

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003081.D
 Acq On : 02 Jul 2020 13:36
 Operator : SY/MD
 Sample : VIBLK
 Misc : 7.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 03 02:36:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	705863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1101735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	1022111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	534674	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	321396	45.84	ug/l	0.00
Spiked Amount						
			Recovery	=	91.68%	
35) Dibromofluoromethane	7.72	113	333152	48.47	ug/l	0.00
Spiked Amount						
			Recovery	=	96.94%	
50) Toluene-d8	10.18	98	1257181	49.10	ug/l	0.00
Spiked Amount						
			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.48	95	436926	48.48	ug/l	0.00
Spiked Amount						
			Recovery	=	96.96%	

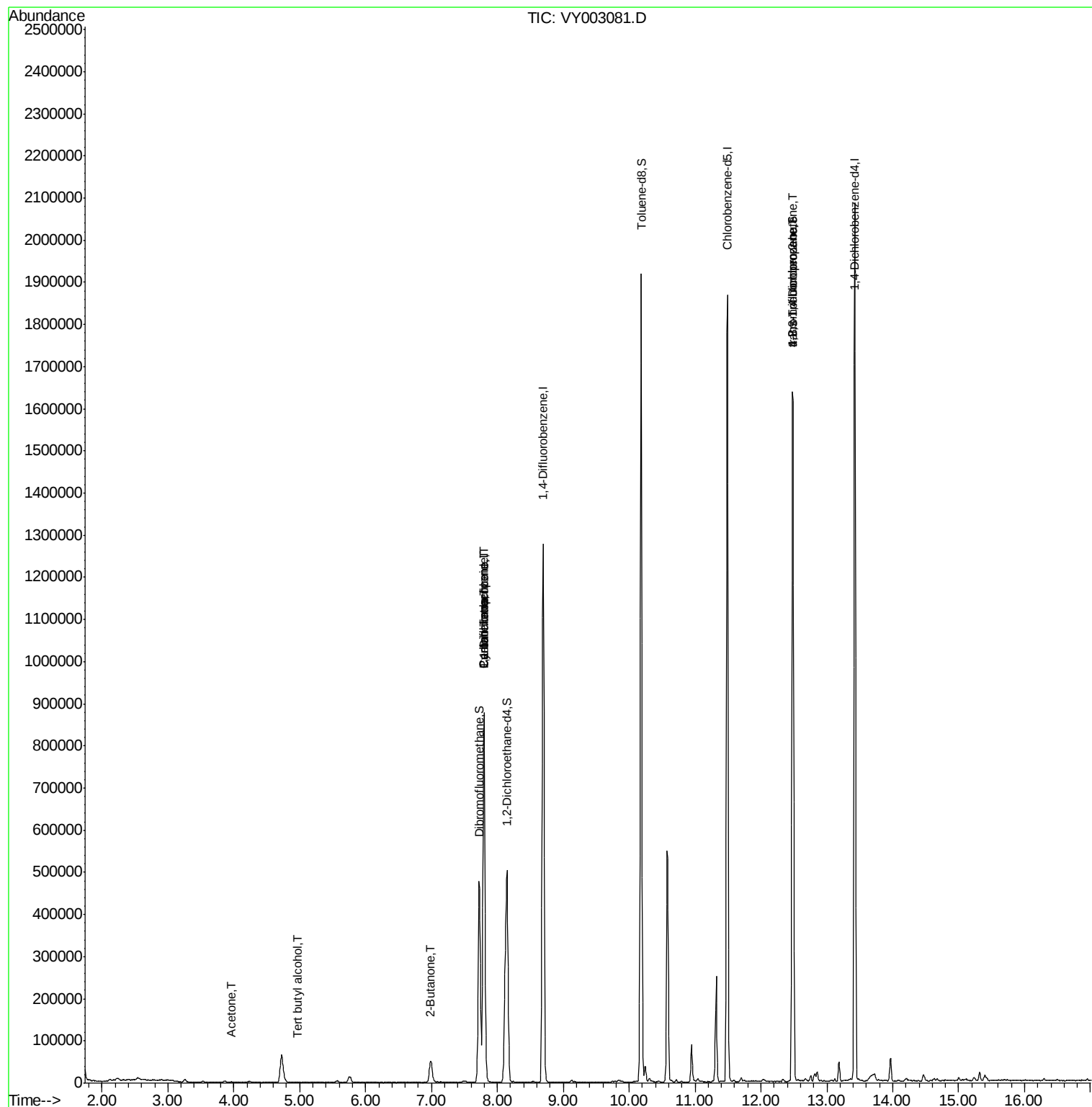
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	1471	2.059	ug/l #	76
16) Acetone	3.97	43	2780	1.681	ug/l #	87
20) Methylene Chloride	4.73	84	50054	Below Cal		92
25) 2-Butanone	6.99	43	3436	1.308	ug/l #	84
31) Cyclohexane	7.80	56	13817	1.121	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	49351	4.650	ug/l #	50
38) Carbon Tetrachloride	7.80	117	63504	5.751	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	228827	43.243	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	228827	84.133	ug/l #	13

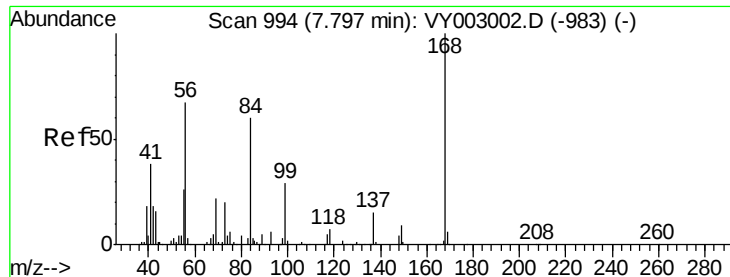
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY003081.D

Acq: 02 Jul 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

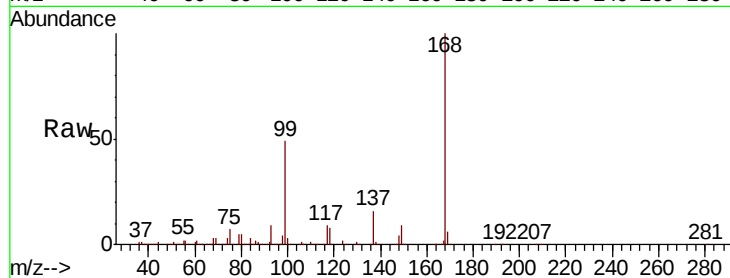
VIBLK

Tot Ion:168 Resp: 705863

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

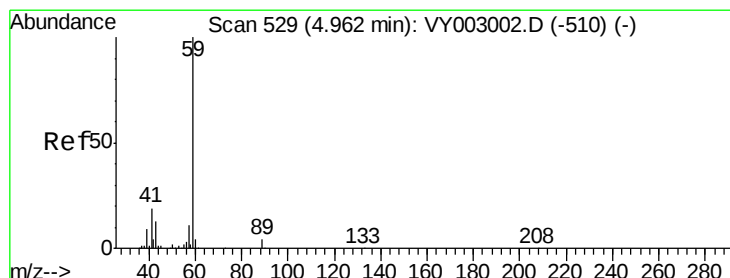
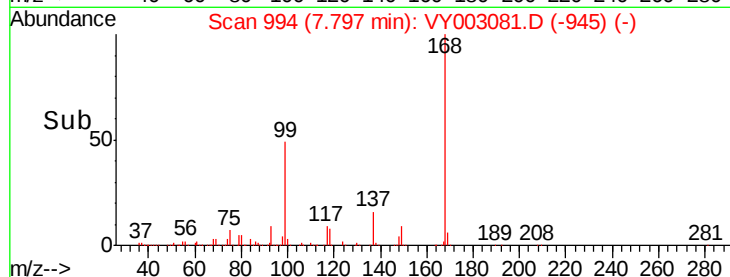
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.059 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.00 min

Lab File: VY003081.D

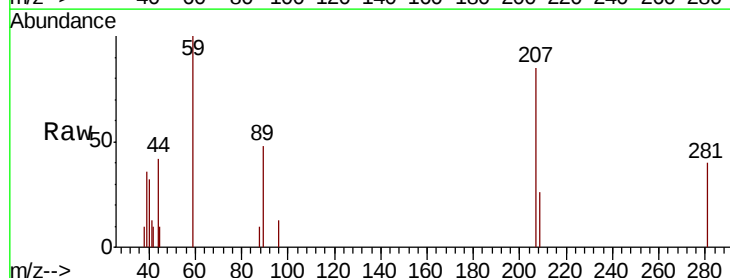
Acq: 02 Jul 2020 13:36

Tgt Ion: 59 Resp: 1471

Ion Ratio Lower Upper

59 100

57 1.3 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY003002.D (-510) (-)

Ion 57.00 (56.70 to 57.70): VY003002.D (-510) (-)

4.96

600

500

400

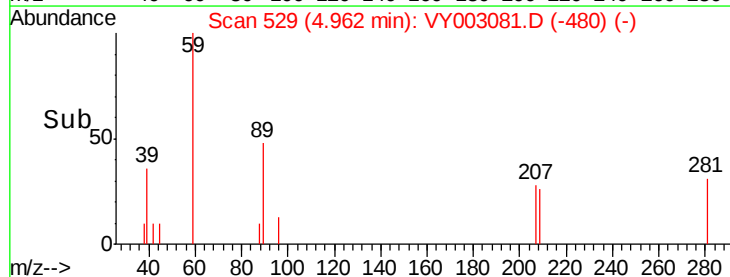
300

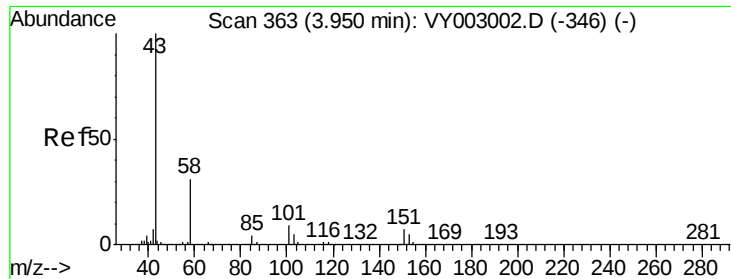
200

100

0

Time-->





#16

Acetone

Concen: 1.681 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

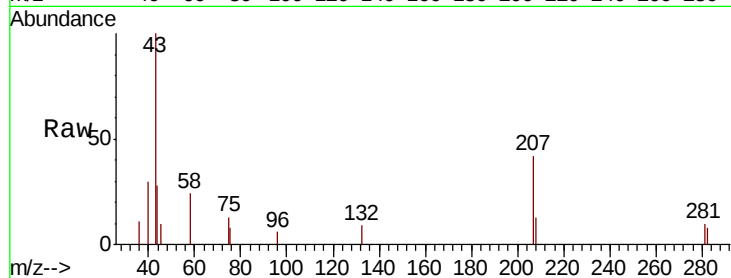
VIBLK

Tot Ion: 43 Resp: 2780

Ion Ratio Lower Upper

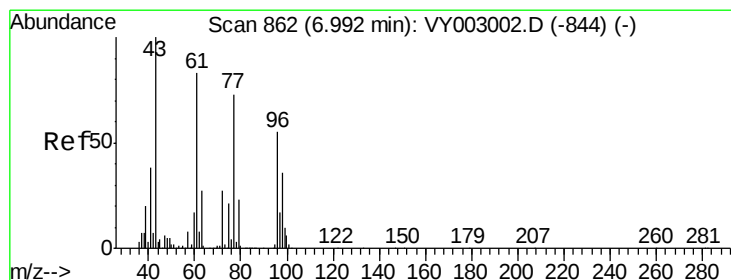
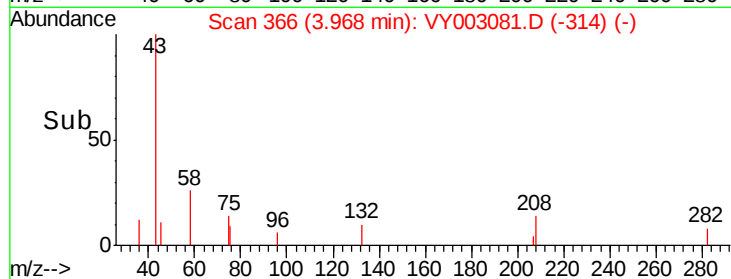
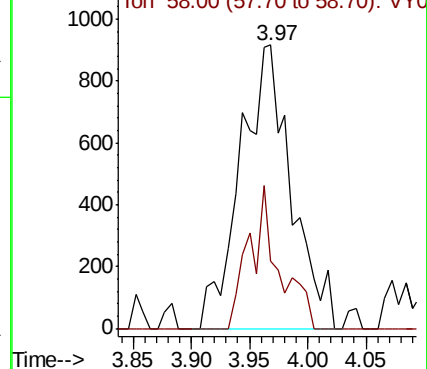
43 100

58 23.7 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#25

2-Butanone

Concen: 1.308 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003081.D

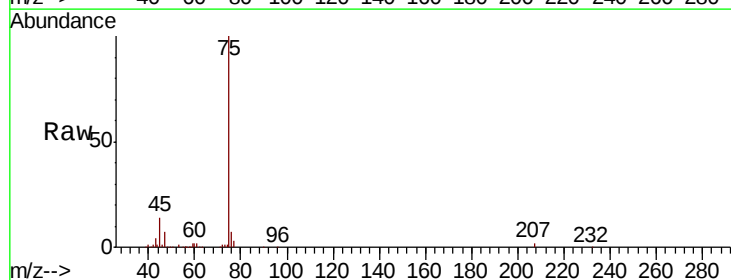
Acq: 02 Jul 2020 13:36

Tgt Ion: 43 Resp: 3436

Ion Ratio Lower Upper

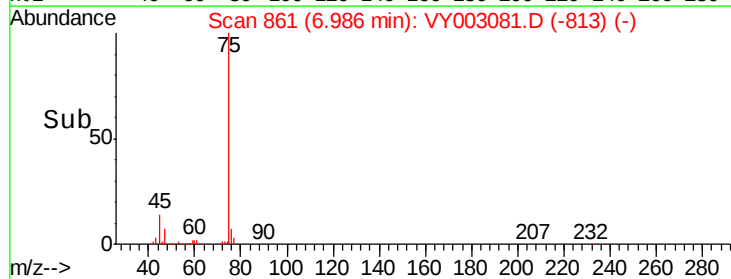
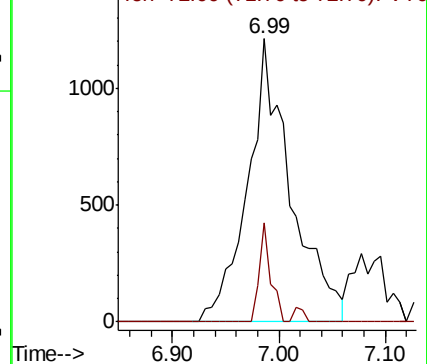
43 100

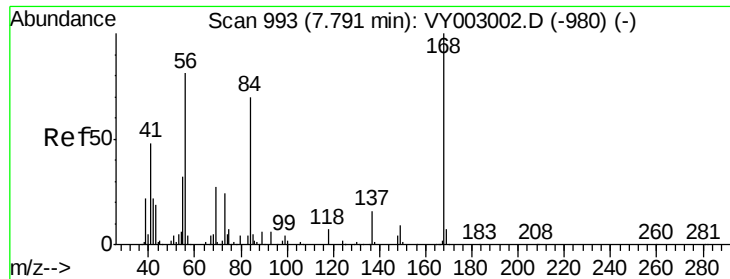
72 34.9 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

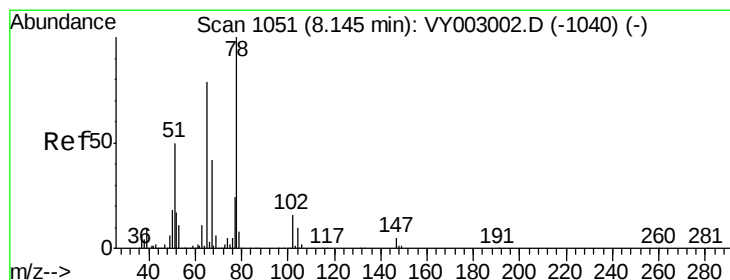
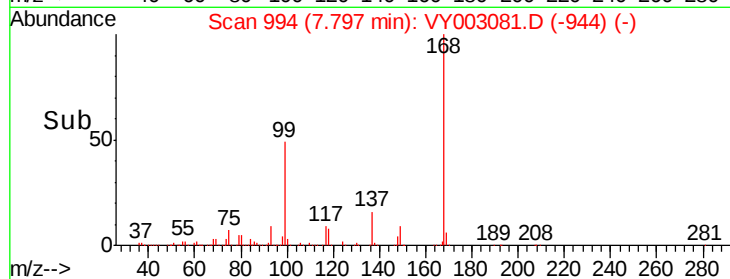
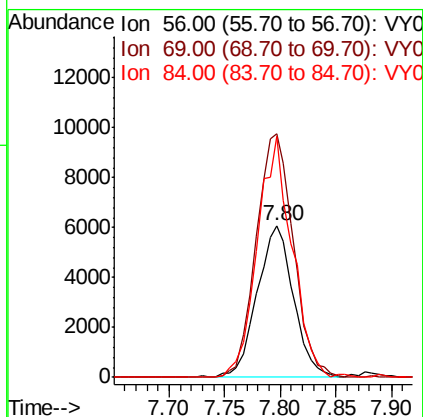
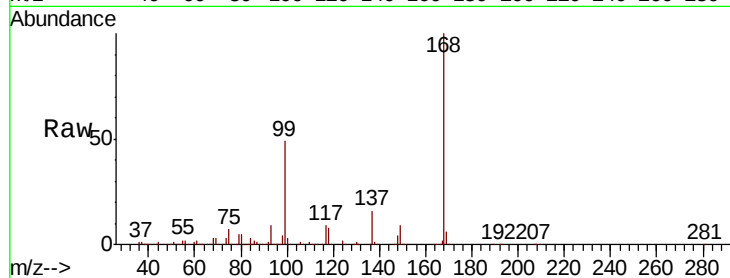




#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003081.D
Acq: 02 Jul 2020 13:36

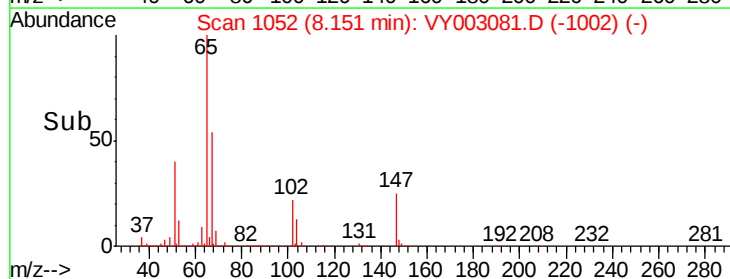
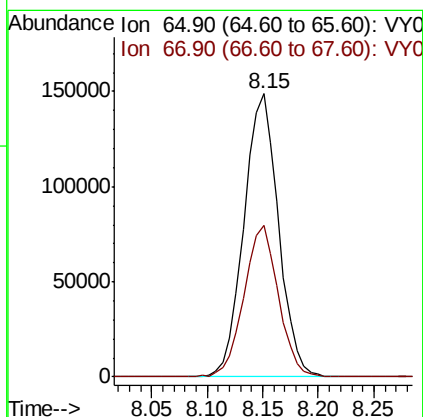
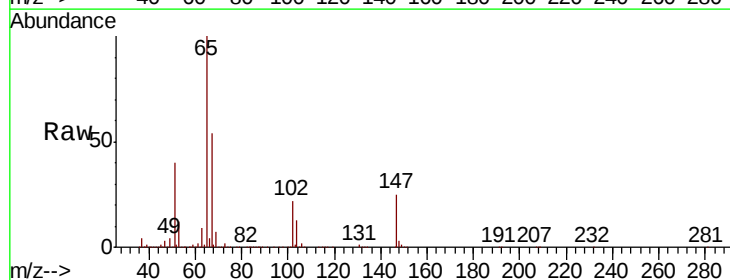
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

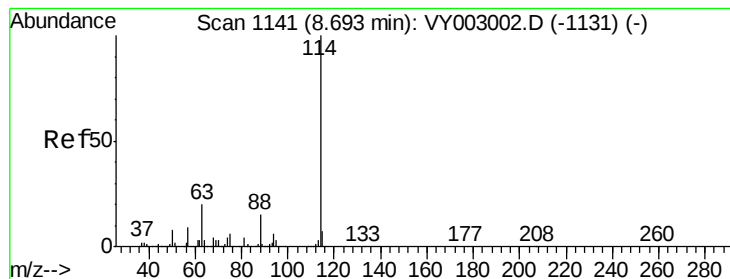
Tot Ion: 56 Resp: 13817
Ion Ratio Lower Upper
56 100
69 160.4 27.0 40.4#
84 159.1 68.1 102.1#



#33
1,2-Dichloroethane-d4
Concen: 45.844 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003081.D
Acq: 02 Jul 2020 13:36

Tgt Ion: 65 Resp: 321396
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

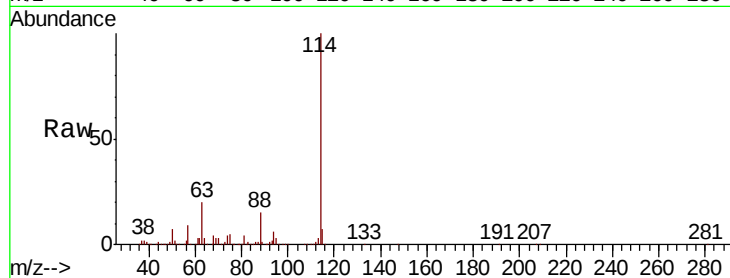
Tot Ion:114 Resp: 1101735

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

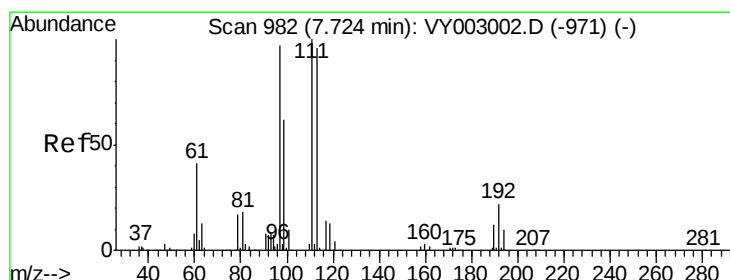
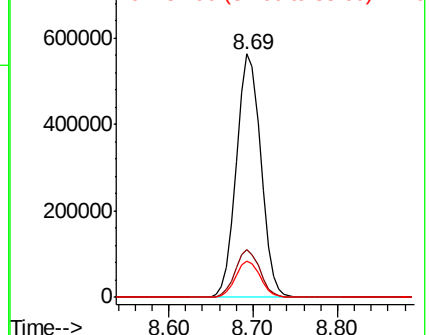
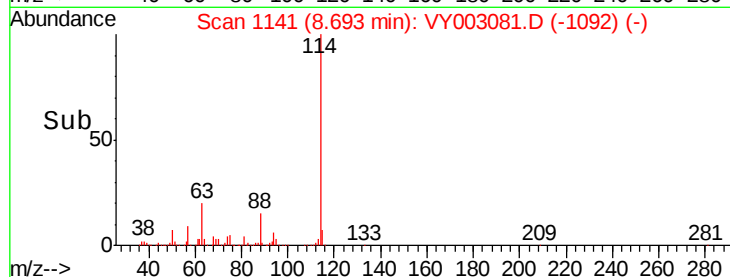
88 14.8 0.0 30.0



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: 48.474 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

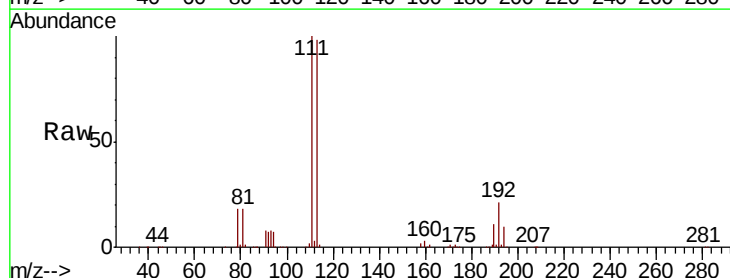
Tgt Ion:113 Resp: 333152

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

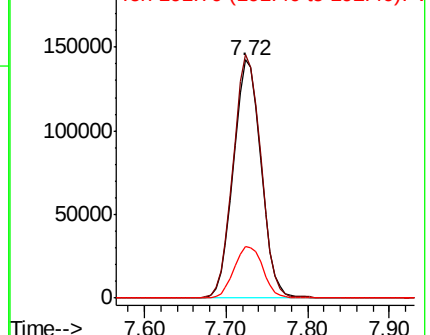
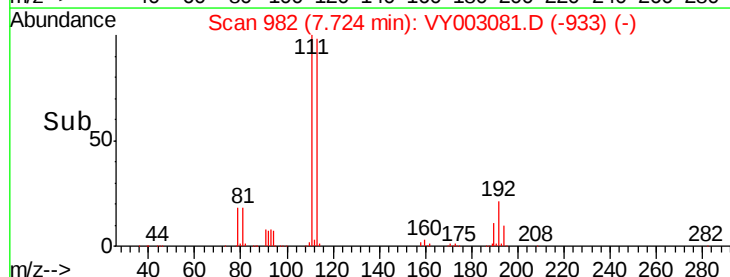
192 22.7 18.1 27.1

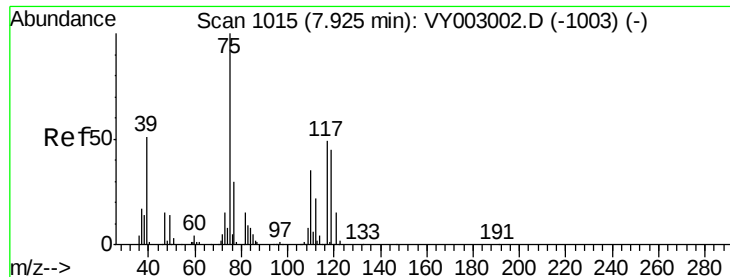


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.650 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

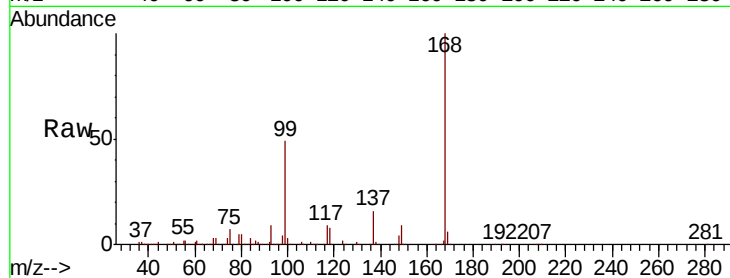
Tot Ion: 75 Resp: 49351

Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

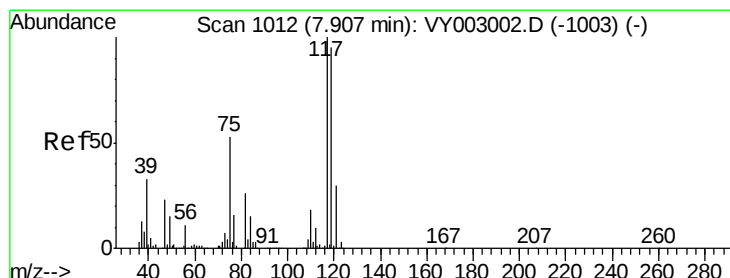
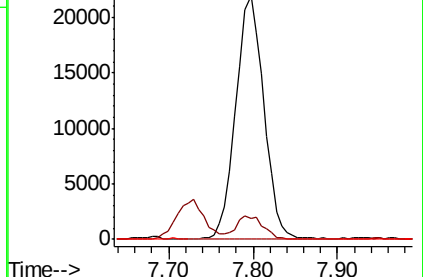
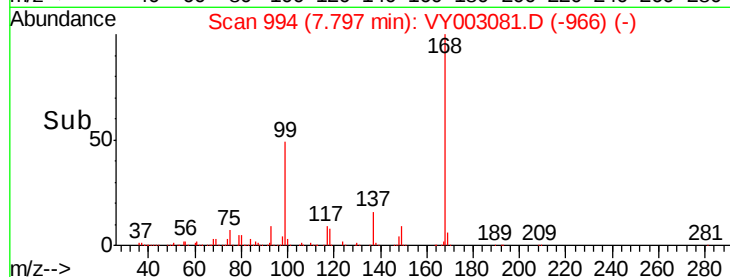
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VY003081.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY003081.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY003081.D (-966) (-)



#38

Carbon Tetrachloride

Concen: 5.751 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

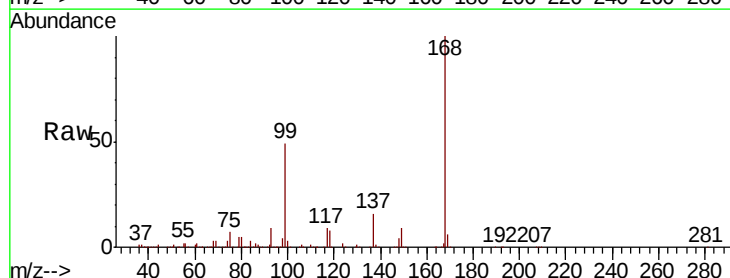
Tgt Ion: 117 Resp: 63504

Ion Ratio Lower Upper

117 100

119 5.5 75.7 113.5#

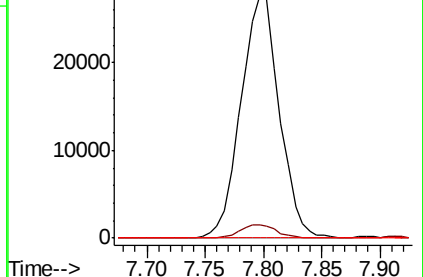
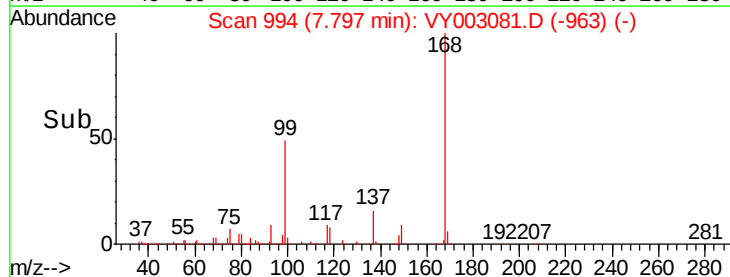
121 0.0 23.9 35.9#

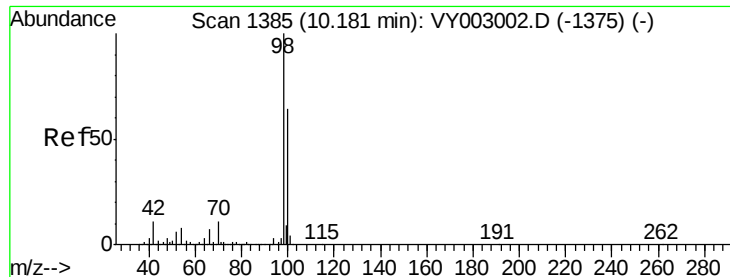


Abundance Ion 116.80 (116.50 to 117.50): VY003081.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY003081.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY003081.D (-963) (-)





#50

Toluene-d8

Concen: 49.100 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

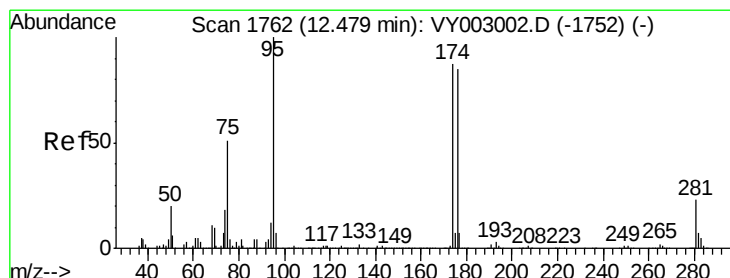
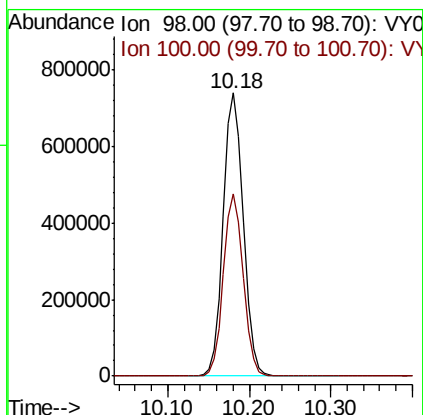
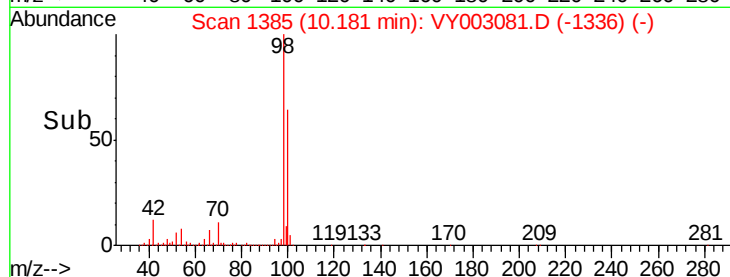
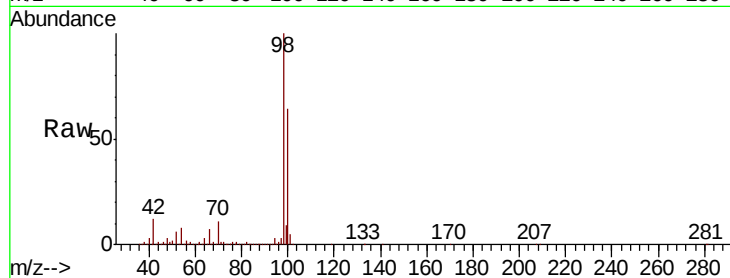
VIBLK

Tot Ion: 98 Resp: 1257181

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 48.479 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

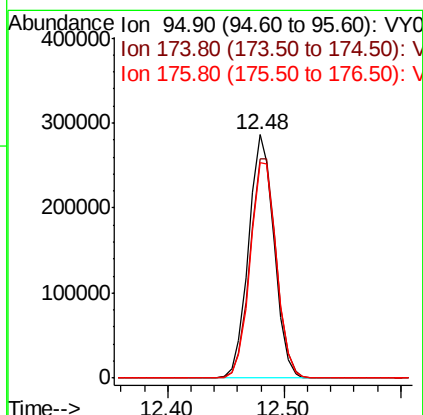
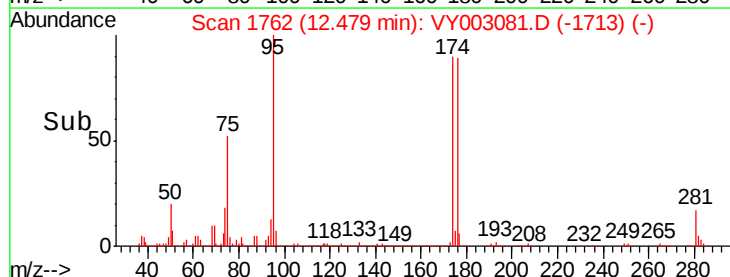
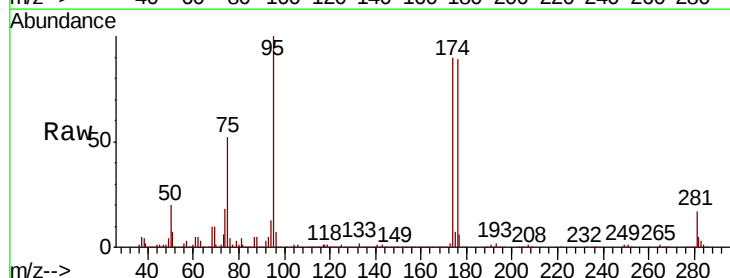
Tgt Ion: 95 Resp: 436926

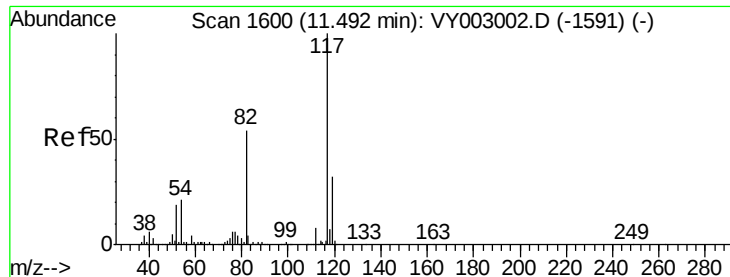
Ion Ratio Lower Upper

95 100

174 93.5 0.0 184.8

176 91.3 0.0 183.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

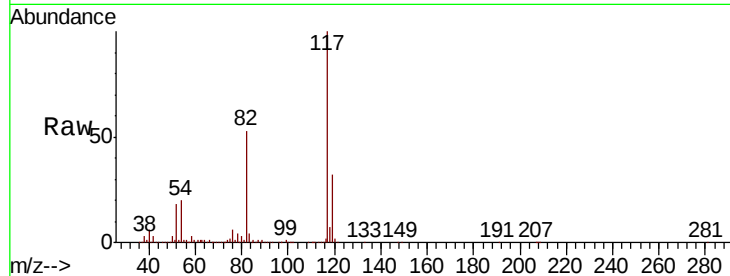
Tot Ion:117 Resp: 1022111

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.6

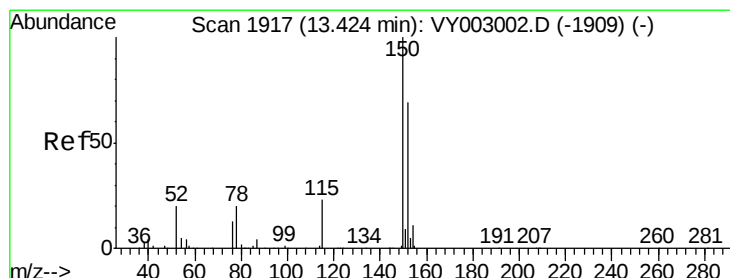
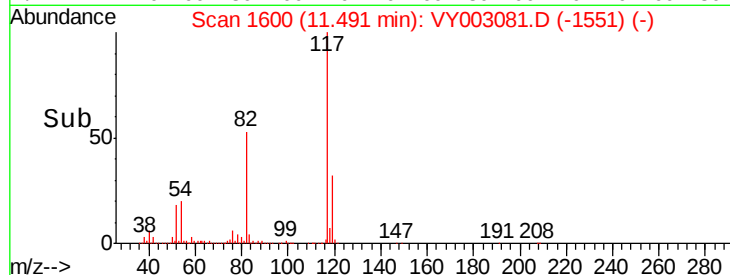
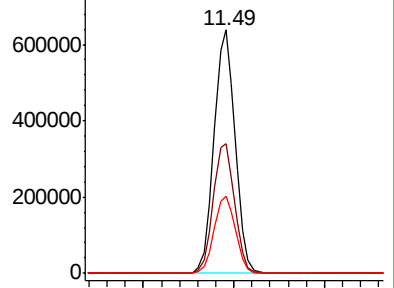
119 32.0 25.8 38.8



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: VY003081.D

Acq: 02 Jul 2020 13:36

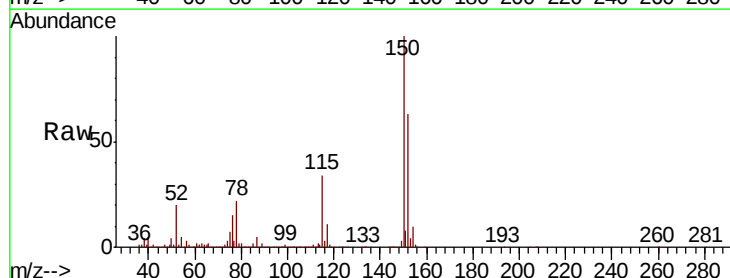
Tgt Ion:152 Resp: 534674

Ion Ratio Lower Upper

152 100

115 54.4 27.3 81.9

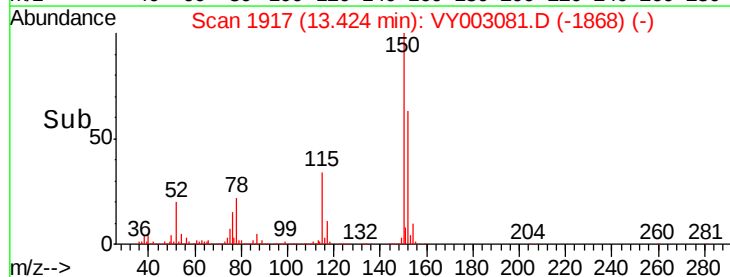
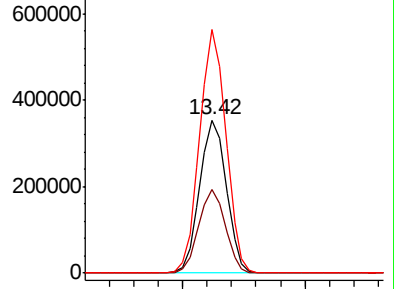
150 156.4 0.0 343.4

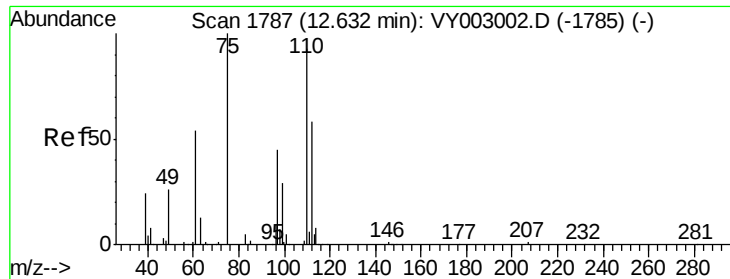


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 43.243 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

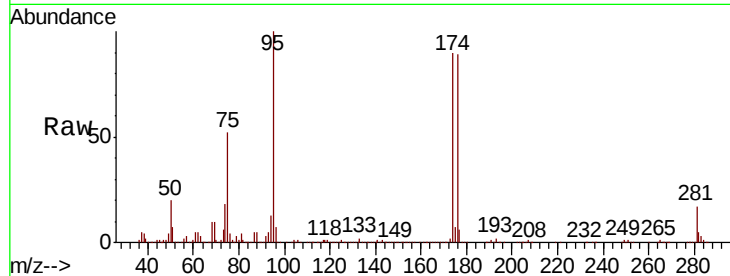
VIBLK

Tot Ion: 75 Resp: 228827

Ion Ratio Lower Upper

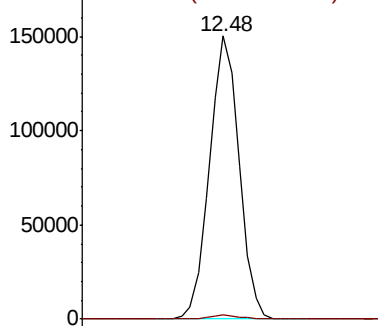
75 100

77 1.6 0.0 0.0#

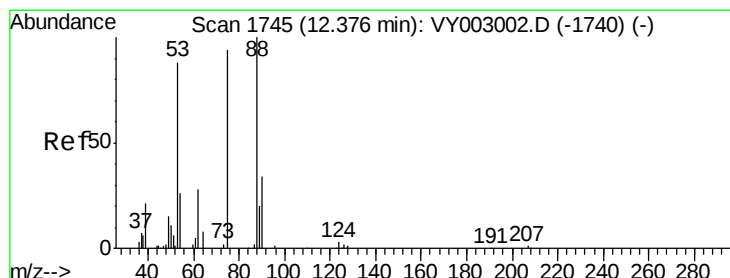
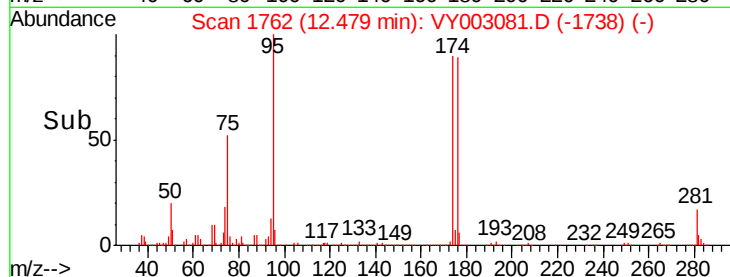


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 84.133 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

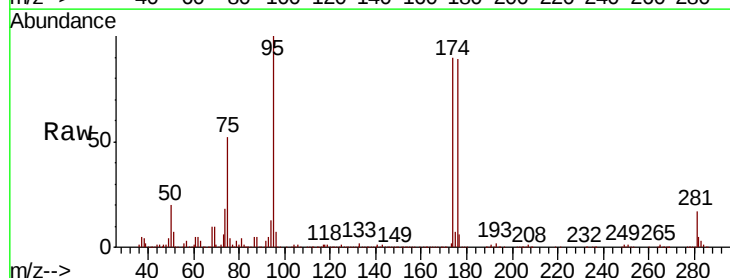
Tgt Ion: 75 Resp: 228827

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

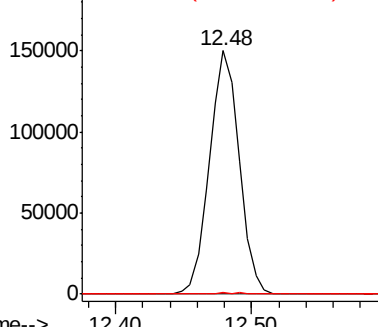
89 0.5 37.5 56.3#



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-->

