

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002373.D
 Acq On : 16 Apr 2020 17:31
 Operator : SY/MD
 Sample : L2307-02
 Misc : 5.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:06:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

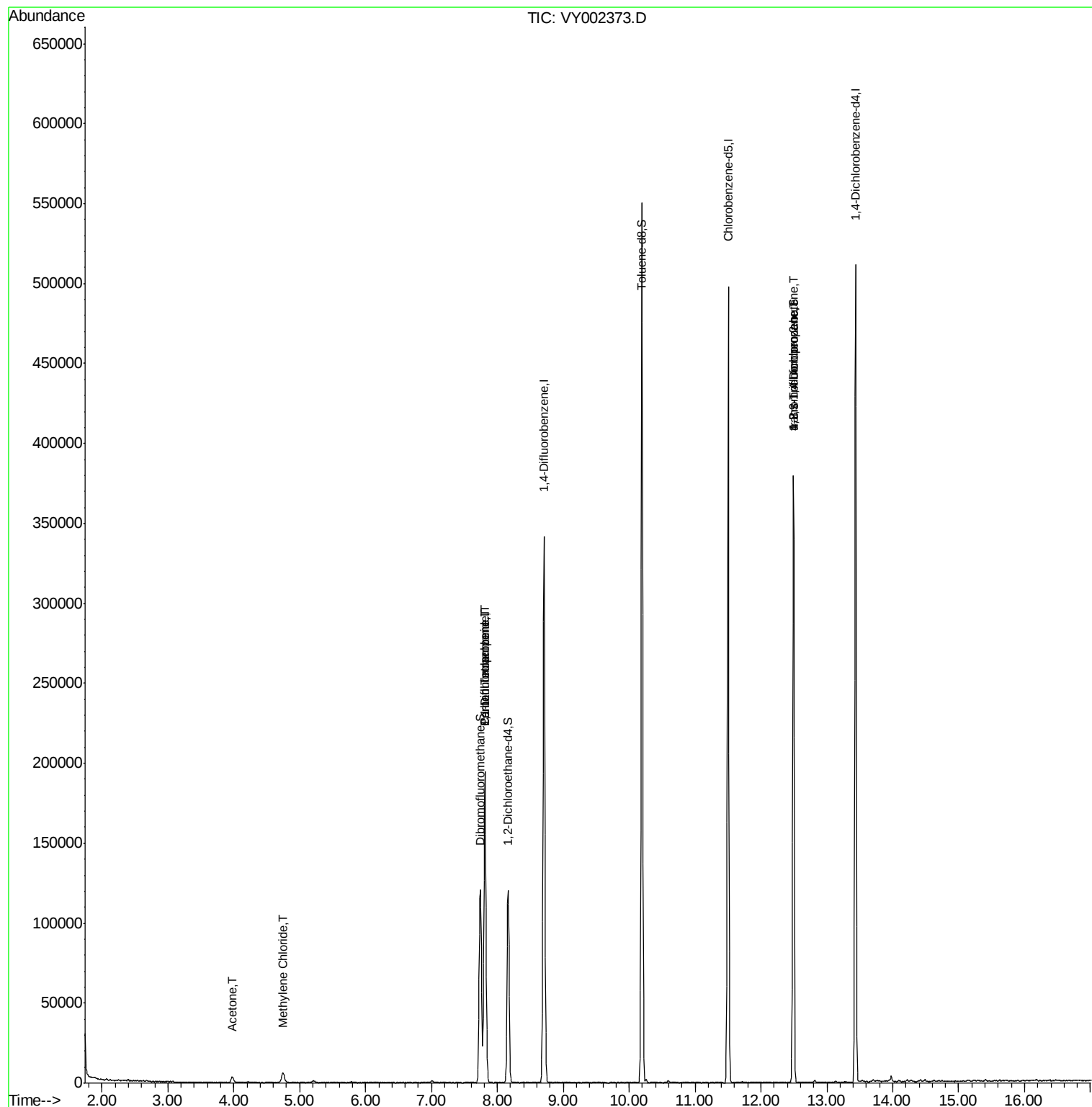
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	149585	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	303469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	283186	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	126504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87909	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	7.74	113	89653	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	10.19	98	366255	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.49	95	124935	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	6632	15.137	ug/l	96
20) Methylene Chloride	4.75	84	5109	2.372	ug/l #	92
36) 1,1-Dichloropropene	7.81	75	12349	4.131	ug/l #	49
38) Carbon Tetrachloride	7.81	117	15162	5.930	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	60372	41.098	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	60372	79.934	ug/l #	19

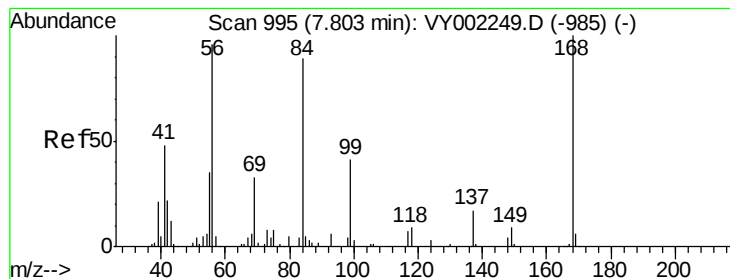
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002373.D

Acq: 16 Apr 2020 17:31

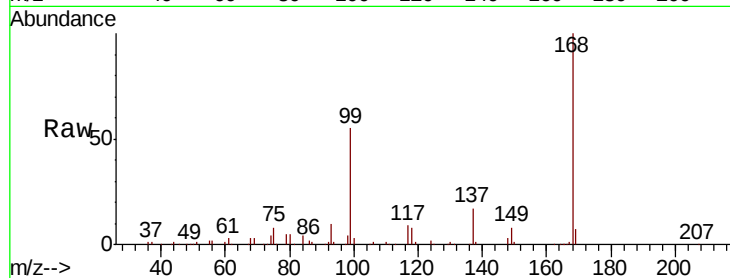
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 149585

Ion Ratio Lower Upper

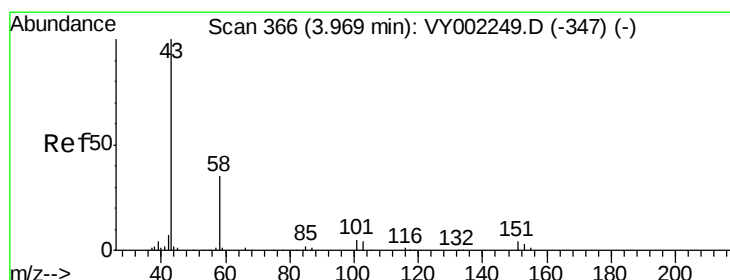
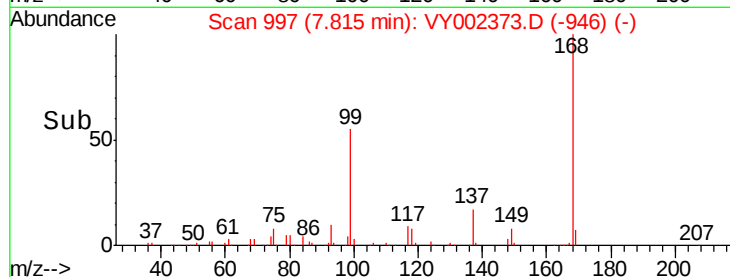
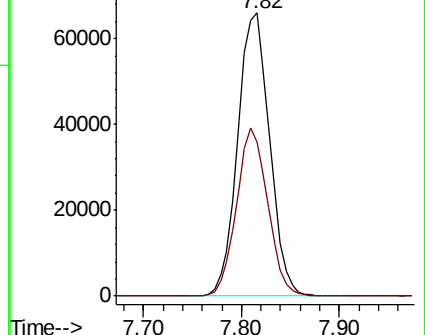
168 100

99 54.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 15.137 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002373.D

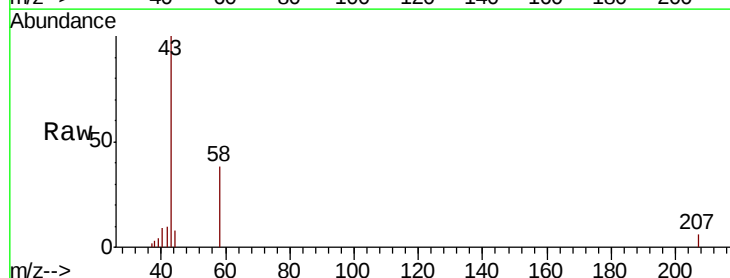
Acq: 16 Apr 2020 17:31

Tgt Ion: 43 Resp: 6632

Ion Ratio Lower Upper

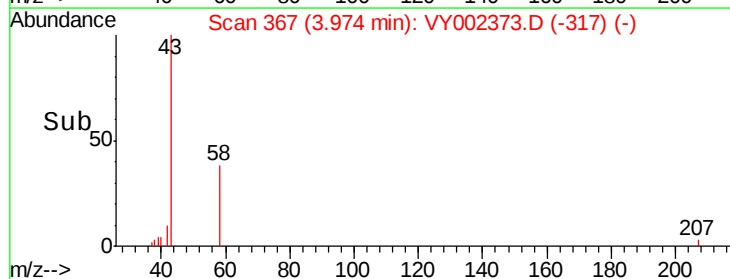
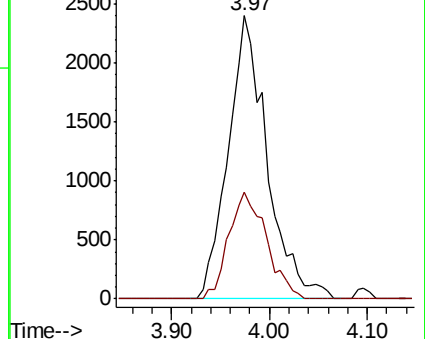
43 100

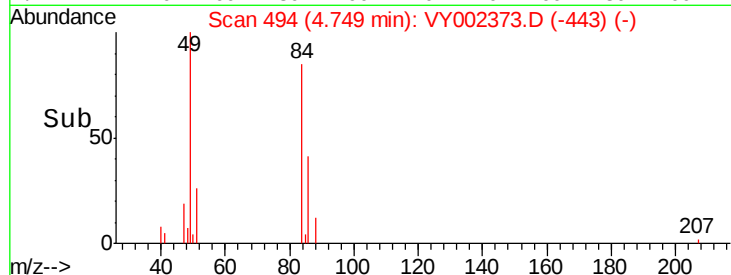
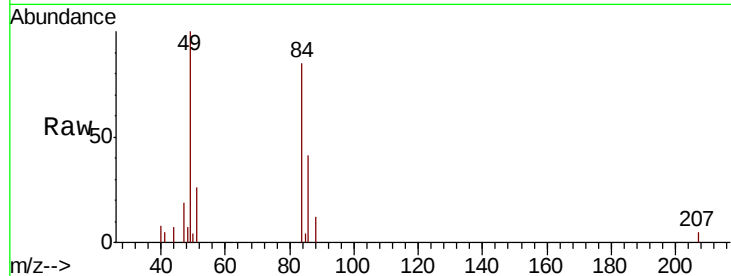
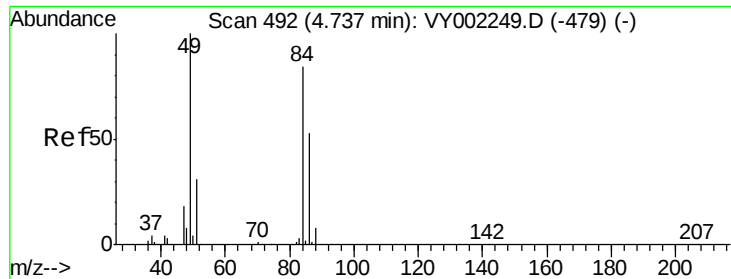
58 37.7 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

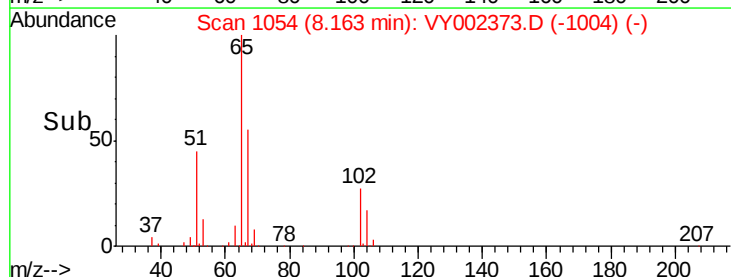
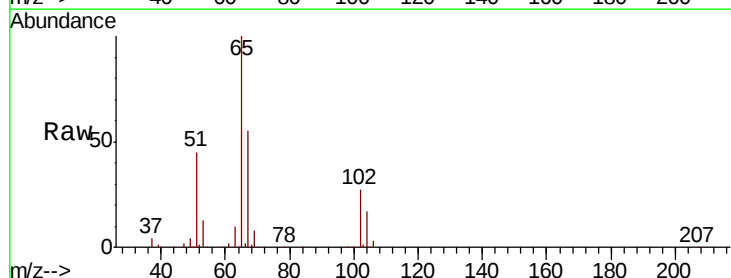
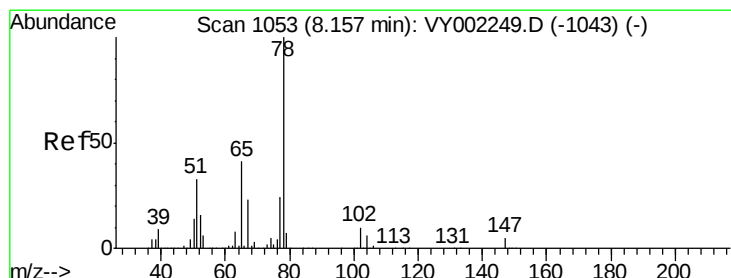
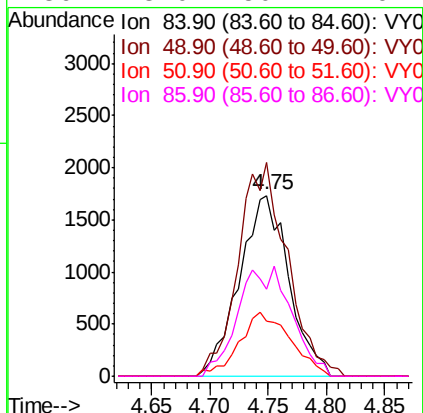




#20
Methvlene Chloride
Concen: 2.372 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002373.D
Acq: 16 Apr 2020 17:31

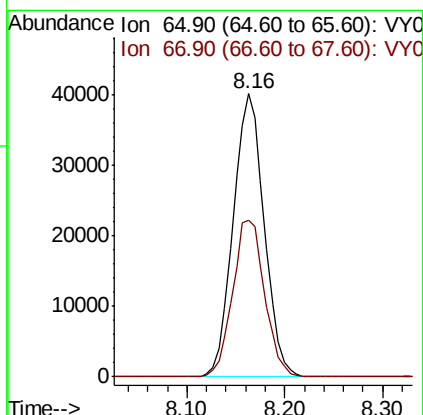
Instrument :
MSVOA_Y
ClientSampleId :

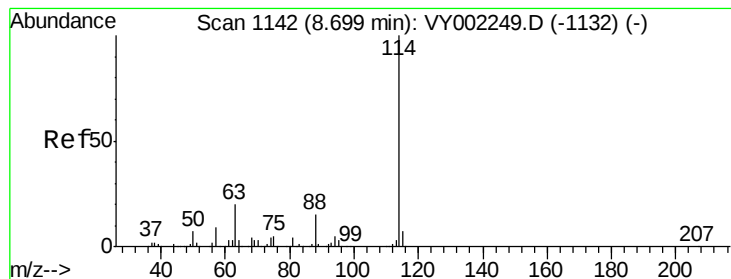
Tot Ion: 84 Resp: 5109
Ion Ratio Lower Upper
84 100
49 118.3 95.5 143.3
51 30.4 29.5 44.3
86 48.0 50.7 76.1#



#33
1,2-Dichloroethane-d4
Concen: 52.846 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002373.D
Acq: 16 Apr 2020 17:31

Tgt Ion: 65 Resp: 87909
Ion Ratio Lower Upper
65 100
67 57.2 0.0 114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002373.D

Acq: 16 Apr 2020 17:31

Instrument :

MSVOA_Y

ClientSampleId :

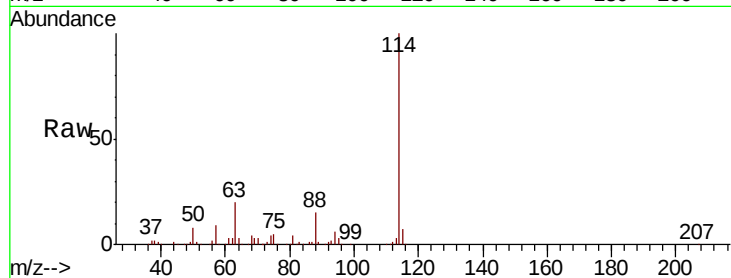
Tot Ion:114 Resp: 303469

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

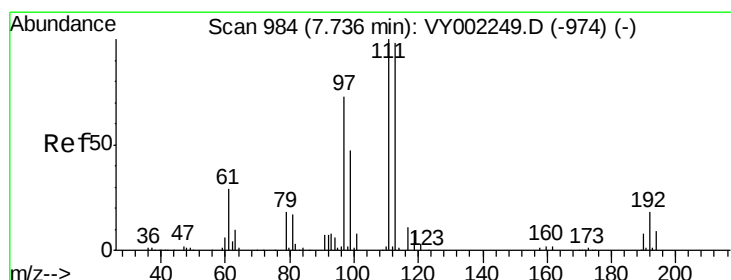
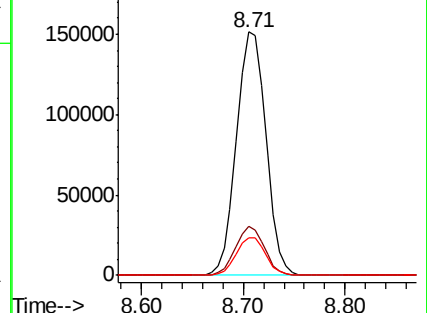
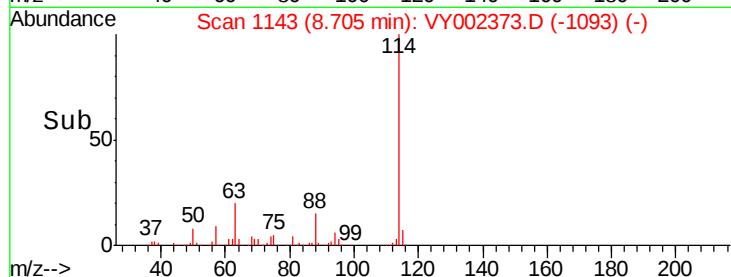
88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 49.649 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002373.D

Acq: 16 Apr 2020 17:31

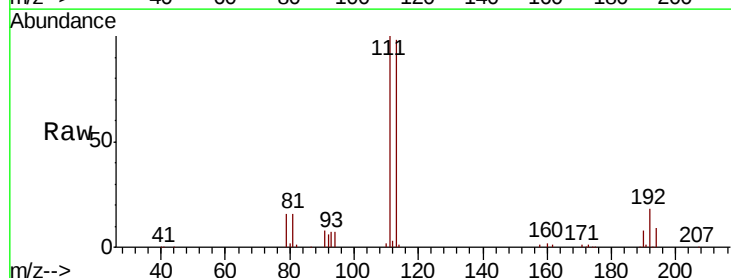
Tgt Ion:113 Resp: 89653

Ion Ratio Lower Upper

113 100

111 103.3 83.5 125.3

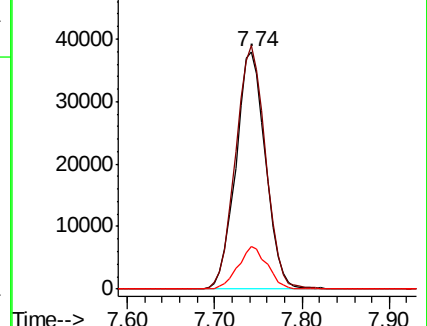
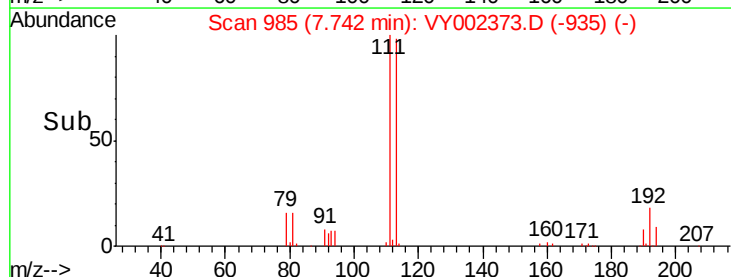
192 17.6 14.7 22.1

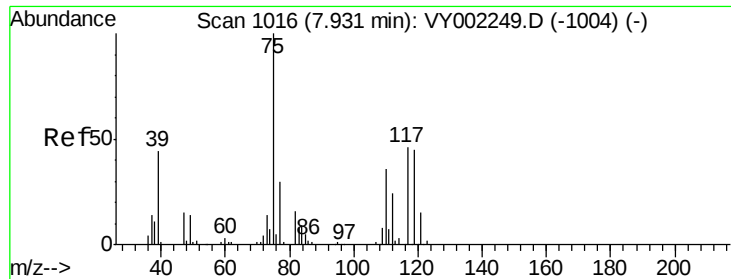


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

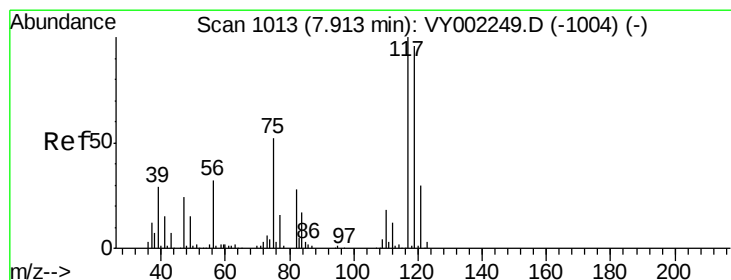
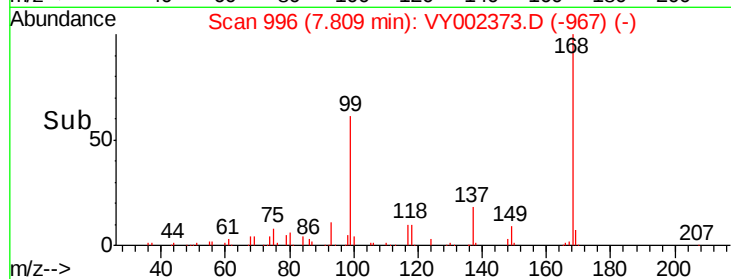
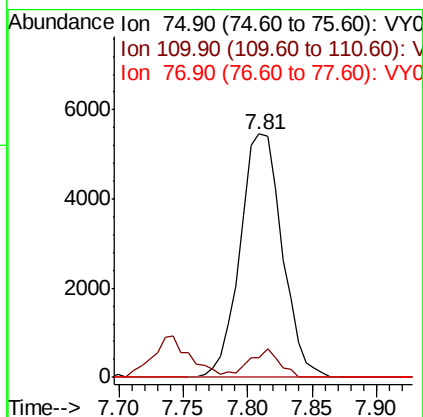
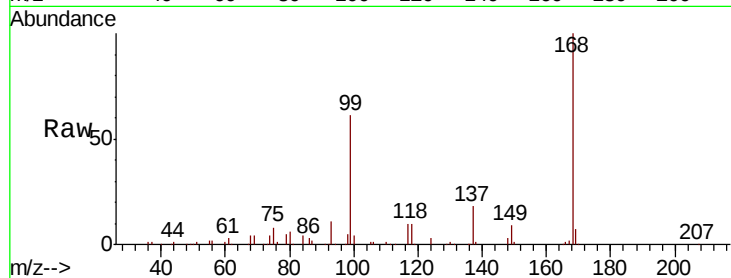




#36
 1,1-Dichloropropene
 Concen: 4.131 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002373.D
 Acq: 16 Apr 2020 17:31

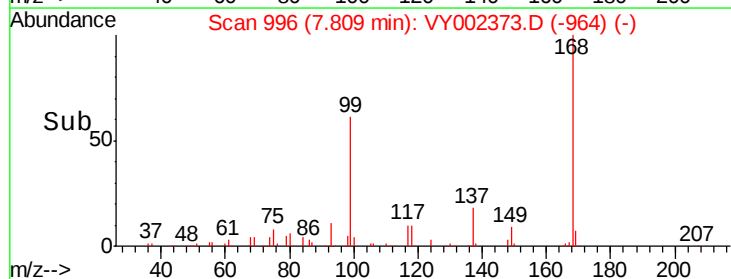
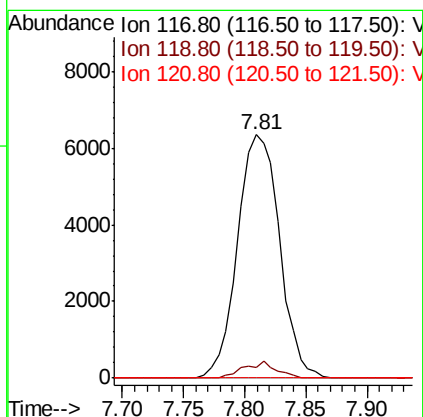
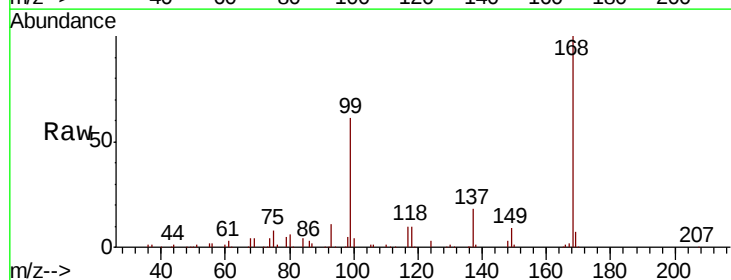
Instrument :
 MSVOA_Y
 ClientSampleId :

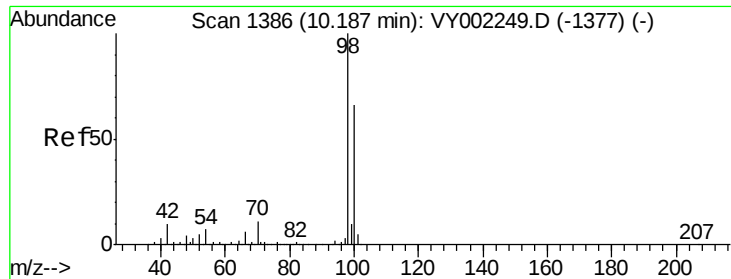
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.930 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.10 min
 Lab File: VY002373.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.459 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002373.D

Acq: 16 Apr 2020 17:31

Instrument :

MSVOA_Y

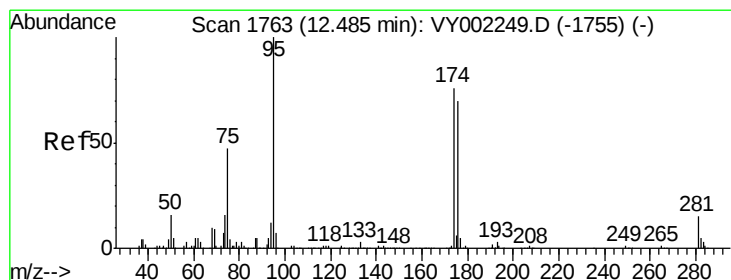
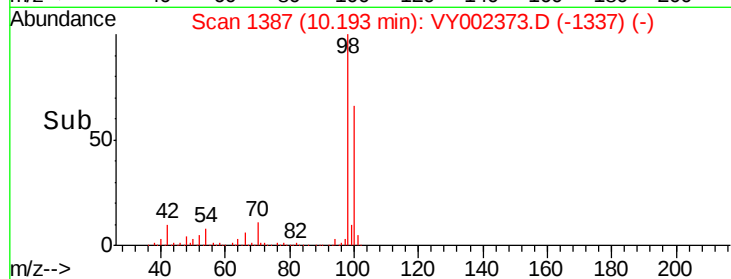
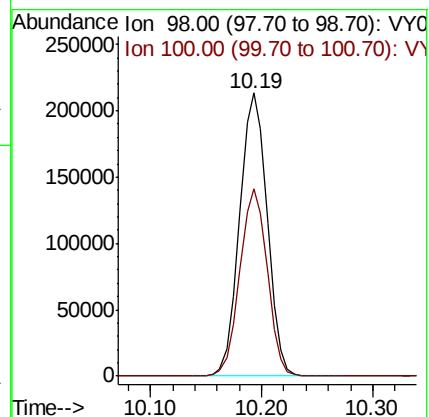
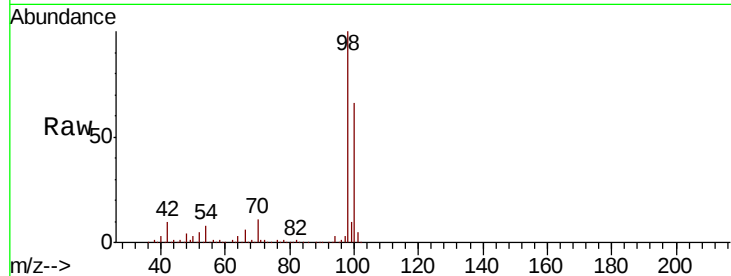
ClientSampleId :

Tot Ion: 98 Resp: 366255

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.104 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002373.D

Acq: 16 Apr 2020 17:31

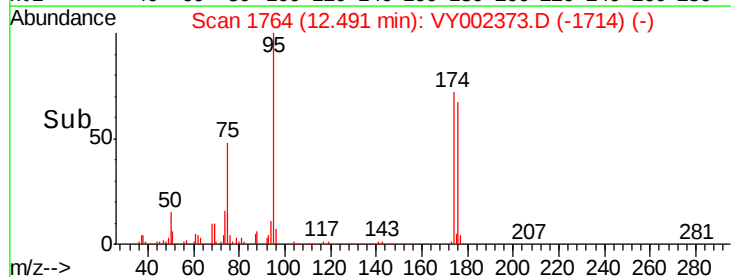
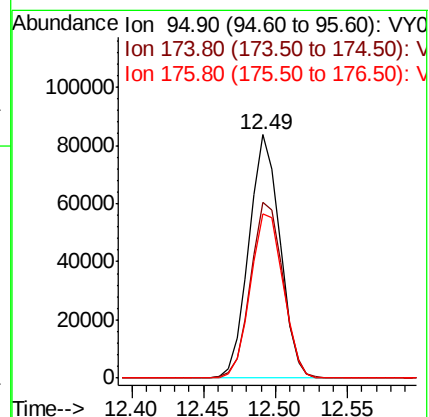
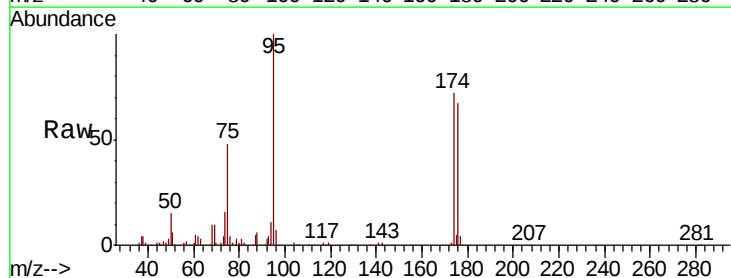
Tgt Ion: 95 Resp: 124935

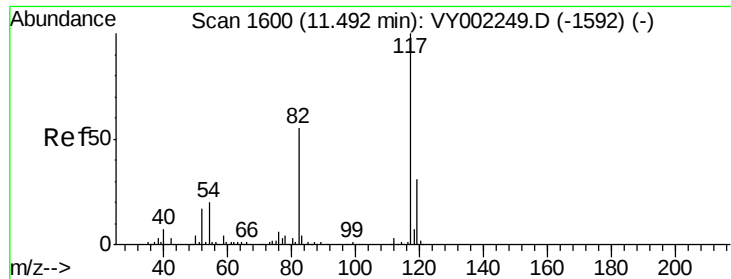
Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.6

176 71.2 0.0 141.4

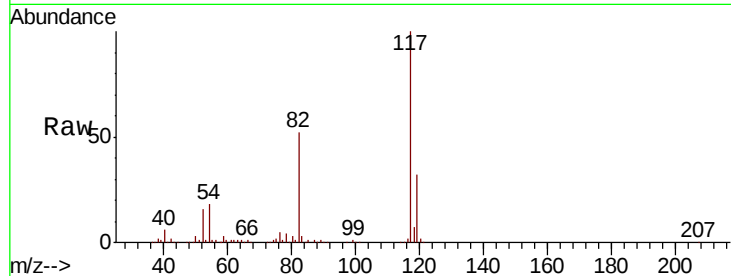




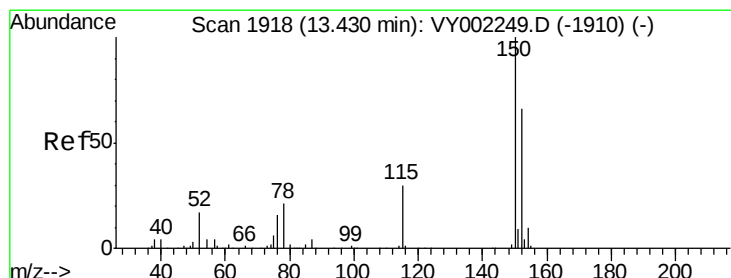
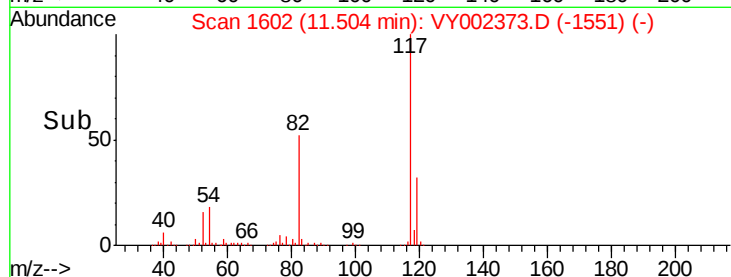
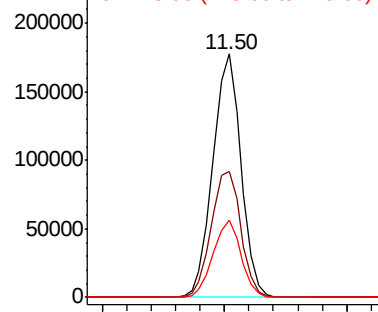
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002373.D
Acq: 16 Apr 2020 17:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	44.2	66.4
119	31.7	25.1	37.7

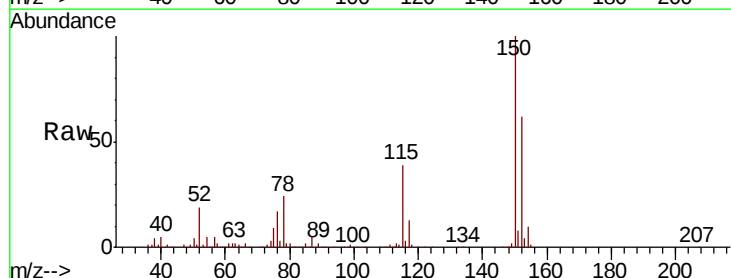


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

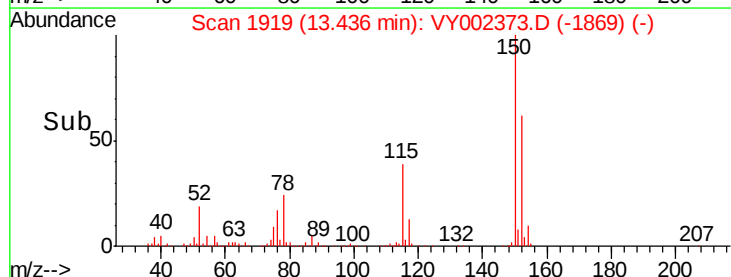
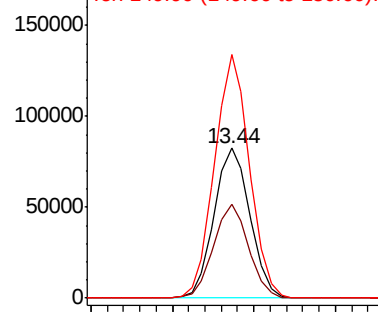


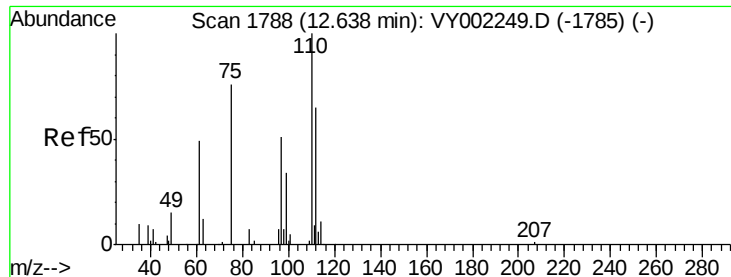
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002373.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.7	92.1
150	157.1	0.0	350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 41.098 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002373.D

Acq: 16 Apr 2020 17:31

Instrument :

MSVOA_Y

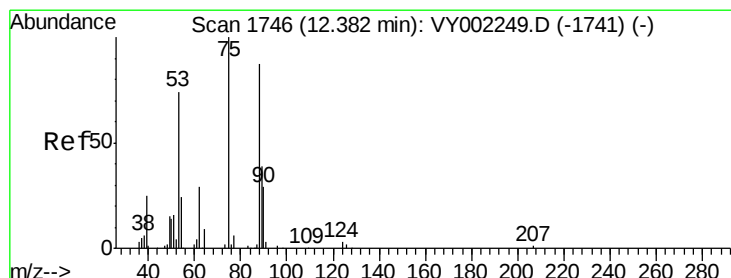
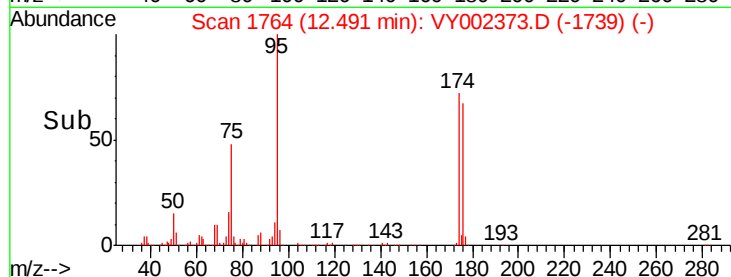
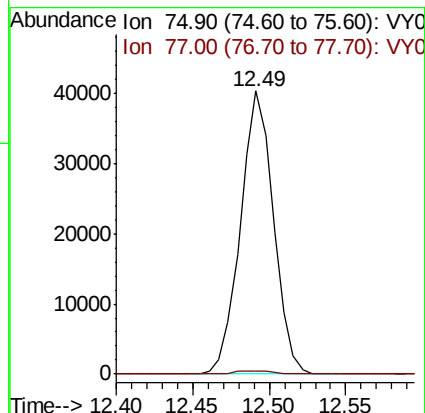
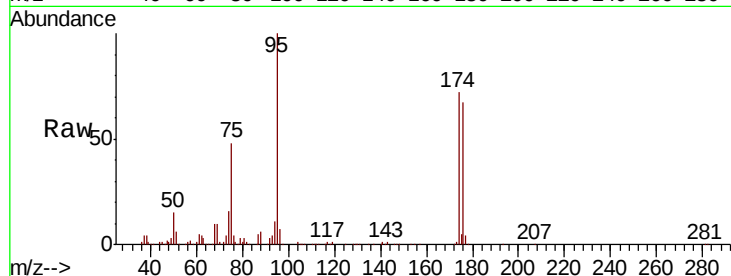
ClientSampleId :

Tot Ion: 75 Resp: 60372

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.934 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.11 min

Lab File: VY002373.D

Acq: 16 Apr 2020 17:31

Tgt Ion: 75 Resp: 60372

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.0 37.0 55.6#

