

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002220.D
 Acq On : 03 Apr 2020 15:56
 Operator : SY/MD
 Sample : L2164-01
 Misc : 7.58G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROLL-OFF-GRAB

Quant Time: Apr 04 00:19:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

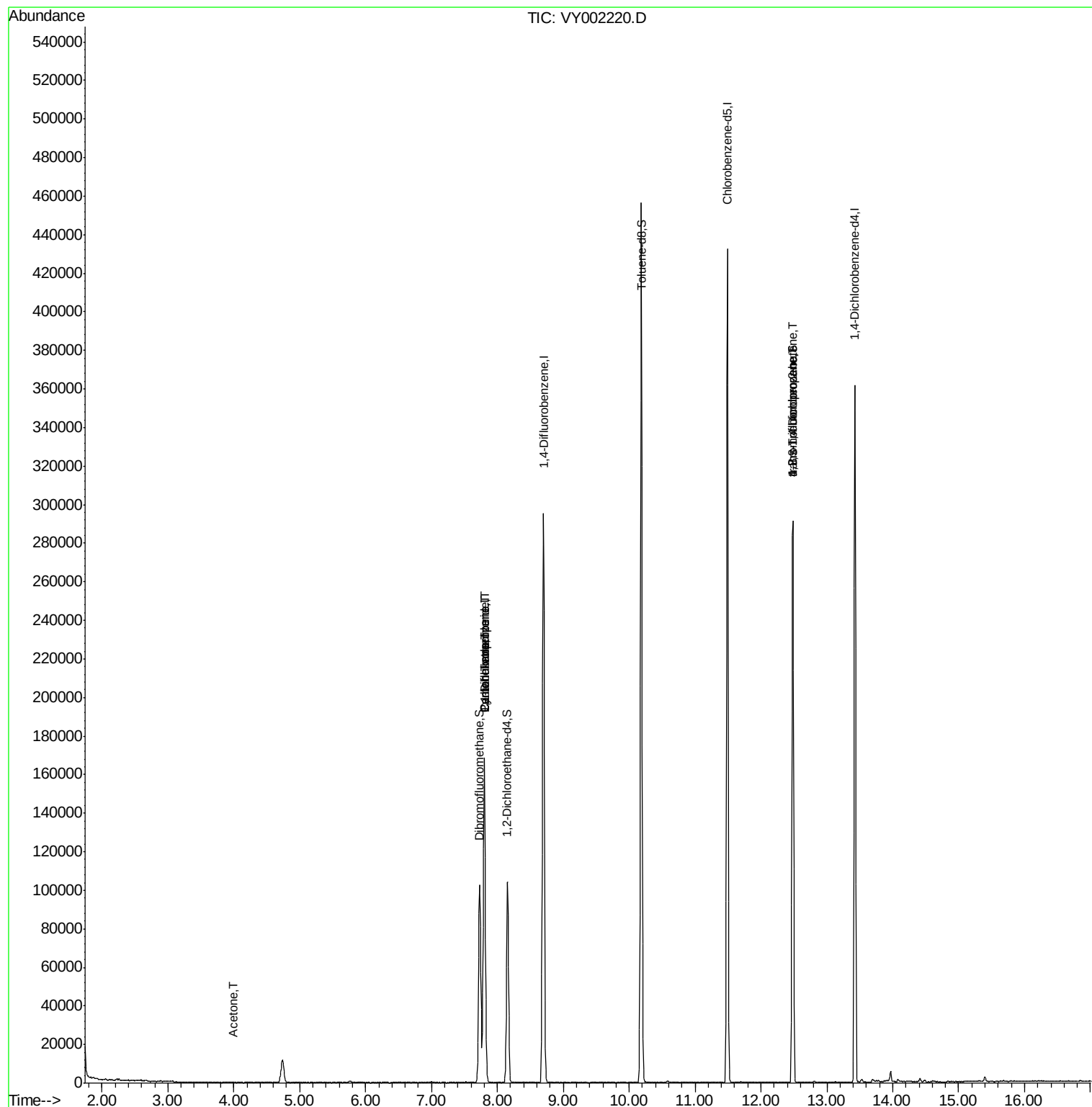
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	123374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	246670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	223204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	87419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	77001	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
35) Dibromofluoromethane	7.73	113	72120	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
50) Toluene-d8	10.18	98	301201	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.49	95	97809	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
Target Compounds						
					Qvalue	
16) Acetone	3.98	43	476	1.242	ug/l #	49
31) Cyclohexane	7.80	56	2969	1.045	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10684	4.579	ug/l #	49
38) Carbon Tetrachloride	7.80	117	12915	6.524	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	50629	51.775	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	50629	100.307	ug/l #	17

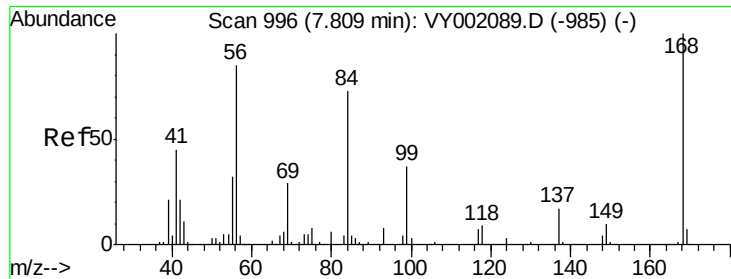
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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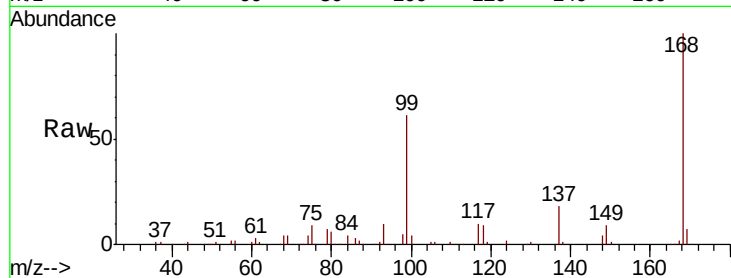




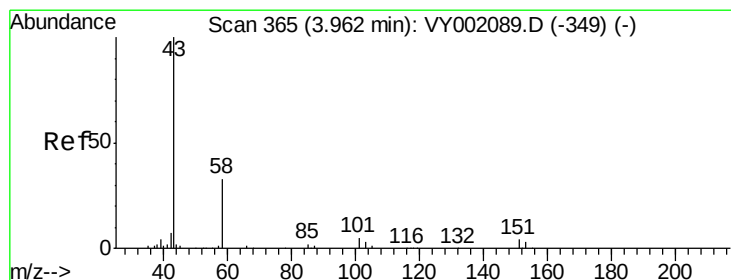
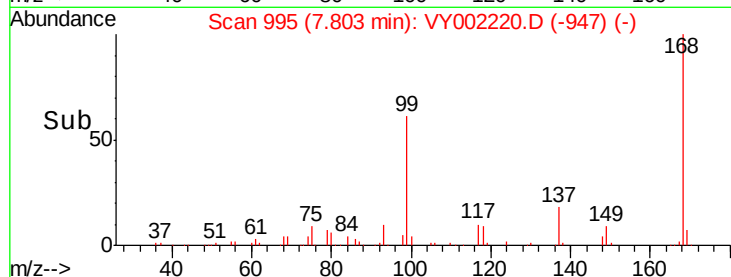
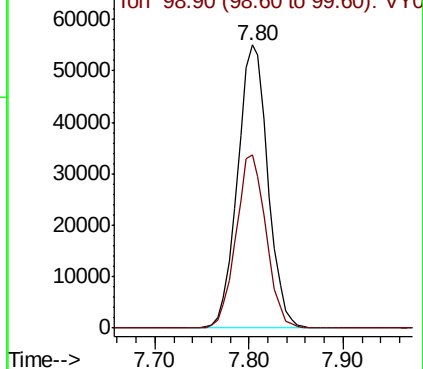
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002220.D
Acq: 03 Apr 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :
ROLL-OFF-GRAB

Tot Ion:168 Resp: 123374
Ion Ratio Lower Upper
168 100
99 61.2 47.6 71.4

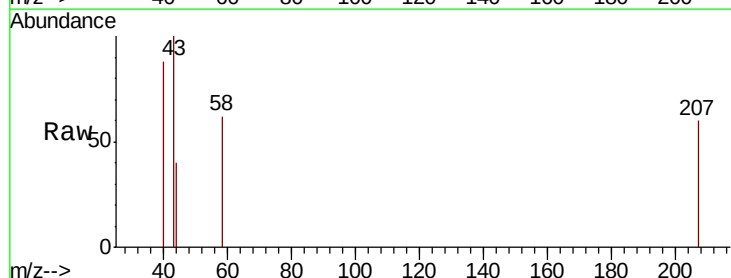


Abundance Ion 167.90 (167.60 to 168.60): VY002220.D (-947) (-)
Ion 98.90 (98.60 to 99.60): VY002220.D (-947) (-)

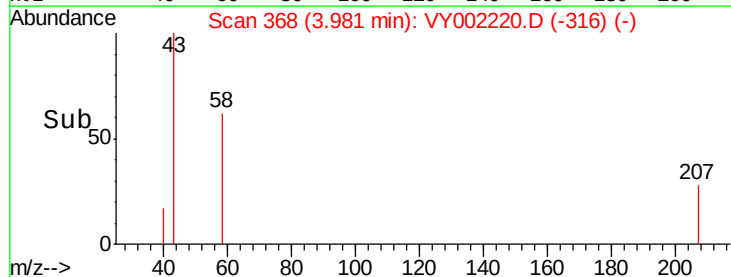
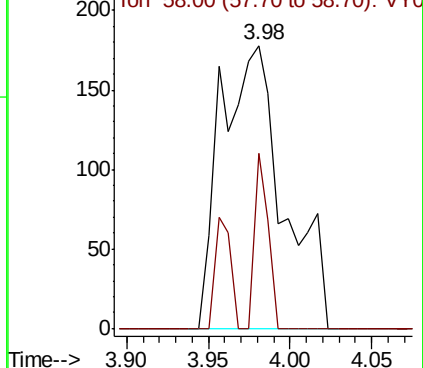


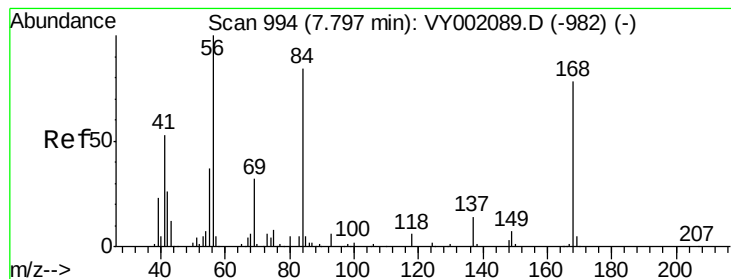
#16
Acetone
Concen: 1.242 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.02 min
Lab File: VY002220.D
Acq: 03 Apr 2020 15:56

Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
58 61.8 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002220.D (-316) (-)
Ion 58.00 (57.70 to 58.70): VY002220.D (-316) (-)





#31

Cyclohexane

Concen: 1.045 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002220.D

Acq: 03 Apr 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

ROLL-OFF-GRAB

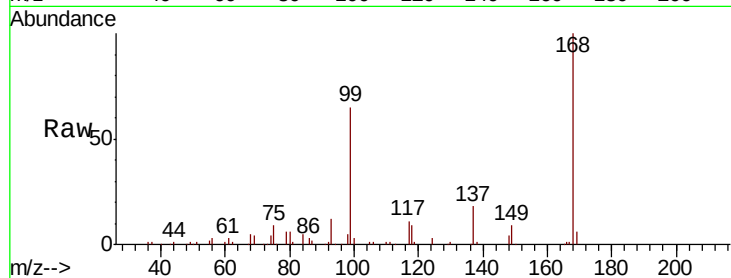
Tot Ion: 56 Resp: 2969

Ion Ratio Lower Upper

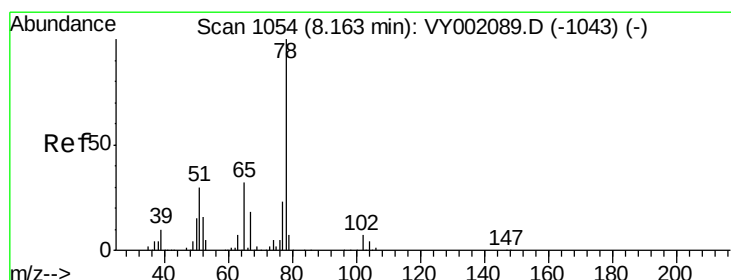
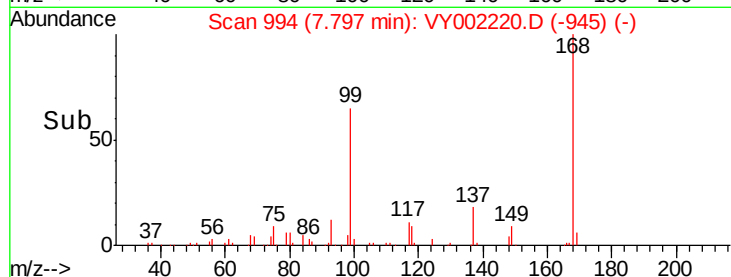
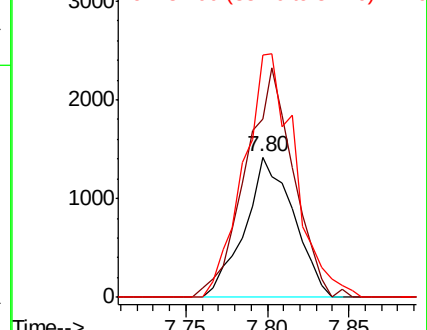
56 100

69 127.3 25.8 38.8#

84 173.4 67.1 100.7#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 56.458 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002220.D

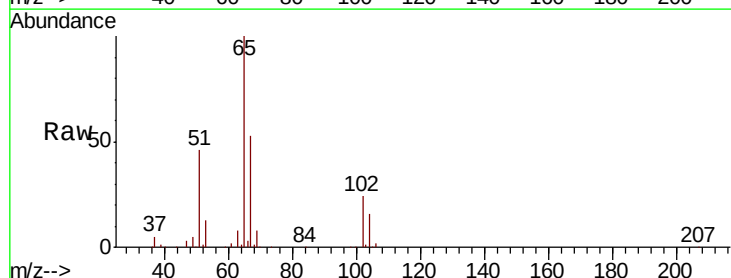
Acq: 03 Apr 2020 15:56

Tgt Ion: 65 Resp: 77001

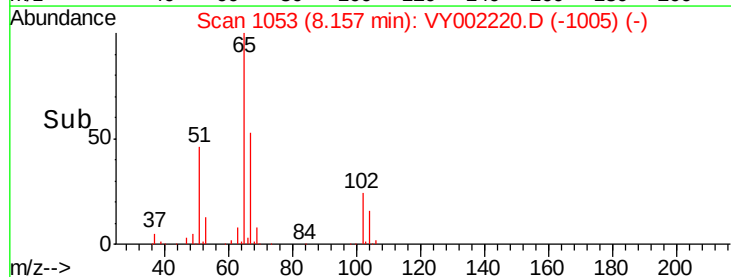
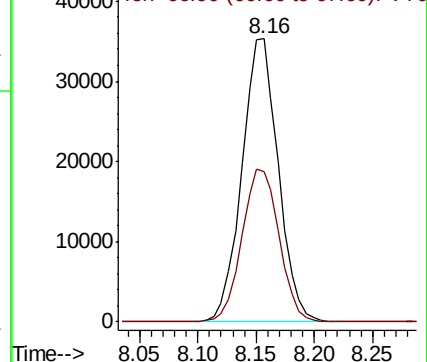
Ion Ratio Lower Upper

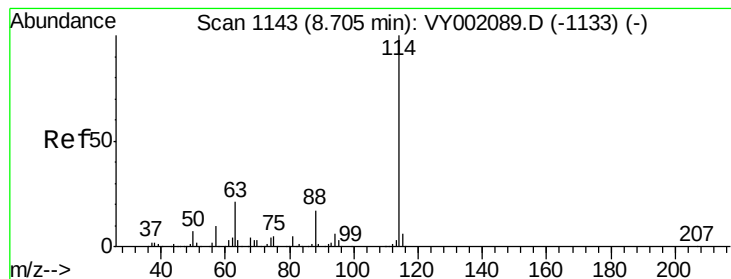
65 100

67 55.0 0.0 112.8



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: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002220.D

Acq: 03 Apr 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

ROLL-OFF-GRAB

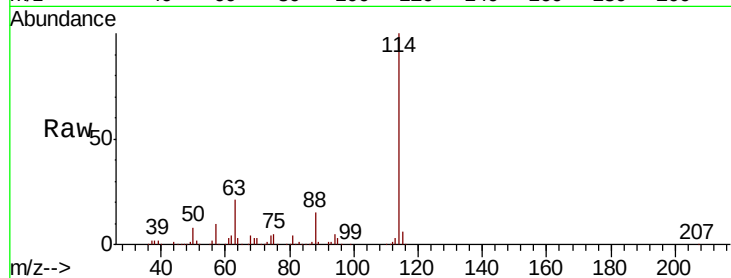
Tot Ion:114 Resp: 246670

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

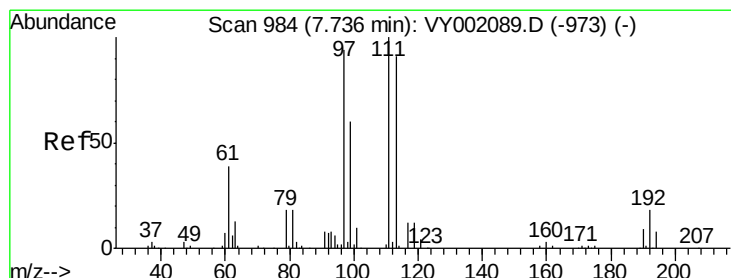
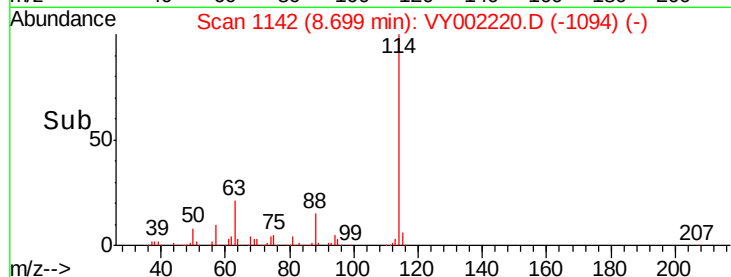
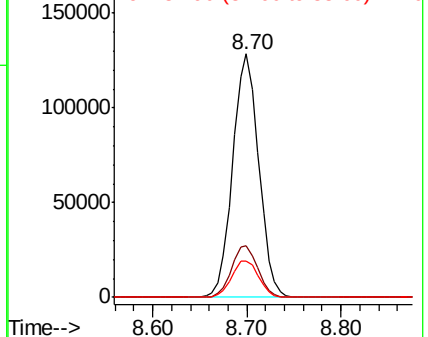
88 14.7 0.0 33.0



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: 52.180 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002220.D

Acq: 03 Apr 2020 15:56

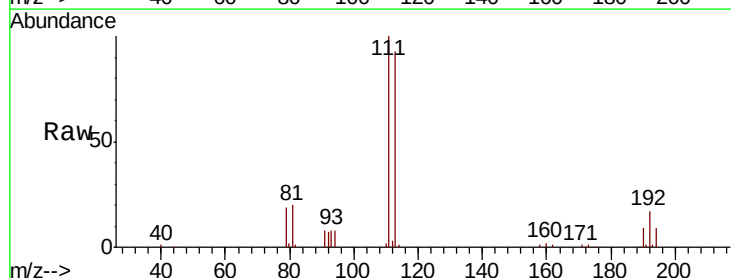
Tgt Ion:113 Resp: 72120

Ion Ratio Lower Upper

113 100

111 104.0 84.4 126.6

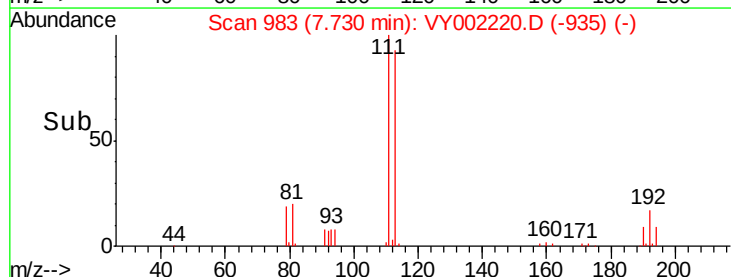
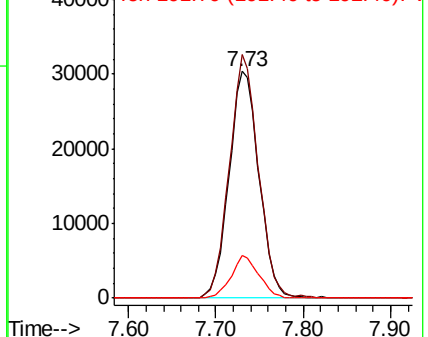
192 17.5 14.6 21.8

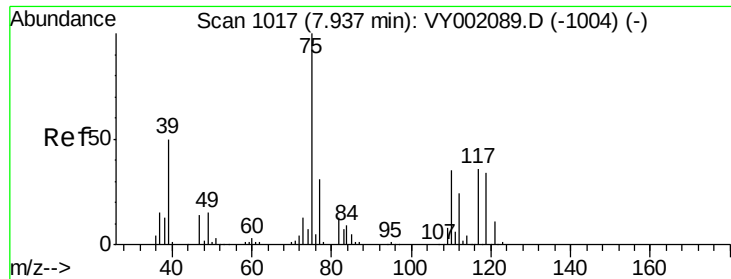


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

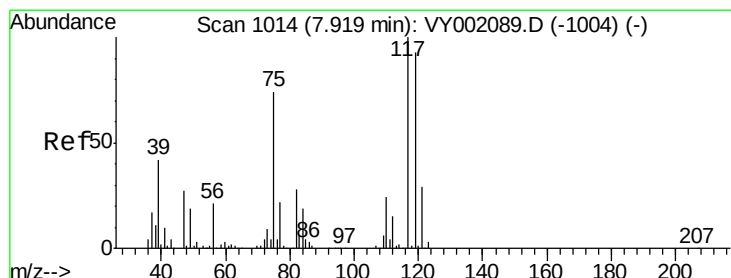
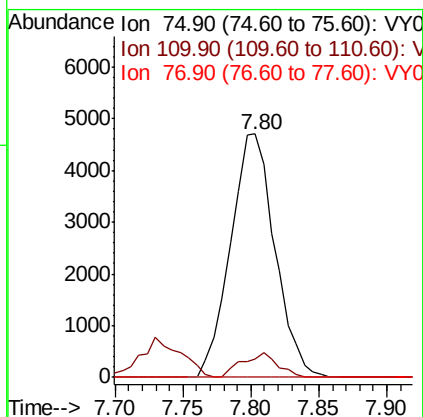
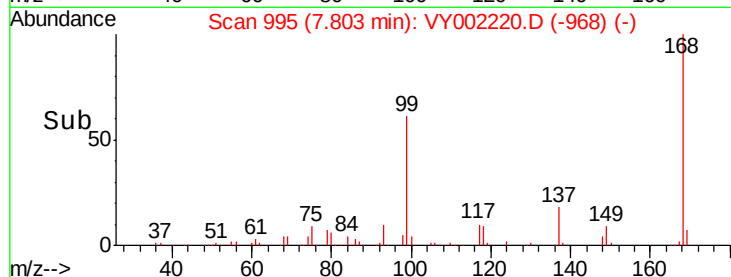
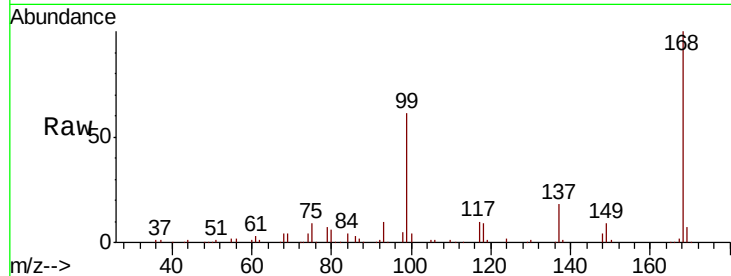




#36
 1,1-Dichloropropene
 Concen: 4.579 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002220.D
 Acq: 03 Apr 2020 15:56

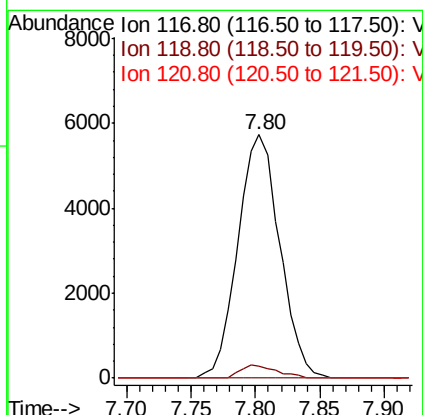
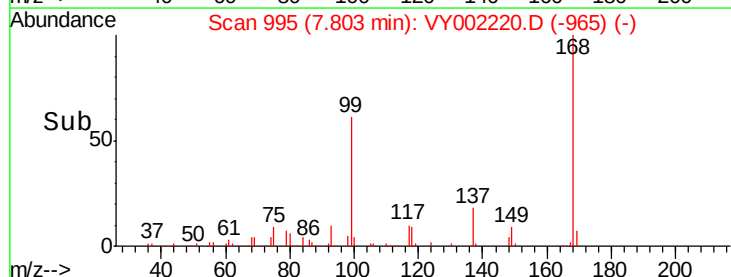
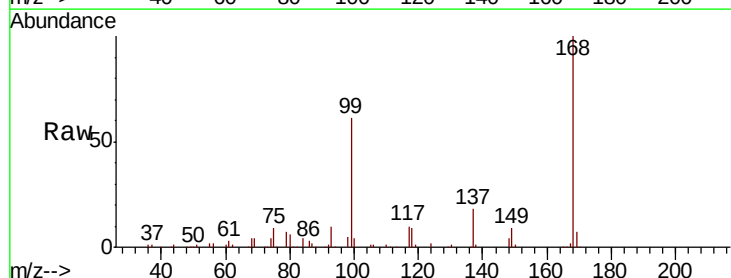
Instrument :
 MSVOA_Y
 ClientSampleId :
 ROLL-OFF-GRAB

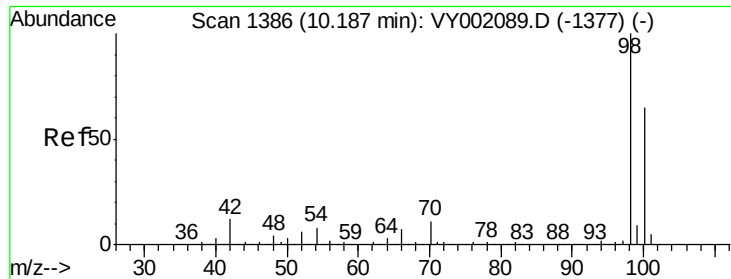
Tot Ion: 75 Resp: 10684
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.2 51.6#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.524 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY002220.D
 Acq: 03 Apr 2020 15:56

Tgt Ion: 117 Resp: 12915
 Ion Ratio Lower Upper
 117 100
 119 4.9 74.3 111.5#
 121 0.0 23.3 34.9#





#50

Toluene-d8

Concen: 52.459 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002220.D

Acq: 03 Apr 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

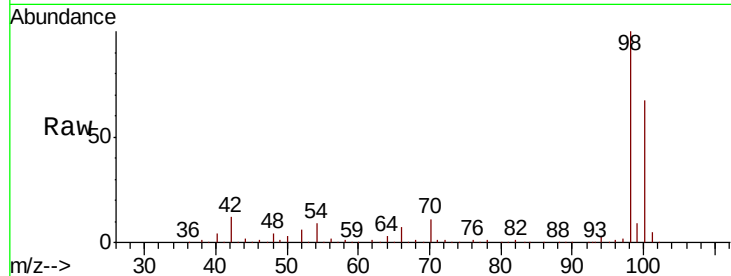
ROLL-OFF-GRAB

Tot Ion: 98 Resp: 301201

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002089.D (-1377) (-)

10.18

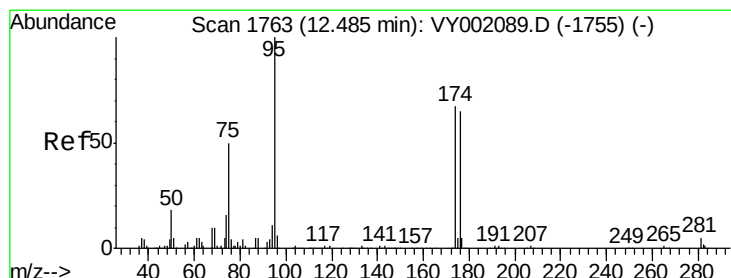
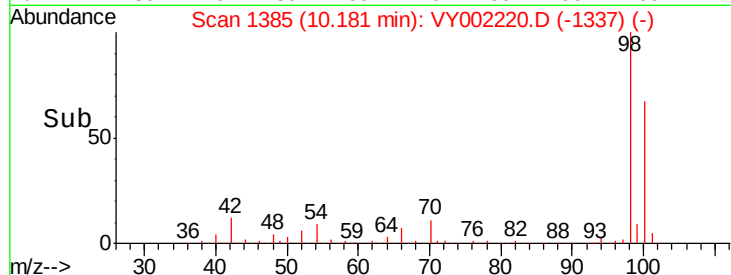
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.708 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002220.D

Acq: 03 Apr 2020 15:56

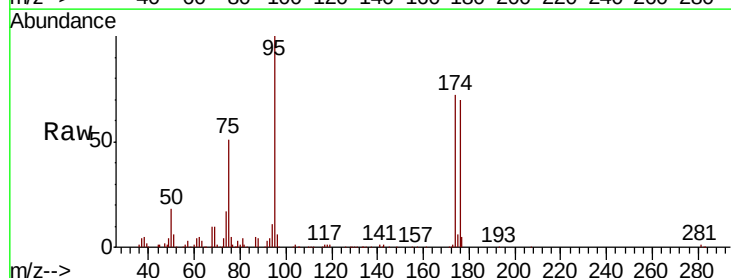
Tgt Ion: 95 Resp: 97809

Ion Ratio Lower Upper

95 100

174 71.3 0.0 143.4

176 68.6 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002089.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002089.D (-1755) (-)

12.49

80000

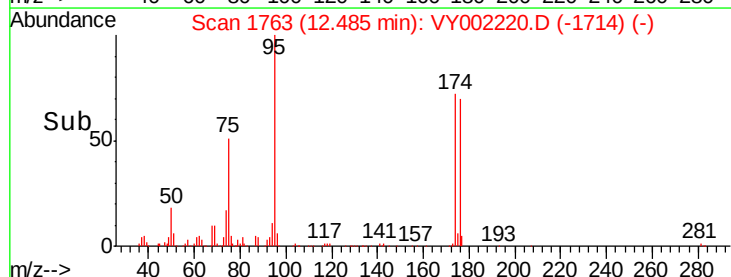
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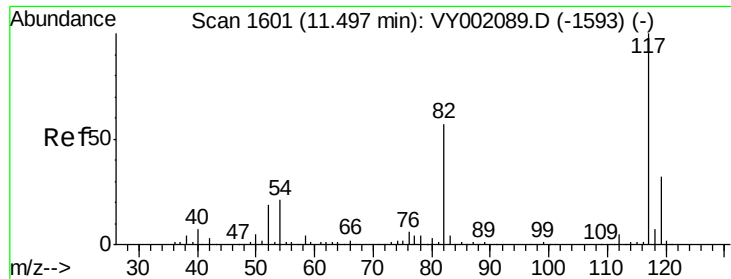
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20000

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Time-->

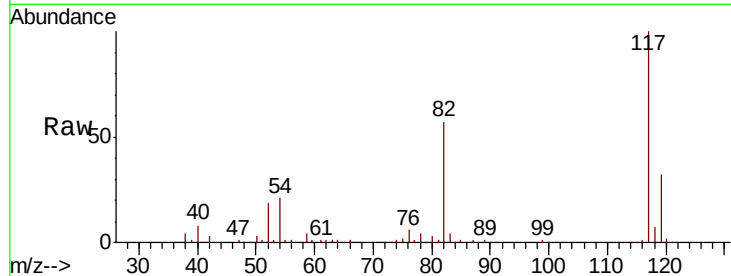




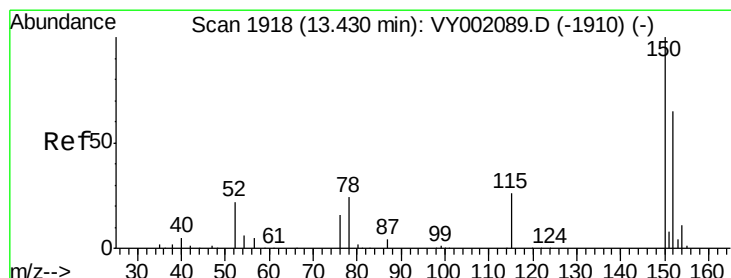
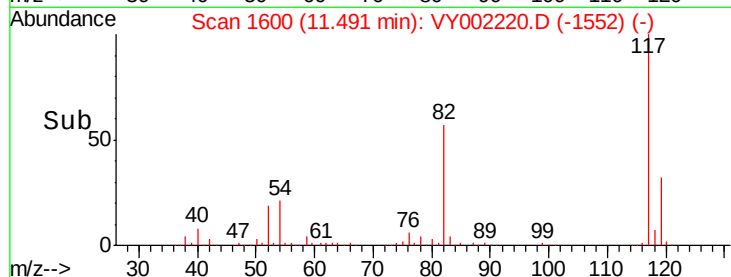
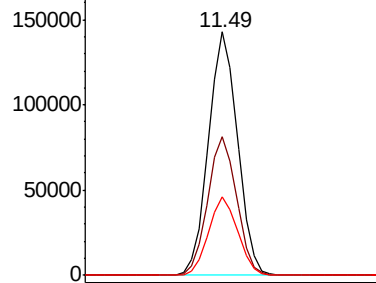
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002220.D
Acq: 03 Apr 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :
ROLL-OFF-GRAB

Tot Ion:117 Resp: 223204
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 32.1 25.3 37.9

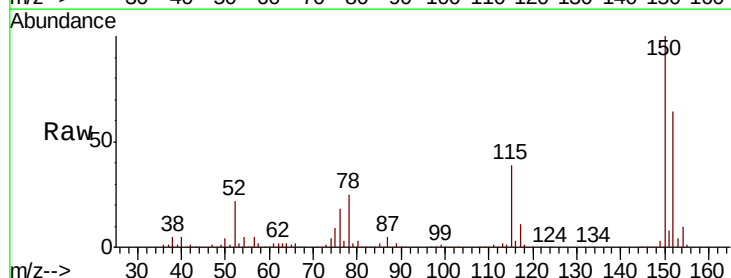


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

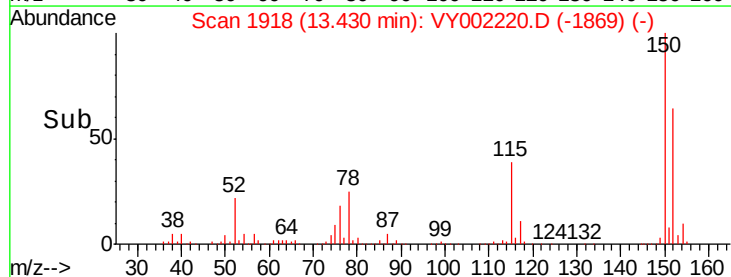
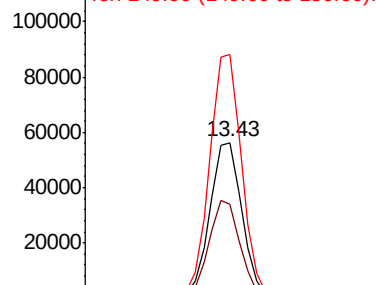


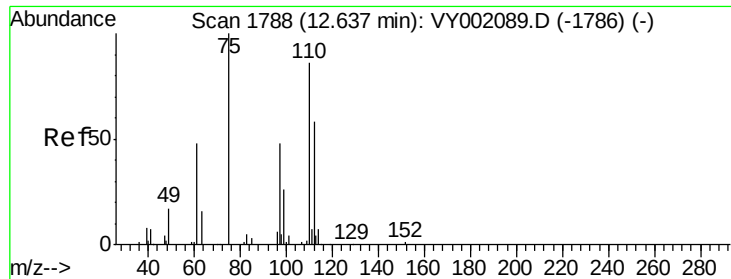
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002220.D
Acq: 03 Apr 2020 15:56

Tgt Ion:152 Resp: 87419
Ion Ratio Lower Upper
152 100
115 61.5 31.2 93.6
150 156.5 0.0 354.8



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: 51.775 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002220.D

Acq: 03 Apr 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

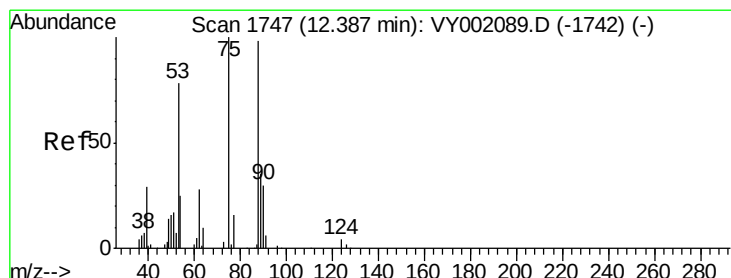
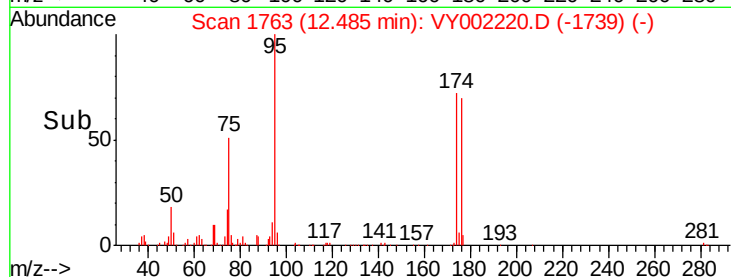
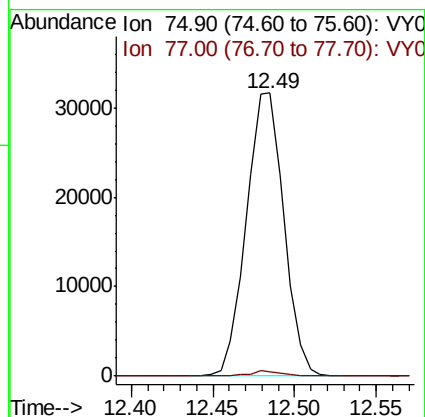
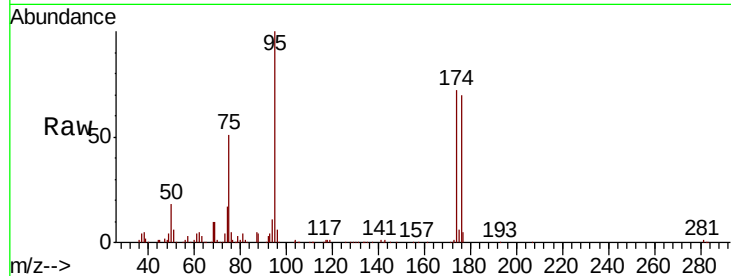
ROLL-OFF-GRAB

Tot Ion: 75 Resp: 50629

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 100.307 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002220.D

Acq: 03 Apr 2020 15:56

Tgt Ion: 75 Resp: 50629

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#

