

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003094.D
 Acq On : 02 Jul 2020 18:46
 Operator : SY/MD
 Sample : L3211-02
 Misc : 9.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2_11-11.5

Quant Time: Jul 03 02:39:30 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

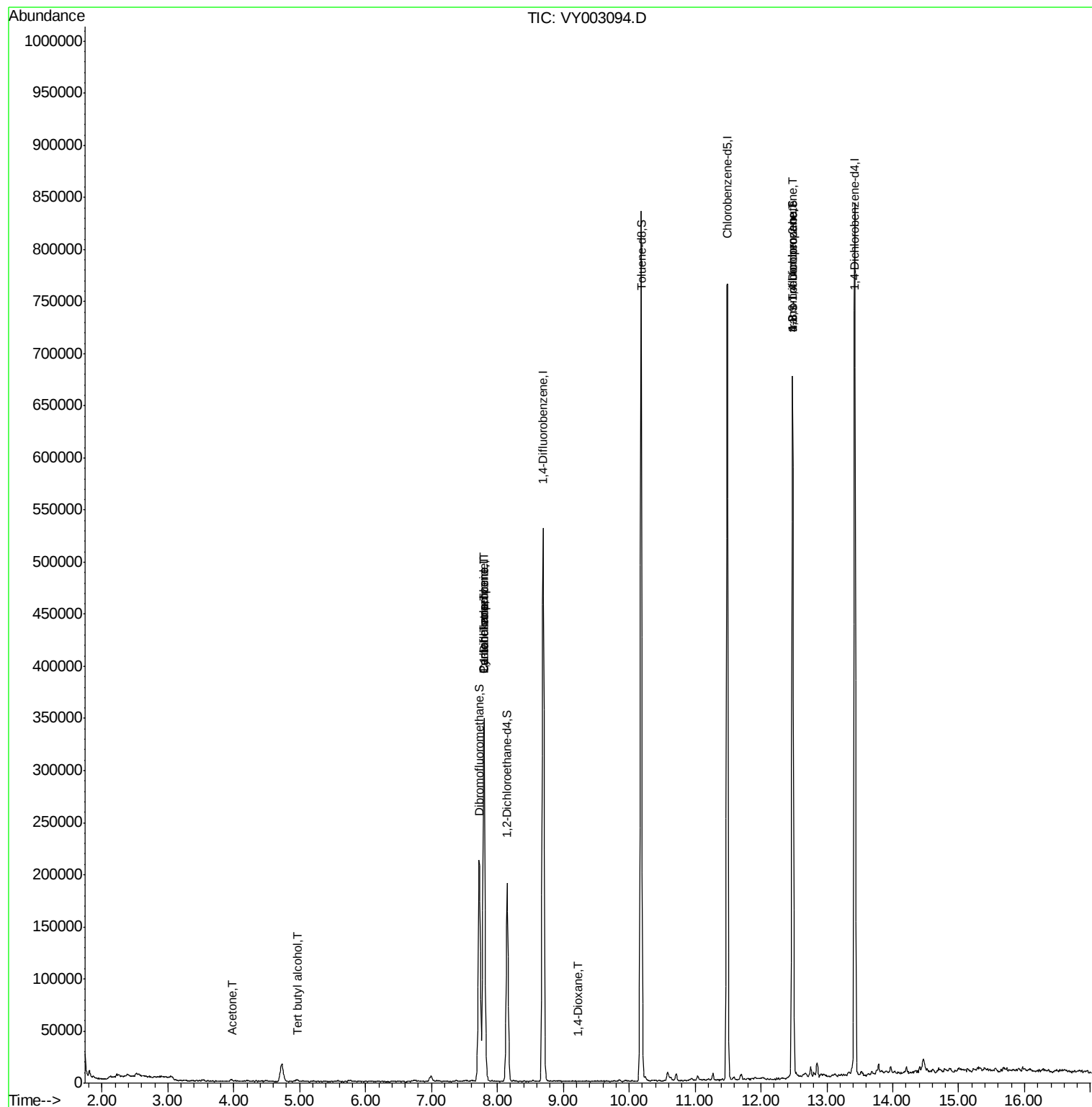
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	288533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	454140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	431235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	147874	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	7.72	113	149131	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	10.18	98	544926	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.48	95	191569	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	2105	7.208	ug/l	97
16) Acetone	3.97	43	3049	4.511	ug/l	98
20) Methylene Chloride	4.73	84	13407	Below Cal	#	81
31) Cyclohexane	7.80	56	5380	1.067	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	20058	4.585	ug/l #	50
38) Carbon Tetrachloride	7.80	117	25454	5.593	ug/l #	19
49) 1,4-Dioxane	9.22	88	26	1.184	ug/l #	59
76) 1,2,3-Trichloropropane	12.48	75	97465	45.504	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	97465	88.532	ug/l #	12

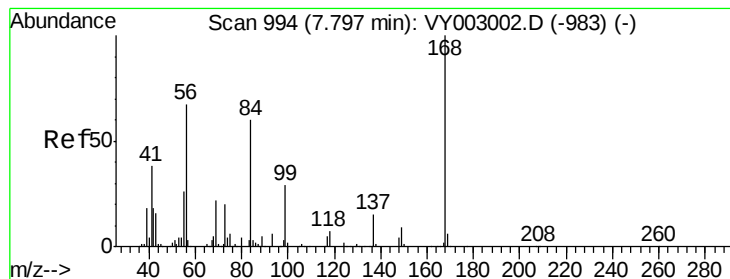
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
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SB-2_11-11.5

Quant Time: Jul 03 02:39:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
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: VY003094.D

Acq: 02 Jul 2020 18:46

Instrument :

MSVOA_Y

ClientSampleId :

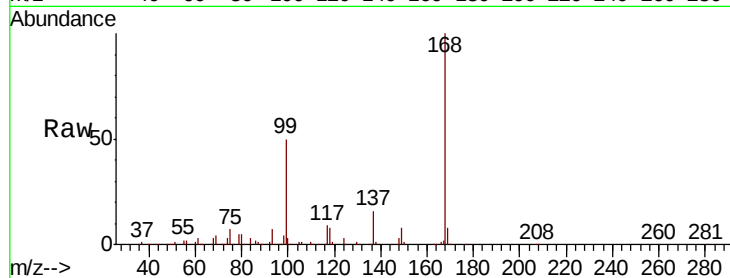
SB-2_11-11.5

Tot Ion:168 Resp: 288533

Ion Ratio Lower Upper

168 100

99 49.7 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

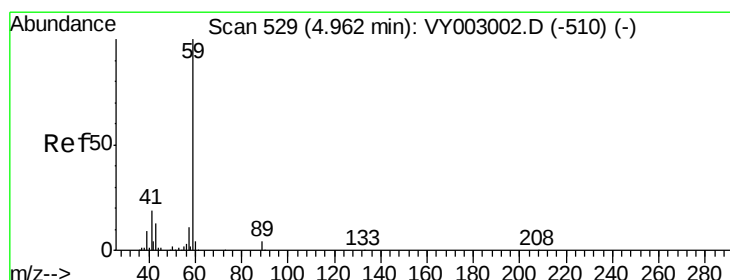
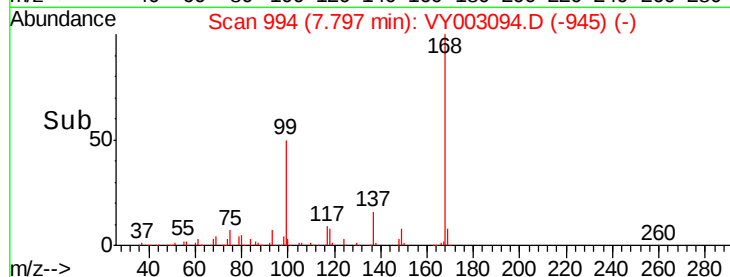
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 7.208 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY003094.D

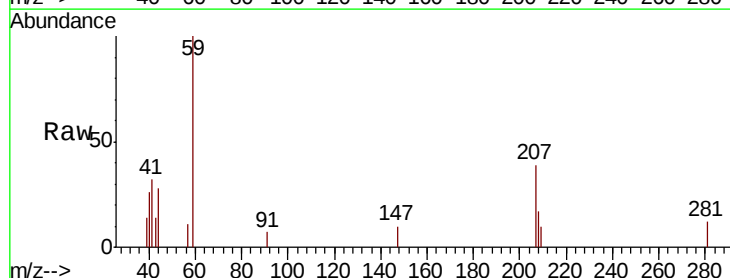
Acq: 02 Jul 2020 18:46

Tgt Ion: 59 Resp: 2105

Ion Ratio Lower Upper

59 100

57 8.8 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) (-)

4.97

1000

800

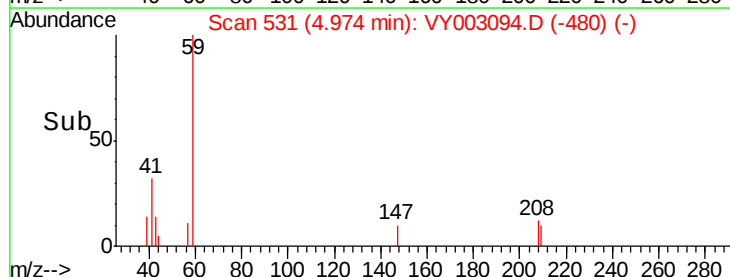
600

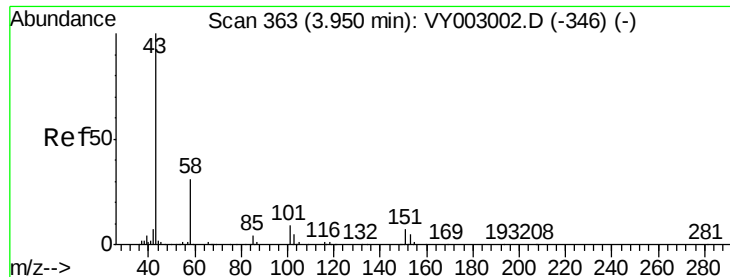
400

200

0

Time-->





#16

Acetone

Concen: 4.511 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY003094.D

Acq: 02 Jul 2020 18:46

Instrument :

MSVOA_Y

ClientSampleId :

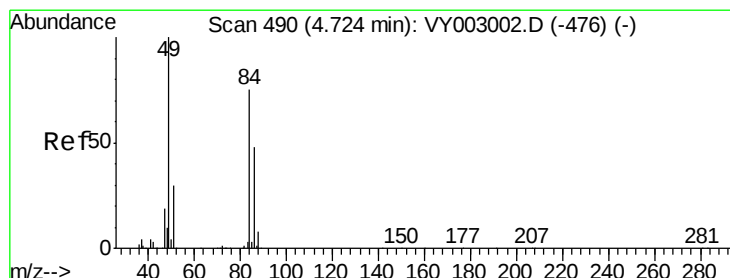
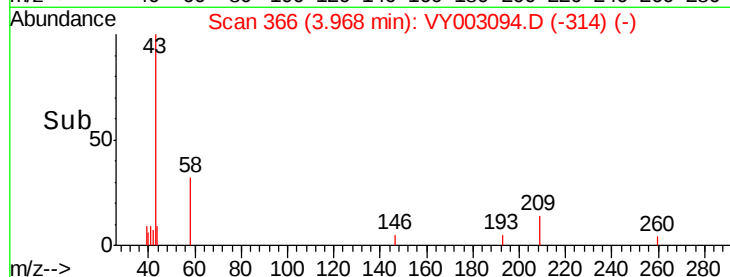
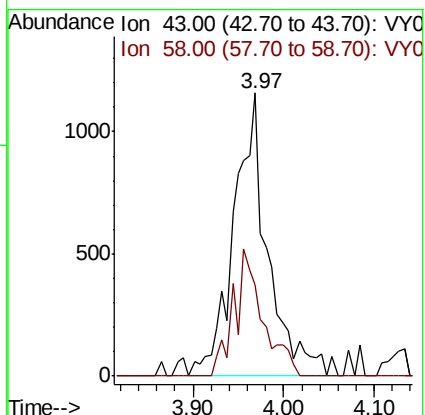
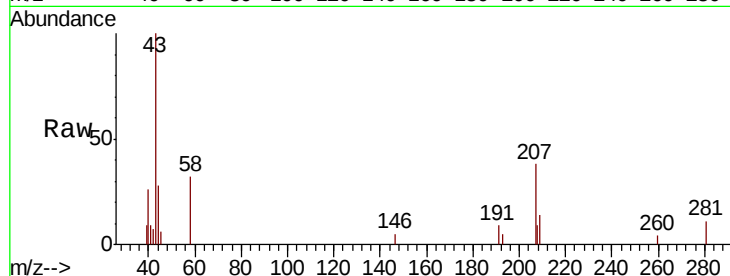
SB-2_11-11.5

Tot Ion: 43 Resp: 3049

Ion Ratio Lower Upper

43 100

58 32.1 24.7 37.1



#20

Methylene Chloride

Concen: Below Cal

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003094.D

Acq: 02 Jul 2020 18:46

Tgt Ion: 84 Resp: 13407

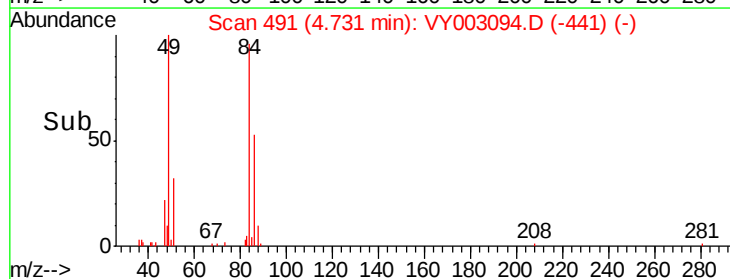
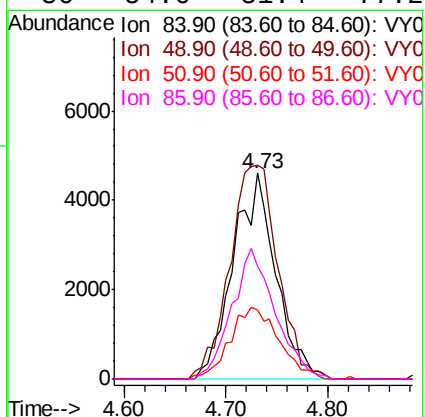
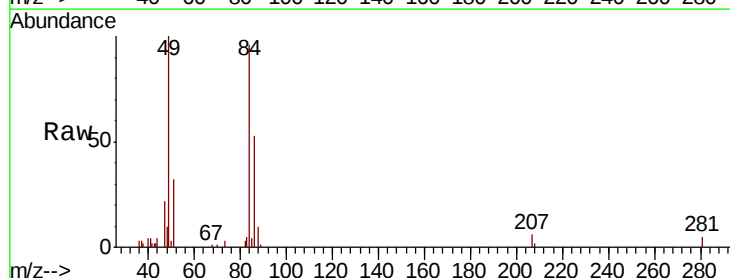
Ion Ratio Lower Upper

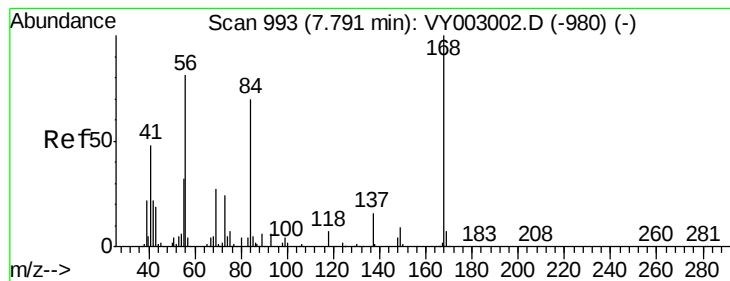
84 100

49 103.8 106.8 160.2#

51 33.6 32.0 48.0

86 54.6 51.4 77.2





#31

Cyclohexane

Concen: 1.067 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003094.D

Acq: 02 Jul 2020 18:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-2_11-11.5

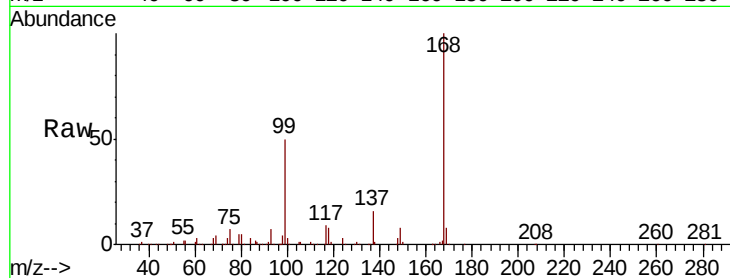
Tot Ion: 56 Resp: 5380

Ion Ratio Lower Upper

56 100

69 186.0 27.0 40.4#

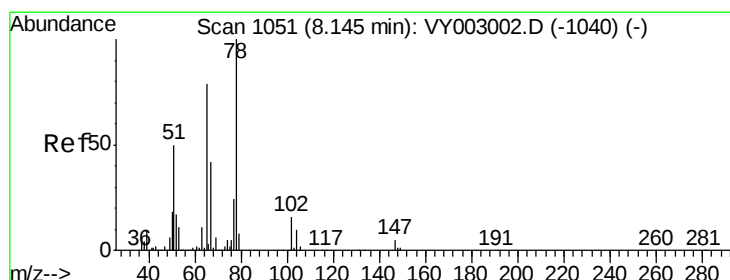
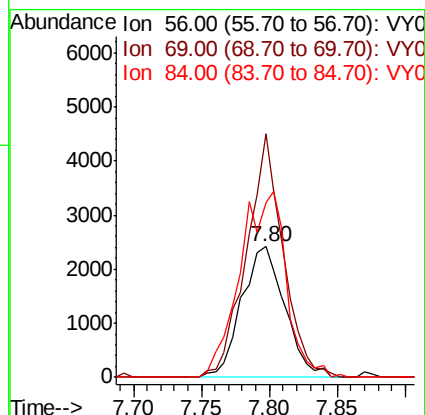
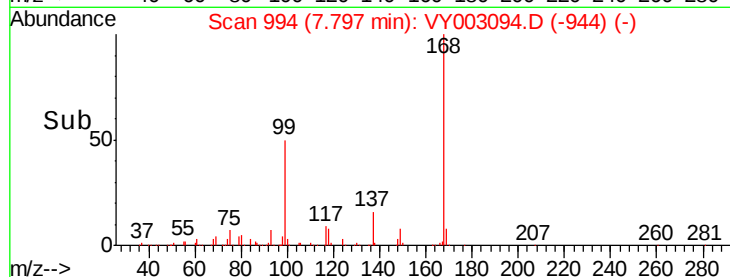
84 133.1 68.1 102.1#



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: 51.601 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003094.D

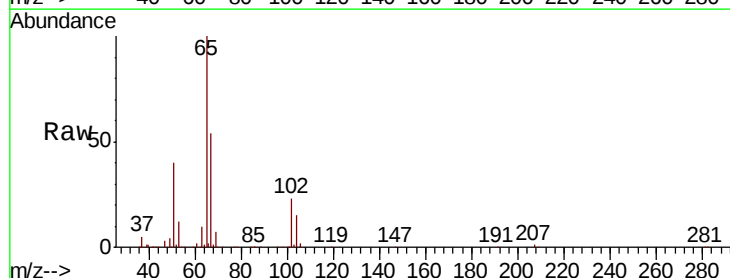
Acq: 02 Jul 2020 18:46

Tgt Ion: 65 Resp: 147874

Ion Ratio Lower Upper

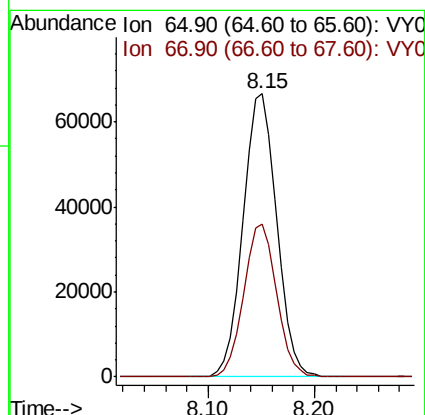
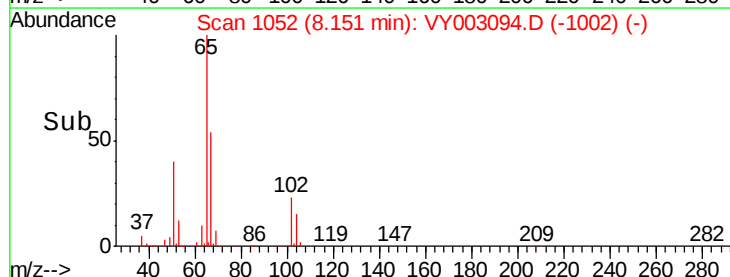
65 100

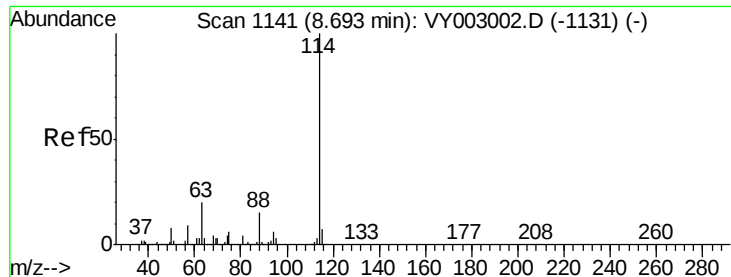
67 52.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

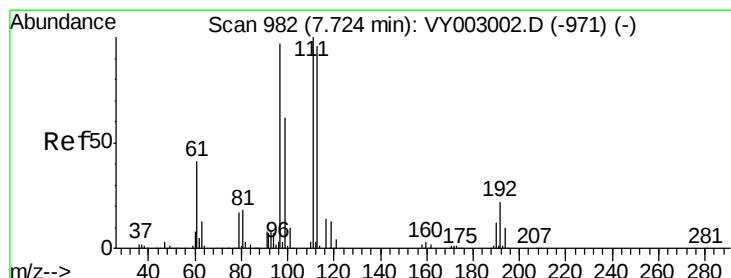
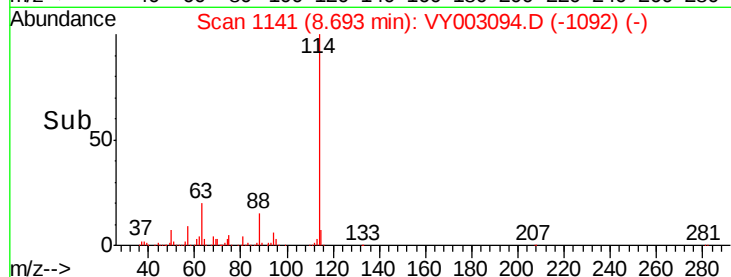
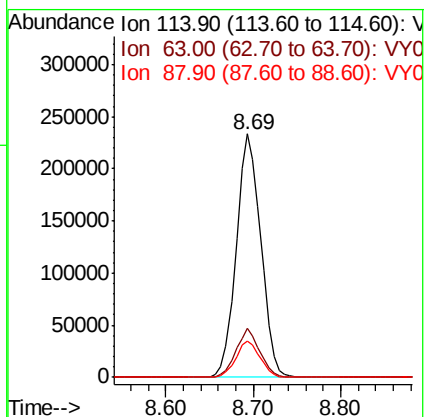
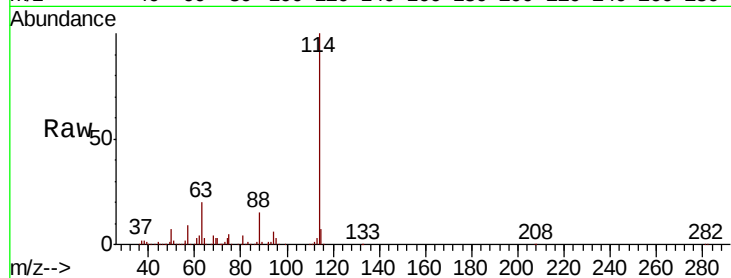




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003094.D
 Acq: 02 Jul 2020 18:46

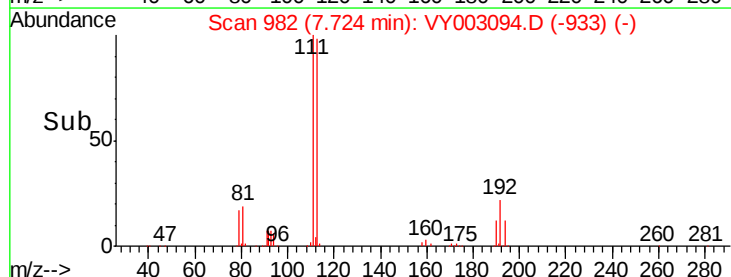
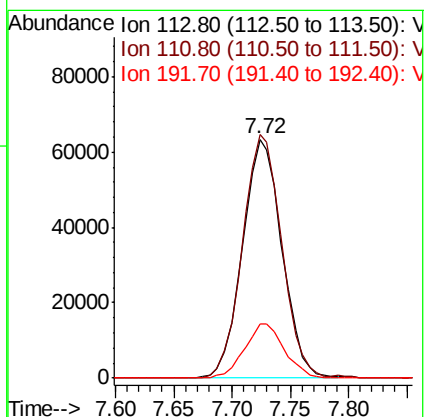
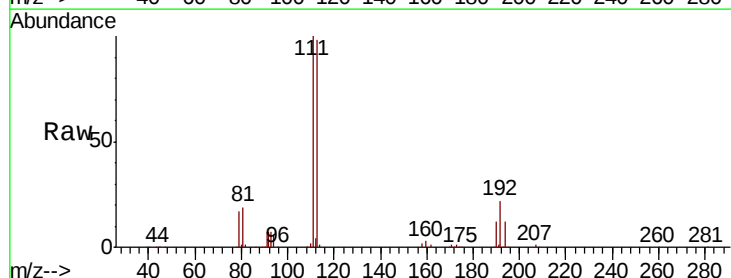
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2_11-11.5

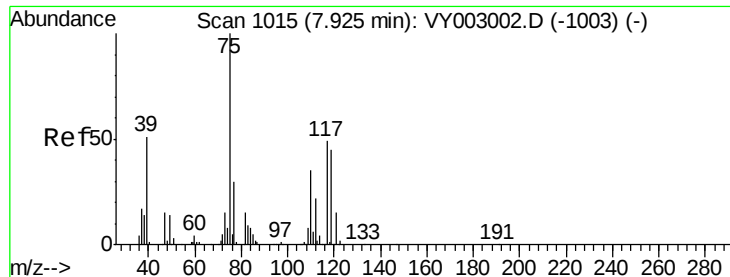
Tot Ion:114 Resp: 454140
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 14.9 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 52.641 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003094.D
 Acq: 02 Jul 2020 18:46

Tgt Ion:113 Resp: 149131
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.6 123.8
 192 23.0 18.1 27.1

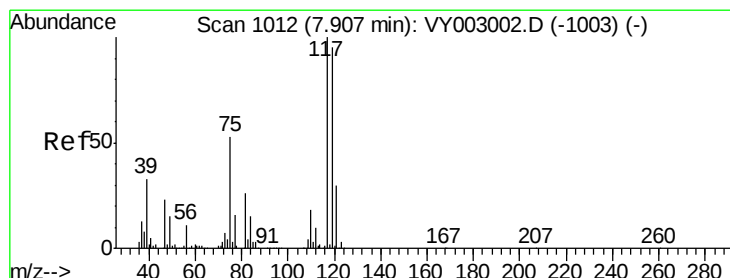
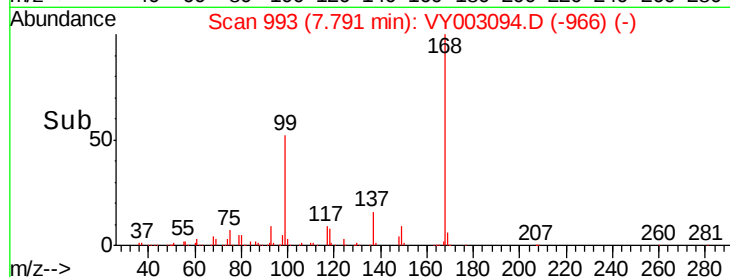
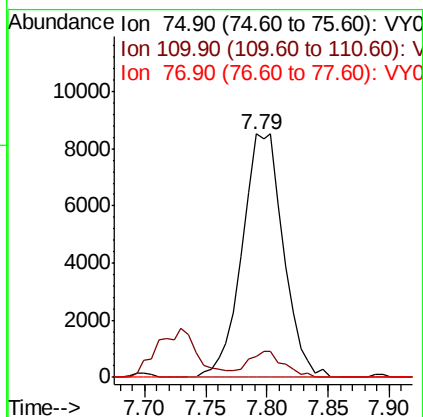
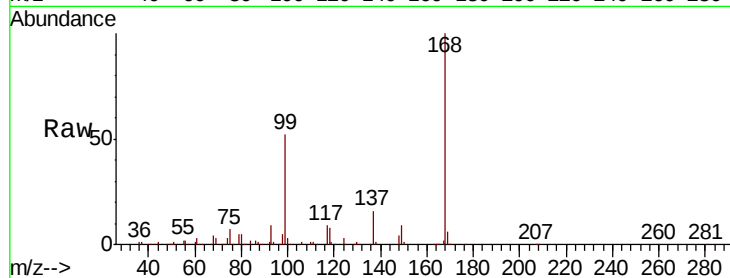




#36
 1,1-Dichloropropene
 Concen: 4.585 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003094.D
 Acq: 02 Jul 2020 18:46

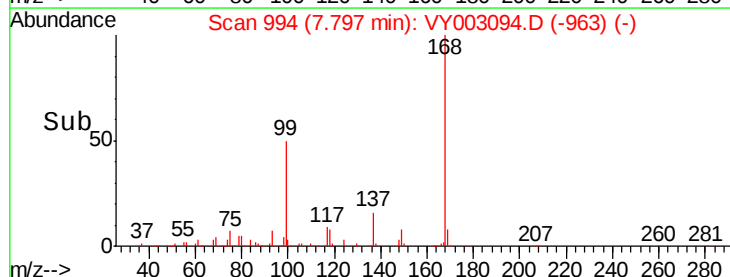
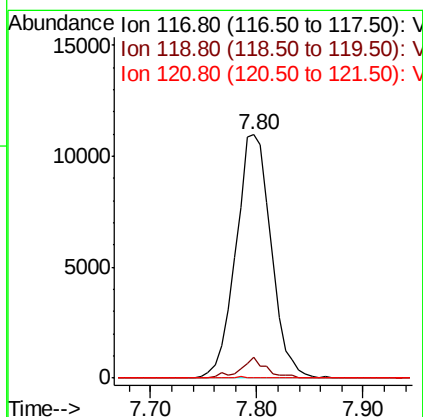
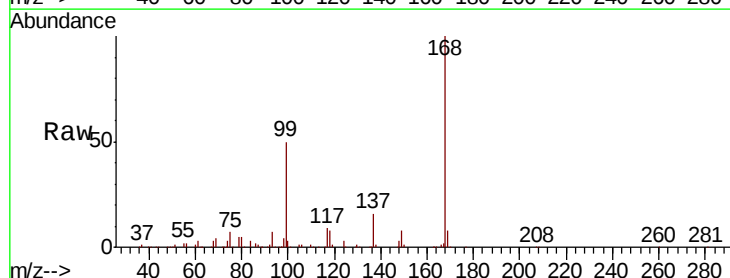
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2_11-11.5

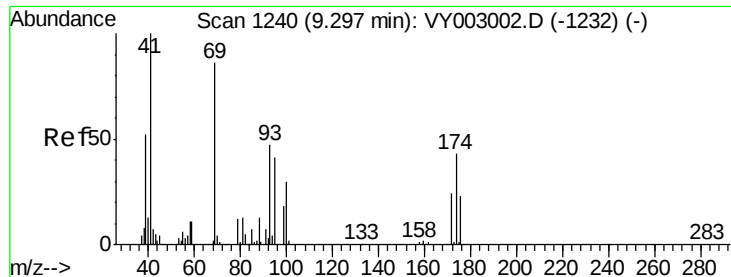
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.1	51.2#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.593 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003094.D
 Acq: 02 Jul 2020 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	8.4	75.7	113.5#
121	0.0	23.9	35.9#





#49

1,4-Dioxane

Concen: 1.184 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.08 min

Lab File: VY003094.D

Acq: 02 Jul 2020 18:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-2_11-11.5

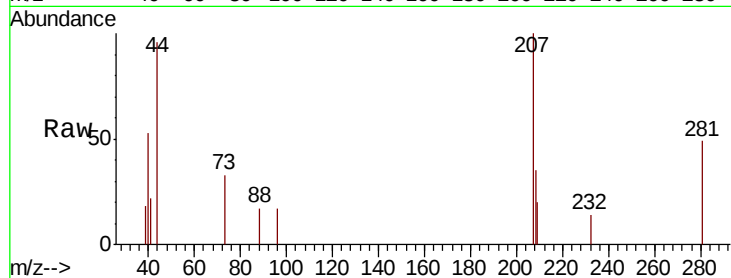
Tot Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

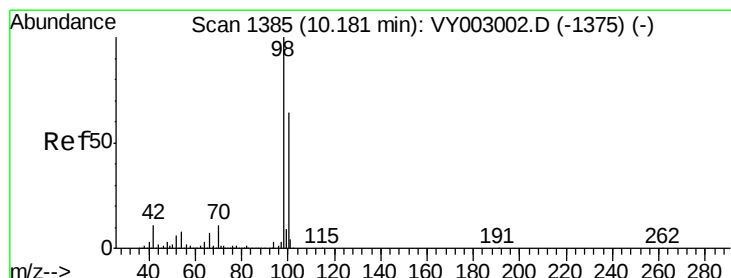
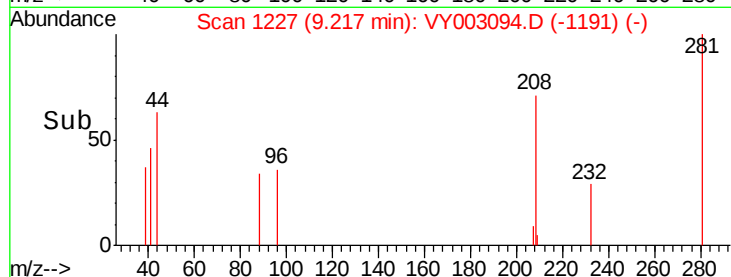
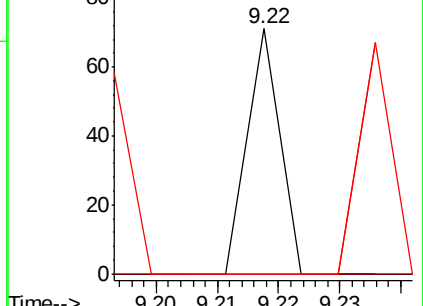
58 96.2 56.7 85.1#



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 51.631 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003094.D

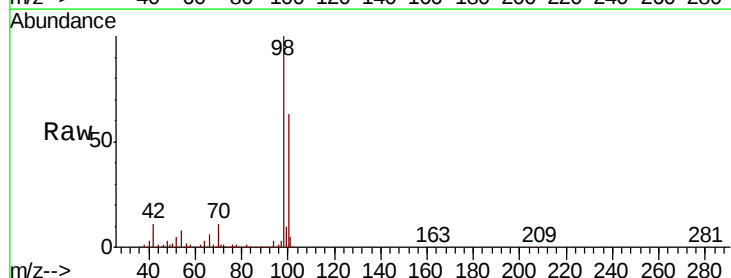
Acq: 02 Jul 2020 18:46

Tgt Ion: 98 Resp: 544926

Ion Ratio Lower Upper

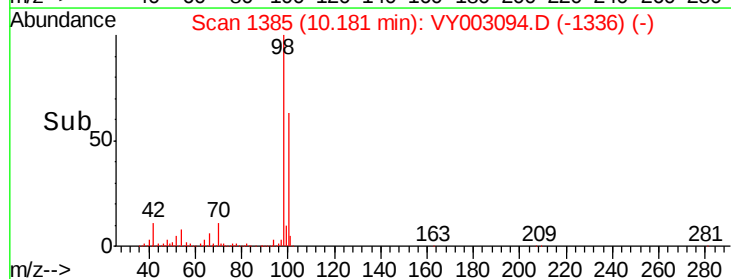
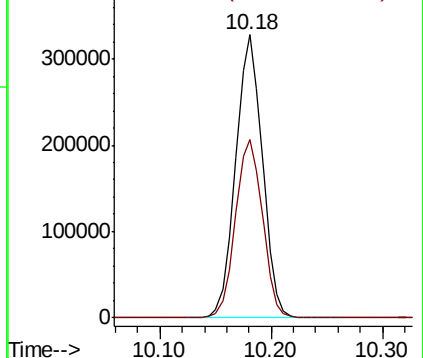
98 100

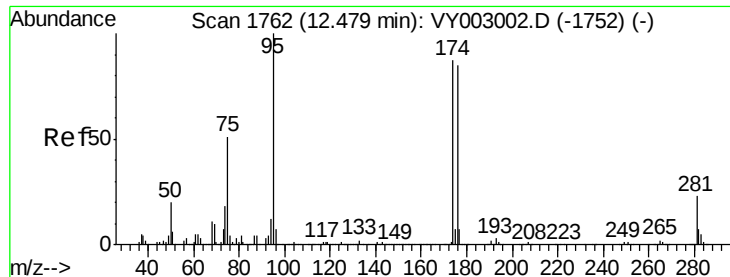
100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#62

4-Bromofluorobenzene

Concen: 51.565 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003094.D

Acq: 02 Jul 2020 18:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-2_11-11.5

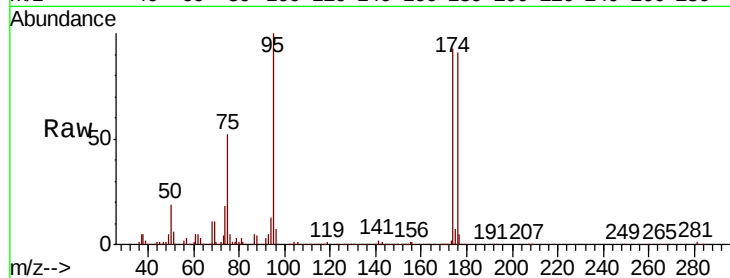
Tot Ion: 95 Resp: 191569

Ion Ratio Lower Upper

95 100

174 94.6 0.0 184.8

176 92.0 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003094.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003094.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003094.D (-1752) (-)

12.48

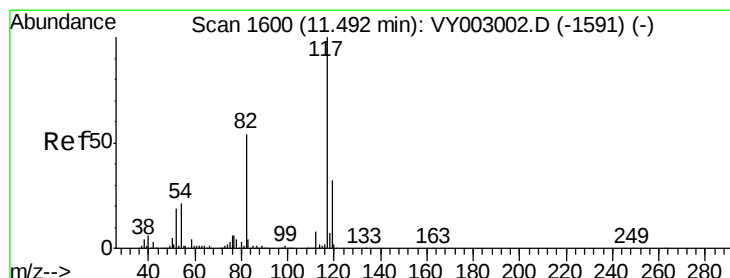
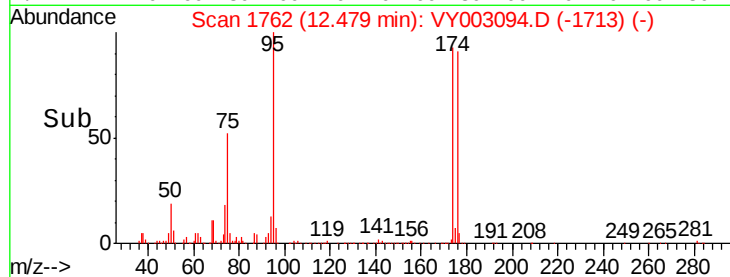
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003094.D

Acq: 02 Jul 2020 18:46

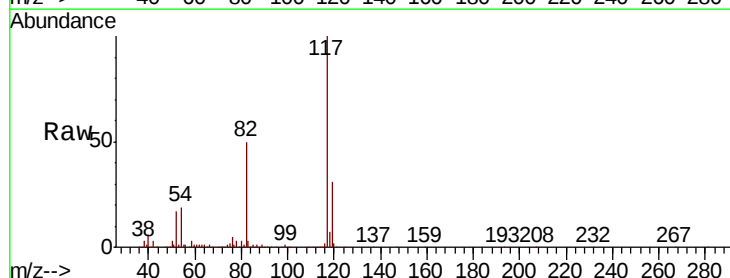
Tgt Ion: 117 Resp: 431235

Ion Ratio Lower Upper

117 100

82 50.4 43.0 64.6

119 31.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VY003094.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003094.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003094.D (-1551) (-)

11.49

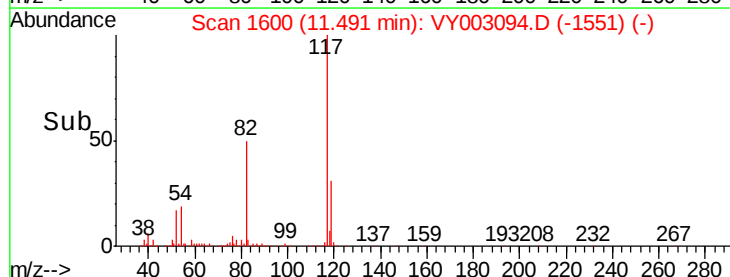
300000

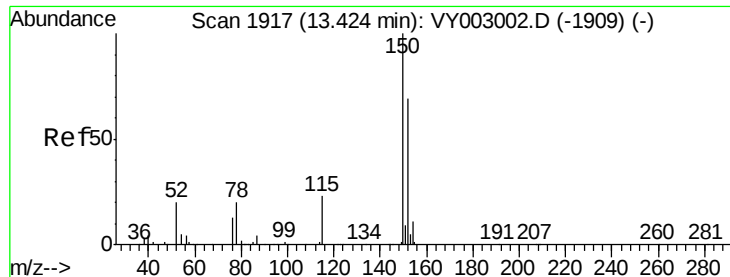
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003094.D

Acq: 02 Jul 2020 18:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-2_11-11.5

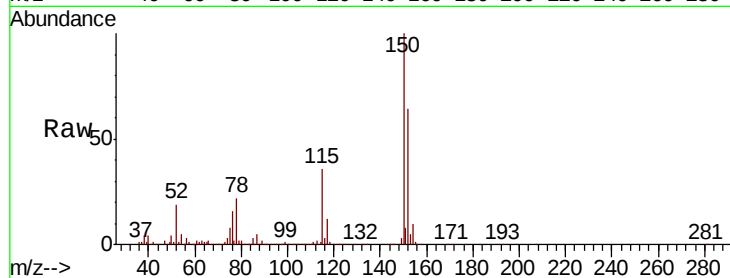
Tot Ion:152 Resp: 216421

Ion Ratio Lower Upper

152 100

115 55.3 27.3 81.9

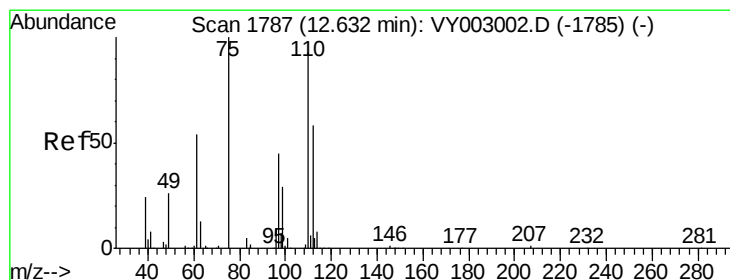
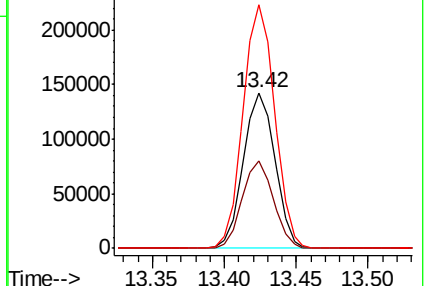
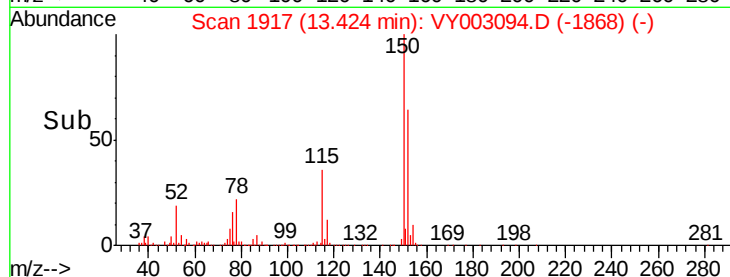
150 156.6 0.0 343.4



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: 45.504 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003094.D

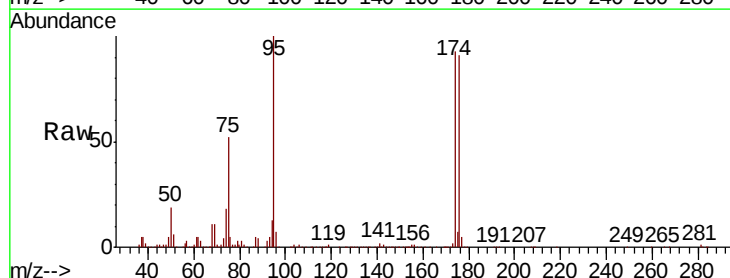
Acq: 02 Jul 2020 18:46

Tgt Ion: 75 Resp: 97465

Ion Ratio Lower Upper

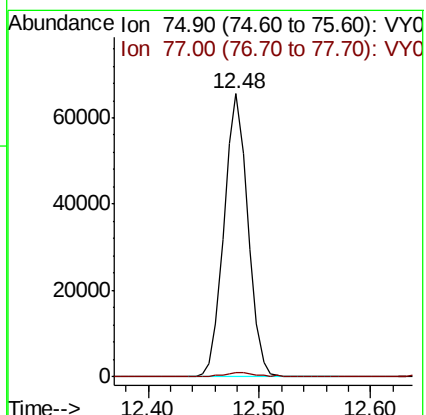
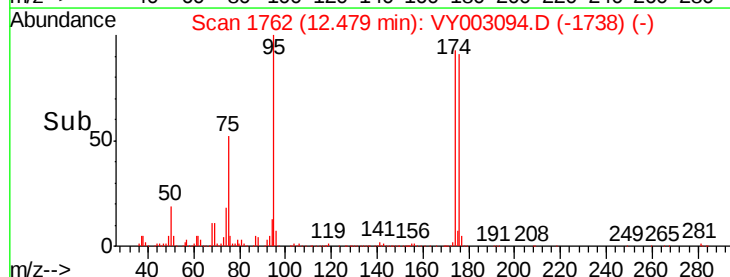
75 100

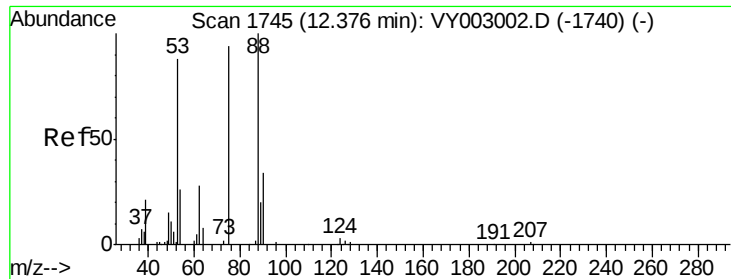
77 2.4 0.0 0.0#



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: 88.532 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003094.D

Acq: 02 Jul 2020 18:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-2_11-11.5

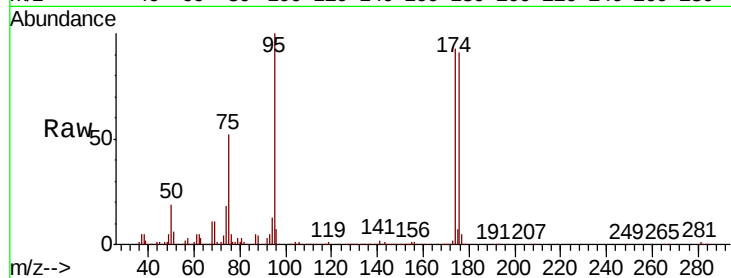
Tot Ion: 75 Resp: 97465

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.1 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

