

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002857.D
 Acq On : 05 Jun 2020 19:00
 Operator : SY/MD
 Sample : L2939-02
 Misc : 5.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2020-06-02-FD02

Quant Time: Jun 06 07:59:46 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

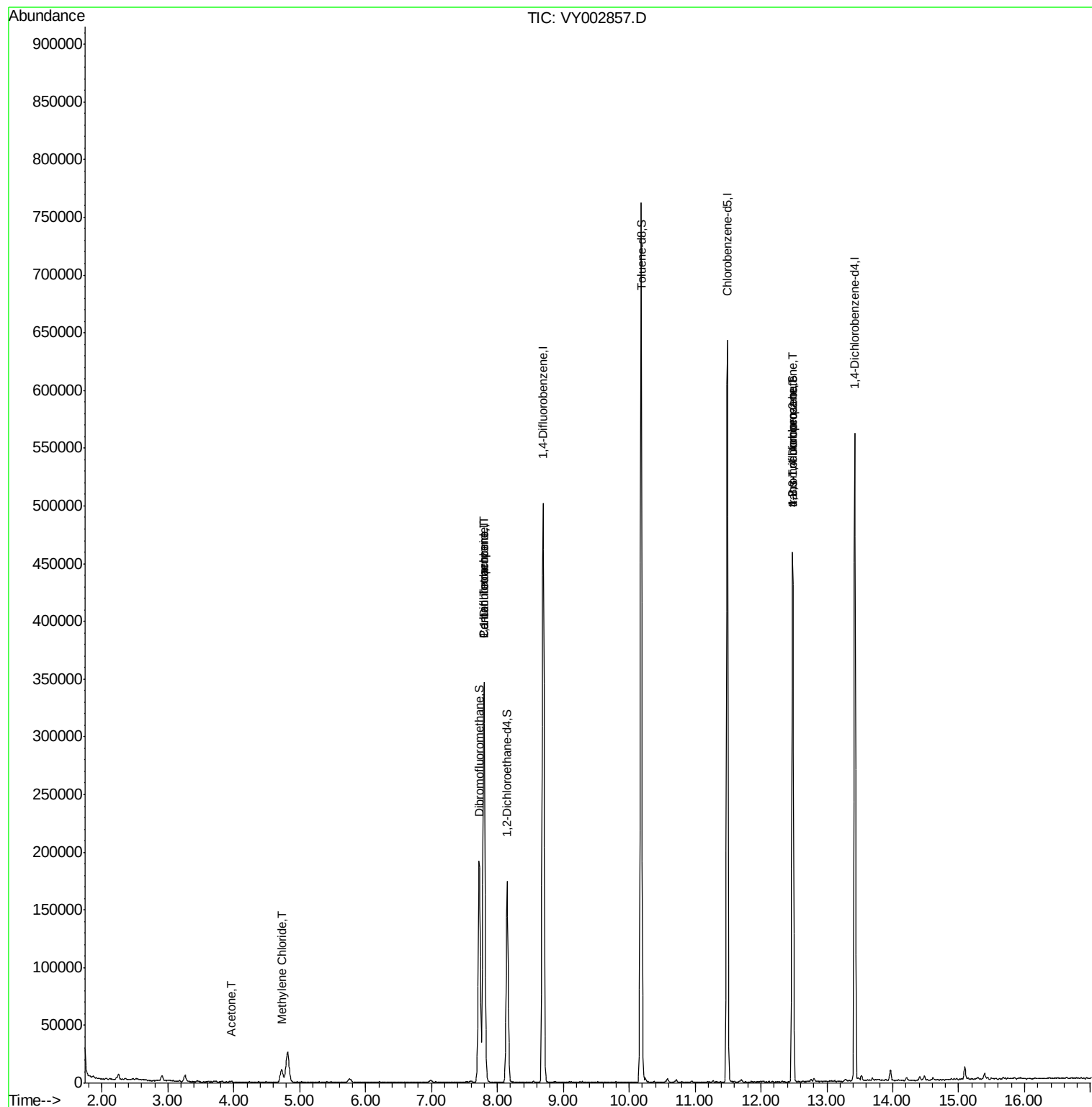
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	294333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	460767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	374086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	148474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	132227	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
35) Dibromofluoromethane	7.72	113	137890	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.18	98	520244	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.48	95	144096	38.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.24%	
Target Compounds						
16) Acetone	3.96	43	952	1.589	ug/l	94
18) Methyl Acetate	4.49	43	544	Below Cal	#	67
20) Methylene Chloride	4.73	84	8770	2.995	ug/l	97
36) 1,1-Dichloropropene	7.79	75	18181	4.684	ug/l #	48
38) Carbon Tetrachloride	7.79	117	26367	6.115	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	67814	50.689	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	67814	95.498	ug/l #	17

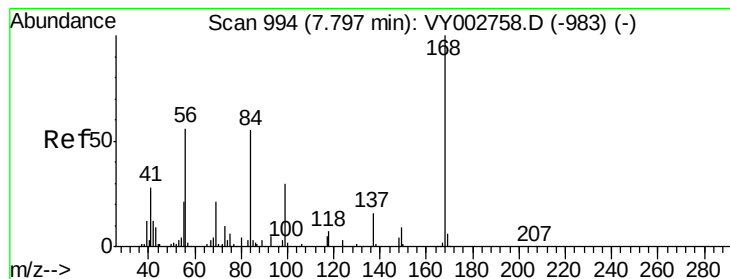
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002857.D

Acq: 05 Jun 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

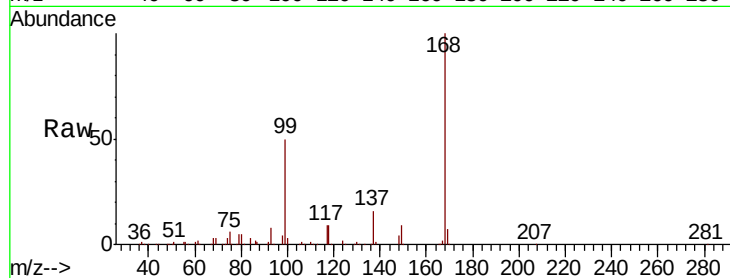
2020-06-02-FD02

Tot Ion:168 Resp: 294333

Ion Ratio Lower Upper

168 100

99 49.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002857.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002857.D (-945) (-)

7.80

150000

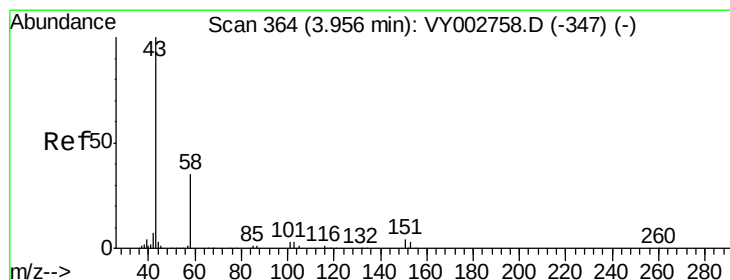
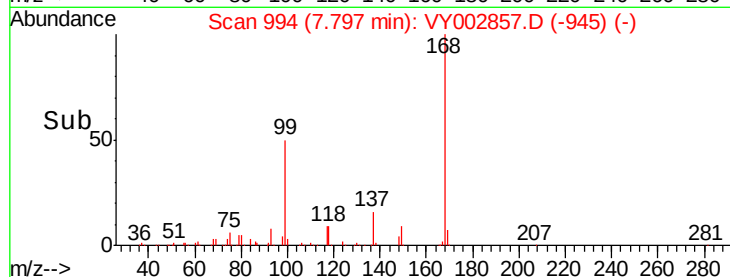
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 1.589 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002857.D

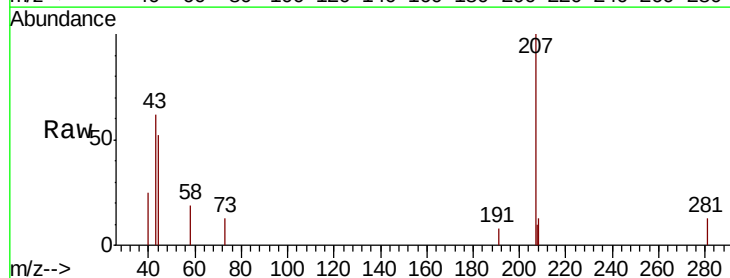
Acq: 05 Jun 2020 19:00

Tgt Ion: 43 Resp: 952

Ion Ratio Lower Upper

43 100

58 31.3 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002857.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002857.D (-315) (-)

3.96

400

300

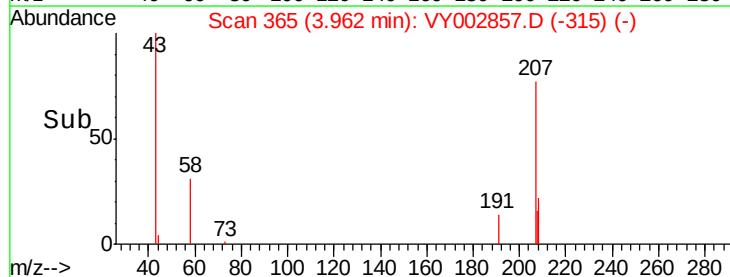
200

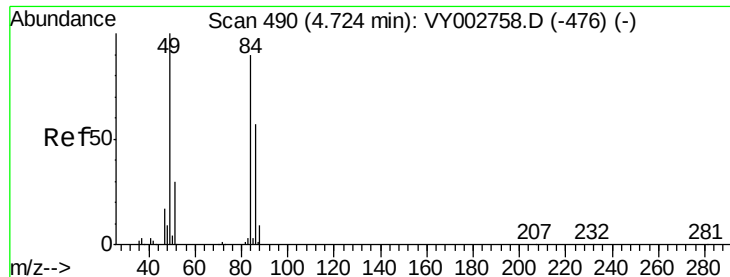
100

0

3.90 3.95 4.00 4.05

Time-->

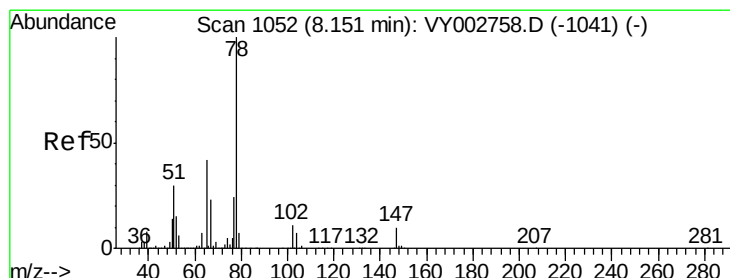
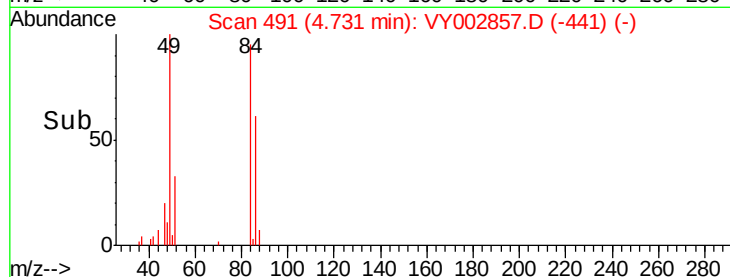
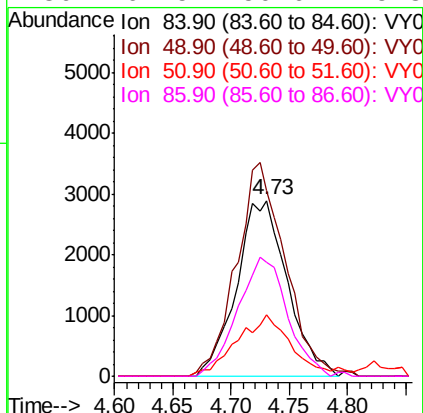
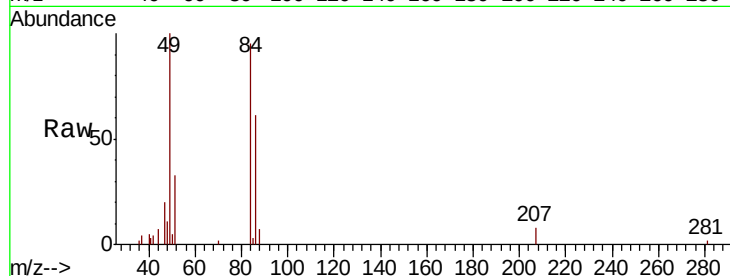




#20
Methylene Chloride
Concen: 2.995 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002857.D
Acq: 05 Jun 2020 19:00

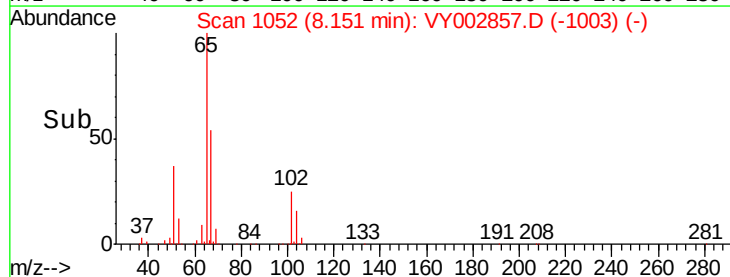
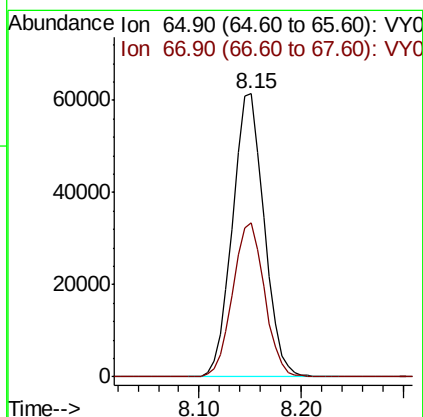
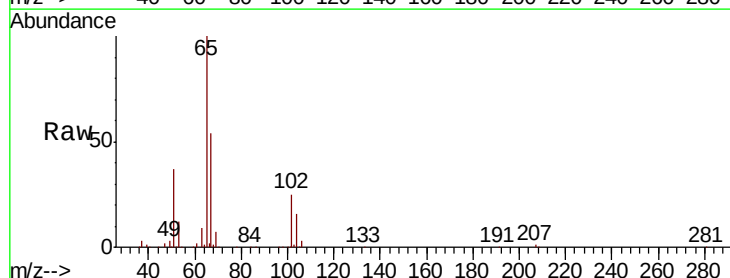
Instrument :
MSVOA_Y
ClientSampleId :
2020-06-02-FD02

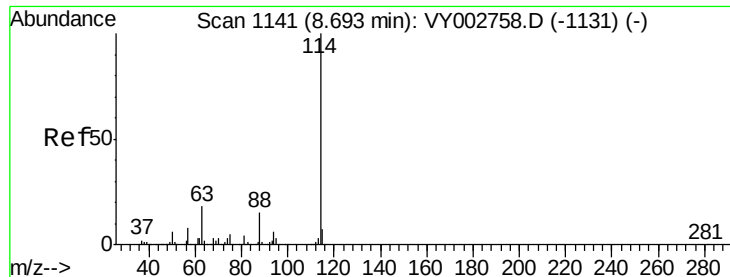
Tot Ion: 84 Resp: 8770
Ion Ratio Lower Upper
84 100
49 105.6 88.5 132.7
51 34.7 26.8 40.2
86 64.5 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 51.739 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002857.D
Acq: 05 Jun 2020 19:00

Tgt Ion: 65 Resp: 132227
Ion Ratio Lower Upper
65 100
67 54.6 0.0 111.0

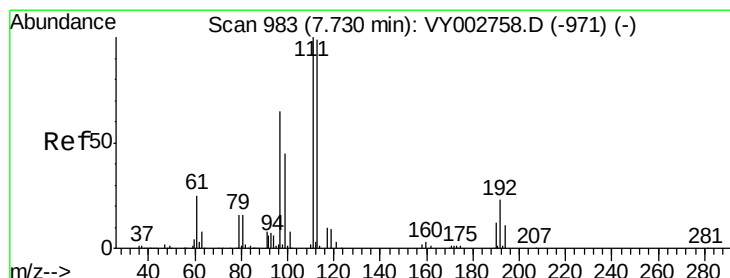
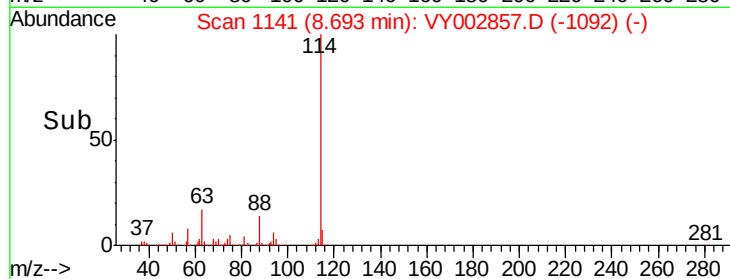
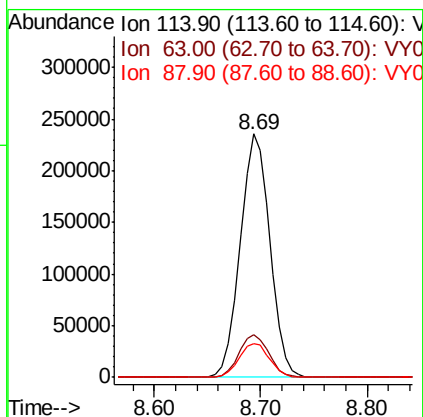
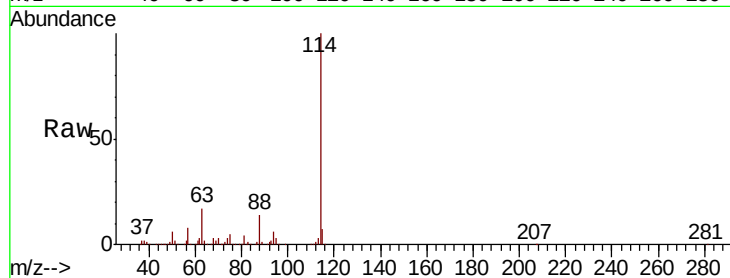




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002857.D
 Acq: 05 Jun 2020 19:00

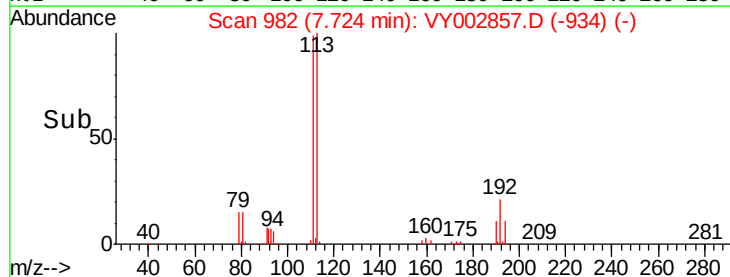
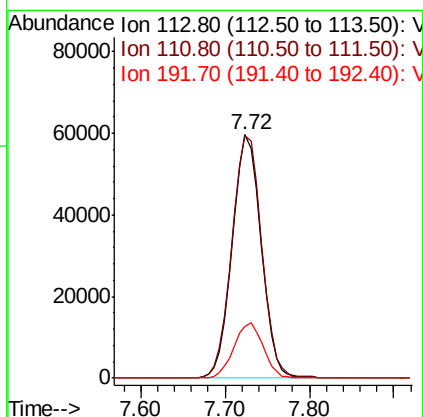
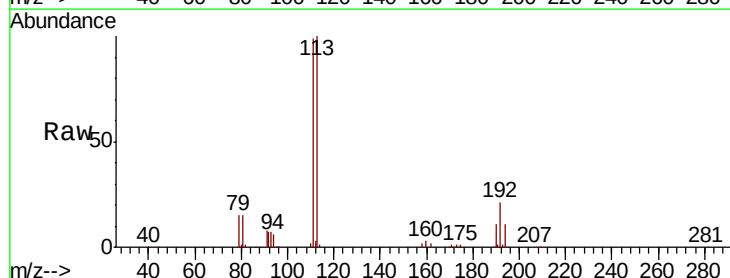
Instrument :
 MSVOA_Y
 ClientSampleId :
 2020-06-02-FD02

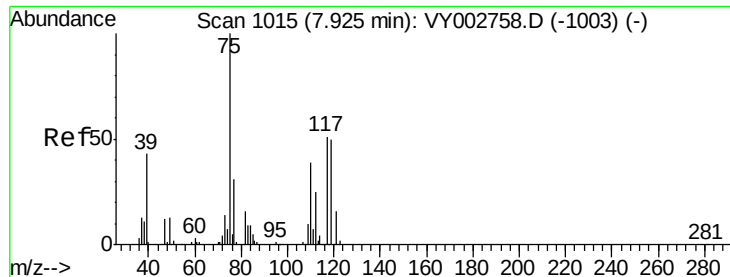
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	35.2
88	14.1	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 51.064 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002857.D
 Acq: 05 Jun 2020 19:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	22.9	18.9	28.3

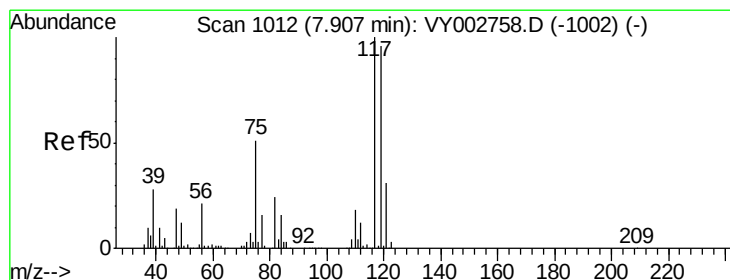
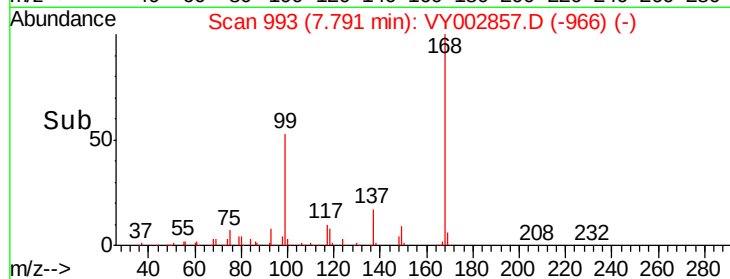
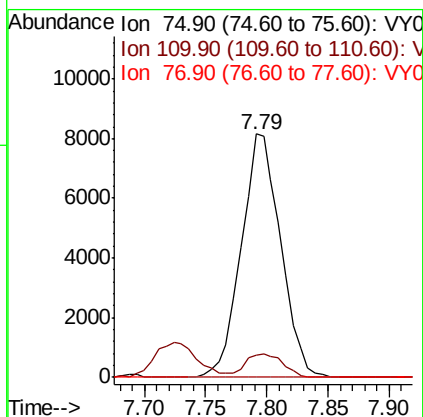
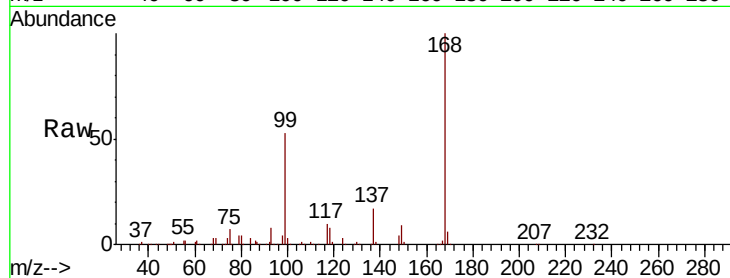




#36
 1,1-Dichloropropene
 Concen: 4.684 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY002857.D
 Acq: 05 Jun 2020 19:00

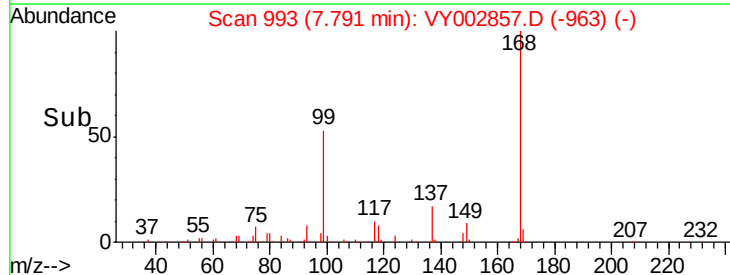
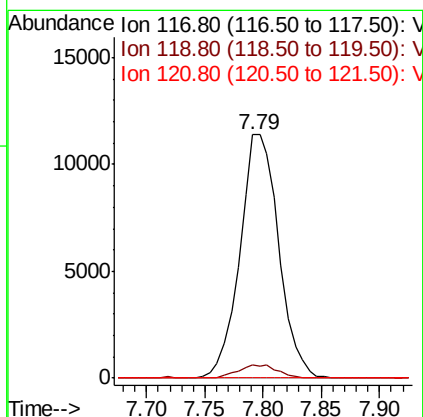
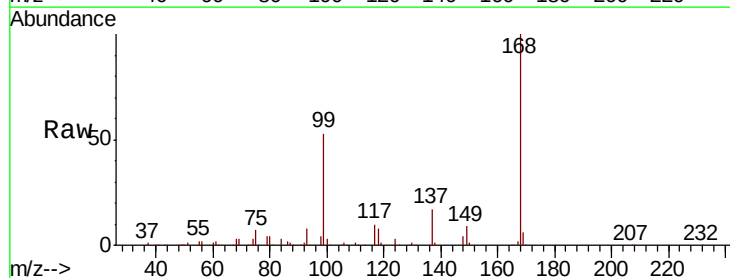
Instrument :
 MSVOA_Y
 ClientSampleId :
 2020-06-02-FD02

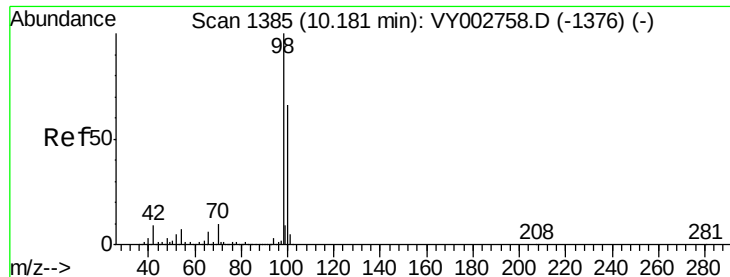
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.3	57.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.115 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY002857.D
 Acq: 05 Jun 2020 19:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.8	115.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 47.650 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002857.D

Acq: 05 Jun 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

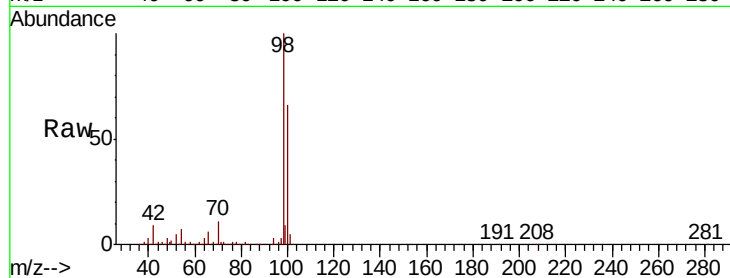
2020-06-02-FD02

Tot Ion: 98 Resp: 520244

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

300000

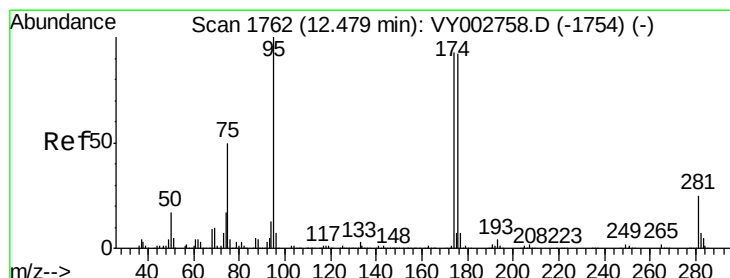
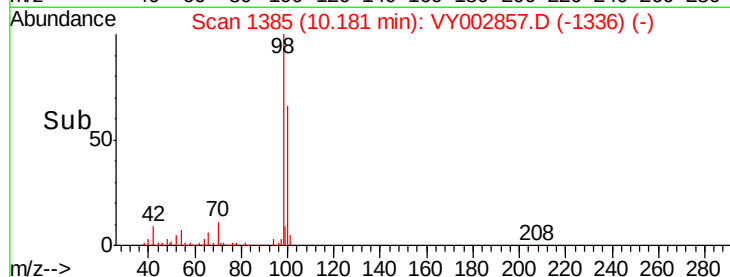
200000

100000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 38.618 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002857.D

Acq: 05 Jun 2020 19:00

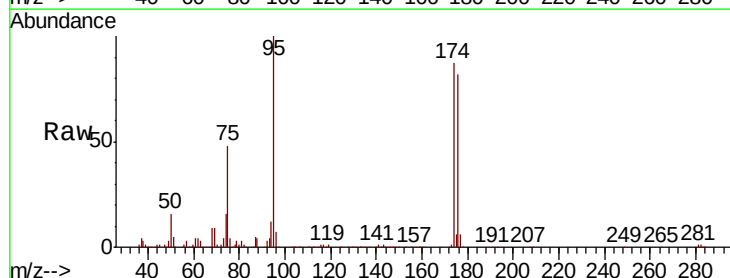
Tgt Ion: 95 Resp: 144096

Ion Ratio Lower Upper

95 100

174 92.3 0.0 191.2

176 89.6 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

120000

100000

80000

60000

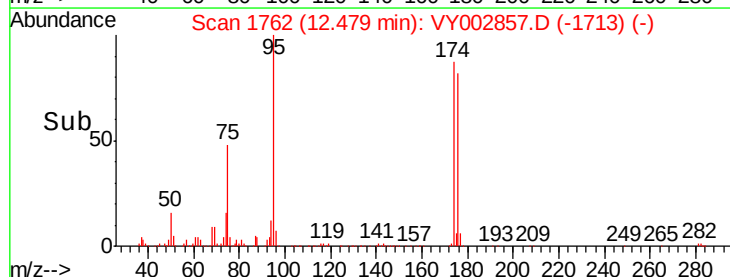
40000

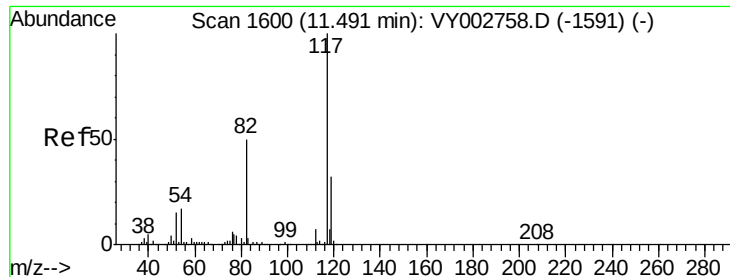
20000

0

Time-->

12.40 12.50

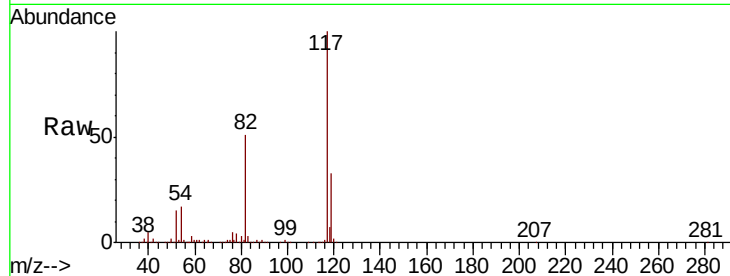




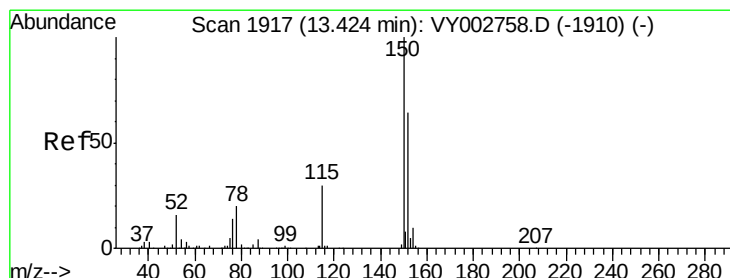
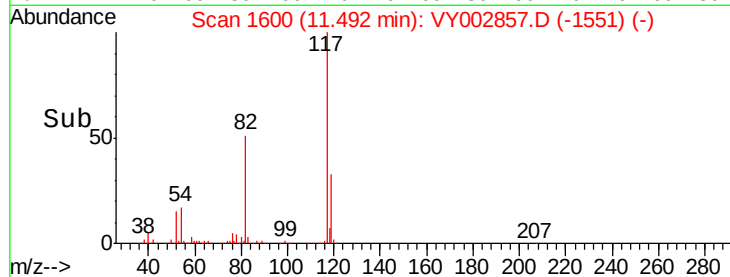
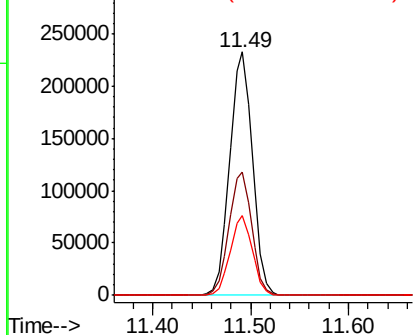
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002857.D
Acq: 05 Jun 2020 19:00

Instrument :
MSVOA_Y
ClientSampleId :
2020-06-02-FD02

Tot Ion:117 Resp: 374086
Ion Ratio Lower Upper
117 100
82 50.8 40.2 60.4
119 32.9 25.8 38.8

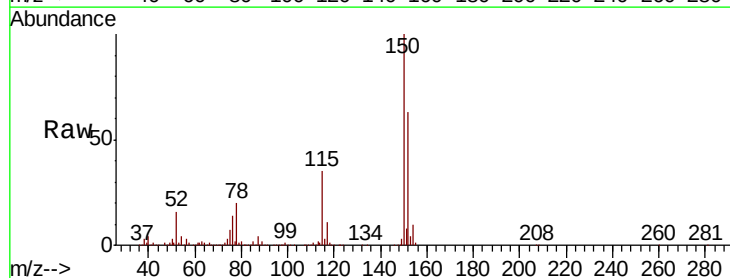


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

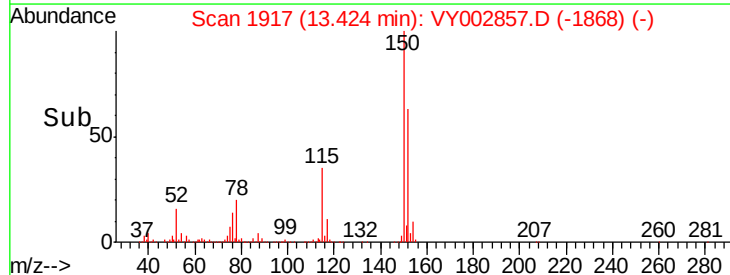
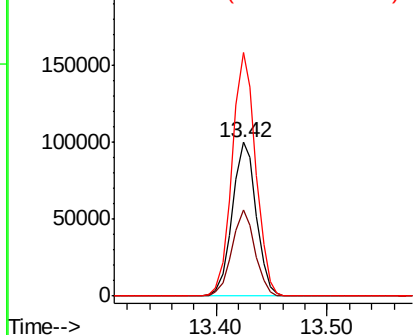


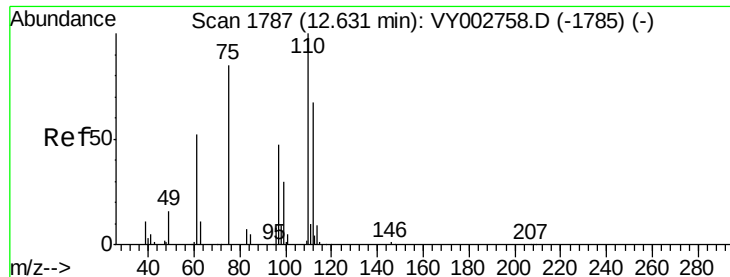
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002857.D
Acq: 05 Jun 2020 19:00

Tgt Ion:152 Resp: 148474
Ion Ratio Lower Upper
152 100
115 54.0 27.0 81.0
150 155.7 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: 50.689 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002857.D

Acq: 05 Jun 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

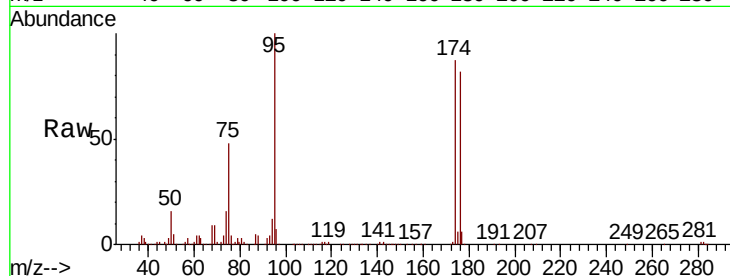
2020-06-02-FD02

Tot Ion: 75 Resp: 67814

Ion Ratio Lower Upper

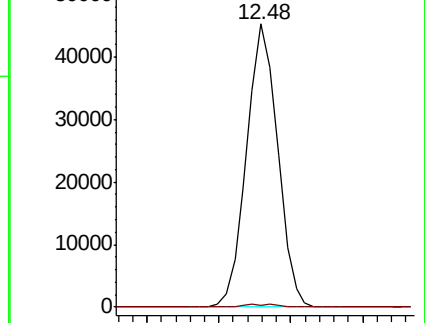
75 100

77 1.1 0.0 0.0#

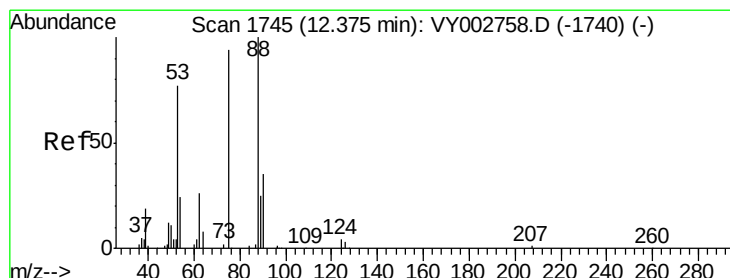
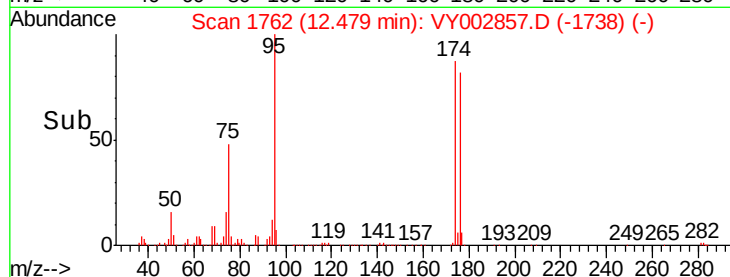


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 95.498 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002857.D

Acq: 05 Jun 2020 19:00

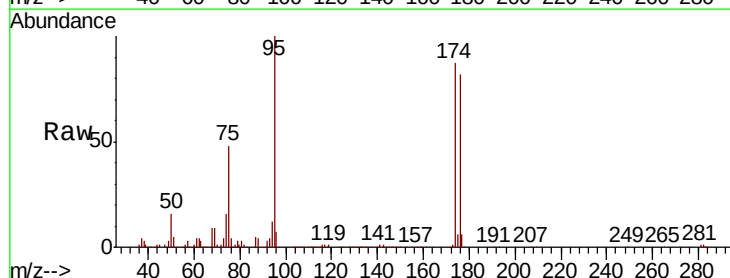
Tgt Ion: 75 Resp: 67814

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

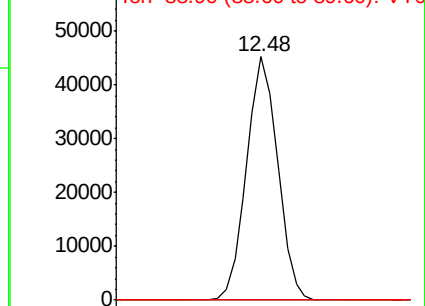
89 0.0 37.4 56.2#



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



Time-->

