

Data File : VY002439.D
Acq On : 21 Apr 2020 17:33
Operator : SY/MD
Sample : L2327-17RE
Misc : 6.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Quant Time: Apr 22 02:37:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 15:14:11 2020
Response via : Initial Calibration

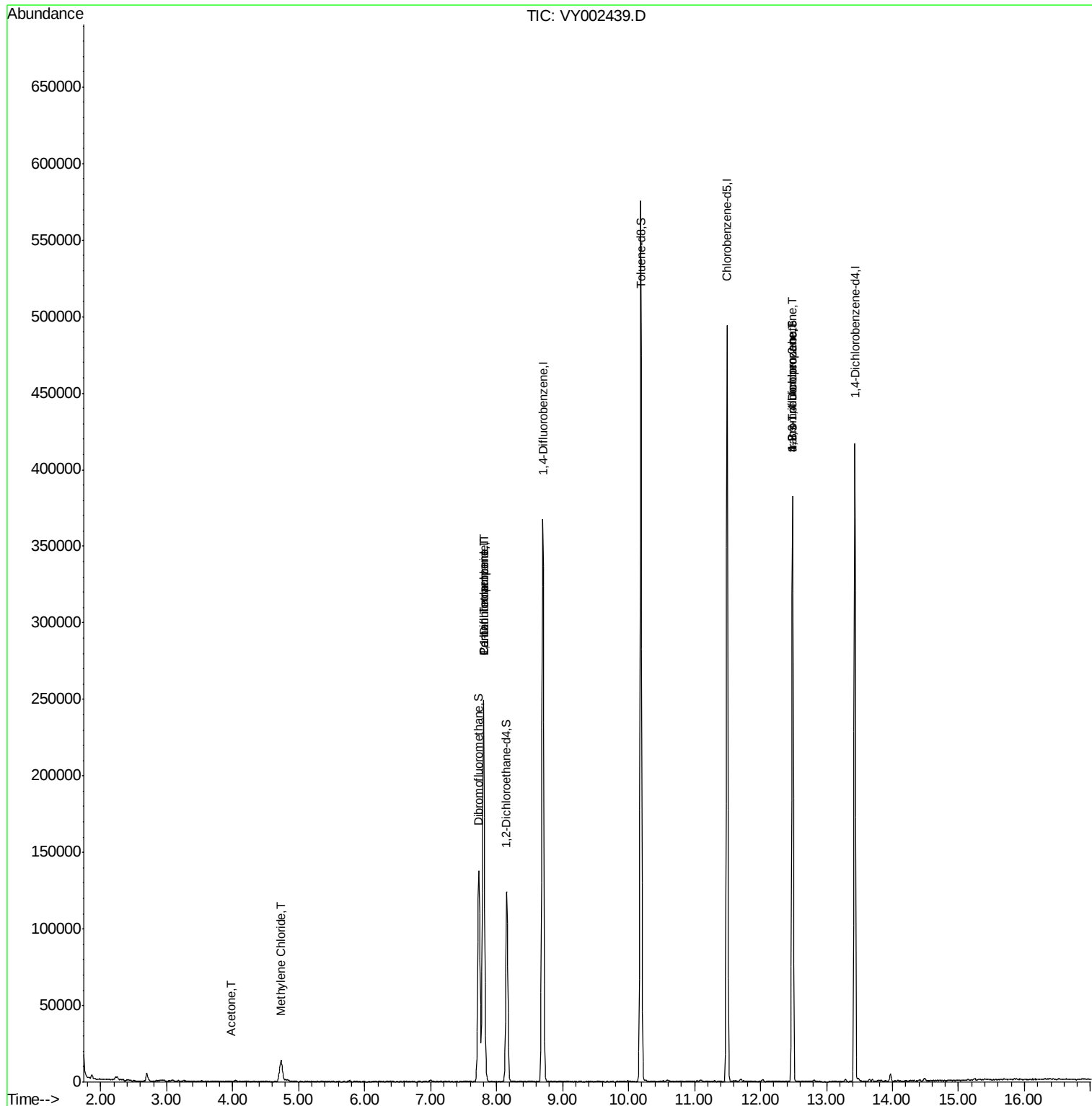
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	215270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	348043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	304731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	117823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	93782	59.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.80%	
35) Dibromofluoromethane	7.73	113	98952	54.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.10%	
50) Toluene-d8	10.19	98	396480	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.49	95	114205	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
Target Compounds						
16) Acetone	3.97	43	698	1.668	ug/l	97
20) Methylene Chloride	4.73	84	12322	5.263	ug/l #	93
36) 1,1-Dichloropropene	7.80	75	12656	4.519	ug/l #	46
38) Carbon Tetrachloride	7.80	117	18898	6.699	ug/l #	14
76) 1,2,3-Trichloropropane	12.49	75	52992	51.052	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	52992	99.496	ug/l #	19

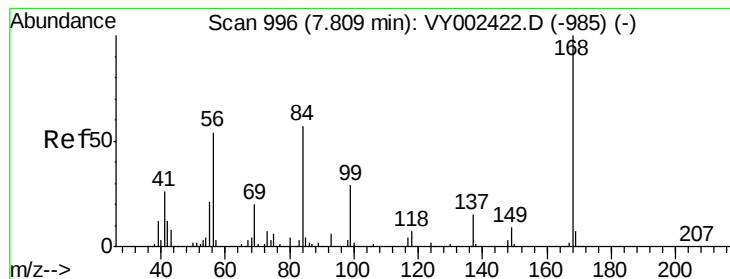
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002439.D

Acq: 21 Apr 2020 17:33

Instrument :

MSVOA_Y

ClientSampled :

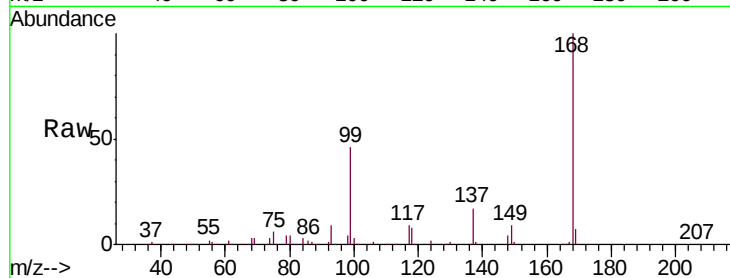
TP-4-S2

Tgt Ion:168 Resp: 215270

Ion Ratio Lower Upper

168 100

99 45.9 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.80

100000

80000

60000

40000

20000

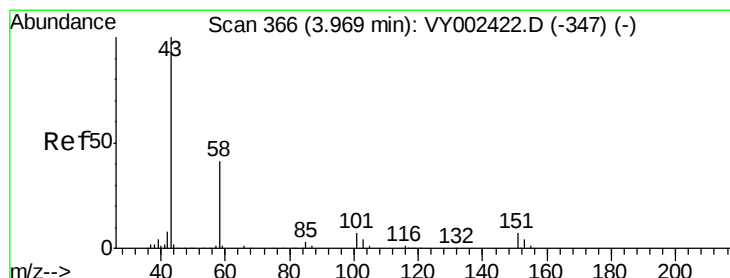
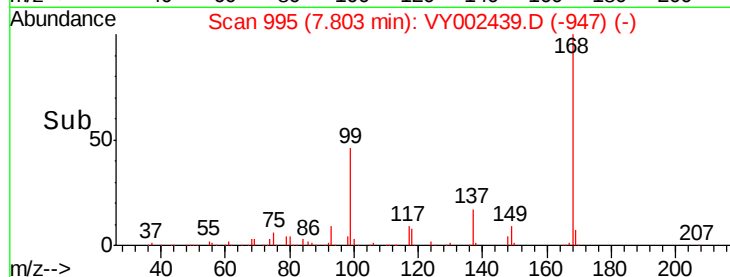
0

Time-->

7.70

7.80

7.90



#16

Acetone

Concen: 1.668 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002439.D

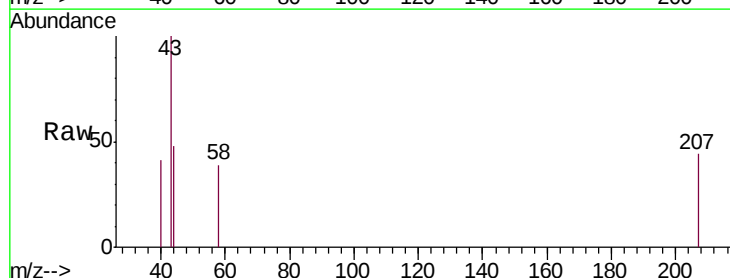
Acq: 21 Apr 2020 17:33

Tgt Ion: 43 Resp: 698

Ion Ratio Lower Upper

43 100

58 38.9 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002422.D (-347) (-)

3.97

300

250

200

150

100

50

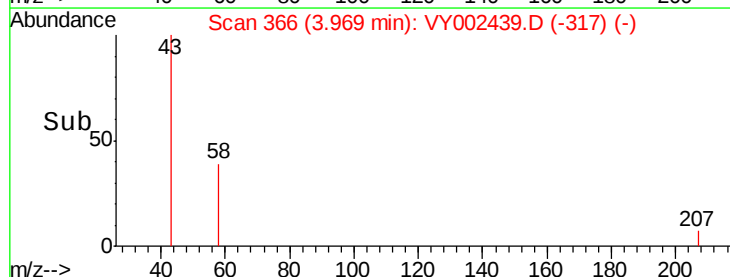
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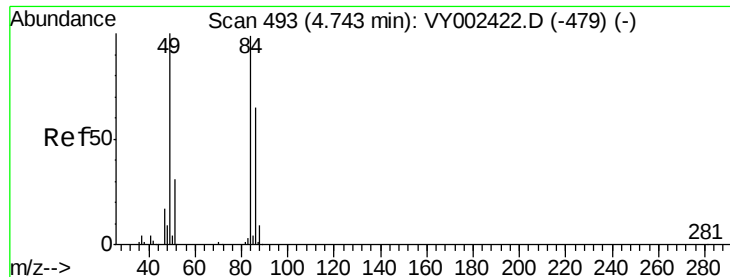
Time-->

3.90

3.95

4.00

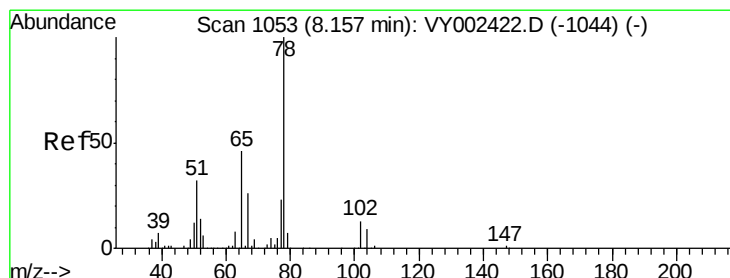
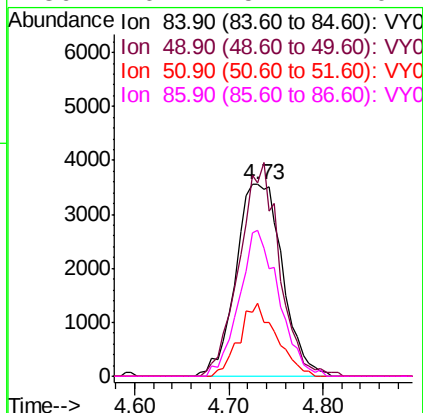
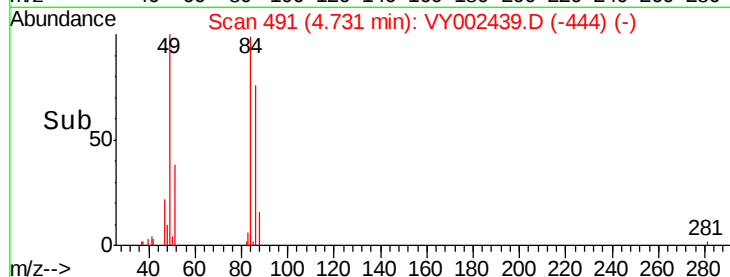
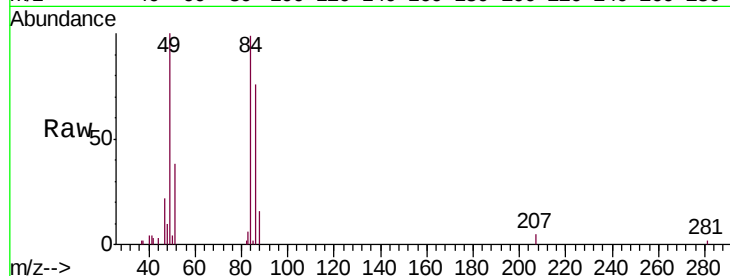




#20
Methylene Chloride
Concen: 5.263 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002439.D
Acq: 21 Apr 2020 17:33

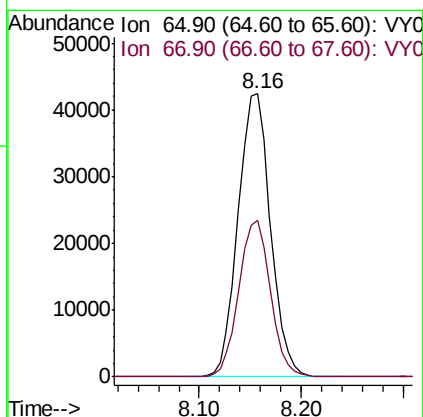
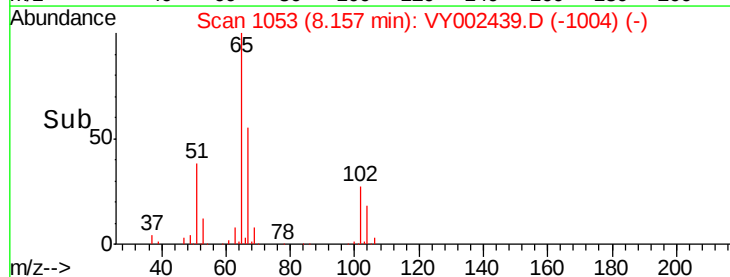
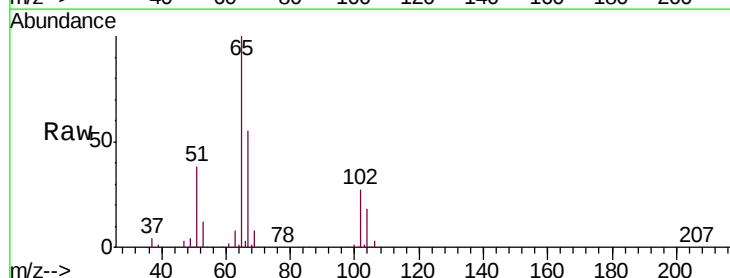
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

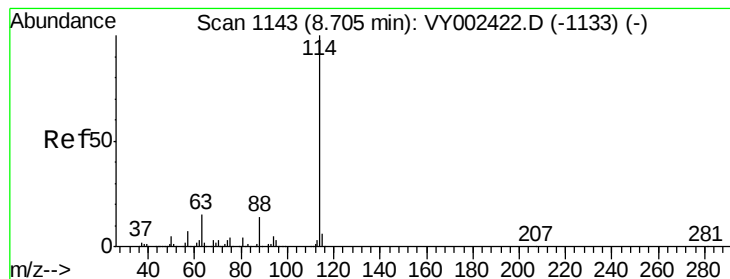
Tgt Ion: 84 Resp: 12322
Ion Ratio Lower Upper
84 100
49 100.7 81.0 121.6
51 38.1 24.9 37.3#
86 76.1 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 59.899 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY002439.D
Acq: 21 Apr 2020 17:33

Tgt Ion: 65 Resp: 93782
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002439.D

Acq: 21 Apr 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-4-S2

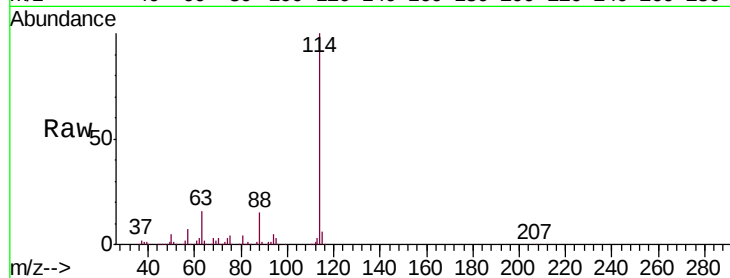
Tgt Ion:114 Resp: 348043

Ion Ratio Lower Upper

114 100

63 15.6 0.0 31.0

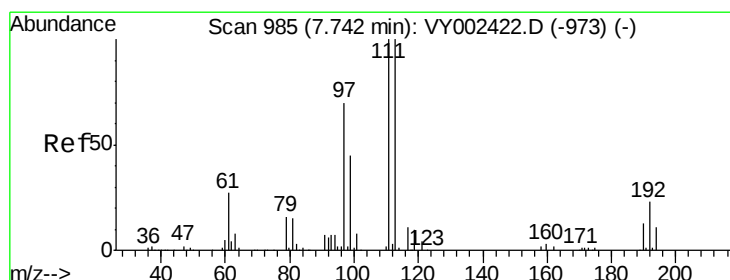
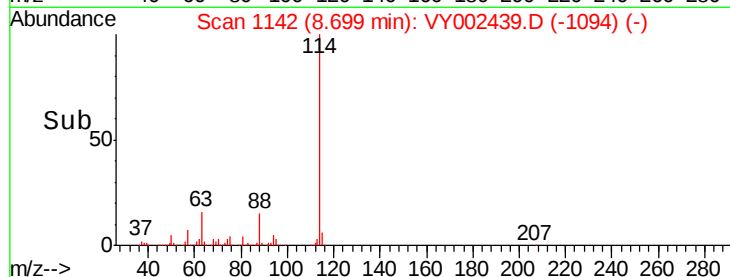
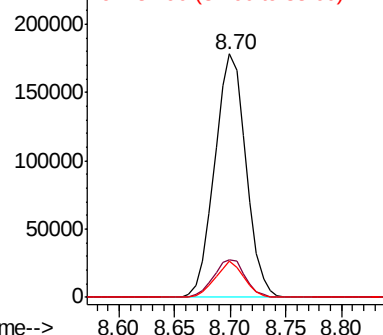
88 14.9 0.0 28.2



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: 54.053 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002439.D

Acq: 21 Apr 2020 17:33

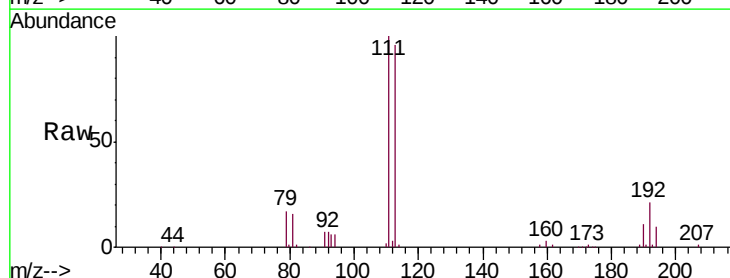
Tgt Ion:113 Resp: 98952

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

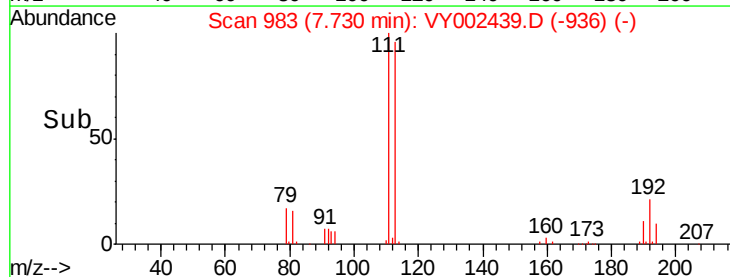
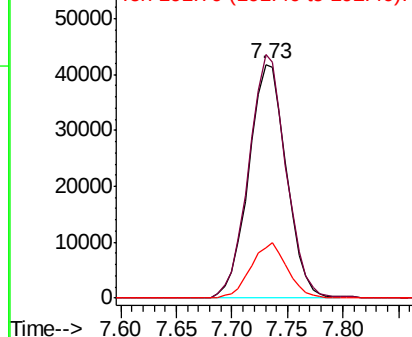
192 22.9 17.8 26.6

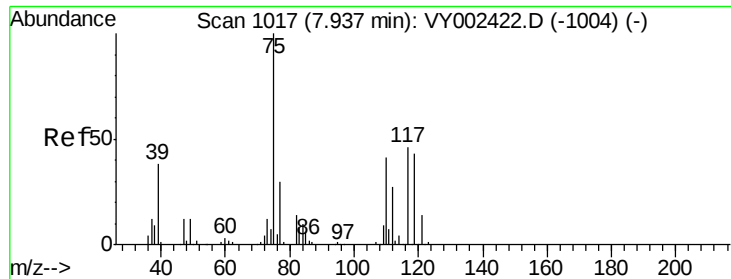


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

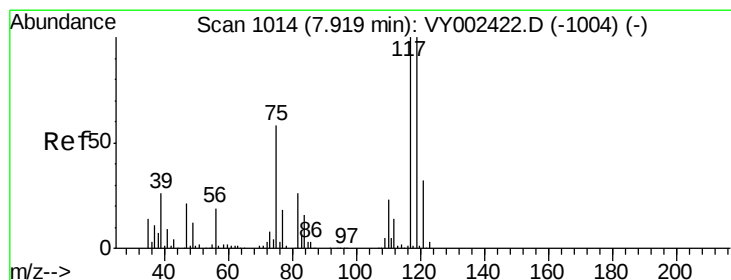
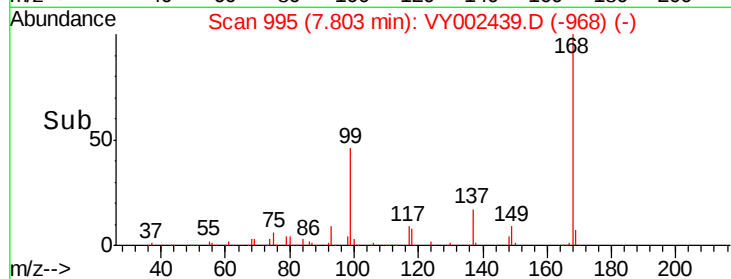
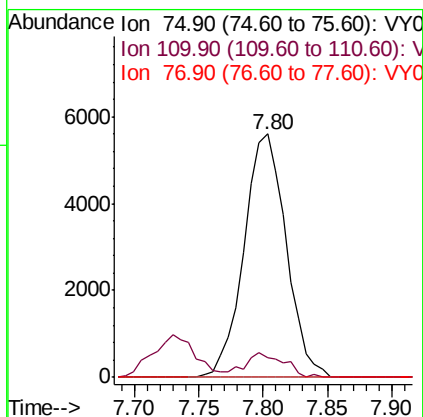
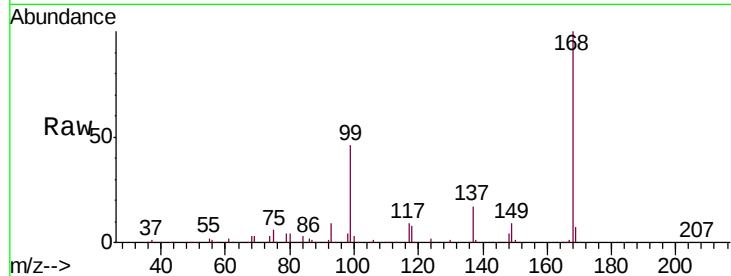




#36
 1,1-Dichloropropene
 Concen: 4.519 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002439.D
 Acq: 21 Apr 2020 17:33

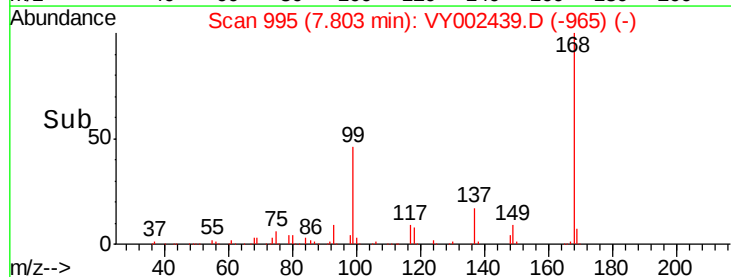
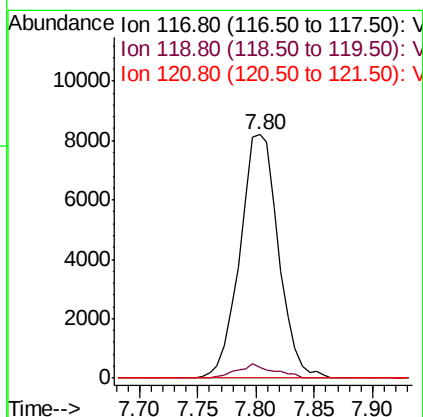
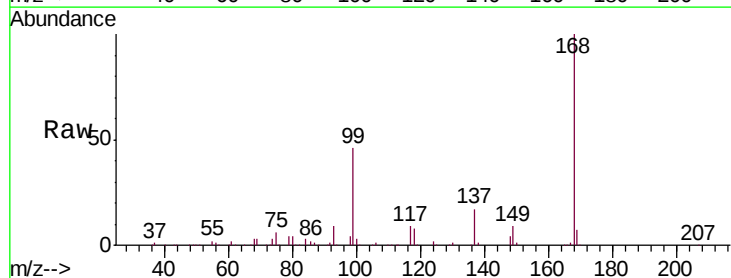
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-S2

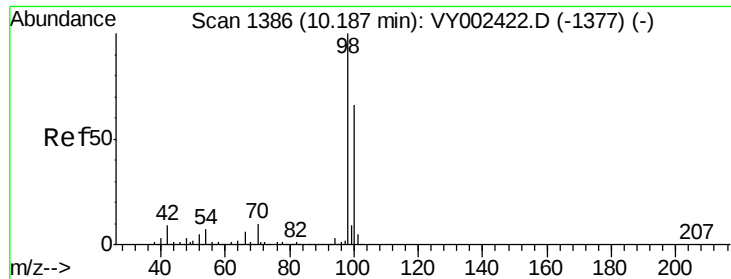
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	20.4	61.2#
77	0.0	25.5	38.3#



#38
 Carbon Tetrachloride
 Concen: 6.699 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY002439.D
 Acq: 21 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	79.6	119.4#
121	0.0	25.4	38.2#





#50

Toluene-d8

Concen: 53.548 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002439.D

Acq: 21 Apr 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

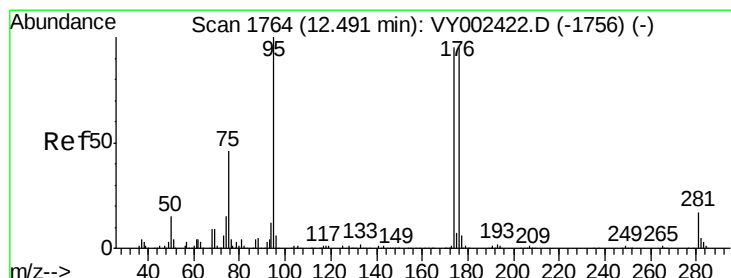
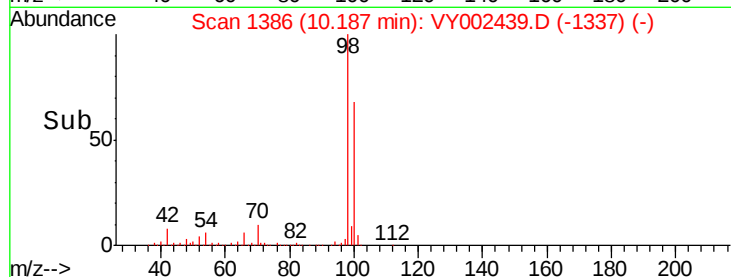
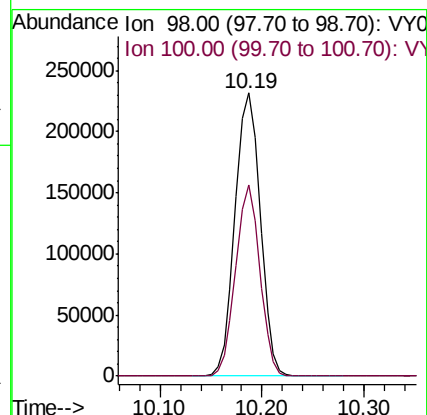
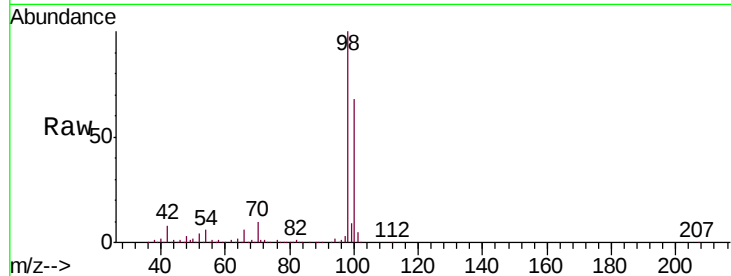
TP-4-S2

Tgt Ion: 98 Resp: 396480

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.718 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002439.D

Acq: 21 Apr 2020 17:33

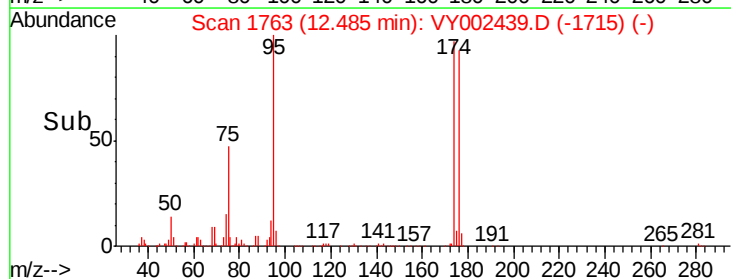
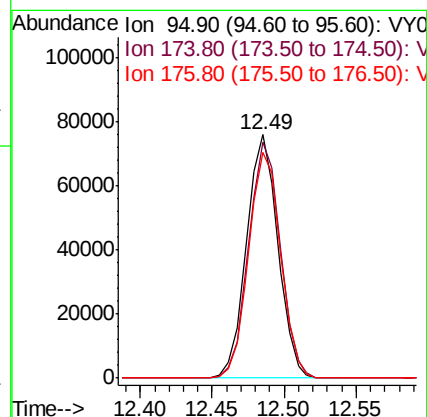
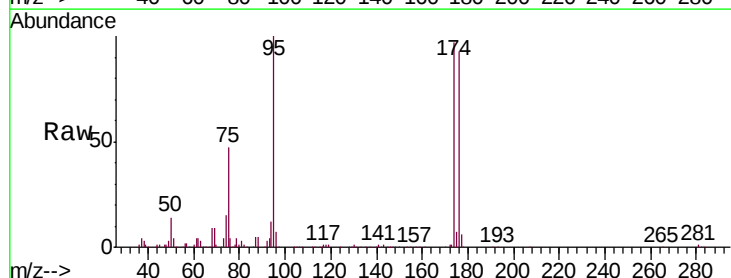
Tgt Ion: 95 Resp: 114205

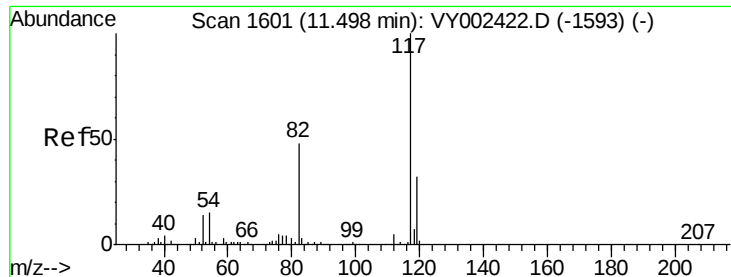
Ion Ratio Lower Upper

95 100

174 98.0 0.0 185.8

176 94.5 0.0 181.2

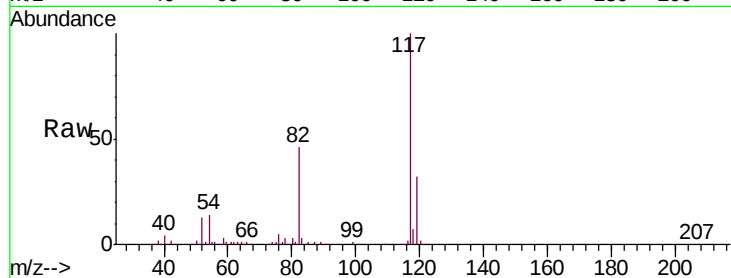




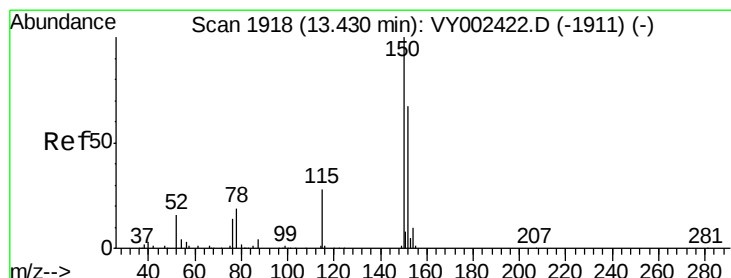
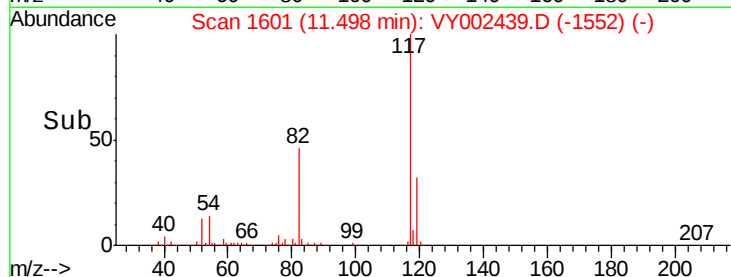
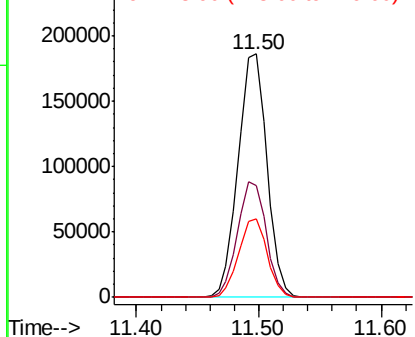
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002439.D
Acq: 21 Apr 2020 17:33

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S2

Tgt Ion	Ratio	Lower	Upper
117	100		
82	46.1	38.4	57.6
119	32.2	25.3	37.9

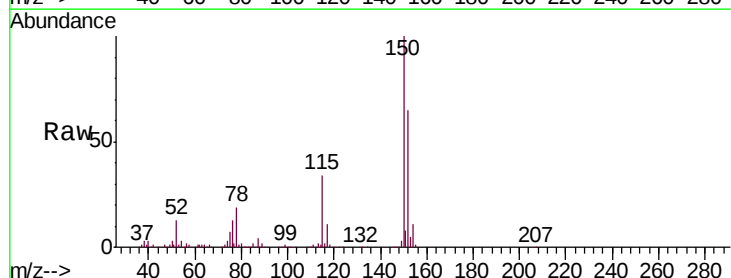


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

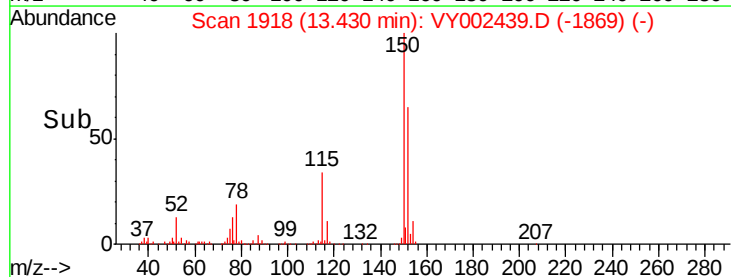
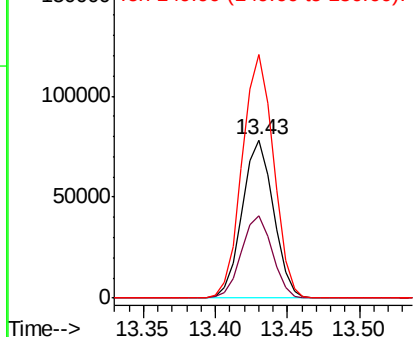


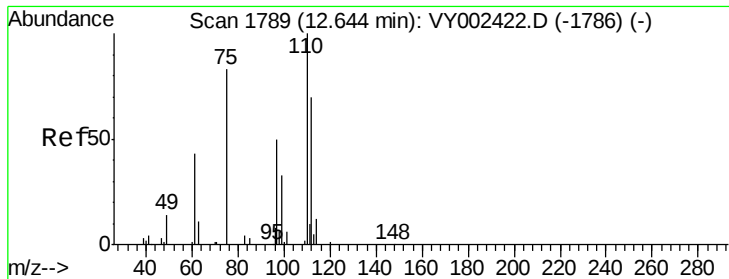
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002439.D
Acq: 21 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.5	27.3	81.8
150	154.7	0.0	344.0



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: 51.052 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY002439.D

Acq: 21 Apr 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

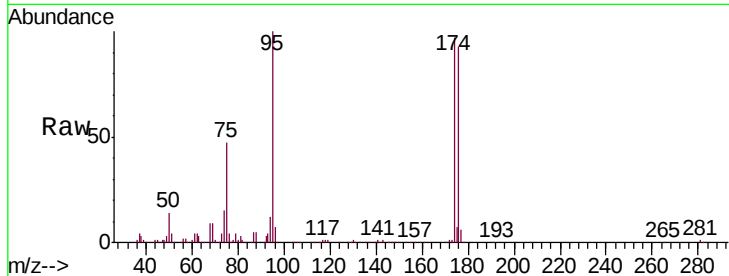
TP-4-S2

Tgt Ion: 75 Resp: 52992

Ion Ratio Lower Upper

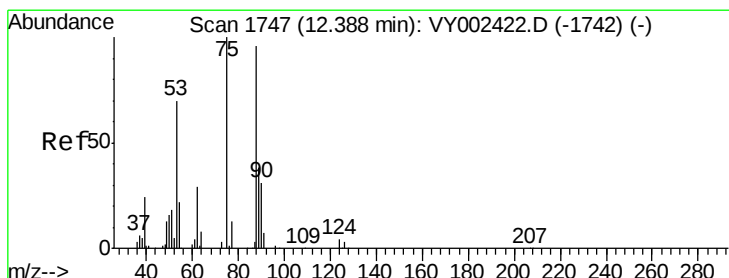
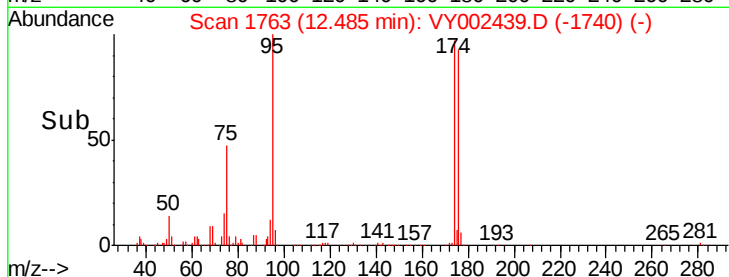
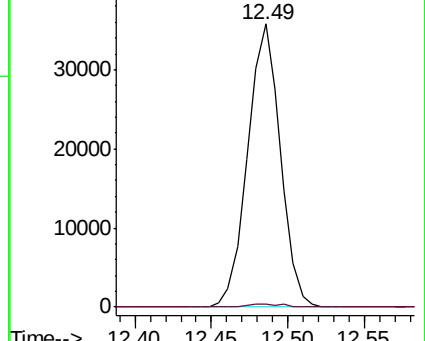
75 100

77 1.2 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: 99.496 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002439.D

Acq: 21 Apr 2020 17:33

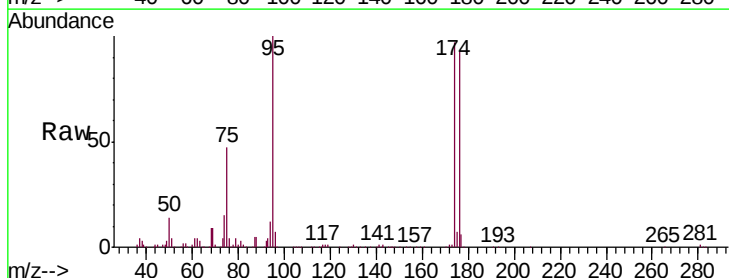
Tgt Ion: 75 Resp: 52992

Ion Ratio Lower Upper

75 100

53 0.0 58.7 88.1#

89 0.0 37.9 56.9#



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

