

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032020\
 Data File : VY002037.D
 Acq On : 20 Mar 2020 15:12
 Operator : SY/MD
 Sample : L1994-01
 Misc : 7.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-(6-7)

Quant Time: Mar 20 16:13:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	139218	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	269924	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	245413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	105928	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	83501	56.18	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	112.36%	
35) Dibromofluoromethane	7.73	113	78610	53.33	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.19	98	328739	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.49	95	110003	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

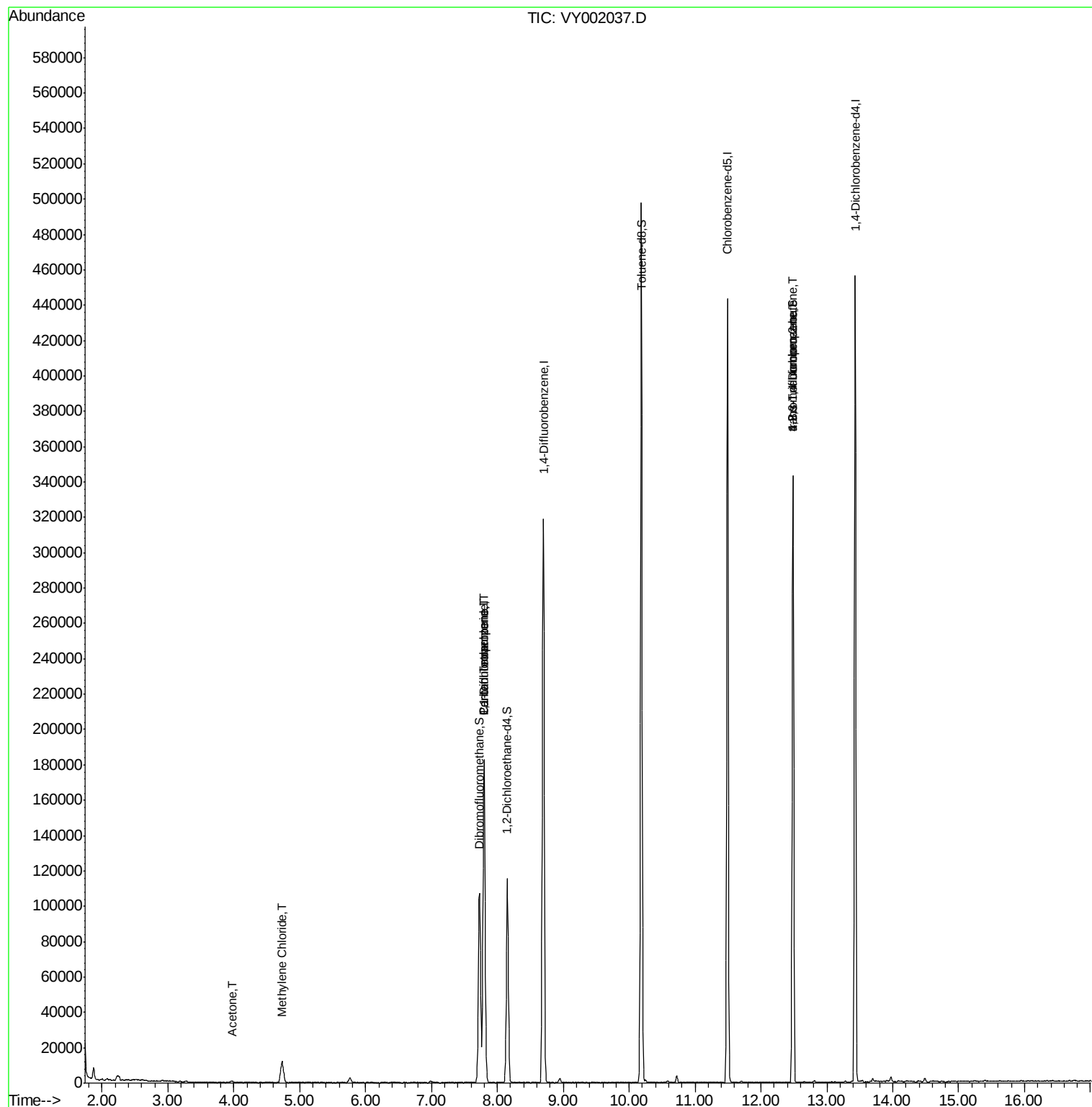
Target Compounds						Qvalue
16) Acetone	3.97	43	1611	3.72	ug/l #	64
20) Methylene Chloride	4.73	84	8928	4.81	ug/l	97
36) 1,1-Dichloropropene	7.80	75	11930	4.59	ug/l #	45
38) Carbon Tetrachloride	7.80	117	13949	6.29	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	55798	44.39	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	55798	89.67	ug/l #	17

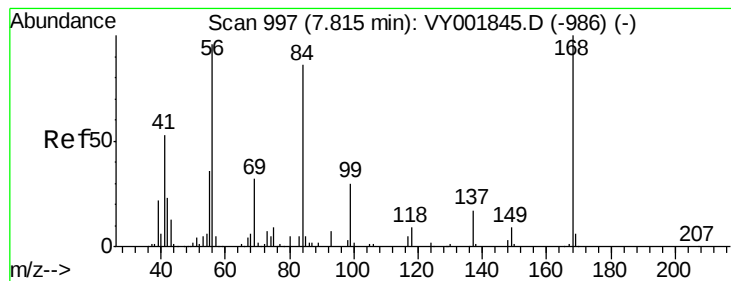
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002037.D

Acq: 20 Mar 2020 15:12

Instrument :

MSVOA_Y

ClientSampleId :

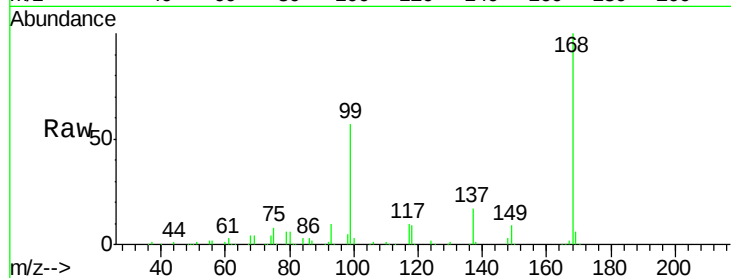
TP-4-(6-7)

Tgt Ion:168 Resp: 139218

Ion Ratio Lower Upper

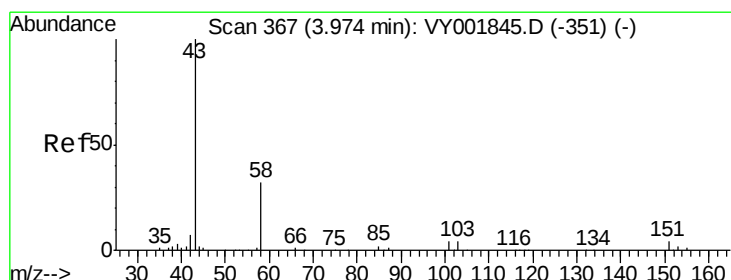
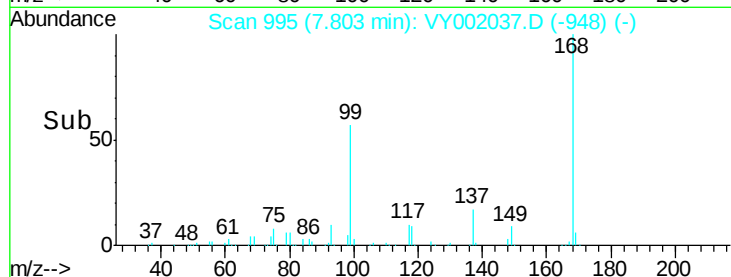
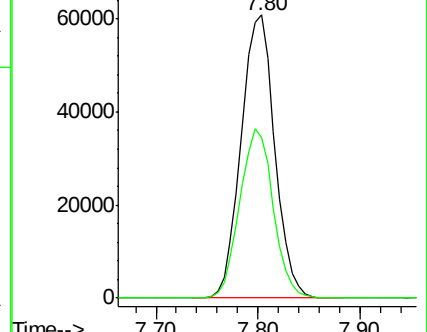
168 100

99 56.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#16

Acetone

Concen: 3.72 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002037.D

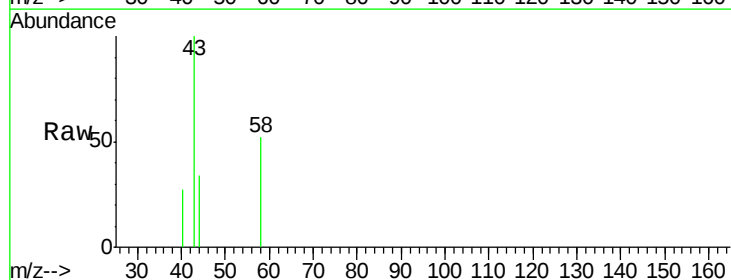
Acq: 20 Mar 2020 15:12

Tgt Ion: 43 Resp: 1611

Ion Ratio Lower Upper

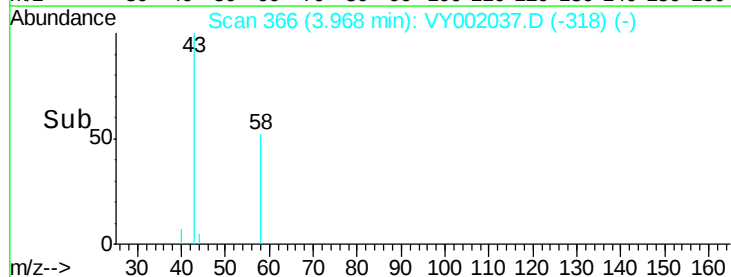
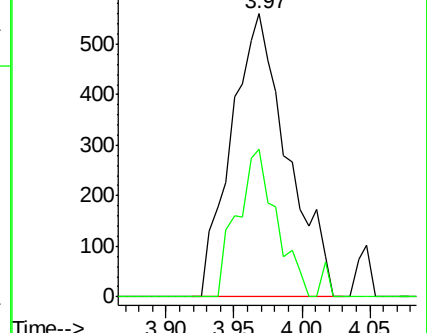
43 100

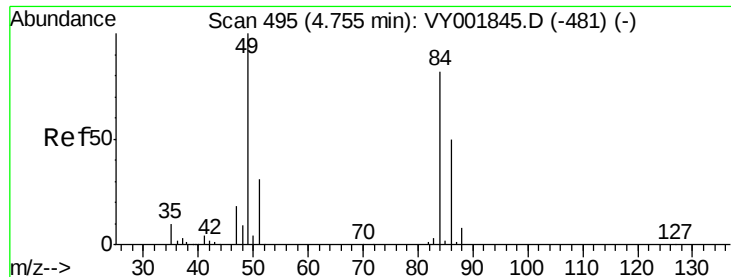
58 52.3 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)

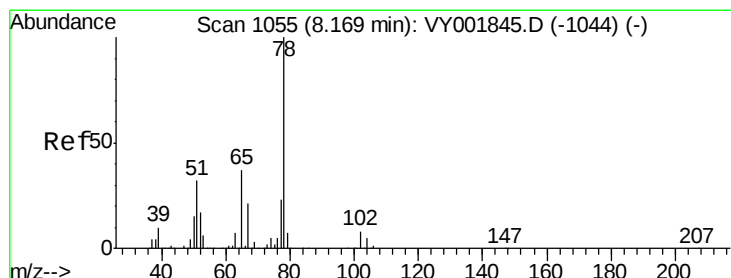
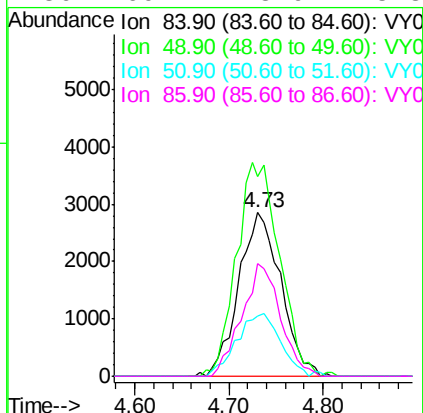
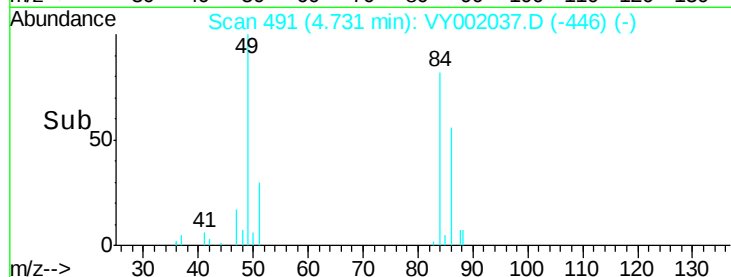
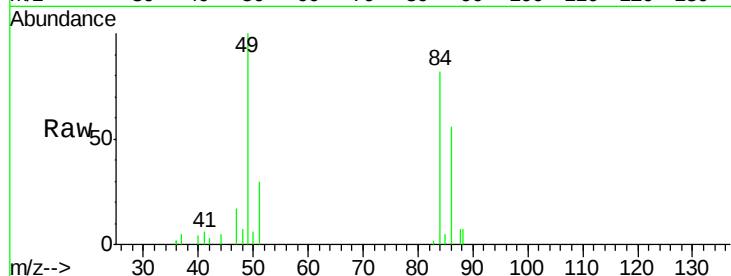




#20
Methylene Chloride
Concen: 4.81 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY002037.D
Acq: 20 Mar 2020 15:12

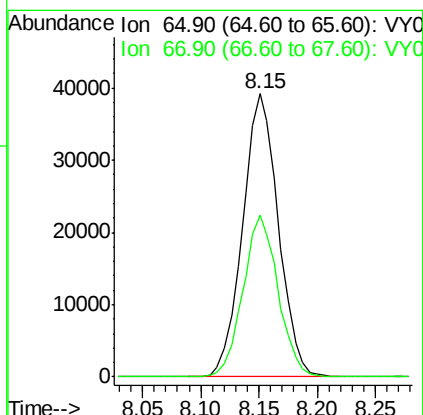
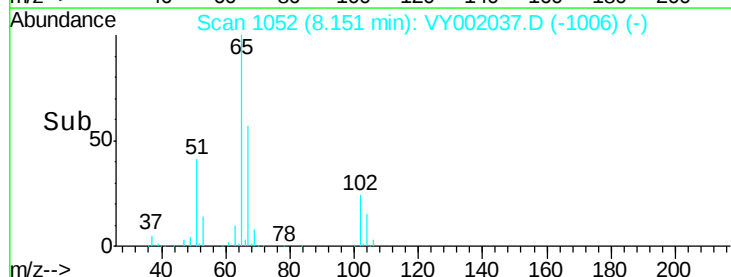
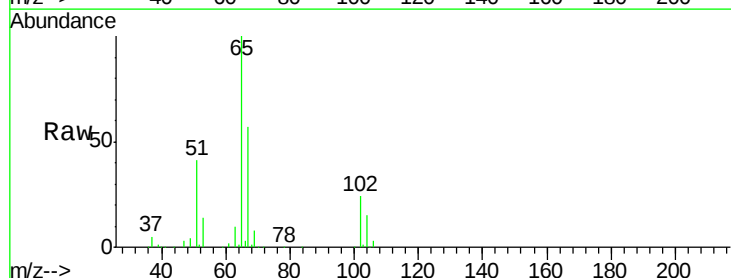
Instrument :
MSVOA_Y
ClientSampled :
TP-4-(6-7)

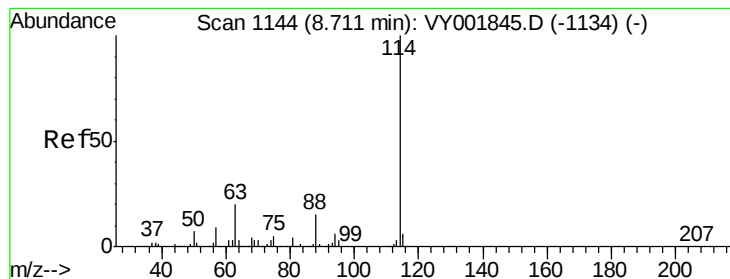
Tgt Ion: 84 Resp: 8928
Ion Ratio Lower Upper
84 100
49 122.5 98.2 147.2
51 36.8 30.2 45.2
86 69.2 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 56.18 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY002037.D
Acq: 20 Mar 2020 15:12

Tgt Ion: 65 Resp: 83501
Ion Ratio Lower Upper
65 100
67 56.1 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002037.D

Acq: 20 Mar 2020 15:12

Instrument :

MSVOA_Y

ClientSampleId :

TP-4-(6-7)

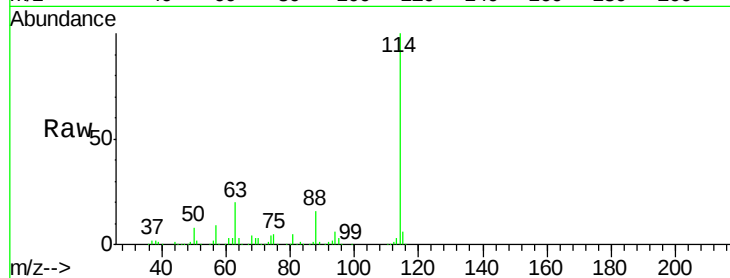
Tgt Ion:114 Resp: 269924

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

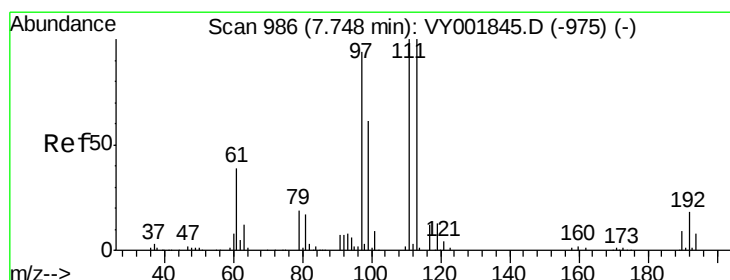
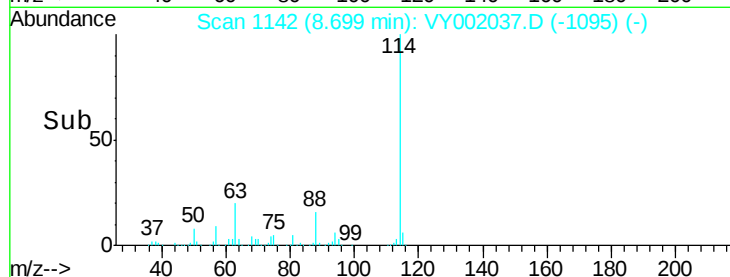
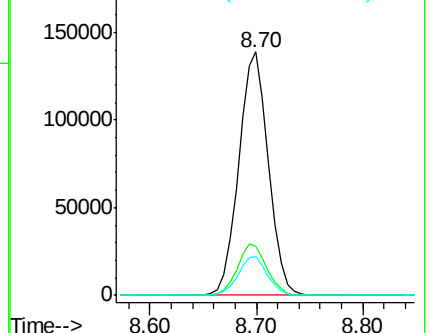
88 15.8 0.0 30.4



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: 53.33 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY002037.D

Acq: 20 Mar 2020 15:12

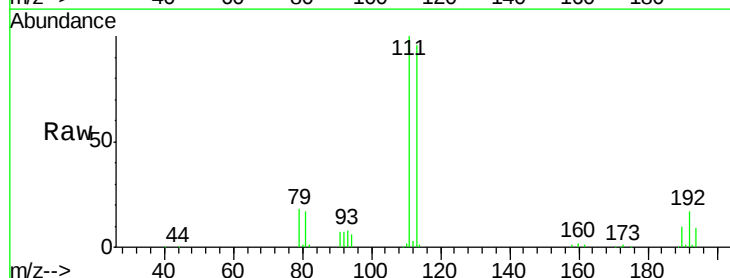
Tgt Ion:113 Resp: 78610

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.8

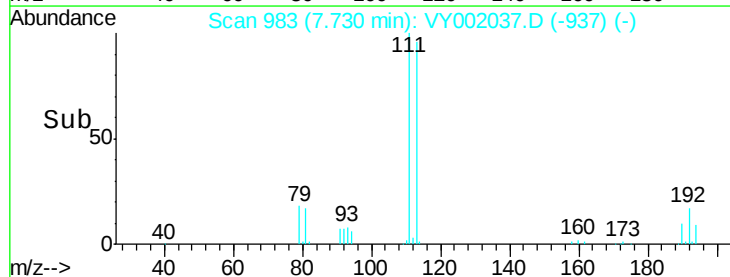
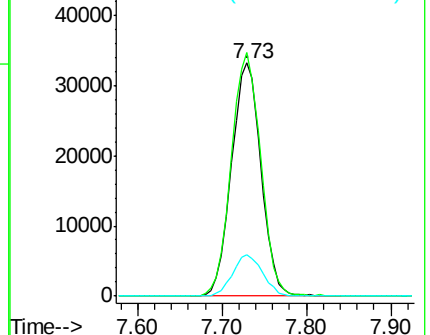
192 17.8 14.2 21.2

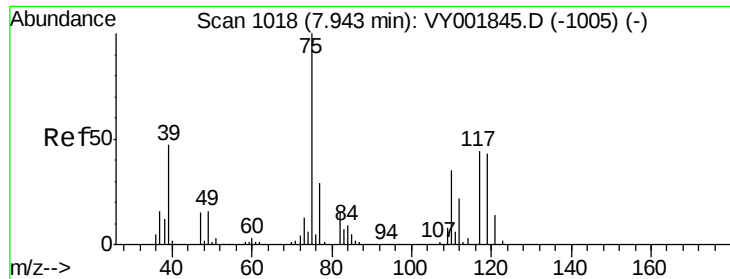


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

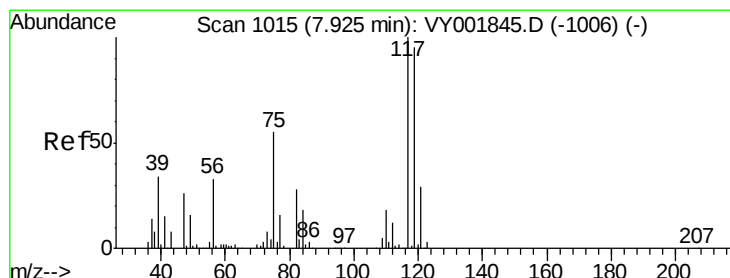
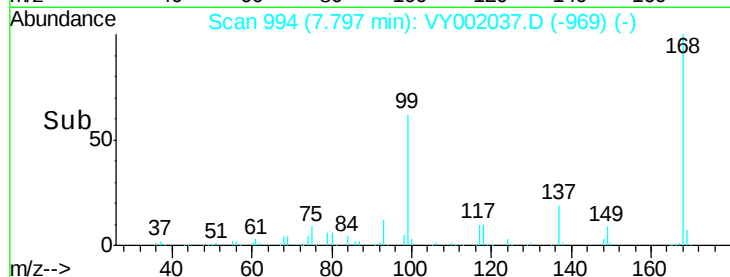
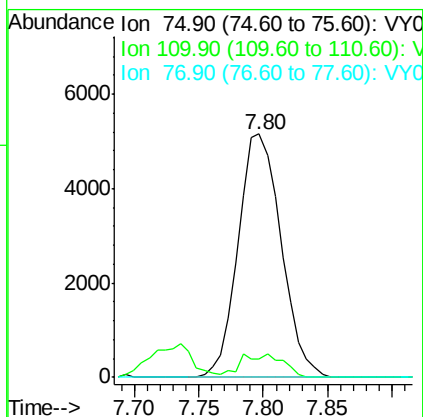
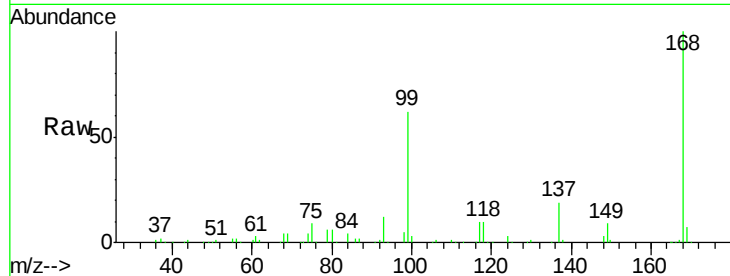




#36
 1,1-Dichloropropene
 Concen: 4.59 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.15 min
 Lab File: VY002037.D
 Acq: 20 Mar 2020 15:12

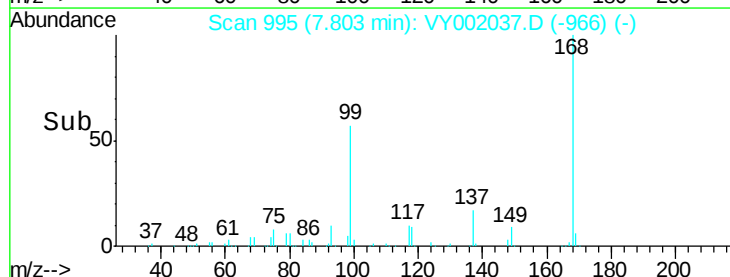
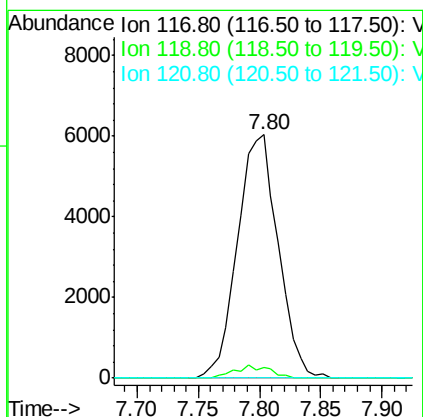
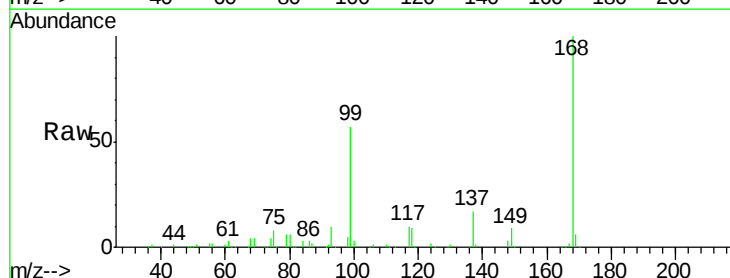
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-(6-7)

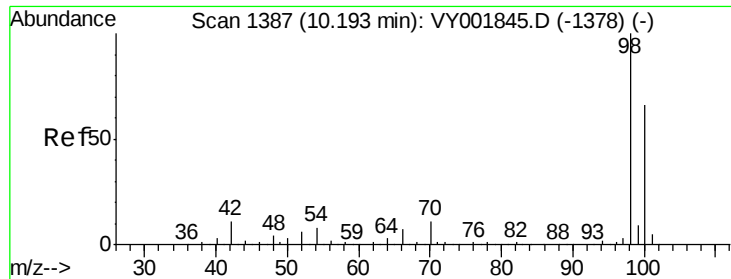
Tgt Ion: 75 Resp: 11930
 Ion Ratio Lower Upper
 75 100
 110 3.7 17.4 52.2#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 6.29 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY002037.D
 Acq: 20 Mar 2020 15:12

Tgt Ion: 117 Resp: 13949
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.3 114.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 52.89 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002037.D

Acq: 20 Mar 2020 15:12

Instrument :

MSVOA_Y

ClientSampleId :

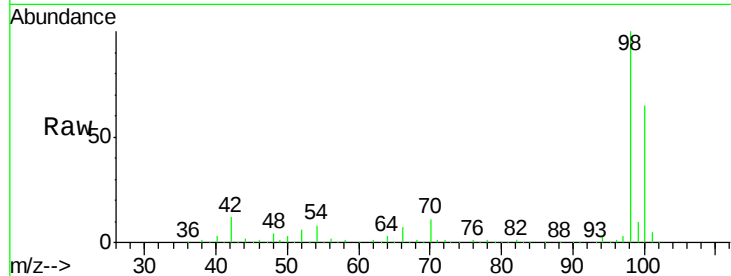
TP-4-(6-7)

Tgt Ion: 98 Resp: 328739

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

200000

150000

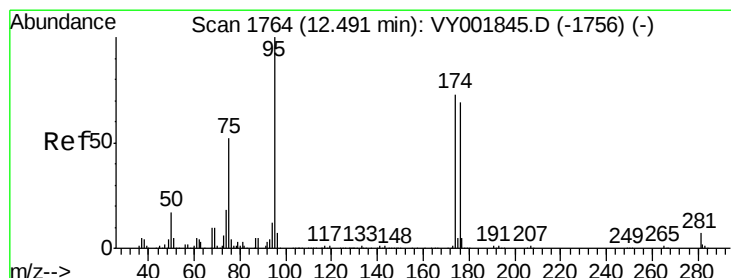
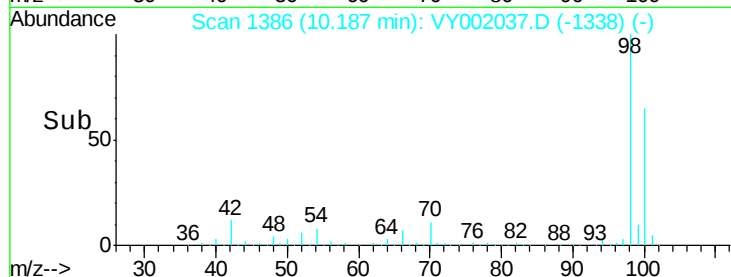
100000

50000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 50.90 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002037.D

Acq: 20 Mar 2020 15:12

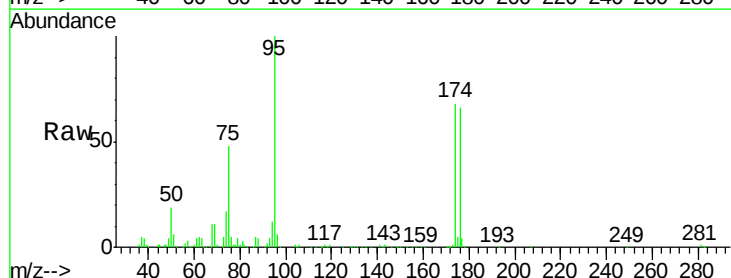
Tgt Ion: 95 Resp: 110003

Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.0

176 70.9 0.0 137.4



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

100000

80000

60000

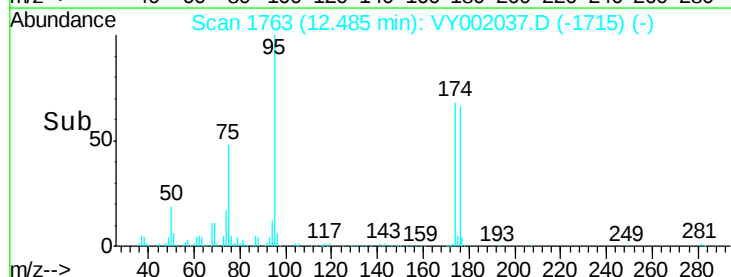
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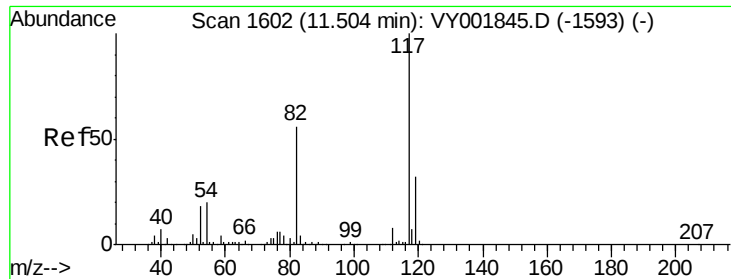
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Time-->

12.40 12.45 12.50 12.55

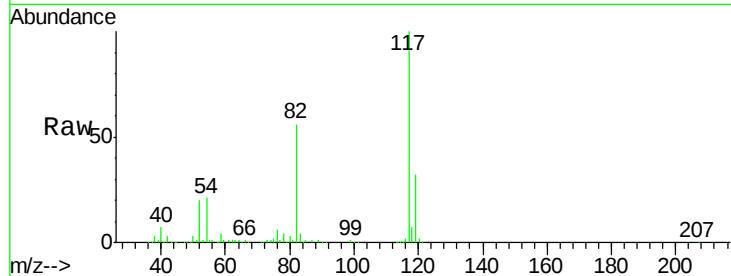




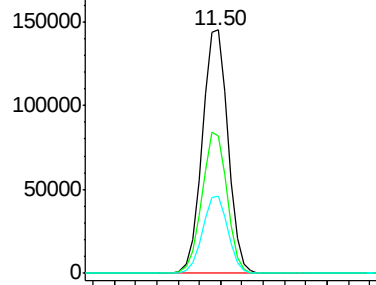
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002037.D
Acq: 20 Mar 2020 15:12

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-(6-7)

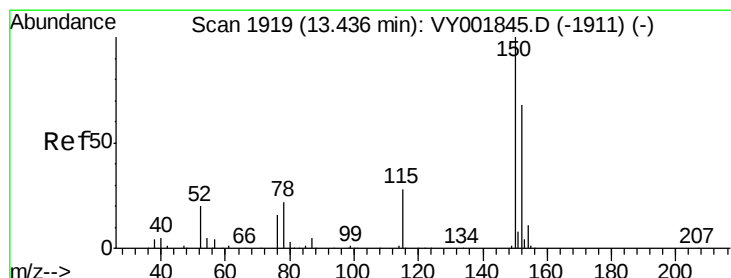
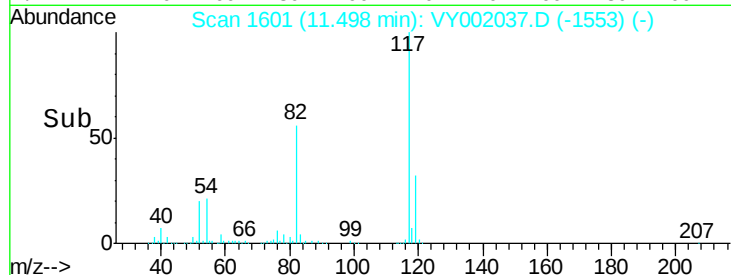
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.5	66.7
119	31.8	25.7	38.5



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

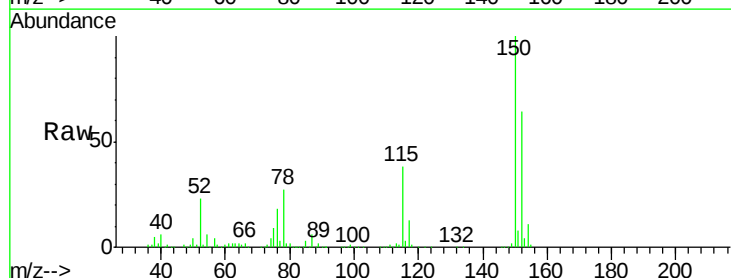


Time-->

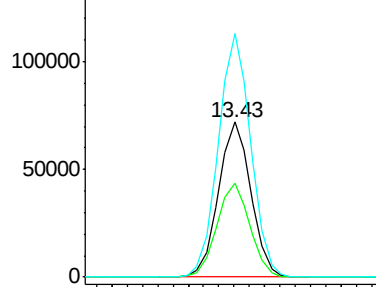


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002037.D
Acq: 20 Mar 2020 15:12

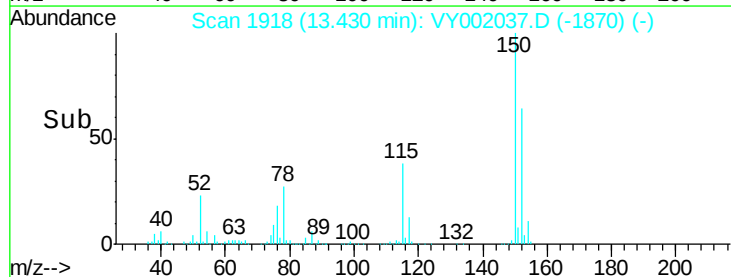
Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	29.9	89.7
150	156.5	0.0	340.6

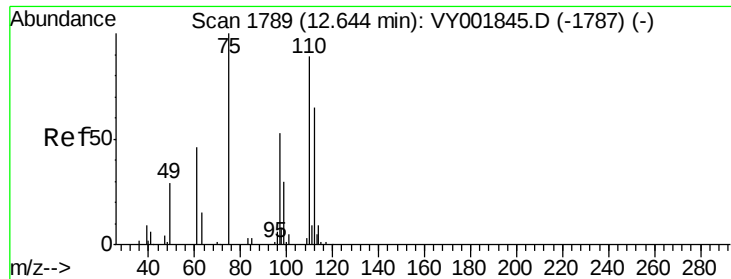


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->





#76

1,2,3-Trichloropropane

Concen: 44.39 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY002037.D

Acq: 20 Mar 2020 15:12

Instrument :

MSVOA_Y

ClientSampleId :

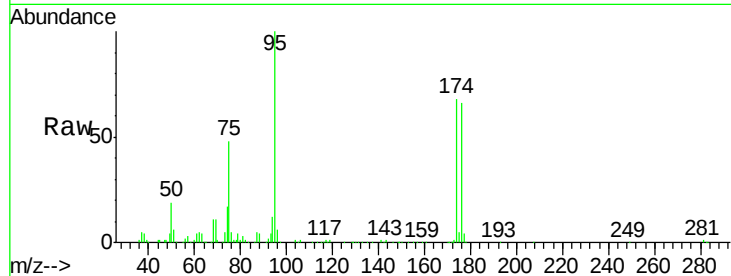
TP-4-(6-7)

Tgt Ion: 75 Resp: 55798

Ion Ratio Lower Upper

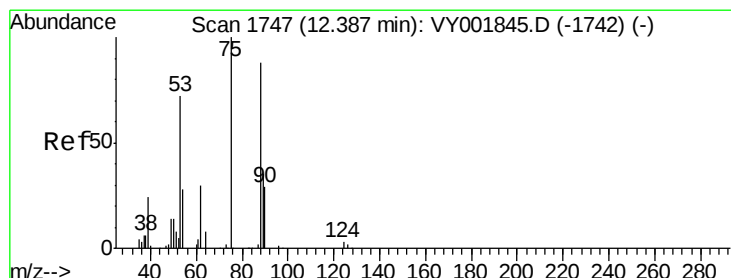
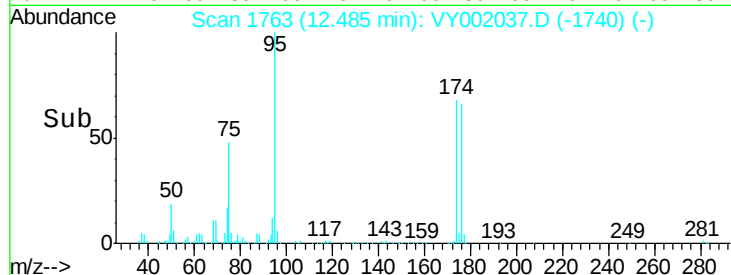
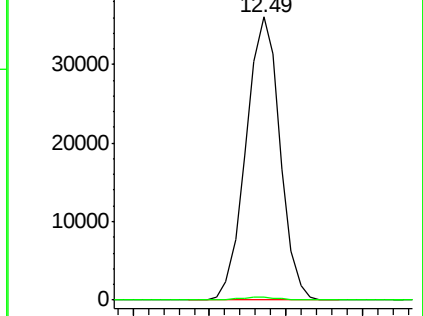
75 100

77 1.3 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: 89.67 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002037.D

Acq: 20 Mar 2020 15:12

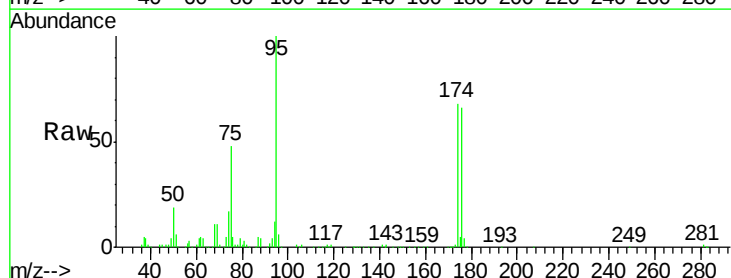
Tgt Ion: 75 Resp: 55798

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

89 0.1 36.0 54.0#



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

