

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002924.D
 Acq On : 18 Jun 2020 17:12
 Operator : SY/MD
 Sample : L3056-01
 Misc : 5.20G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 19 05:06:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

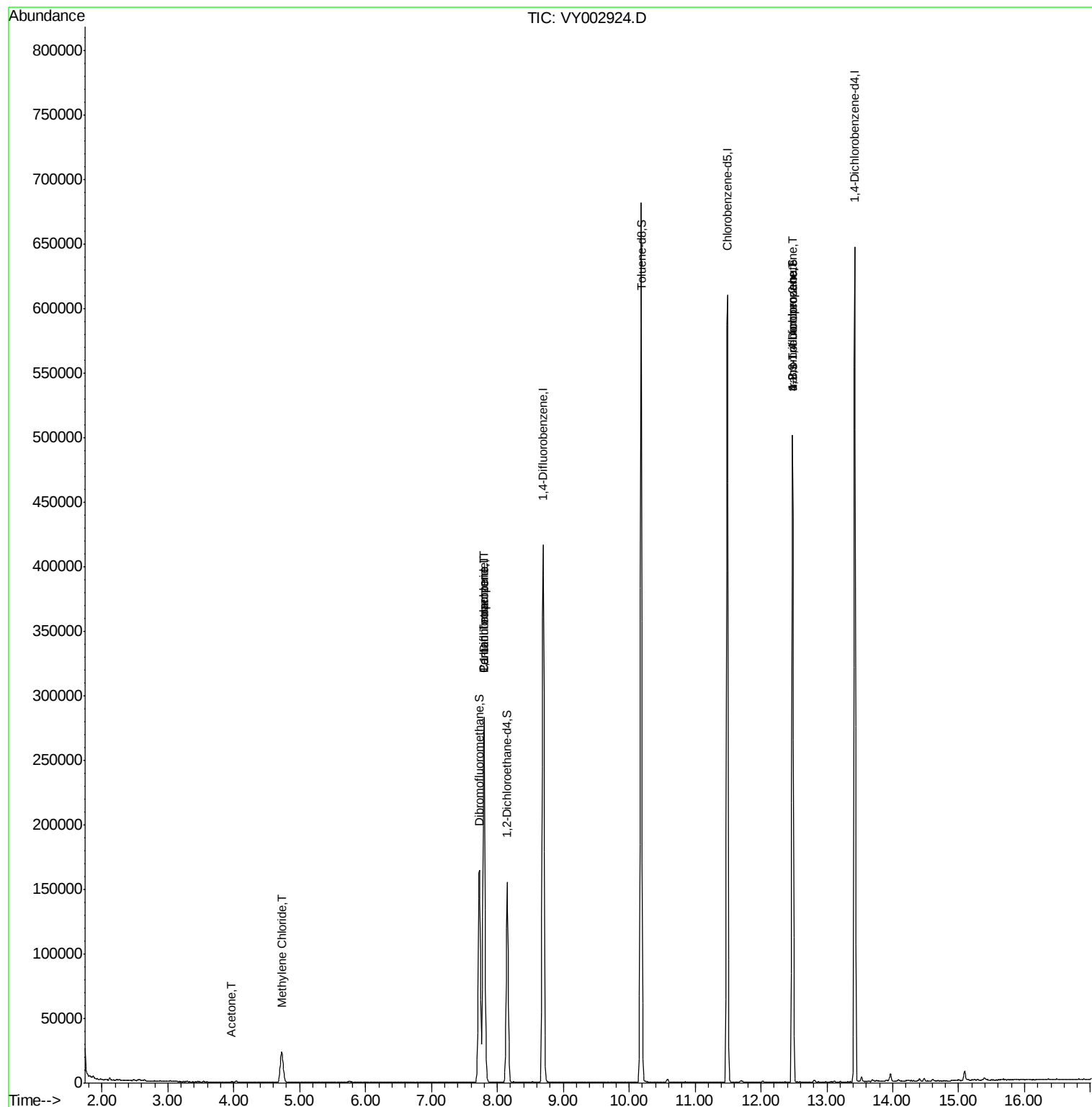
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	382718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	359096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	173042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	120724	58.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.96%	
35) Dibromofluoromethane	7.73	113	119389	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
50) Toluene-d8	10.18	98	452847	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.48	95	149654	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	598	1.246	ug/l #	69
18) Methyl Acetate	4.51	43	549	Below Cal	#	63
20) Methylene Chloride	4.72	84	20145	8.589	ug/l	98
36) 1,1-Dichloropropene	7.80	75	14657	4.546	ug/l #	49
38) Carbon Tetrachloride	7.80	117	20994	5.862	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	71270	45.709	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	71270	86.115	ug/l #	17

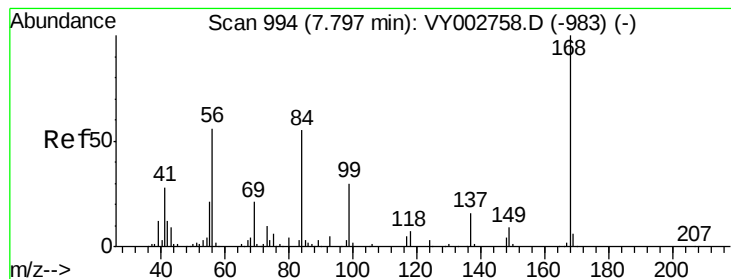
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002924.D

Acq: 18 Jun 2020 17:12

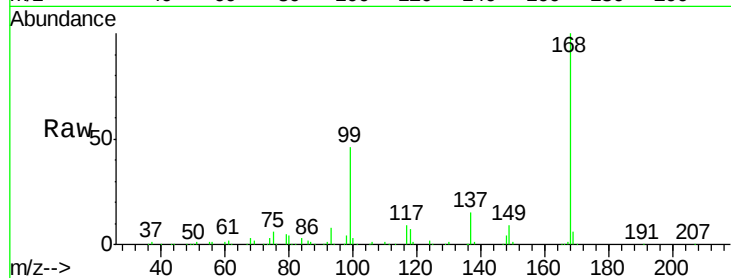
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 235719

Ion Ratio Lower Upper

168 100

99 46.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

120000

100000

80000

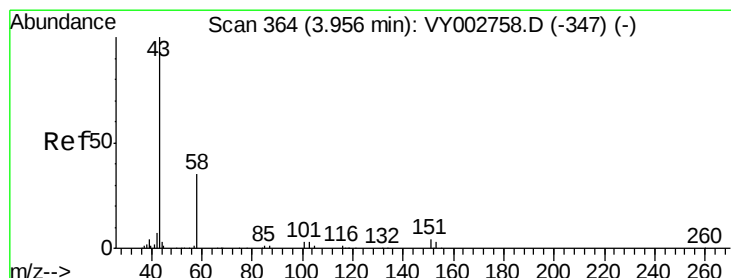
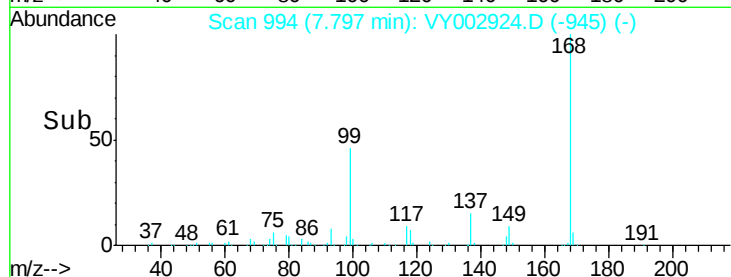
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.246 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002924.D

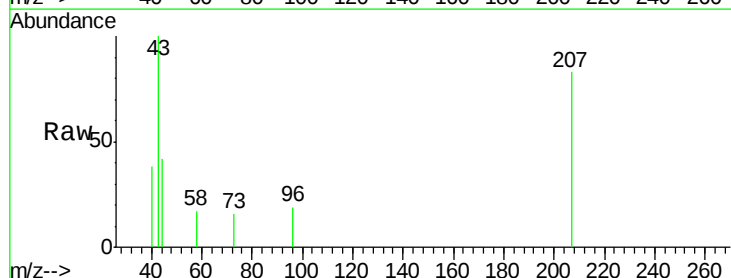
Acq: 18 Jun 2020 17:12

Tgt Ion: 43 Resp: 598

Ion Ratio Lower Upper

43 100

58 16.9 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-347) (-)

3.97

400

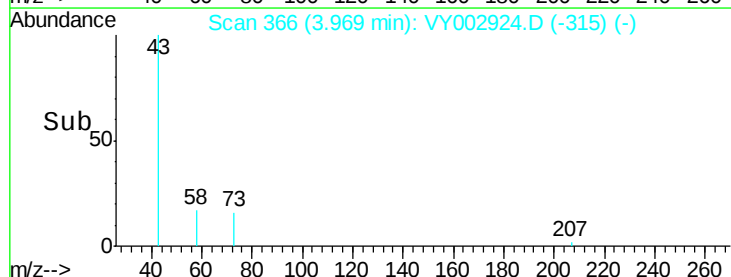
300

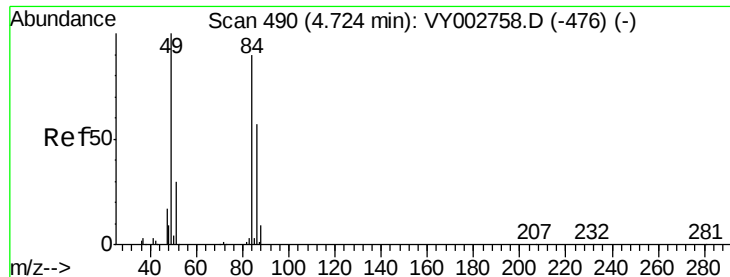
200

100

0

Time-->

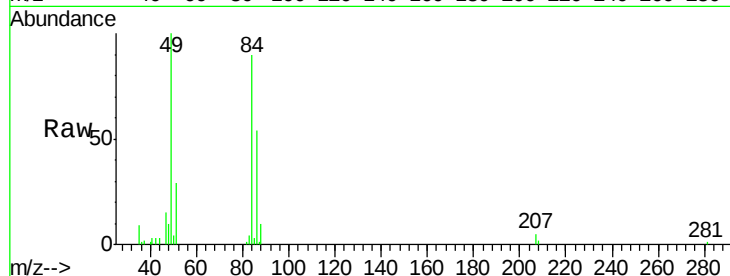




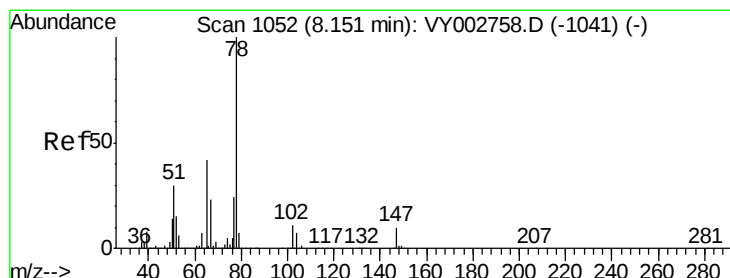
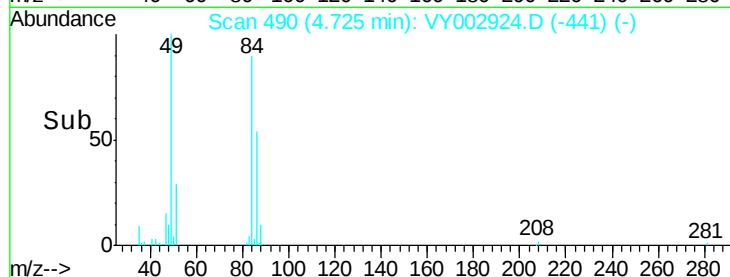
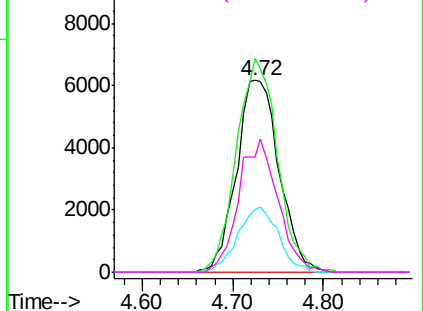
#20
Methvlene Chloride
Concen: 8.589 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002924.D
Acq: 18 Jun 2020 17:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 84 Resp: 20145
Ion Ratio Lower Upper
84 100
49 111.4 88.5 132.7
51 32.5 26.8 40.2
86 60.3 50.6 75.8

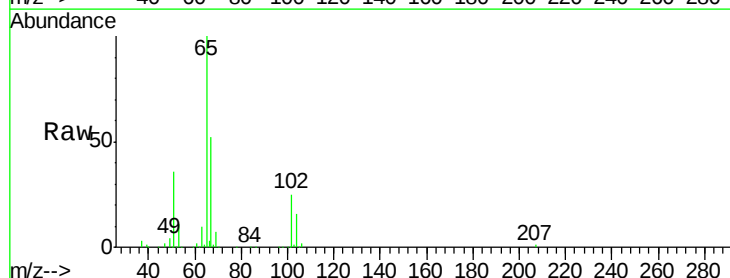


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

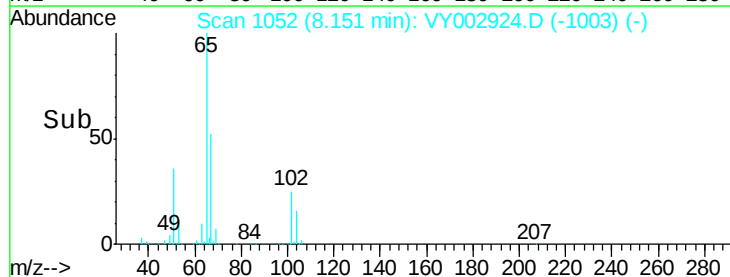
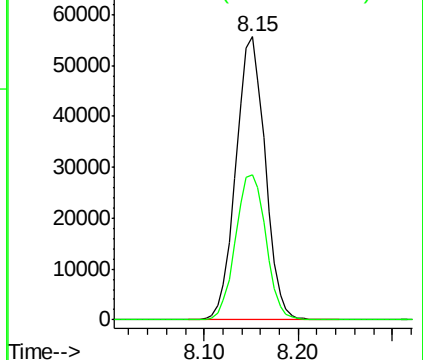


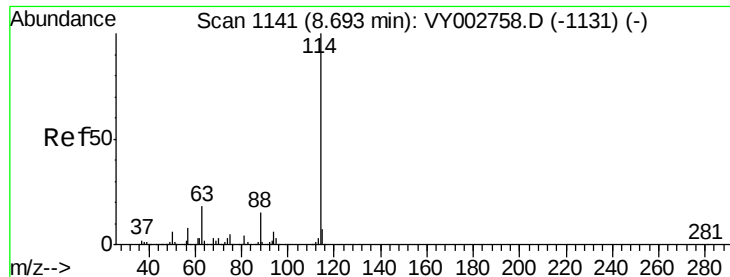
#33
1,2-Dichloroethane-d4
Concen: 58.985 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002924.D
Acq: 18 Jun 2020 17:12

Tgt Ion: 65 Resp: 120724
Ion Ratio Lower Upper
65 100
67 53.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002924.D

Acq: 18 Jun 2020 17:12

Instrument :

MSVOA_Y

ClientSampleId :

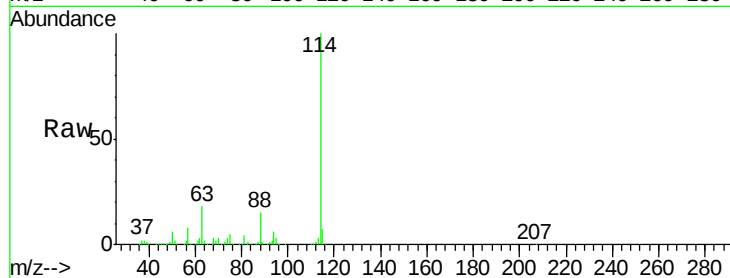
Tot Ion:114 Resp: 382718

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.2

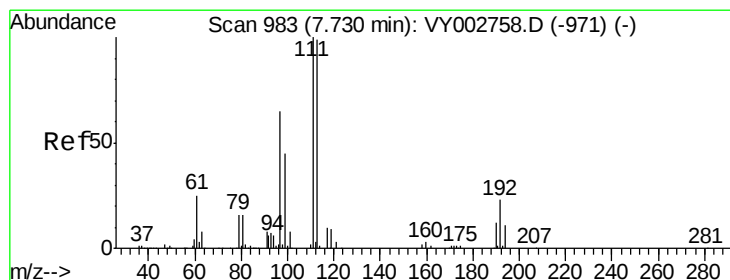
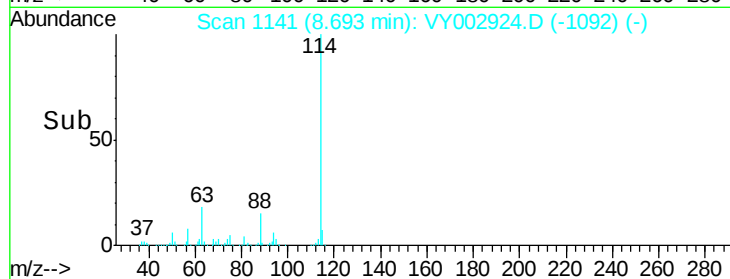
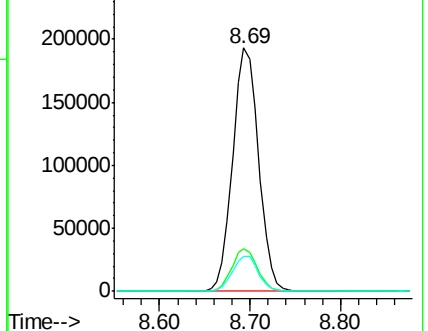
88 14.6 0.0 29.2



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: 53.229 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY002924.D

Acq: 18 Jun 2020 17:12

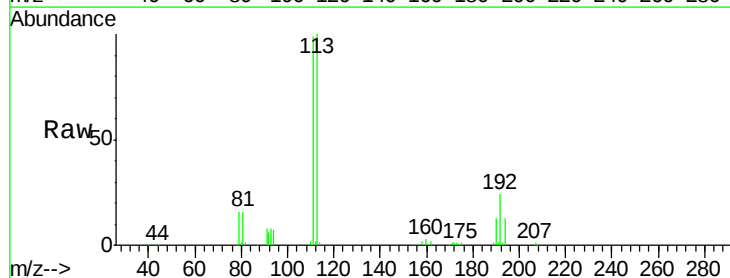
Tgt Ion:113 Resp: 119389

Ion Ratio Lower Upper

113 100

111 101.0 82.0 123.0

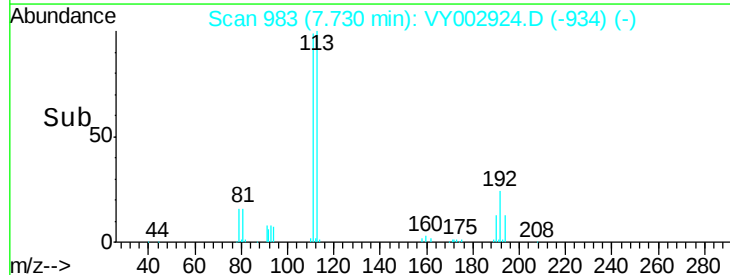
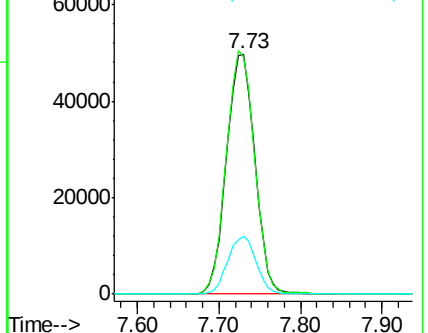
192 23.8 18.9 28.3

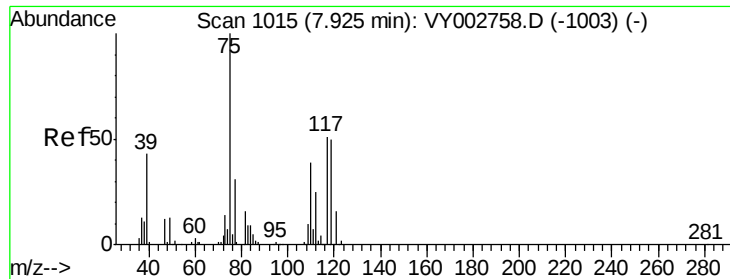


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

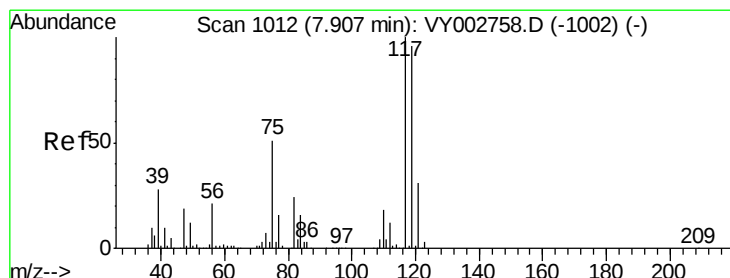
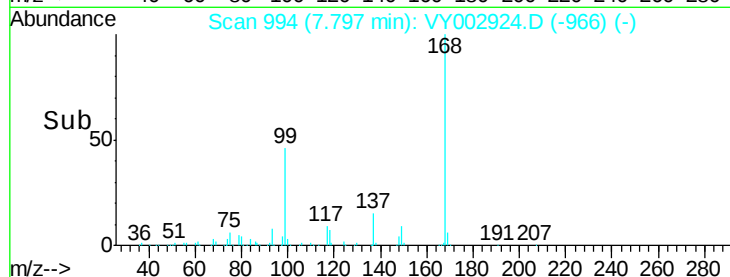
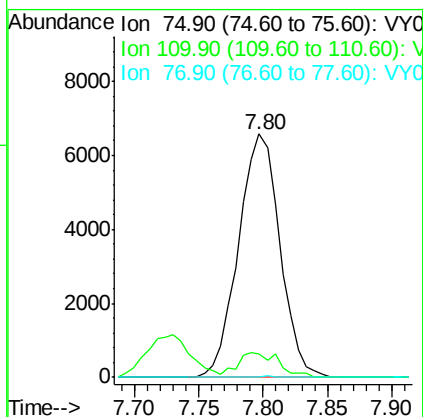
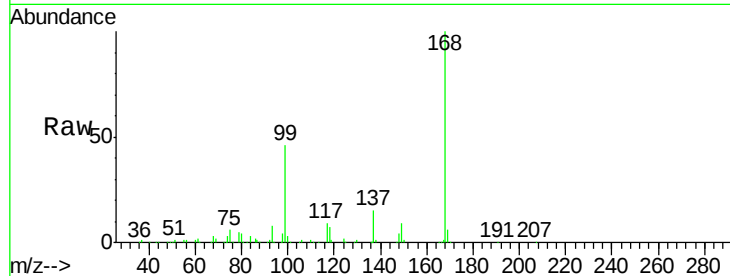




#36
 1,1-Dichloropropene
 Concen: 4.546 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002924.D
 Acq: 18 Jun 2020 17:12

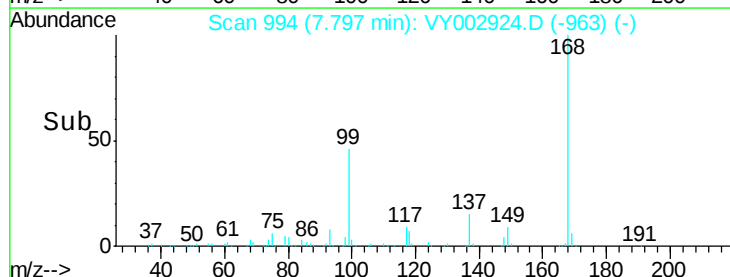
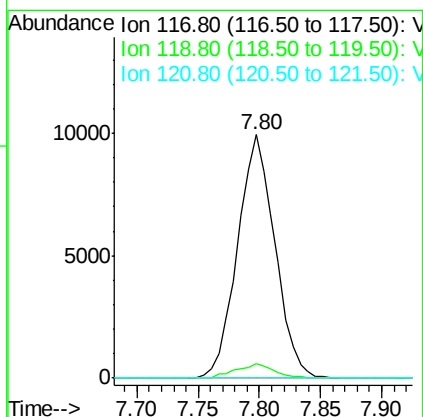
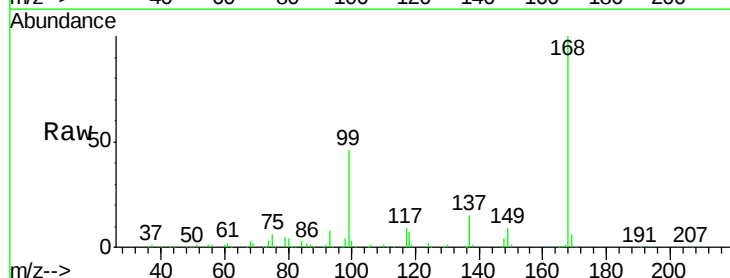
Instrument :
 MSVOA_Y
 ClientSampled :

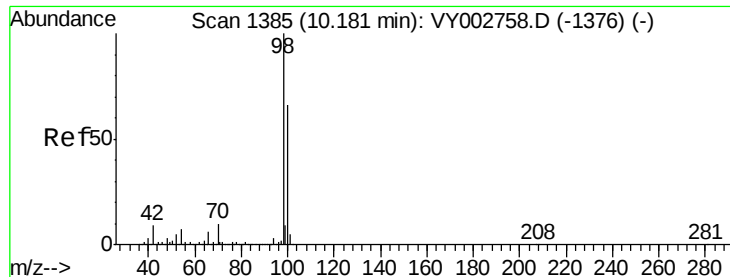
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.3	57.9#
77	0.1	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.862 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY002924.D
 Acq: 18 Jun 2020 17:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.935 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002924.D

Acq: 18 Jun 2020 17:12

Instrument :

MSVOA_Y

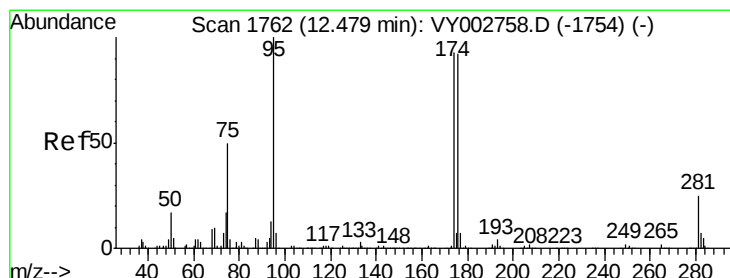
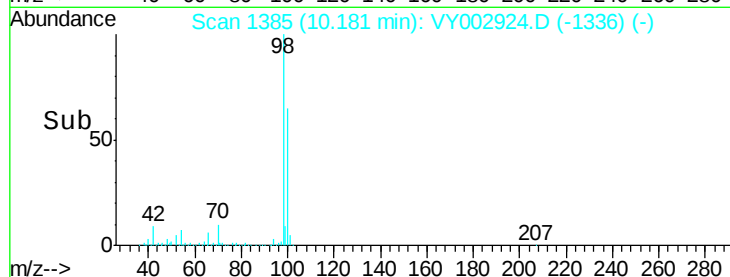
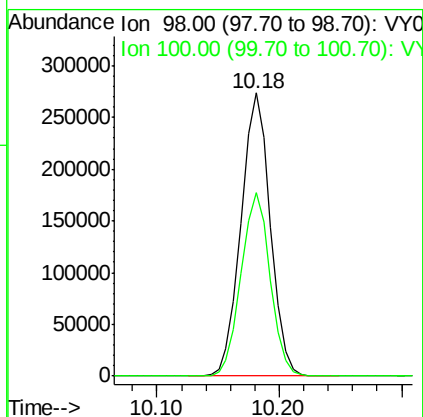
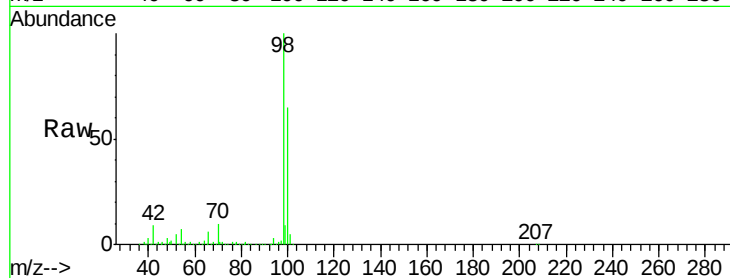
ClientSampleId :

Tot Ion: 98 Resp: 452847

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.287 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002924.D

Acq: 18 Jun 2020 17:12

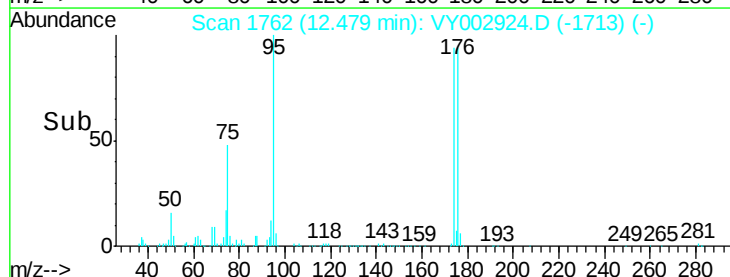
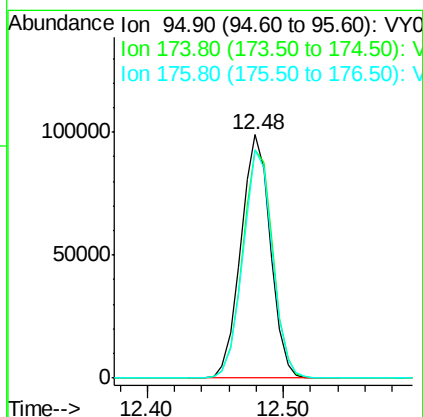
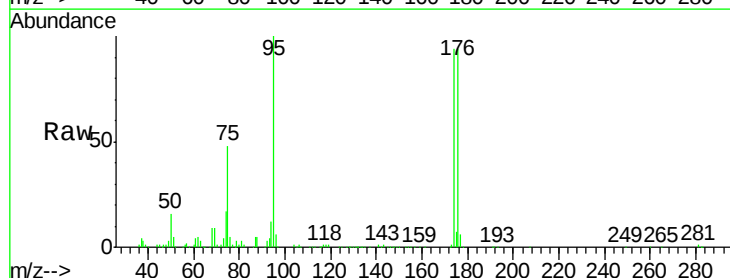
Tgt Ion: 95 Resp: 149654

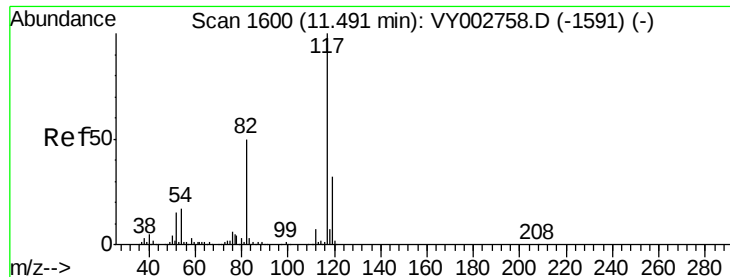
Ion Ratio Lower Upper

95 100

174 96.4 0.0 191.2

176 93.6 0.0 188.8

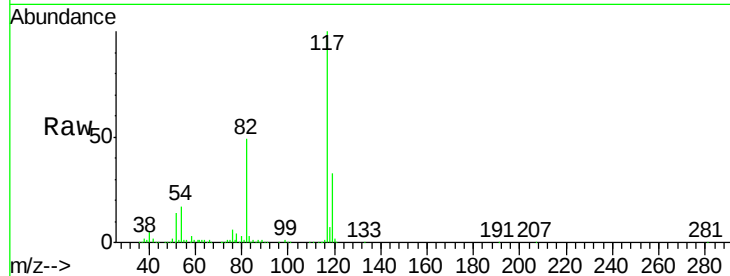




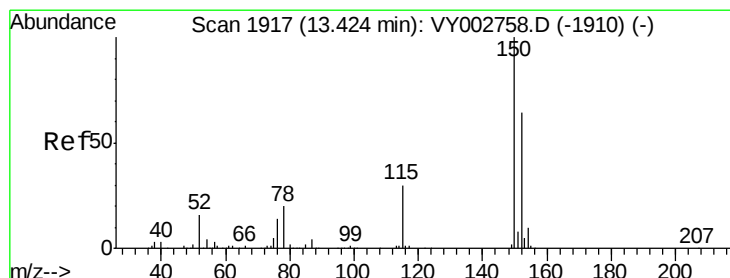
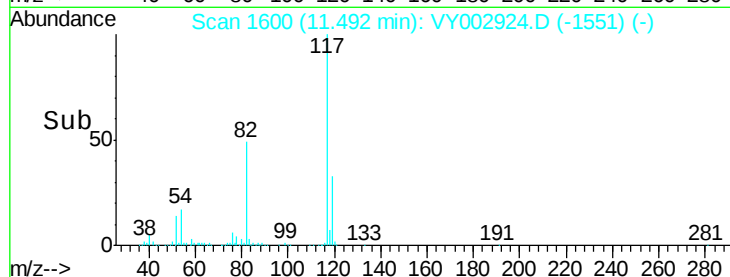
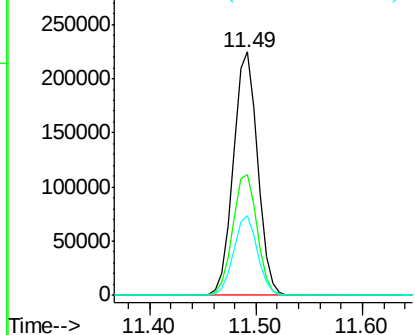
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002924.D
Acq: 18 Jun 2020 17:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	40.2	60.4
119	32.6	25.8	38.8

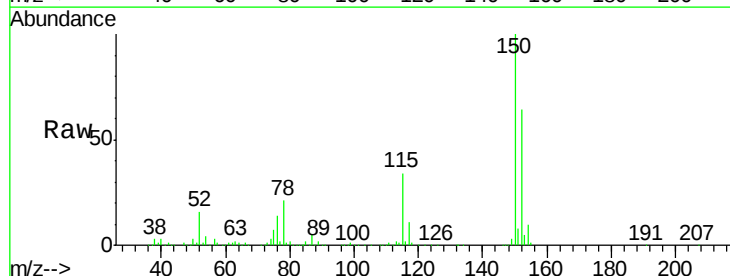


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

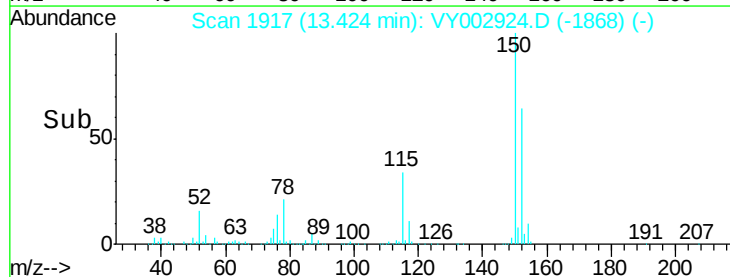
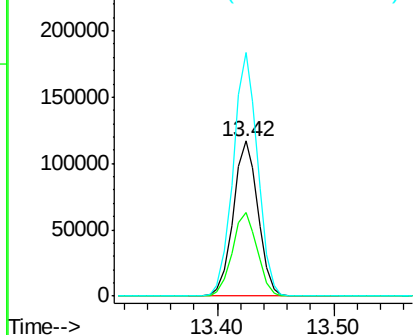


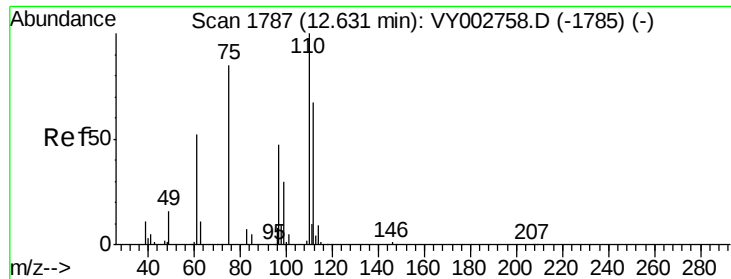
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002924.D
Acq: 18 Jun 2020 17:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.0	81.0
150	155.0	0.0	344.8



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: 45.709 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002924.D

Acq: 18 Jun 2020 17:12

Instrument :

MSVOA_Y

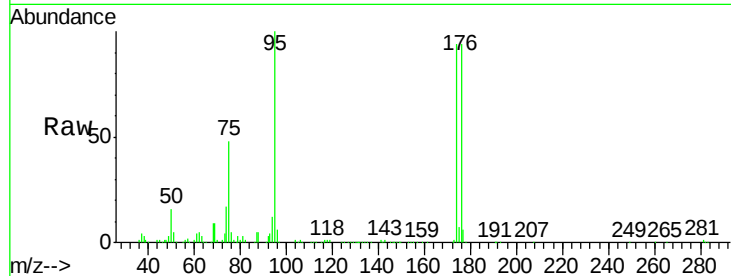
ClientSampleId :

Tot Ion: 75 Resp: 71270

Ion Ratio Lower Upper

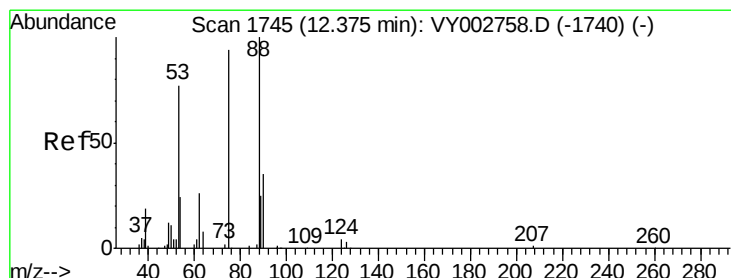
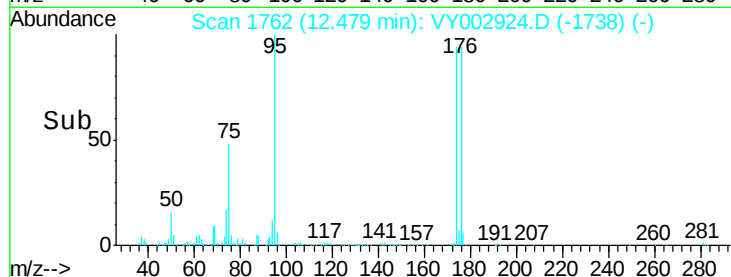
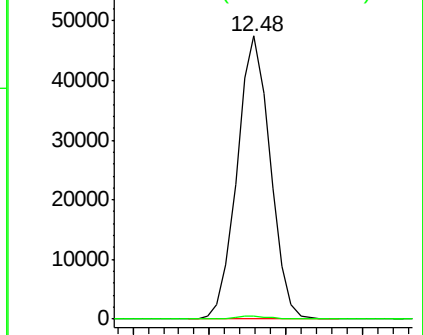
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 86.115 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002924.D

Acq: 18 Jun 2020 17:12

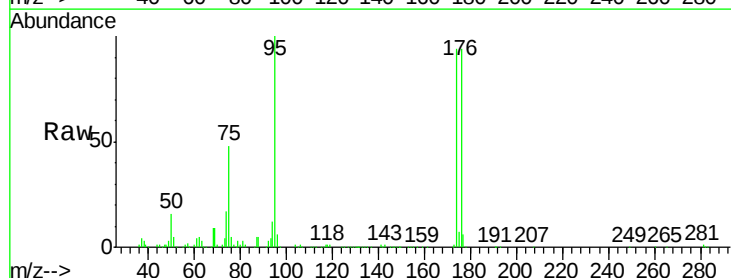
Tgt Ion: 75 Resp: 71270

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

