

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020161.D
 Acq On : 05 Nov 2024 12:58
 Operator : SY/MD
 Sample : P4680-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 00:24:24 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)

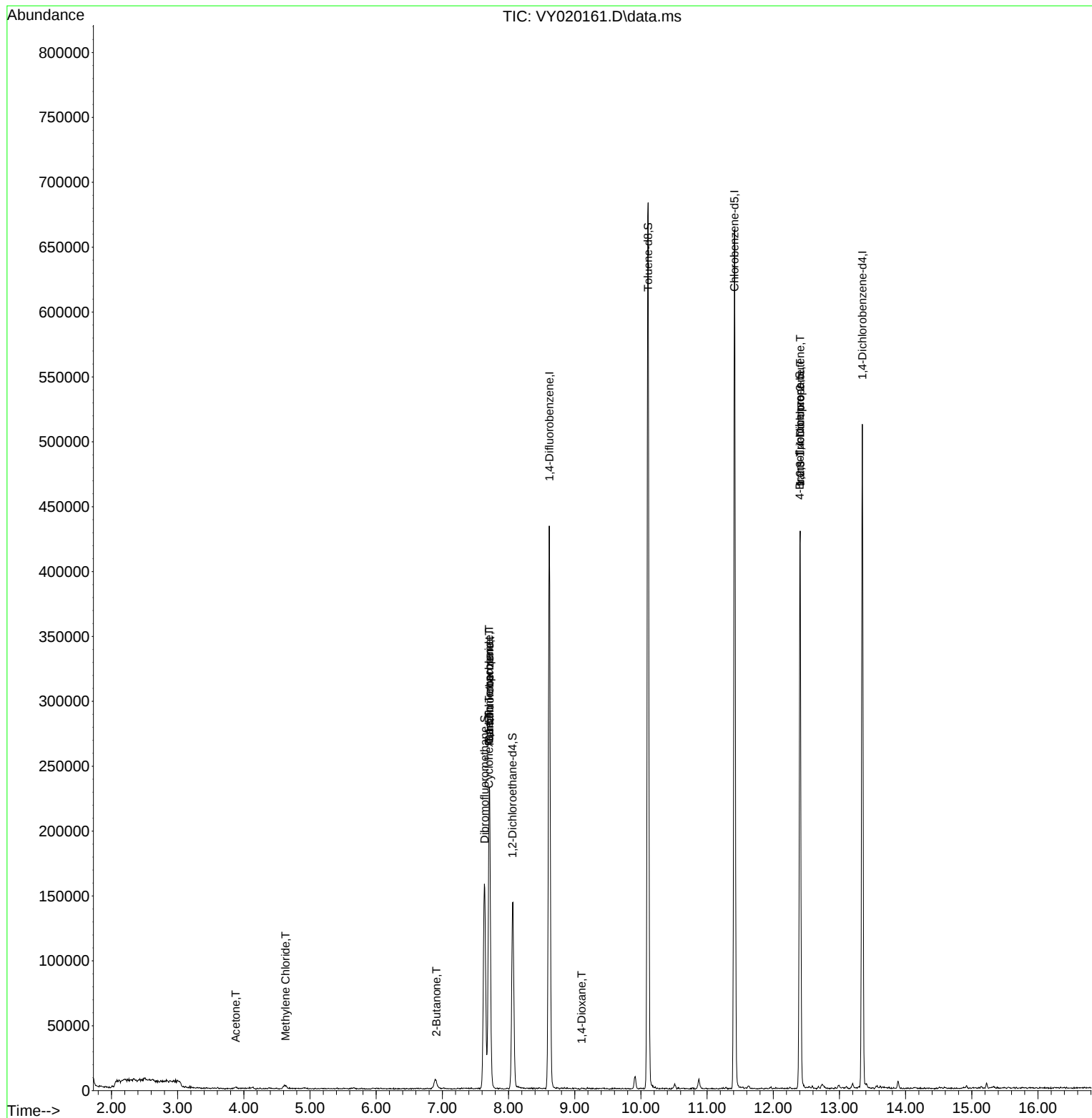
Internal Standards						
1) Pentafluorobenzene	7.713	168	163146	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	336629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	111615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112127	55.068	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 110.140%		
35) Dibromofluoromethane	7.640	113	110232	51.504	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 103.000%		
50) Toluene-d8	10.109	98	425681	49.967	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 99.940%		
62) 4-Bromofluorobenzene	12.401	95	126703	45.788	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 91.580%		
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	2156	4.553	ug/l #	50
20) Methylene Chloride	4.628	84	2151	1.011	ug/l #	72
25) 2-Butanone	6.909	43	783	1.220	ug/l #	87
31) Cyclohexane	7.701	56	5299	1.434	ug/l #	56
36) 1,1-Dichloropropene	7.707	75	15839	4.791	ug/l #	48
38) Carbon Tetrachloride	7.707	117	19594	5.893	ug/l #	17
49) 1,4-Dioxane	9.103	88	49	3.804	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	76476	73.094	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	76476	157.222	ug/l #	16

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

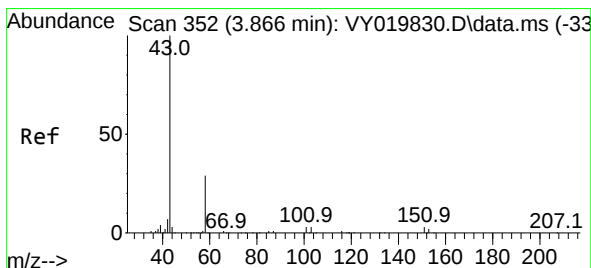
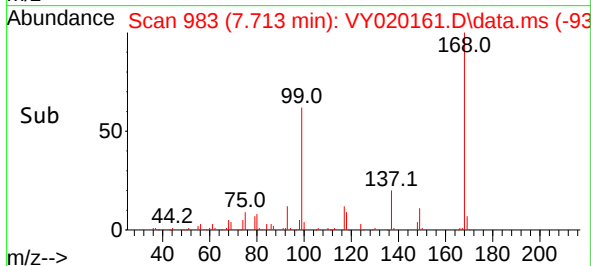
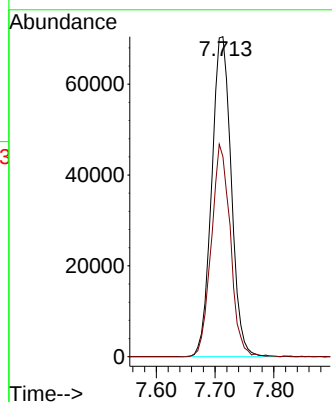
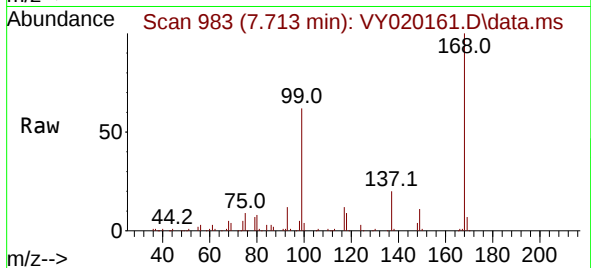




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020161.D
Acq: 05 Nov 2024 12:58

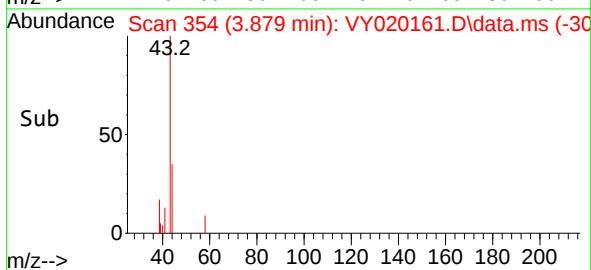
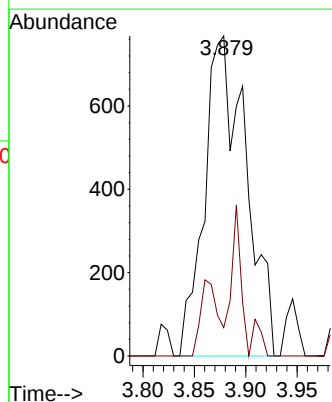
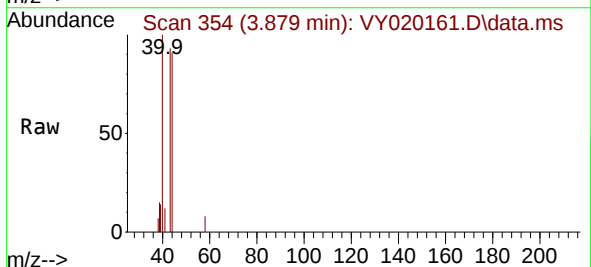
Instrument :
MSVOA_Y
ClientSampleId :

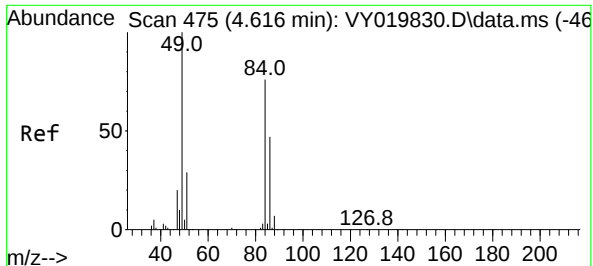
Tgt Ion:168 Resp: 163146
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#16
Acetone
Concen: 4.553 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020161.D
Acq: 05 Nov 2024 12:58

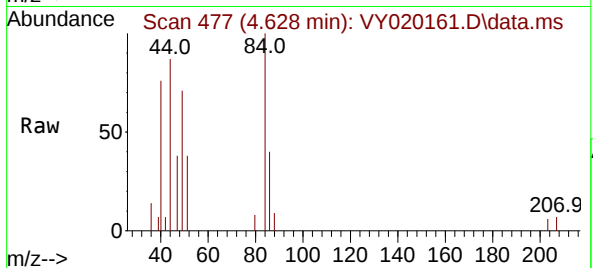
Tgt Ion: 43 Resp: 2156
Ion Ratio Lower Upper
43 100
58 8.9 31.7 47.5#



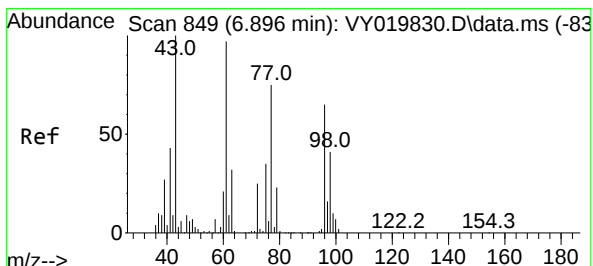
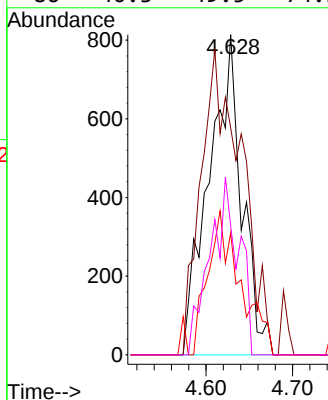
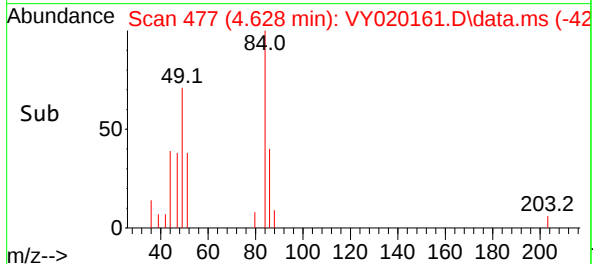


#20
Methylene Chloride
Concen: 1.011 ug/l
RT: 4.628 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY020161.D
Acq: 05 Nov 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :

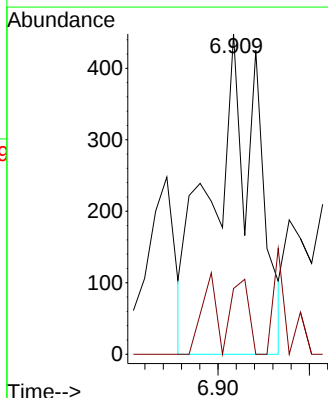
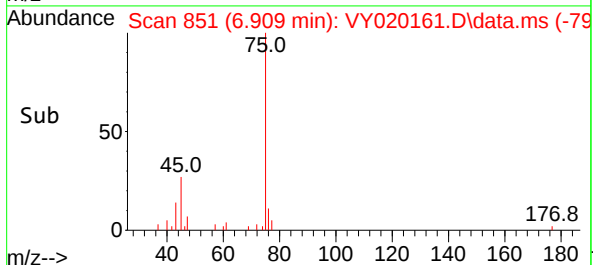
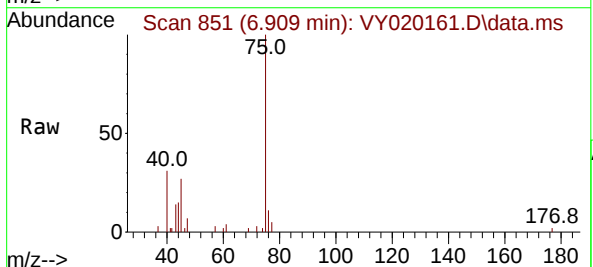


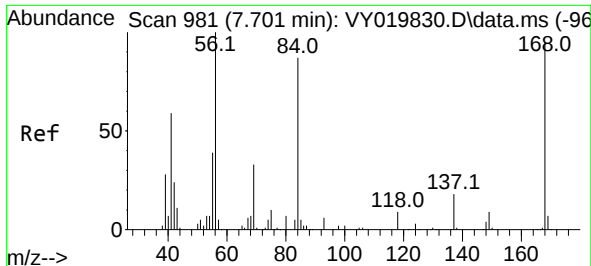
Tgt Ion:	84	Resp:	2151
Ion	Ratio	Lower	Upper
84	100		
49	70.9	84.4	126.6#
51	38.1	26.0	39.0
86	40.3	49.5	74.3#



#25
2-Butanone
Concen: 1.220 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.019 min
Lab File: VY020161.D
Acq: 05 Nov 2024 12:58

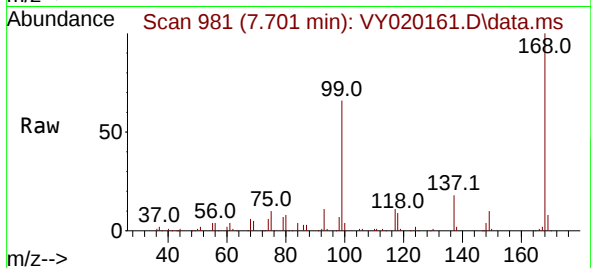
Tgt Ion:	43	Resp:	783
Ion	Ratio	Lower	Upper
43	100		
72	26.6	27.3	40.9#



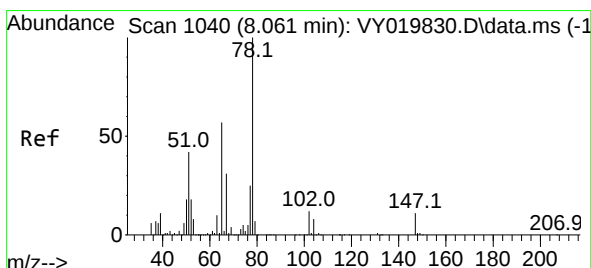
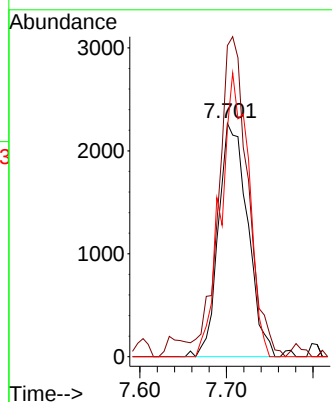
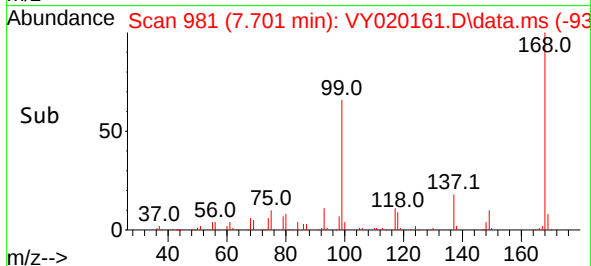


#31
Cyclohexane
Concen: 1.434 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020161.D
Acq: 05 Nov 2024 12:58

Instrument :
MSVOA_Y
ClientSampleId :

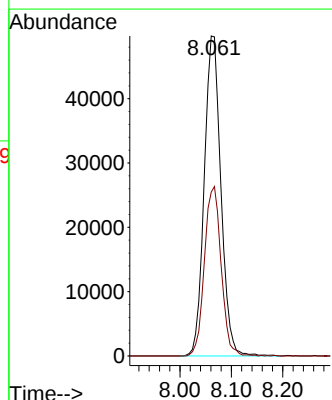
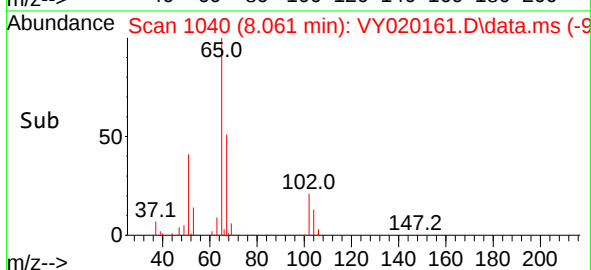
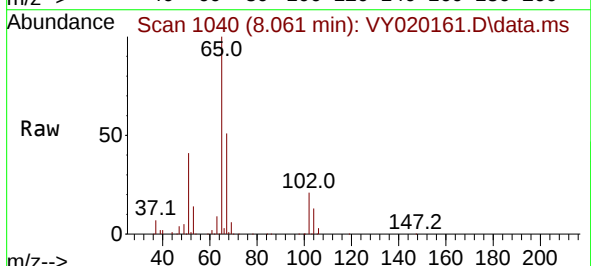


Tgt Ion: 56 Resp: 5299
Ion Ratio Lower Upper
56 100
69 130.7 28.7 43.1#
84 97.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.068 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020161.D
Acq: 05 Nov 2024 12:58

Tgt Ion: 65 Resp: 112127
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6

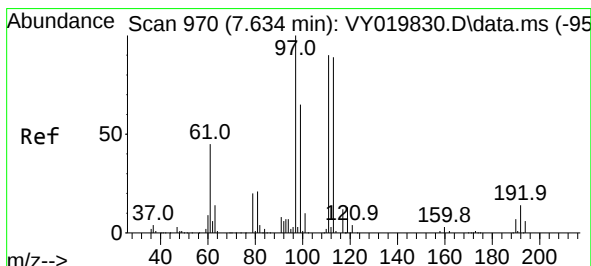
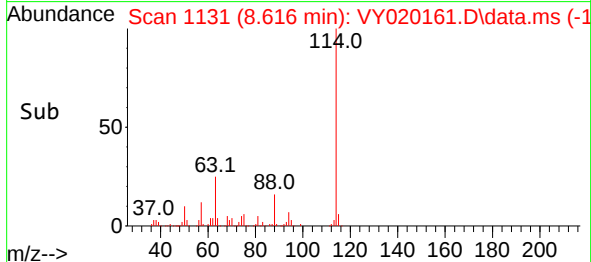
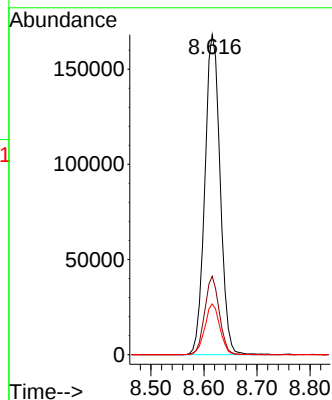
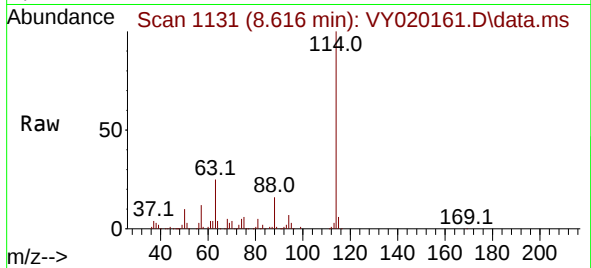




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020161.D
Acq: 05 Nov 2024 12:58

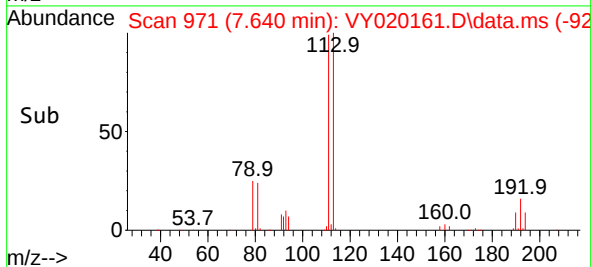
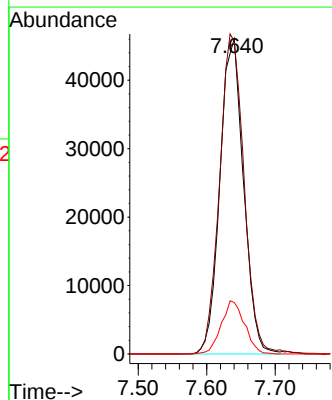
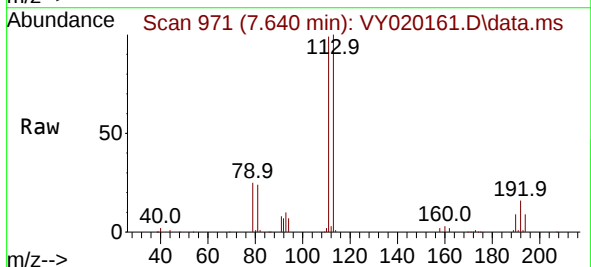
Instrument :
MSVOA_Y
ClientSampleId :

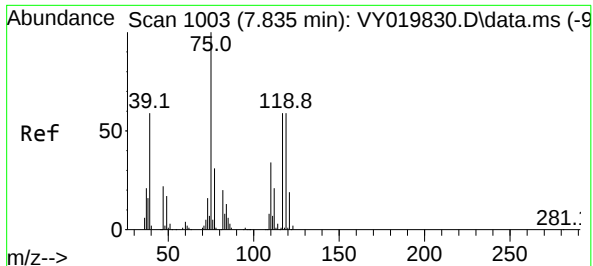
Tgt Ion:114 Resp: 336629
Ion Ratio Lower Upper
114 100
63 24.5 0.0 35.0
88 15.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.504 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020161.D
Acq: 05 Nov 2024 12:58

Tgt Ion:113 Resp: 110232
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 16.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.791 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY020161.D

Acq: 05 Nov 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

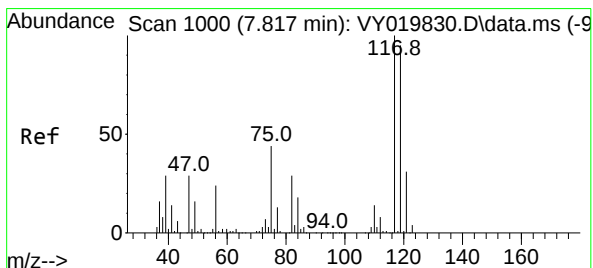
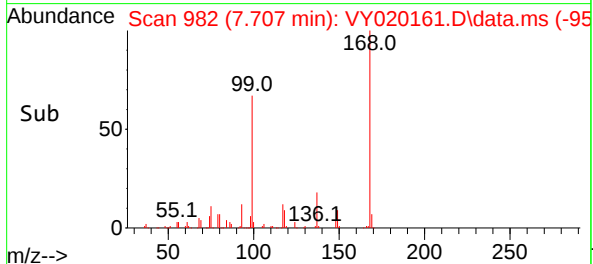
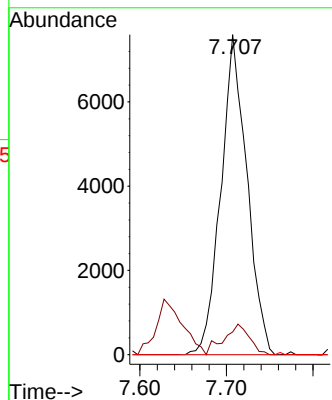
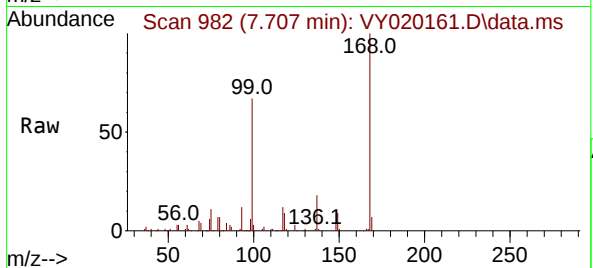
Tgt Ion: 75 Resp: 15839

Ion Ratio Lower Upper

75 100

110 9.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.893 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020161.D

Acq: 05 Nov 2024 12:58

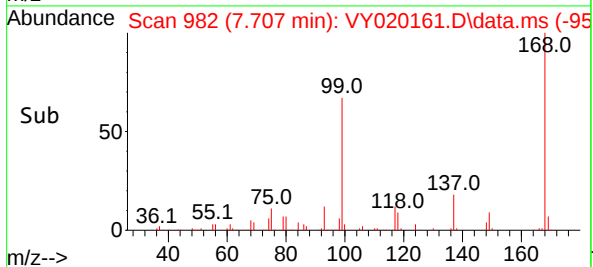
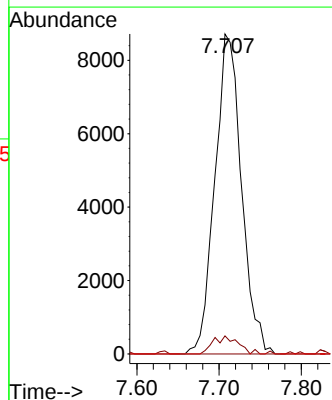
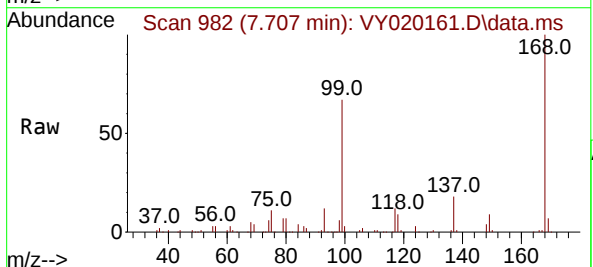
Tgt Ion: 117 Resp: 19594

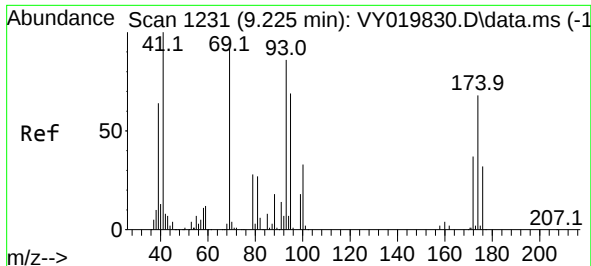
Ion Ratio Lower Upper

117 100

119 5.7 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 3.804 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.128 min

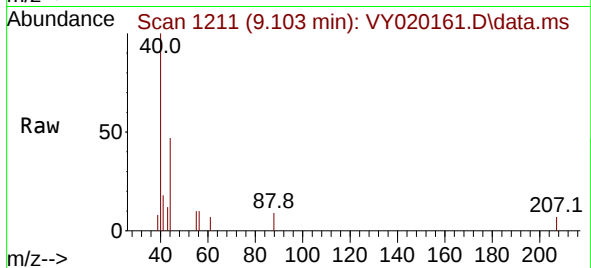
Lab File: VY020161.D

Acq: 05 Nov 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :



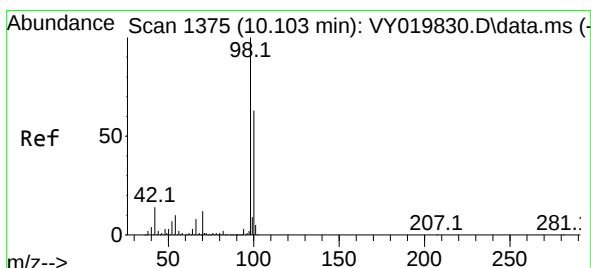
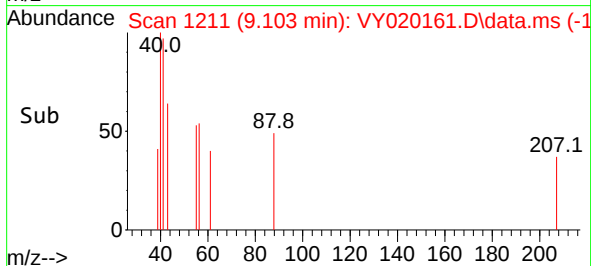
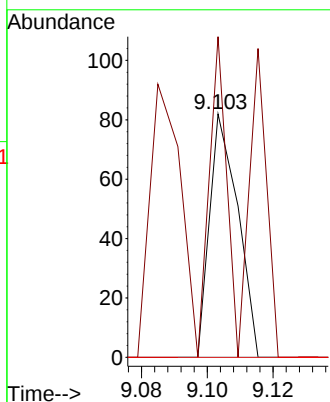
Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

43 159.2 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 49.967 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020161.D

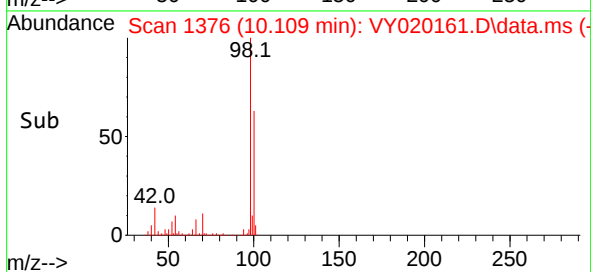
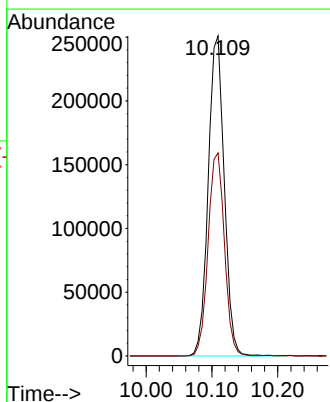
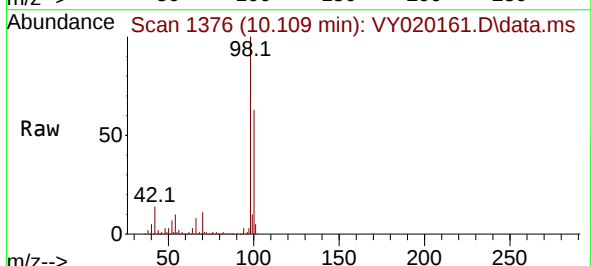
Acq: 05 Nov 2024 12:58

Tgt Ion: 98 Resp: 425681

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

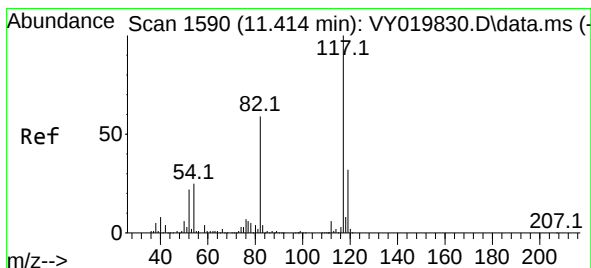
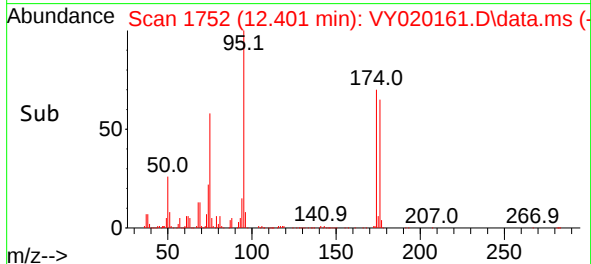
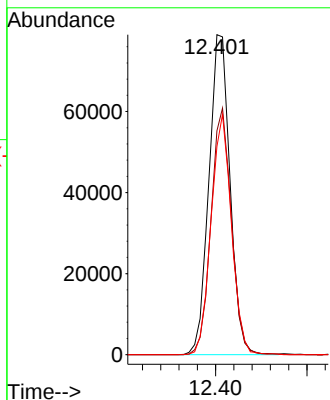
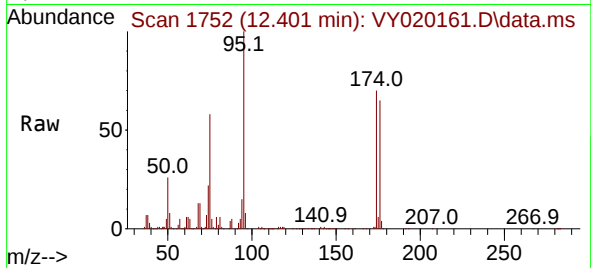




#62
4-Bromofluorobenzene
Concen: 45.788 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020161.D
Acq: 05 Nov 2024 12:58

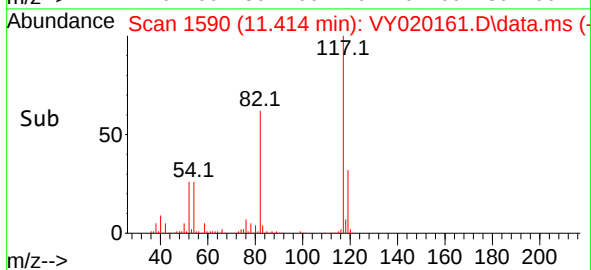
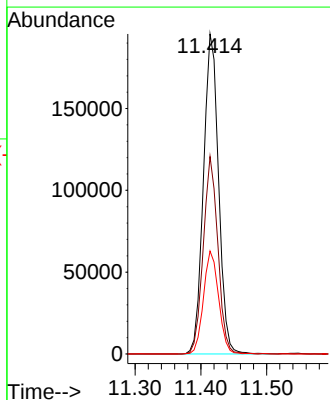
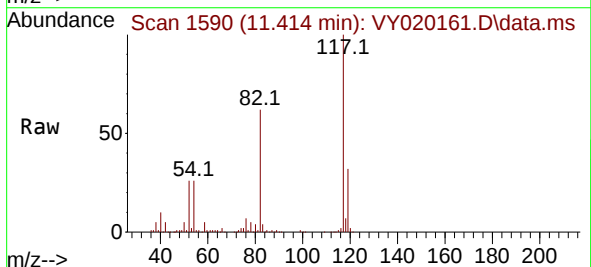
Instrument :
MSVOA_Y
ClientSampleId :

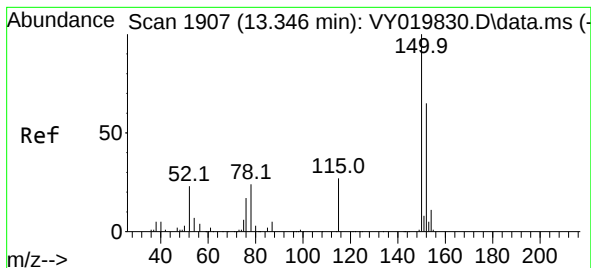
Tgt Ion: 95 Resp: 126703
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 72.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020161.D
Acq: 05 Nov 2024 12:58

Tgt Ion: 117 Resp: 313566
Ion Ratio Lower Upper
117 100
82 61.7 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: VY020161.D

Acq: 05 Nov 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

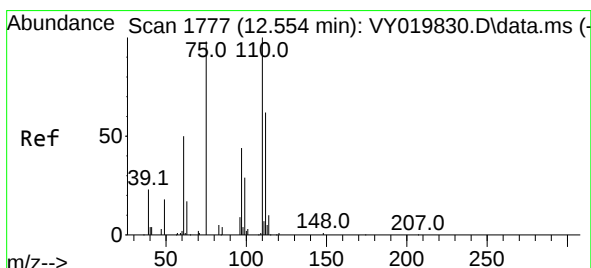
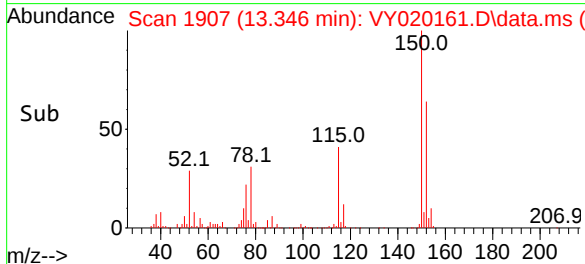
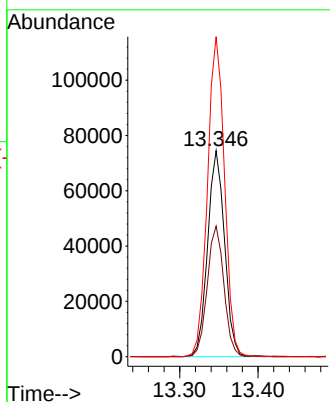
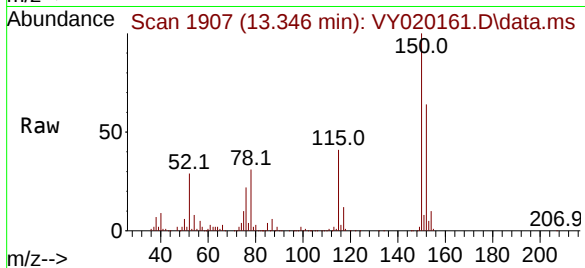
Tgt Ion:152 Resp: 111615

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 156.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 73.094 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020161.D

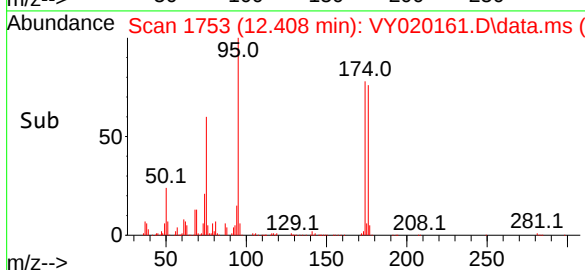
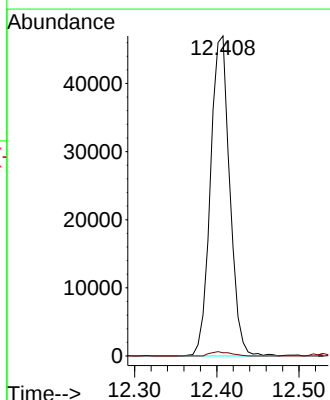
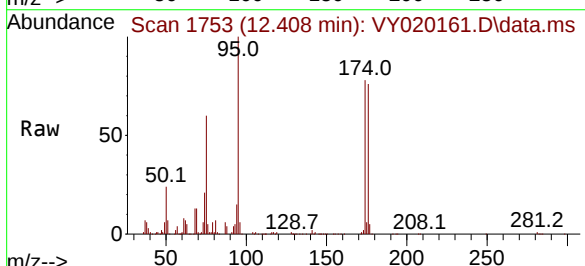
Acq: 05 Nov 2024 12:58

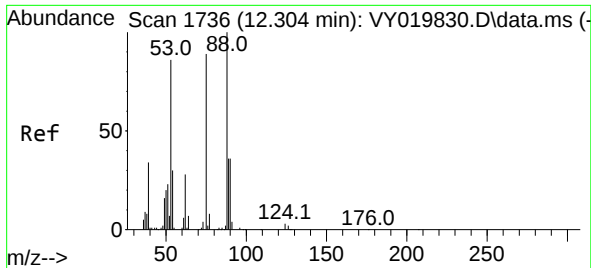
Tgt Ion: 75 Resp: 76476

Ion Ratio Lower Upper

75 100

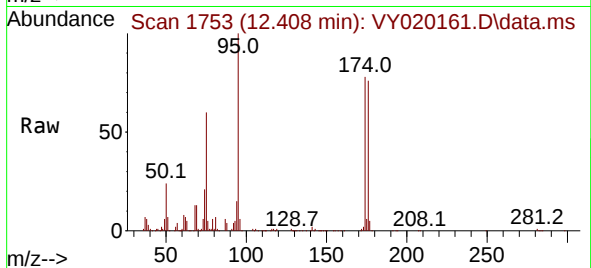
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.222 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020161.D
 Acq: 05 Nov 2024 12:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 76476
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#

