

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002944.D
 Acq On : 19 Jun 2020 17:48
 Operator : SY/MD
 Sample : L3053-01
 Misc : 5.97G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-228

Quant Time: Jun 20 03:57:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

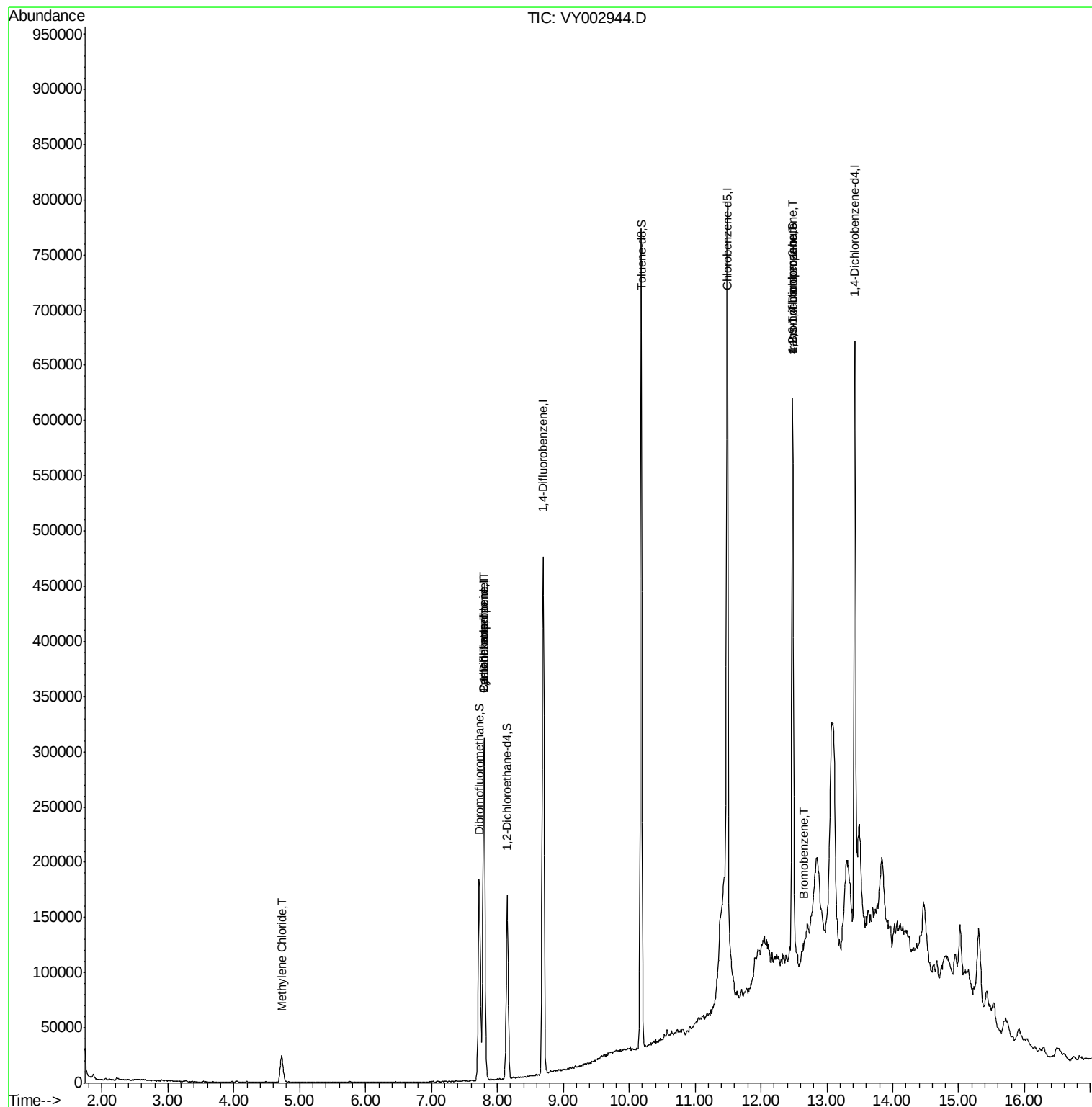
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	261517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	428964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	143273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	128352	59.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.84%	
35) Dibromofluoromethane	7.72	113	130023	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
50) Toluene-d8	10.18	98	503600	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.48	95	150857	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.48	43	661	Below Cal	#	65
20) Methylene Chloride	4.72	84	20008	1.257	ug/l	89
31) Cyclohexane	7.79	56	3742	1.009	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	15640	4.489	ug/l #	49
38) Carbon Tetrachloride	7.80	117	23810	6.202	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	71563	57.353	ug/l #	100
77) Bromobenzene	12.65	156	3004	1.307	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.48	75	71563	109.499	ug/l #	17

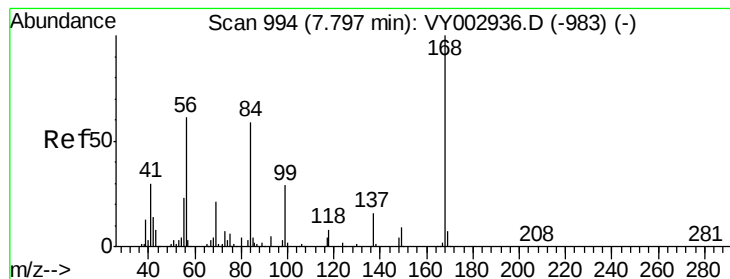
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 15:04:26 2020
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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: VY002944.D

Acq: 19 Jun 2020 17:48

Instrument :

MSVOA_Y

ClientSampleId :

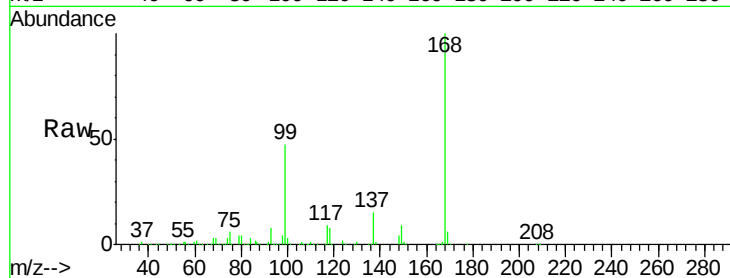
VNJ-228

Tgt Ion:168 Resp: 261517

Ion Ratio Lower Upper

168 100

99 46.7 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

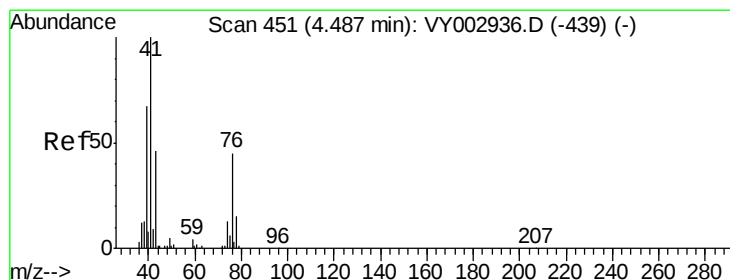
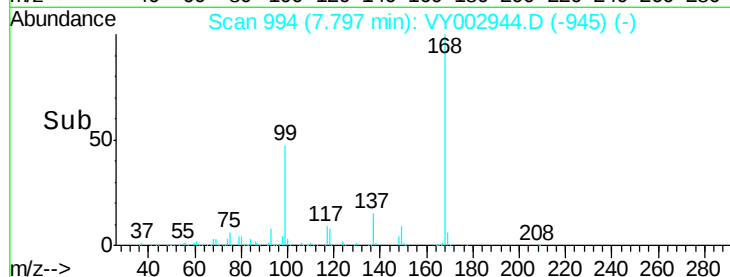
7.80

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY002944.D

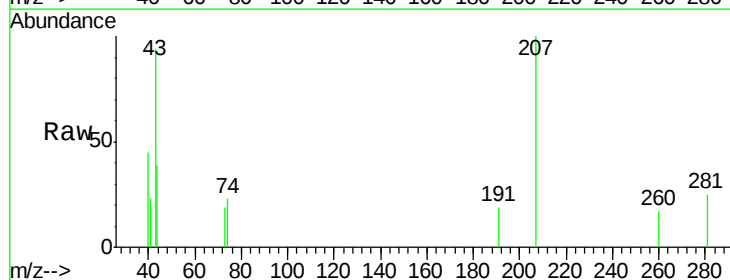
Acq: 19 Jun 2020 17:48

Tgt Ion: 43 Resp: 661

Ion Ratio Lower Upper

43 100

74 44.5 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002936.D (-439) (-)

Ion 74.00 (73.70 to 74.70): VY002936.D (-439) (-)

4.48

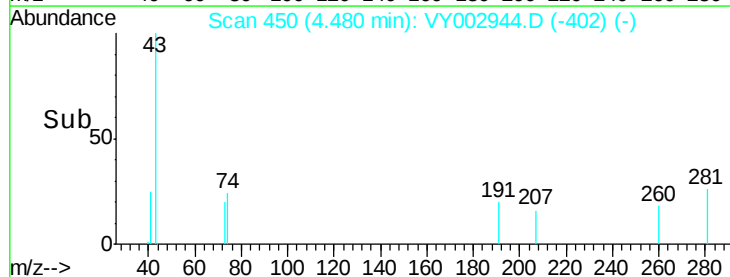
300

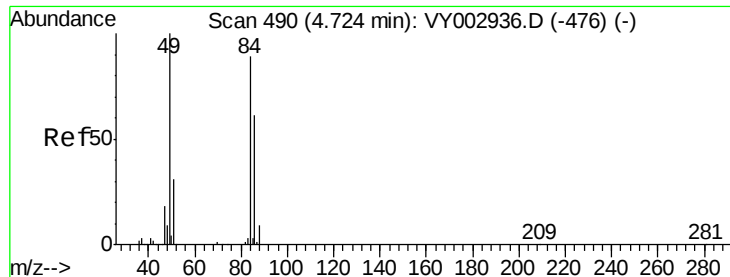
200

100

0

Time-->





#20

Methylene Chloride

Concen: 1.257 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002944.D

Acq: 19 Jun 2020 17:48

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-228

Tgt Ion: 84 Resp: 20008

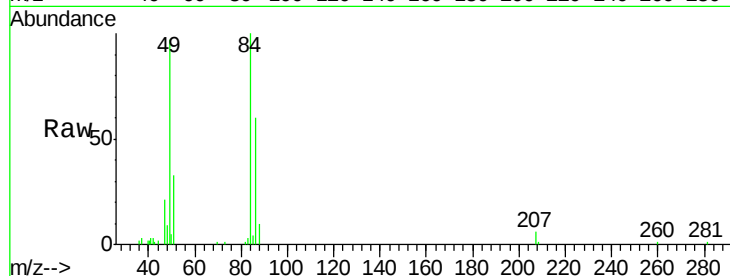
Ion Ratio Lower Upper

84 100

49 97.0 90.0 135.0

51 32.8 27.9 41.9

86 60.3 54.6 81.8

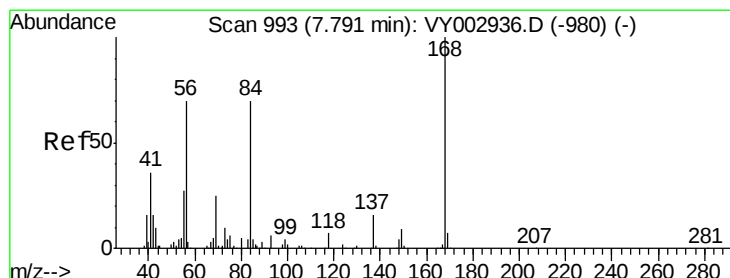
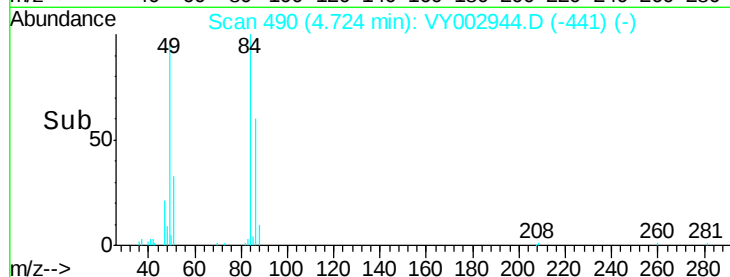
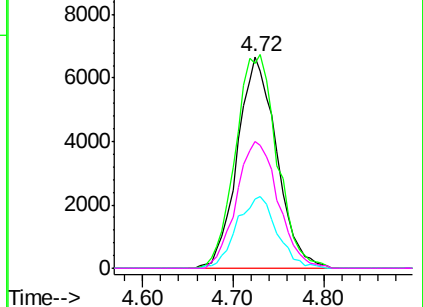


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#31

Cyclohexane

Concen: 1.009 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002944.D

Acq: 19 Jun 2020 17:48

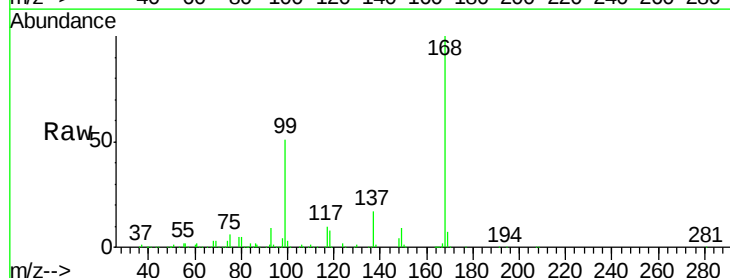
Tgt Ion: 56 Resp: 3742

Ion Ratio Lower Upper

56 100

69 189.2 28.9 43.3#

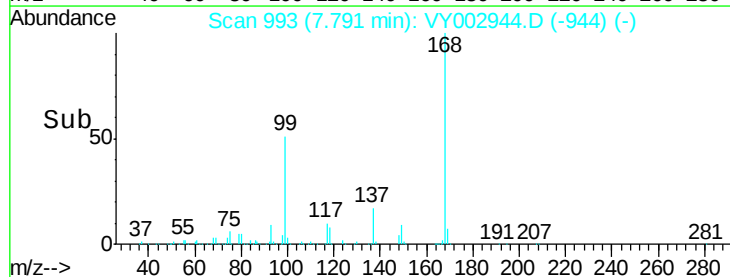
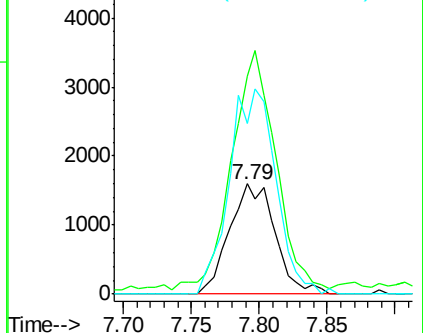
84 154.7 80.1 120.1#

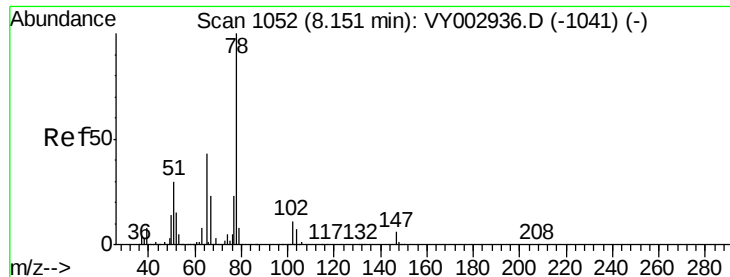


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

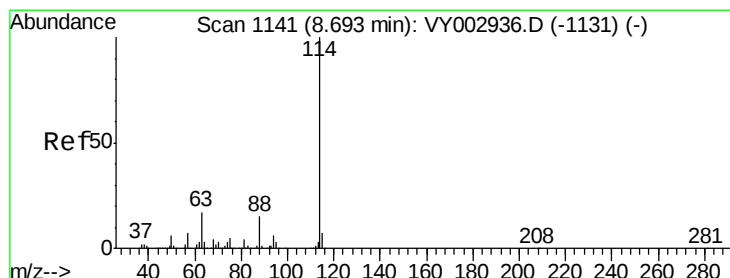
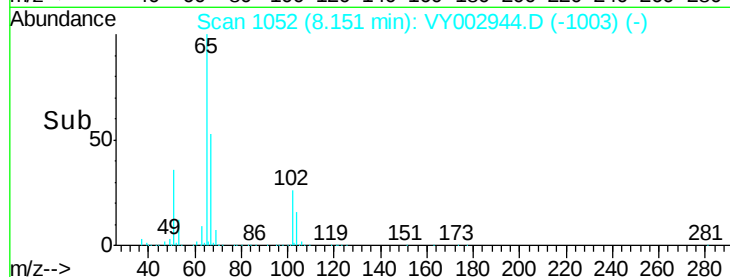
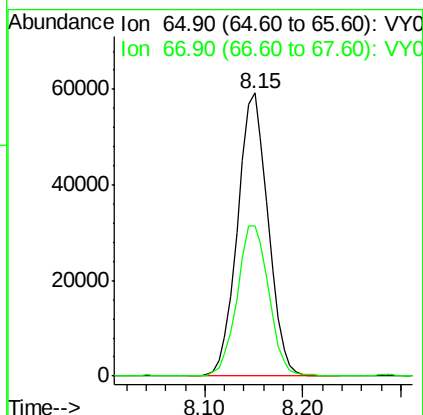
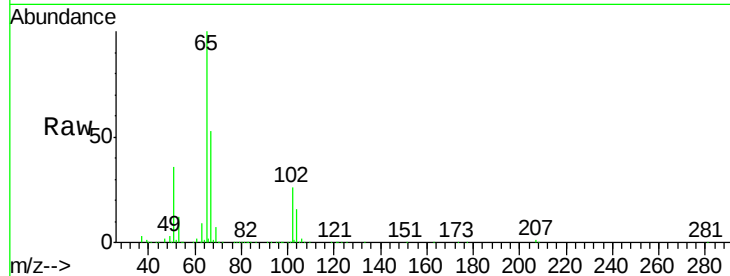




#33
 1,2-Dichloroethane-d4
 Concen: 59.420 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002944.D
 Acq: 19 Jun 2020 17:48

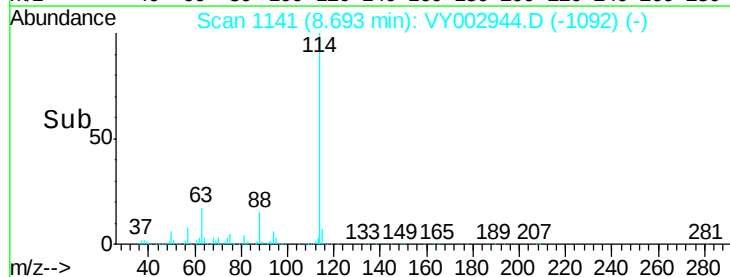
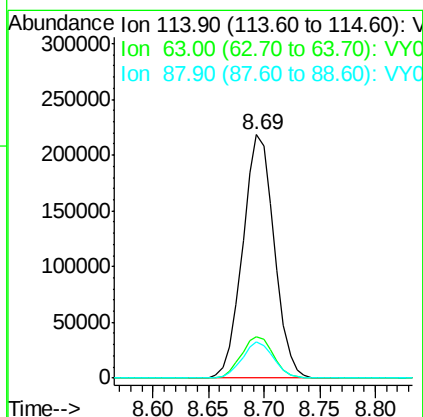
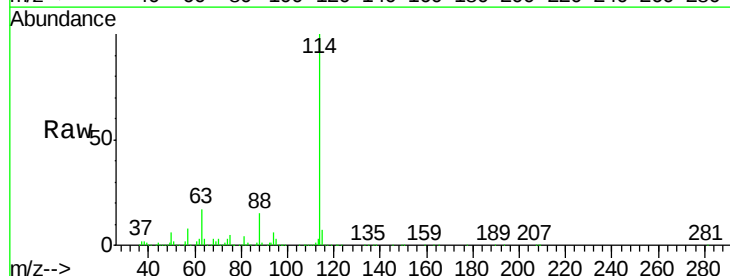
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-228

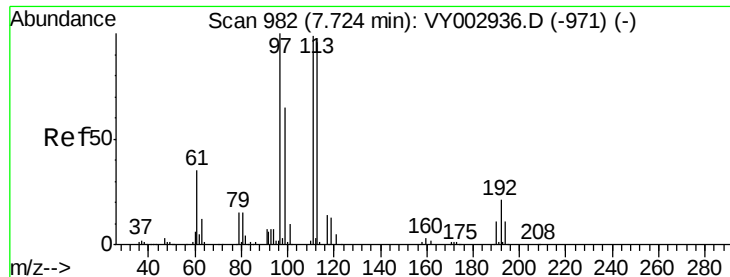
Tgt Ion: 65 Resp: 128352
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002944.D
 Acq: 19 Jun 2020 17:48

Tgt Ion: 114 Resp: 428964
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.6
 88 14.6 0.0 29.2

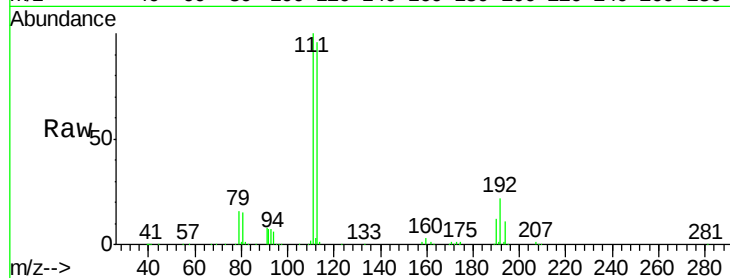




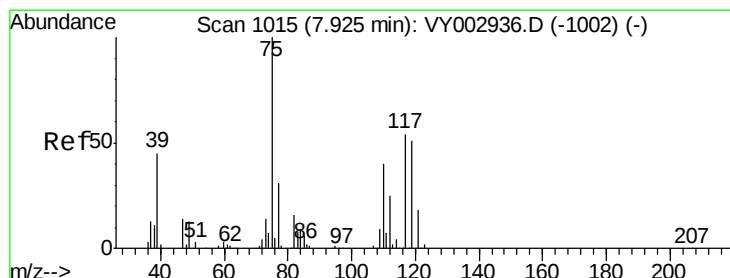
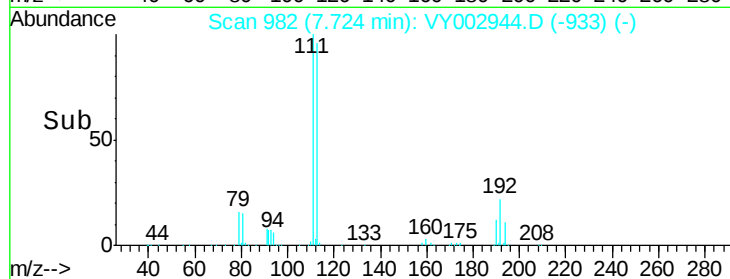
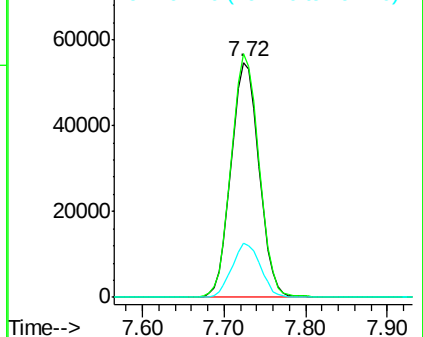
#35
Dibromofluoromethane
Concen: 53.570 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY002944.D
Acq: 19 Jun 2020 17:48

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

Tgt Ion:113 Resp: 130023
Ion Ratio Lower Upper
113 100
111 102.9 81.5 122.3
192 23.3 19.2 28.8

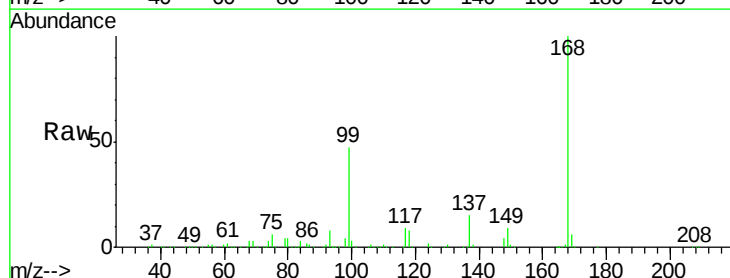


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

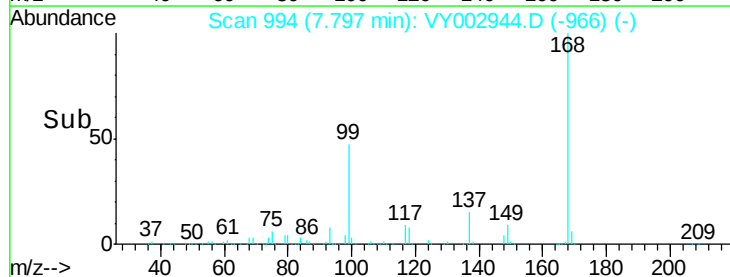
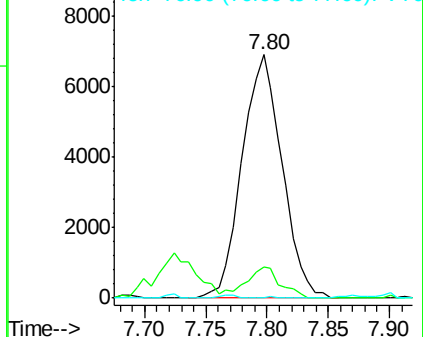


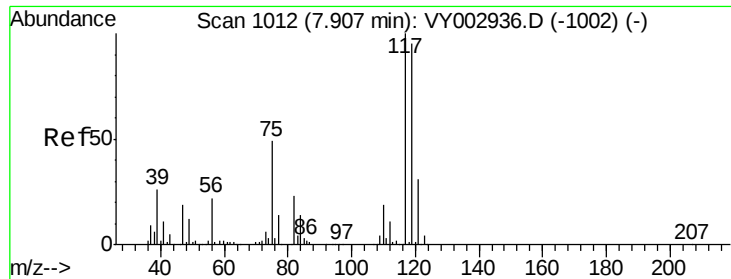
#36
1,1-Dichloropropene
Concen: 4.489 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY002944.D
Acq: 19 Jun 2020 17:48

Tgt Ion: 75 Resp: 15640
Ion Ratio Lower Upper
75 100
110 10.2 19.7 59.0#
77 0.1 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.202 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002944.D

Acq: 19 Jun 2020 17:48

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-228

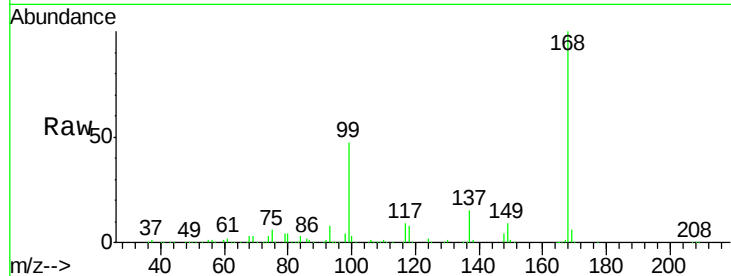
Tgt Ion:117 Resp: 23810

Ion Ratio Lower Upper

117 100

119 5.6 76.1 114.1#

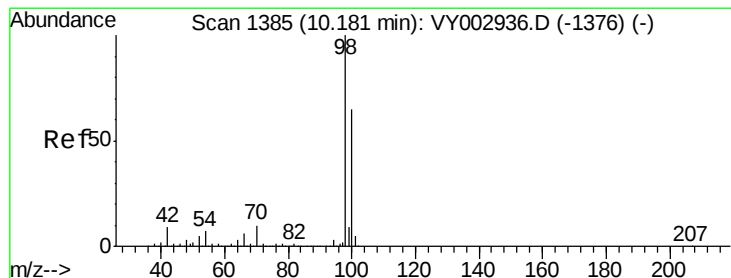
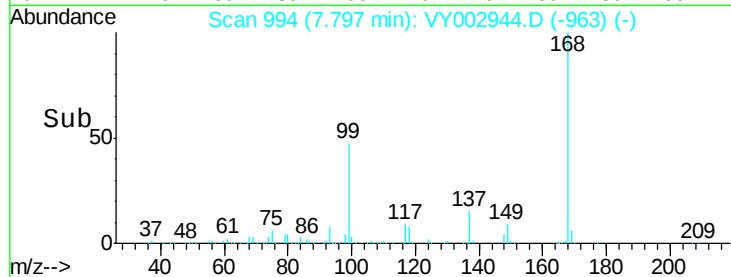
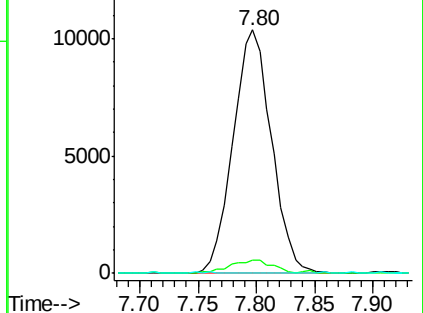
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.622 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002944.D

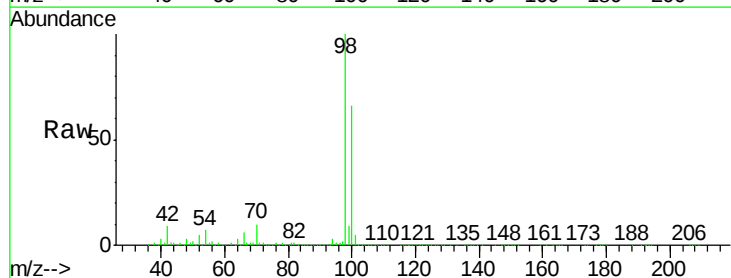
Acq: 19 Jun 2020 17:48

Tgt Ion: 98 Resp: 503600

Ion Ratio Lower Upper

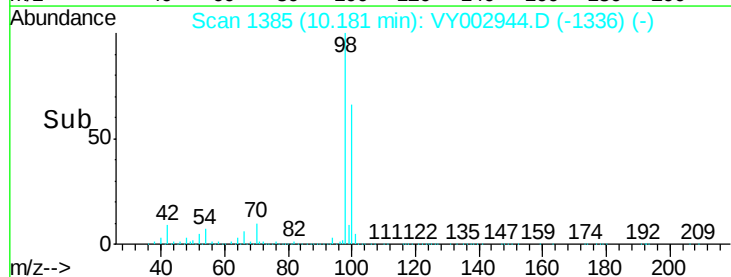
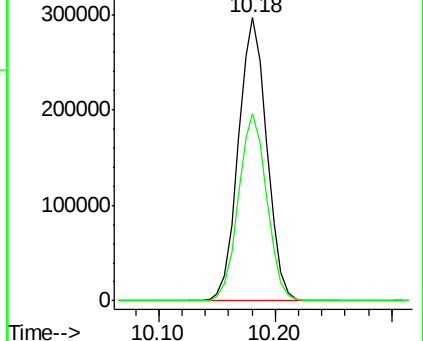
98 100

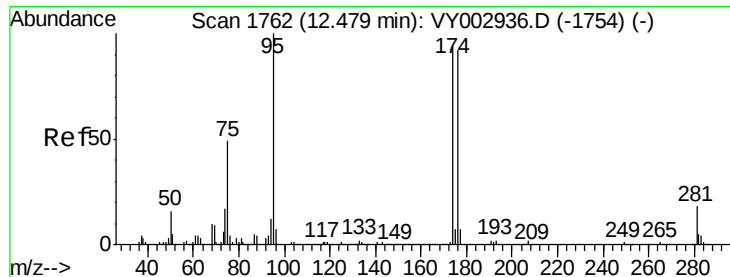
100 65.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.443 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002944.D

Acq: 19 Jun 2020 17:48

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-228

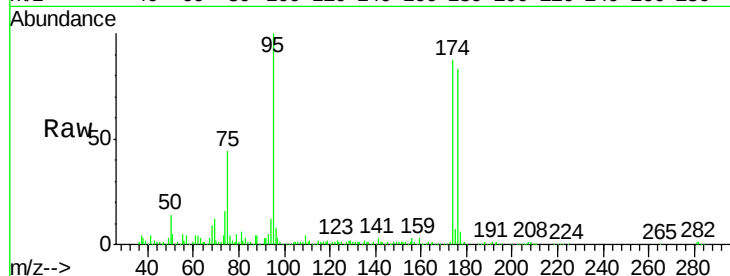
Tgt Ion: 95 Resp: 150857

Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.2

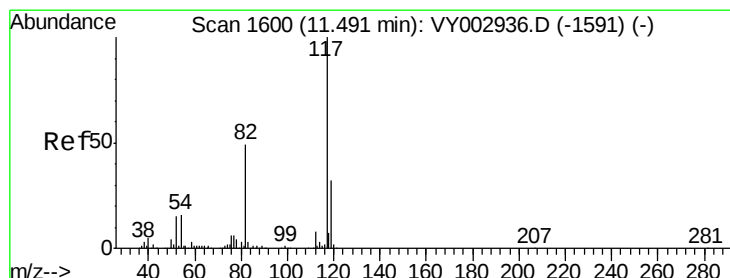
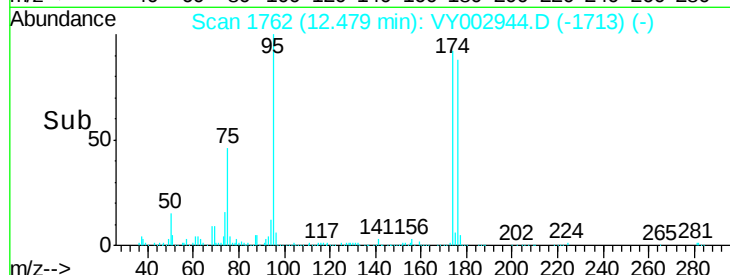
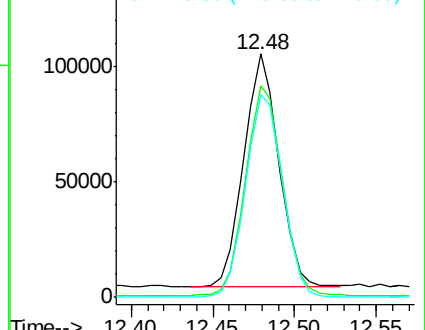
176 92.2 0.0 186.0



Abundance Ion 94.90 (94.60 to 95.60): VY002936.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002936.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002936.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002944.D

Acq: 19 Jun 2020 17:48

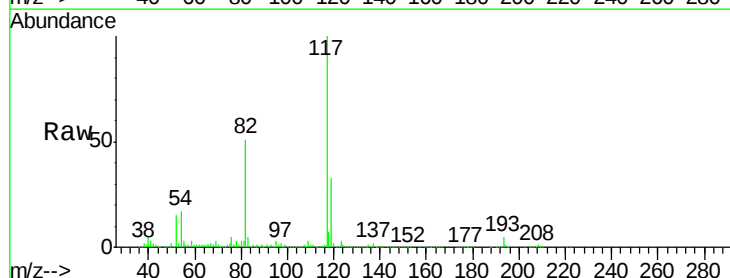
Tgt Ion: 117 Resp: 381567

Ion Ratio Lower Upper

117 100

82 50.5 39.4 59.0

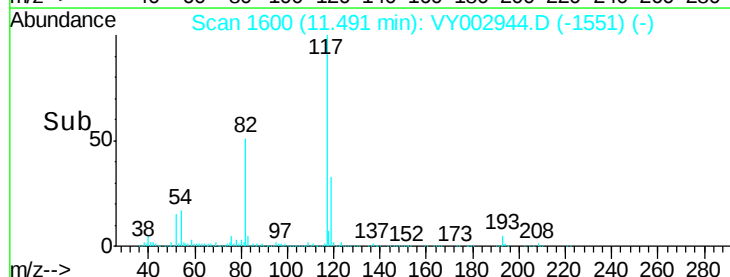
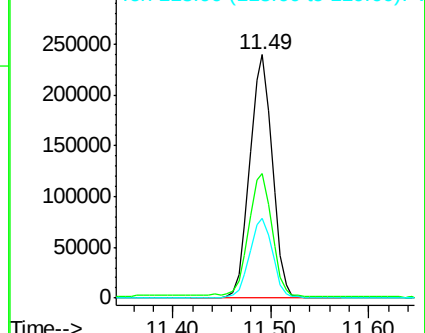
119 32.6 25.4 38.0

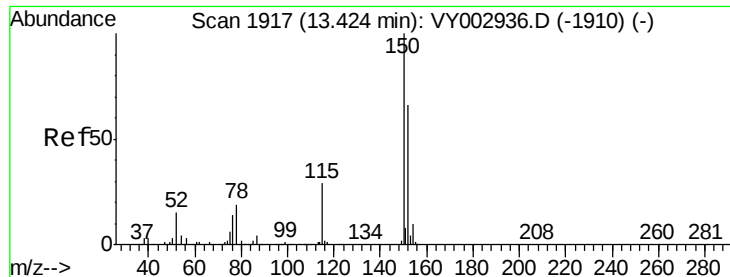


Abundance Ion 116.90 (116.60 to 117.60): VY002936.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY002936.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY002936.D (-1591) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002944.D

Acq: 19 Jun 2020 17:48

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-228

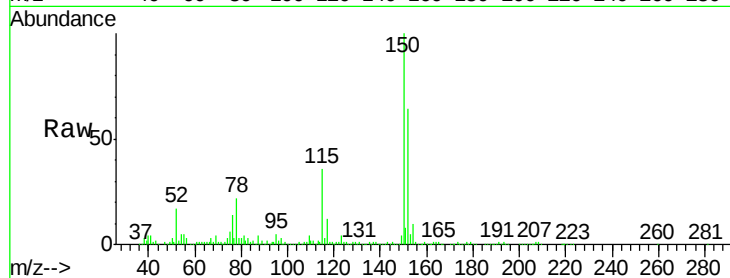
Tgt Ion:152 Resp: 143273

Ion Ratio Lower Upper

152 100

115 54.6 26.9 80.6

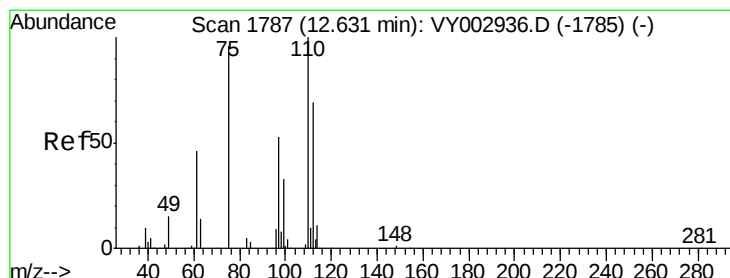
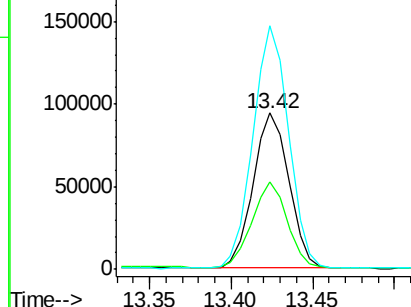
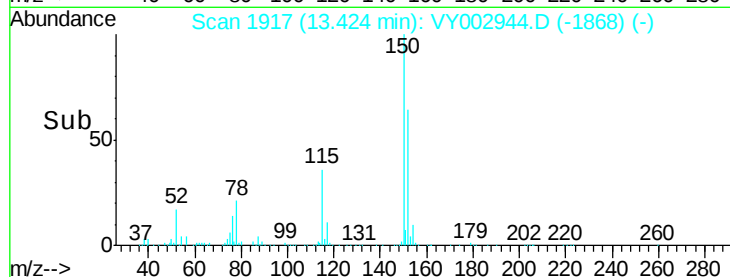
150 155.7 0.0 341.8



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: 57.353 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002944.D

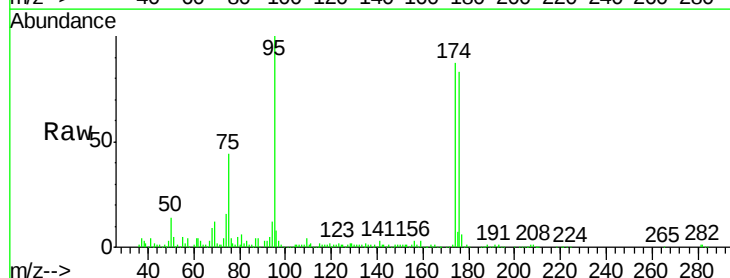
Acq: 19 Jun 2020 17:48

Tgt Ion: 75 Resp: 71563

Ion Ratio Lower Upper

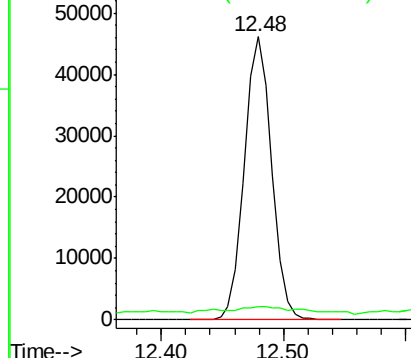
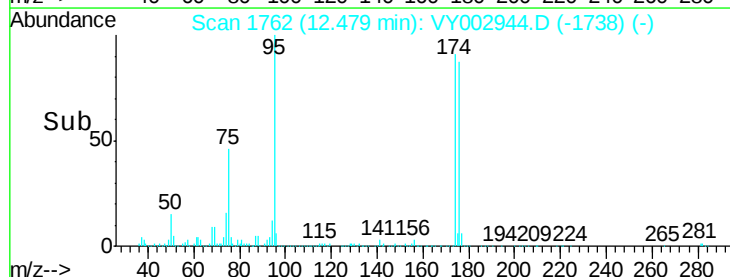
75 100

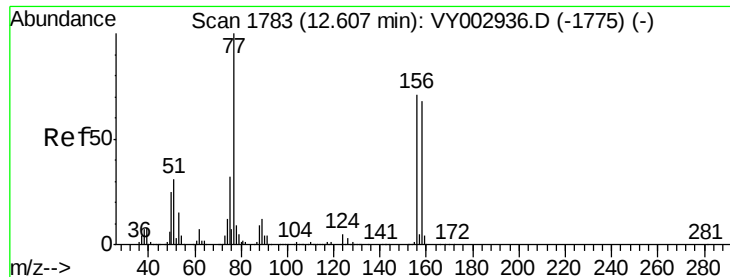
77 3.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 1.307 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.04 min

Lab File: VY002944.D

Acq: 19 Jun 2020 17:48

Instrument :

MSVOA_Y

ClientSampled :

VNJ-228

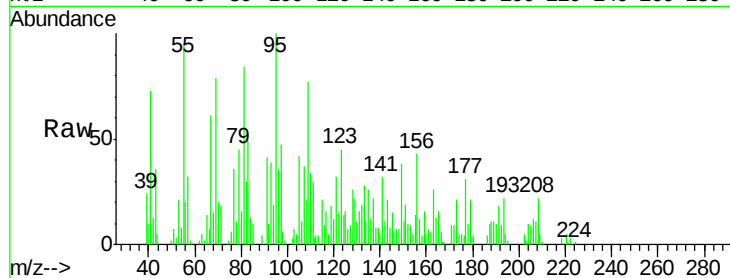
Tgt Ion:156 Resp: 3004

Ion Ratio Lower Upper

156 100

77 0.0 80.5 241.5#

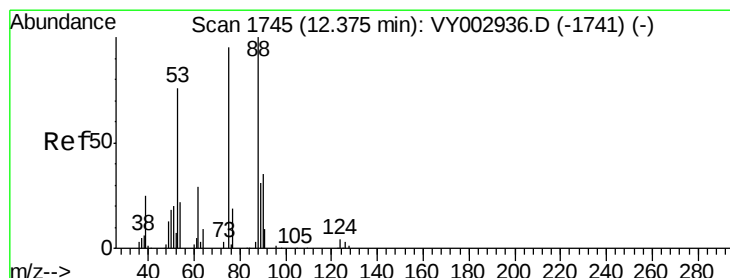
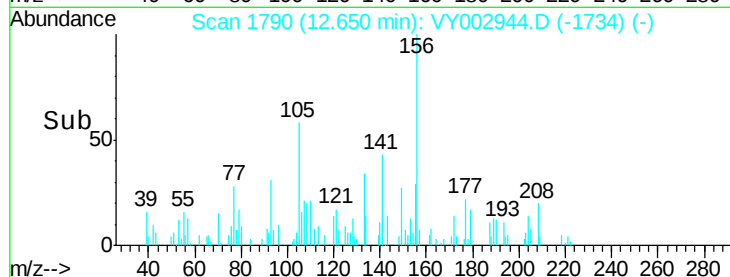
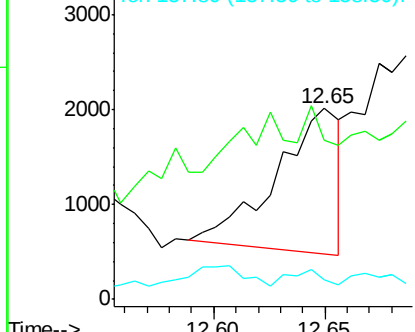
158 5.6 48.2 144.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 109.499 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002944.D

Acq: 19 Jun 2020 17:48

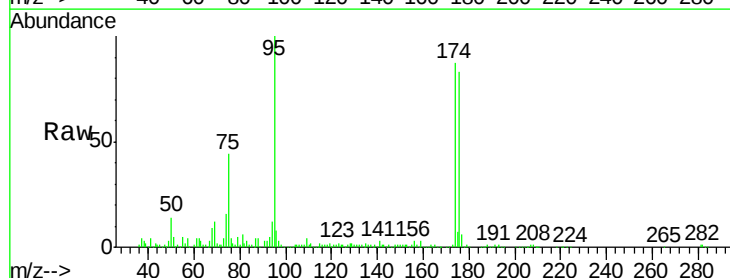
Tgt Ion: 75 Resp: 71563

Ion Ratio Lower Upper

75 100

53 1.0 65.1 97.7#

89 0.3 38.4 57.6#



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

