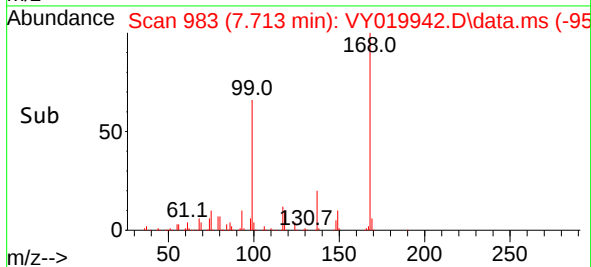
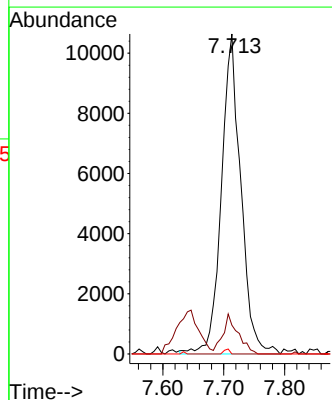
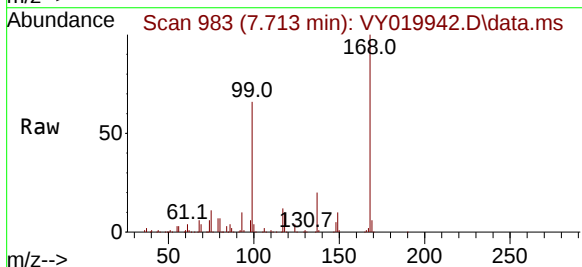
Tgt Ion: 75 Resp: 23554

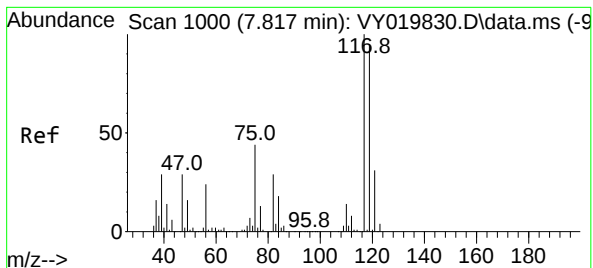
Ion Ratio Lower Upper

75 100

110 9.7 19.0 57.0#

77 0.5 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.378 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.103 min

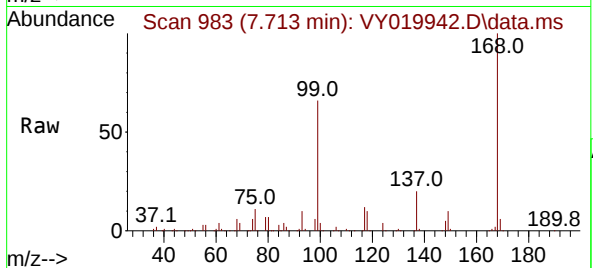
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Acq: 18 Oct 2024 10:31

Instrument :

MSVOA_Y

ClientSampleId :



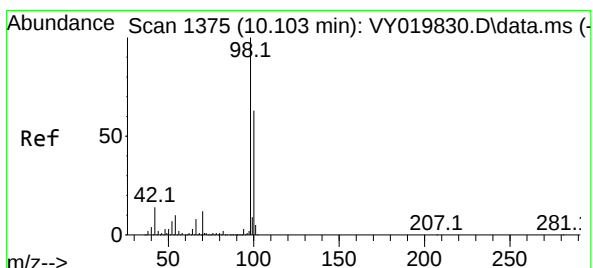
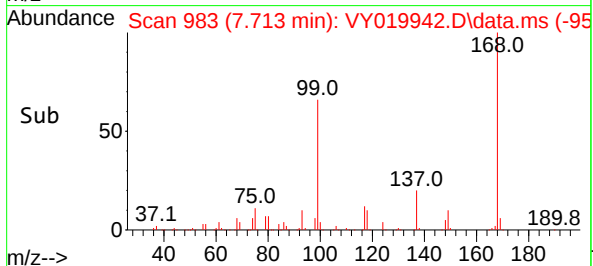
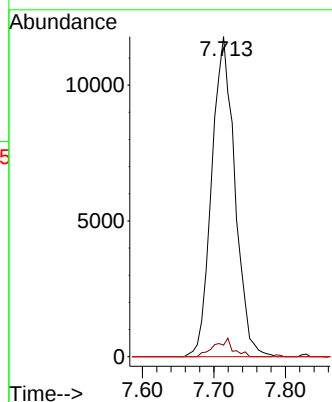
Tgt Ion:117 Resp: 26531

Ion Ratio Lower Upper

117 100

119 3.6 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 50.120 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019942.D

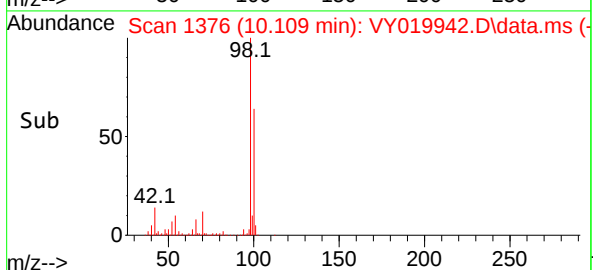
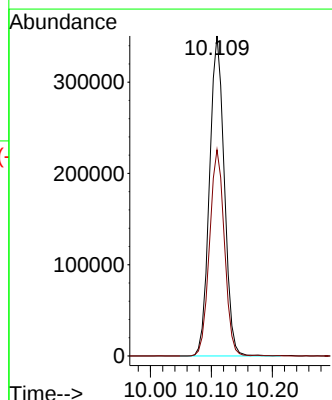
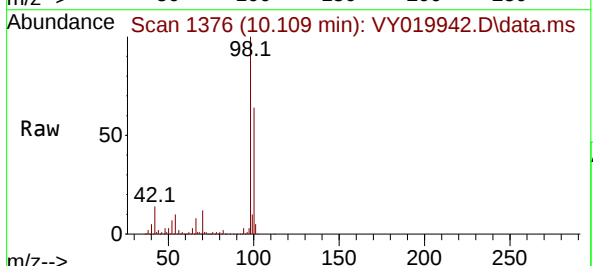
Acq: 18 Oct 2024 10:31

Tgt Ion: 98 Resp: 591219

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

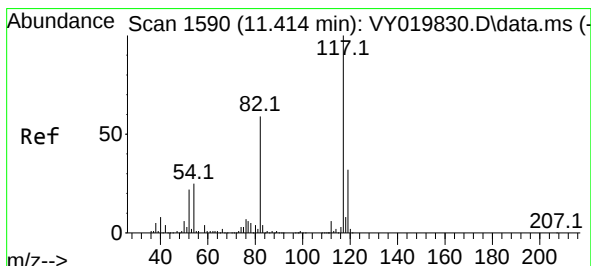
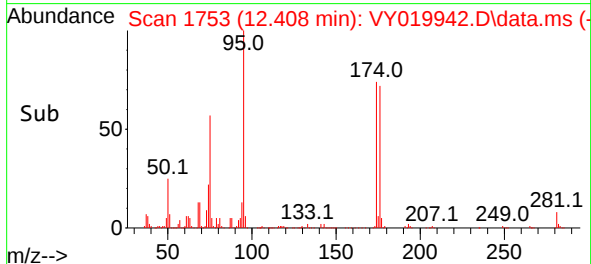
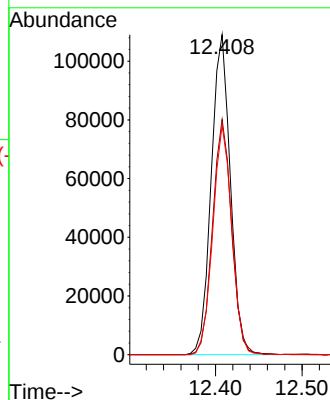
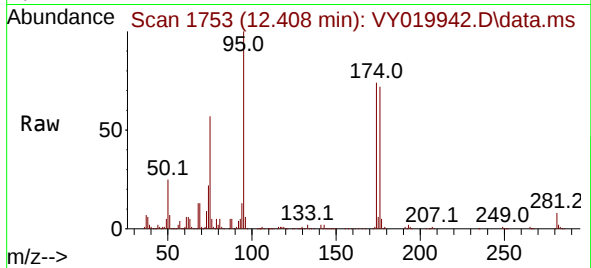




#62
4-Bromofluorobenzene
Concen: 39.236 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019942.D
Acq: 18 Oct 2024 10:31

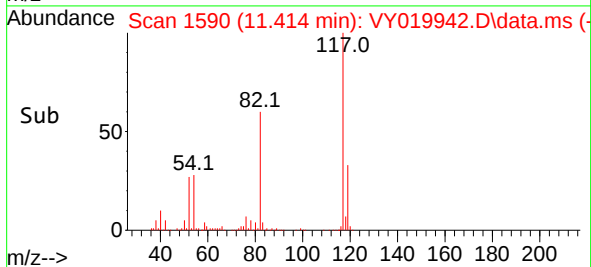
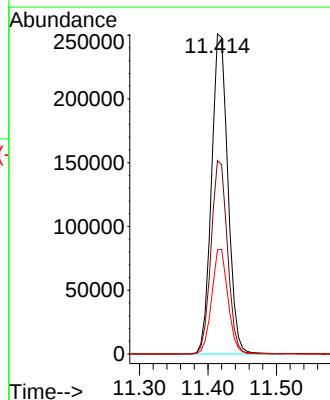
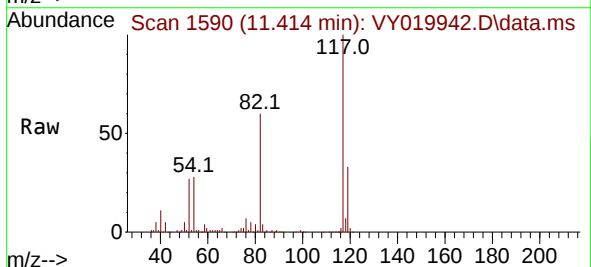
Instrument :
MSVOA_Y
ClientSampleId :

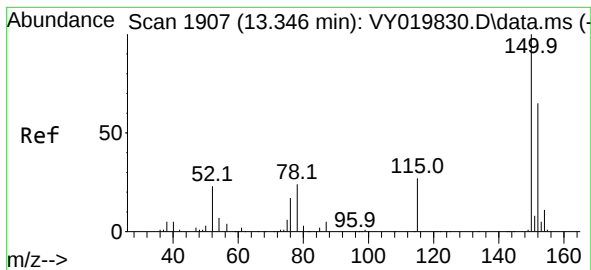
Tgt Ion: 95 Resp: 167235
Ion Ratio Lower Upper
95 100
174 73.3 0.0 175.6
176 71.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019942.D
Acq: 18 Oct 2024 10:31

Tgt Ion: 117 Resp: 417841
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 32.5 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: VY019942.D

Acq: 18 Oct 2024 10:31

Instrument :

MSVOA_Y

ClientSampleId :

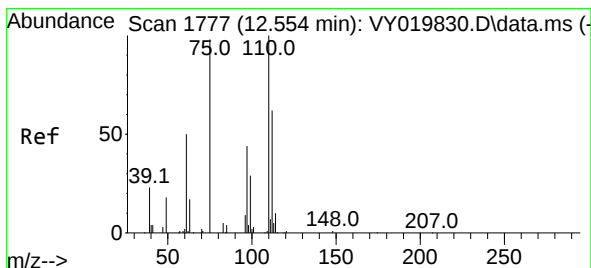
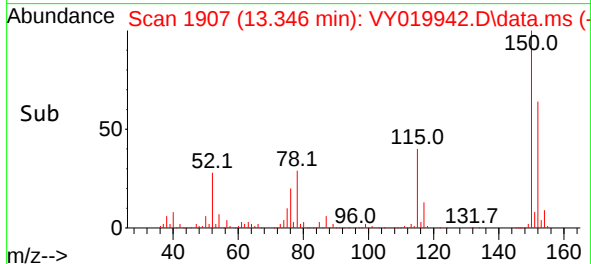
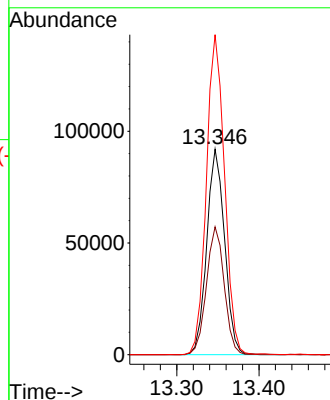
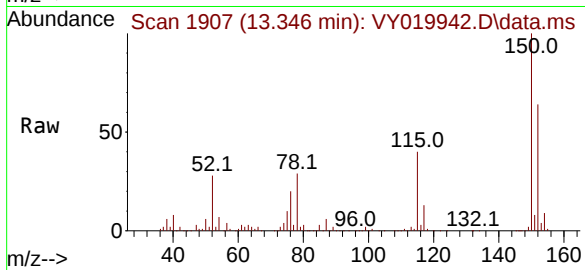
Tgt Ion:152 Resp: 138845

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 158.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 36.282 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019942.D

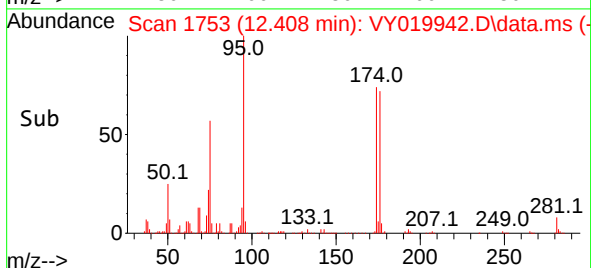
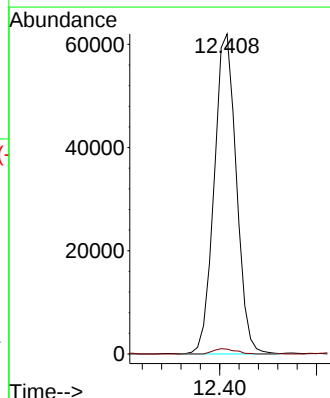
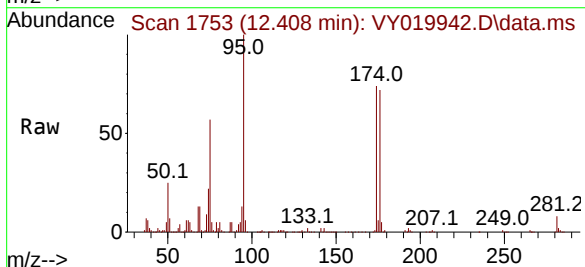
Acq: 18 Oct 2024 10:31

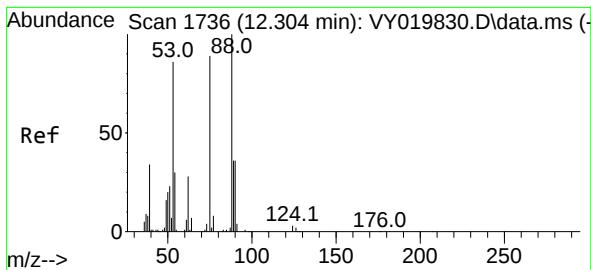
Tgt Ion: 75 Resp: 98686

Ion Ratio Lower Upper

75 100

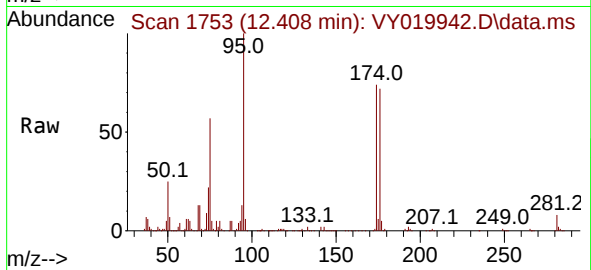
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.449 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019942.D
 Acq: 18 Oct 2024 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 98686
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.2 35.8 53.6#

