

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011420\
 Data File : VY001201.D
 Acq On : 14 Jan 2020 14:04
 Operator : SY/MD
 Sample : L1108-01
 Misc : 5.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INWOOD-BH-01-A

Quant Time: Jan 15 01:22:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

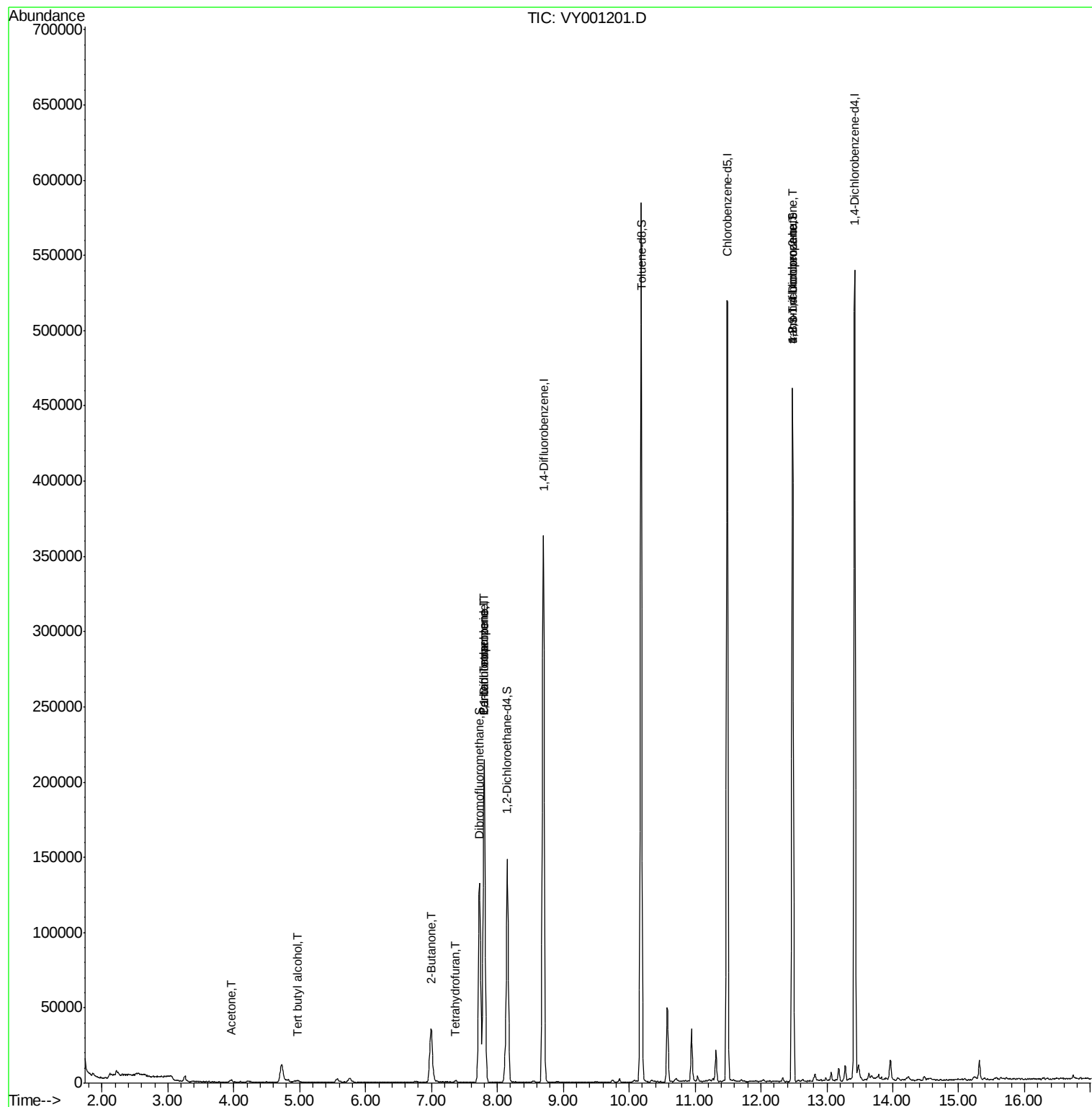
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	173212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	317373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	291554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	133703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	103558	56.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.22%	
35) Dibromofluoromethane	7.73	113	95823	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
50) Toluene-d8	10.18	98	375665	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.48	95	140905	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	2381	12.936	ug/l #	78
16) Acetone	3.95	43	3108	7.315	ug/l #	86
20) Methylene Chloride	4.73	84	8814	Below Cal		96
25) 2-Butanone	6.99	43	2423	3.664	ug/l	96
29) Tetrahydrofuran	7.36	42	588	1.298	ug/l #	44
36) 1,1-Dichloropropene	7.80	75	13179	4.556	ug/l #	48
38) Carbon Tetrachloride	7.80	117	15979	6.028	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	68066	47.555	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	68066	80.643	ug/l #	6

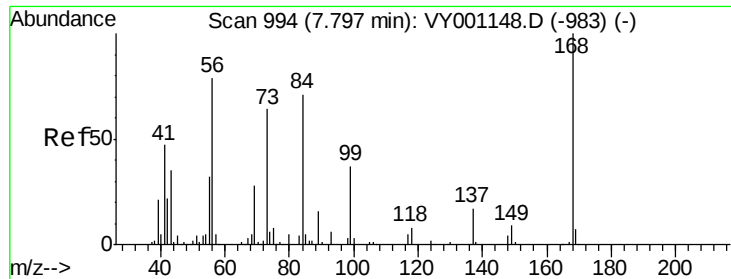
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

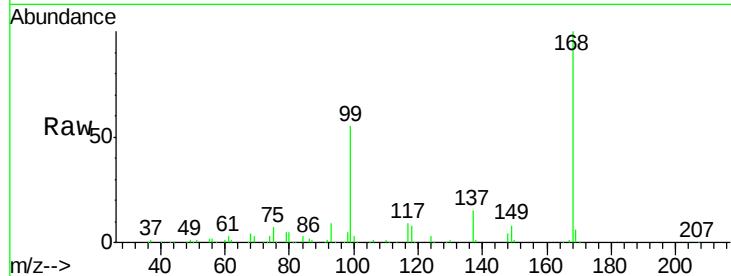
INWOOD-BH-01-A

Tgt Ion:168 Resp: 173212

Ion Ratio Lower Upper

168 100

99 55.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

40000

20000

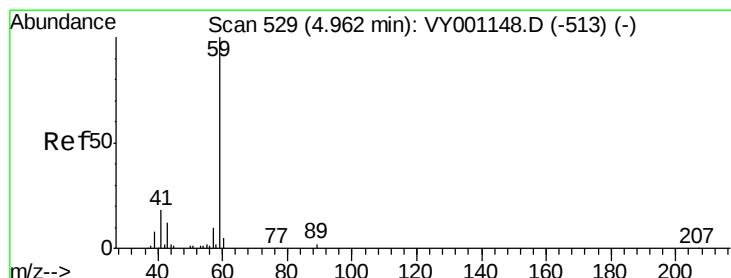
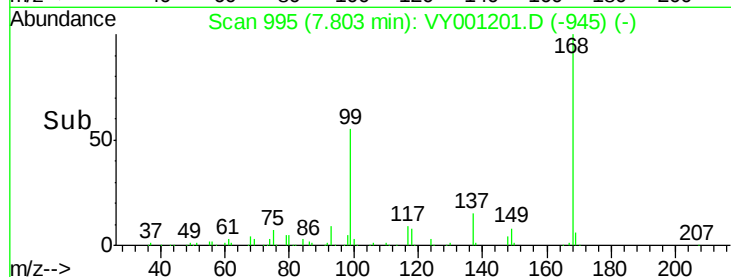
0

7.70

7.80

7.90

Time-->



#11

Tert butyl alcohol

Concen: 12.936 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.00 min

Lab File: VY001201.D

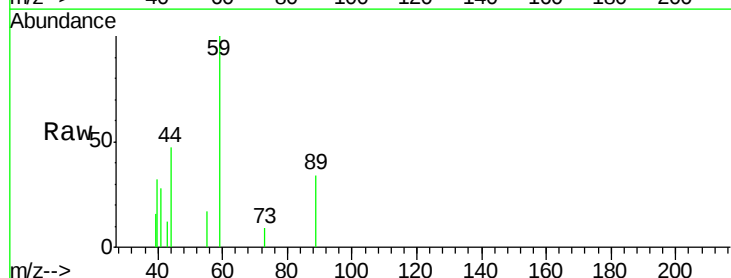
Acq: 14 Jan 2020 14:04

Tgt Ion: 59 Resp: 2381

Ion Ratio Lower Upper

59 100

57 1.7 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001148.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY001148.D (-513) (-)

4.96

600

400

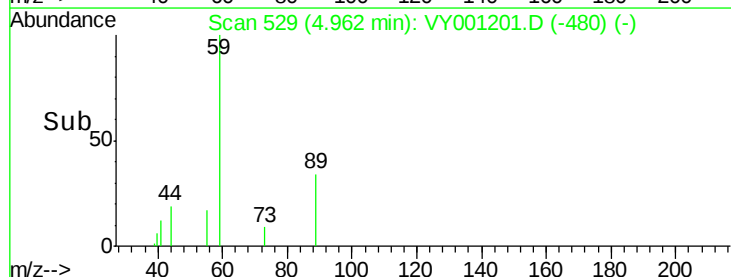
200

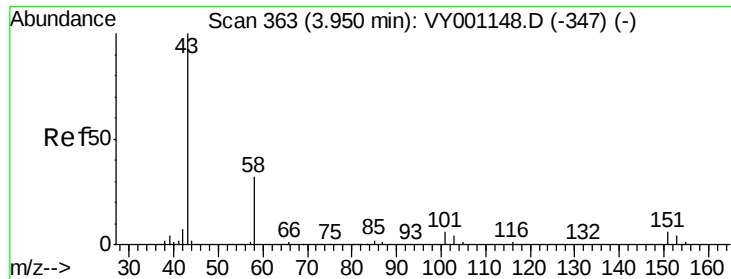
0

4.90

5.00

Time-->





#16

Acetone

Concen: 7.315 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

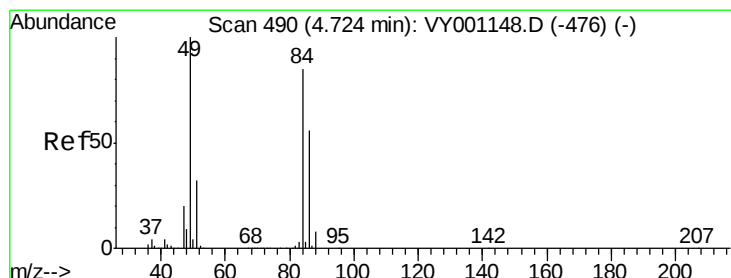
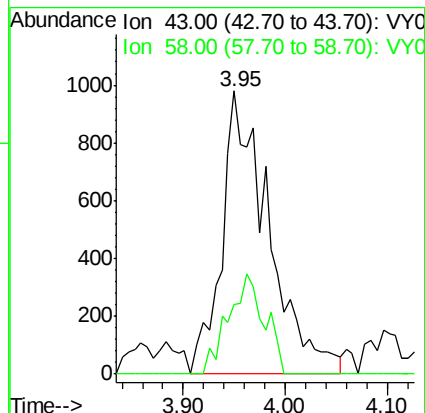
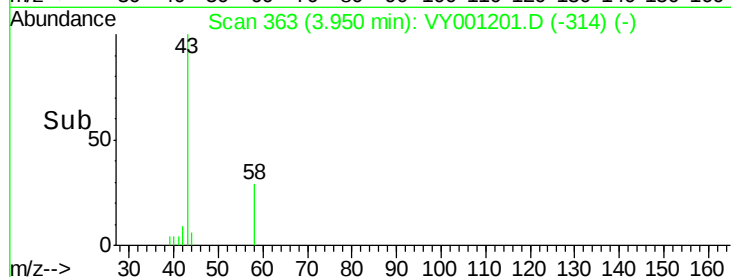
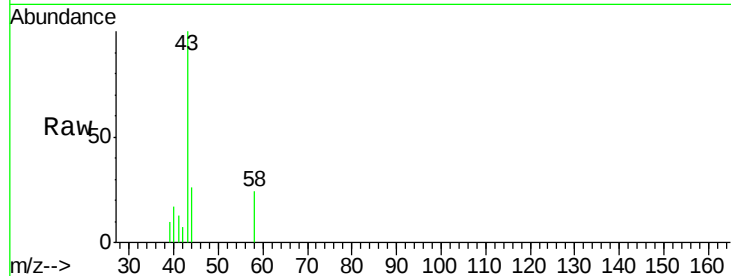
INWOOD-BH-01-A

Tgt Ion: 43 Resp: 3108

Ion Ratio Lower Upper

43 100

58 24.4 25.8 38.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

Tgt Ion: 84 Resp: 8814

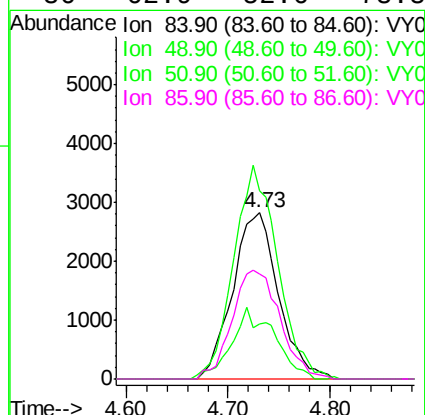
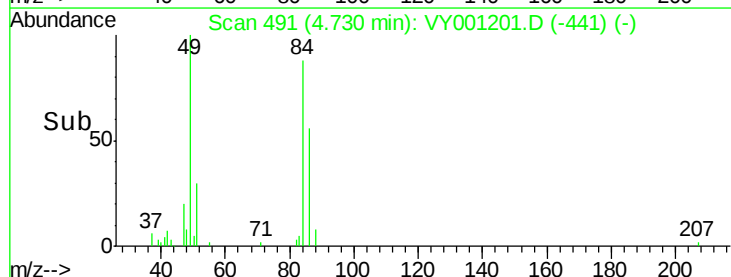
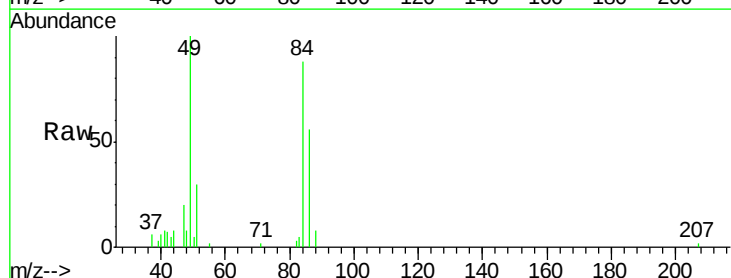
Ion Ratio Lower Upper

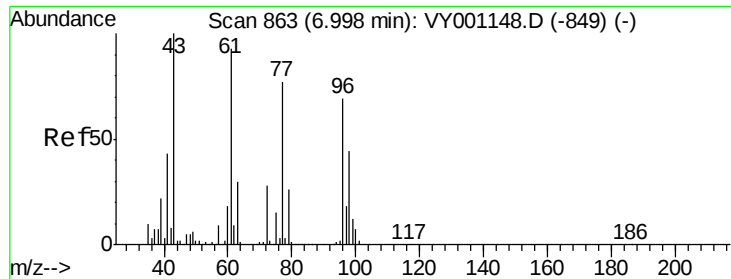
84 100

49 113.1 93.8 140.6

51 33.5 29.9 44.9

86 62.9 52.6 78.8





#25

2-Butanone

Concen: 3.664 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

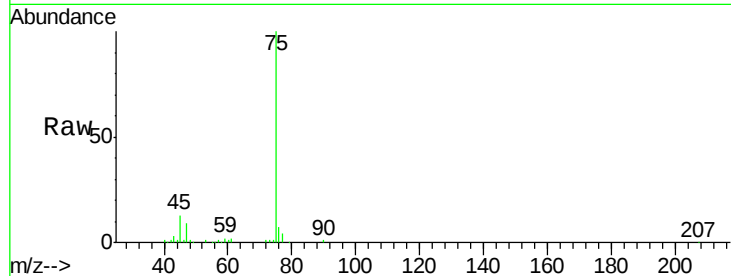
INWOOD-BH-01-A

Tgt Ion: 43 Resp: 2423

Ion Ratio Lower Upper

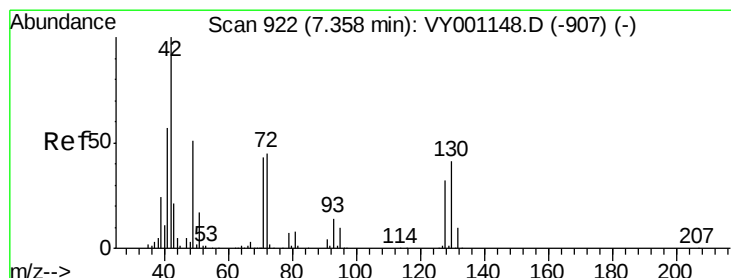
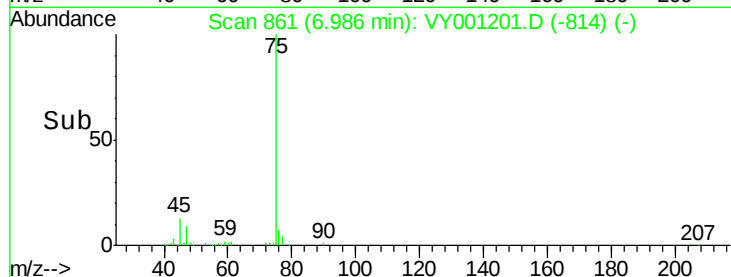
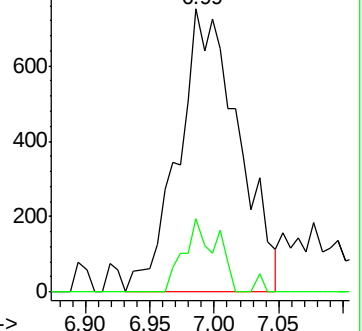
43 100

72 25.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#29

Tetrahydrofuran

Concen: 1.298 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

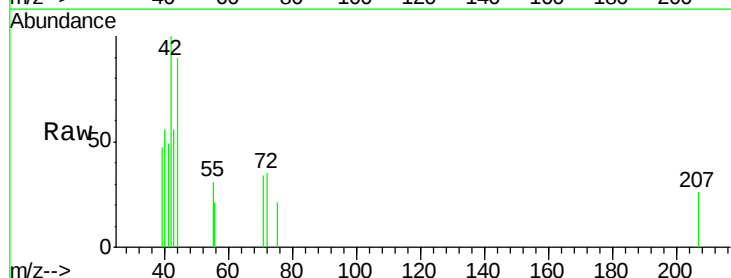
Tgt Ion: 42 Resp: 588

Ion Ratio Lower Upper

42 100

72 0.0 36.9 55.3#

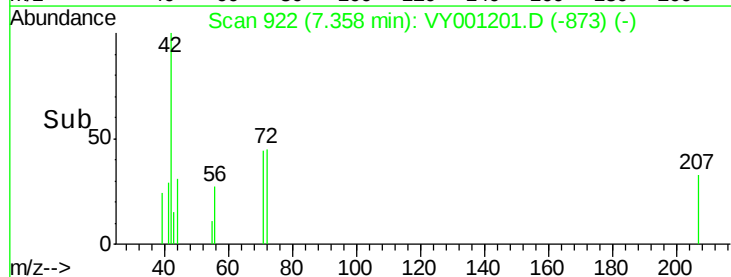
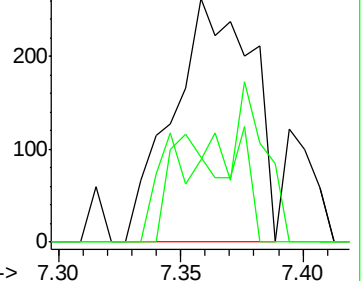
71 15.8 34.0 51.0#

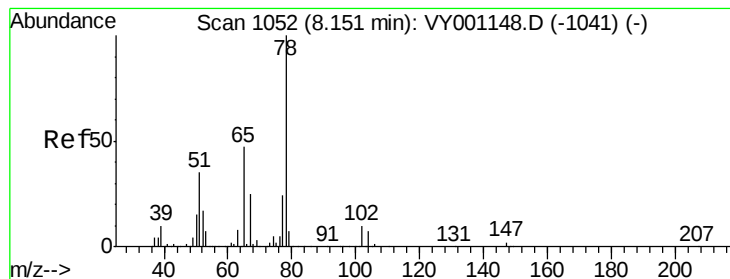


Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 56.607 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

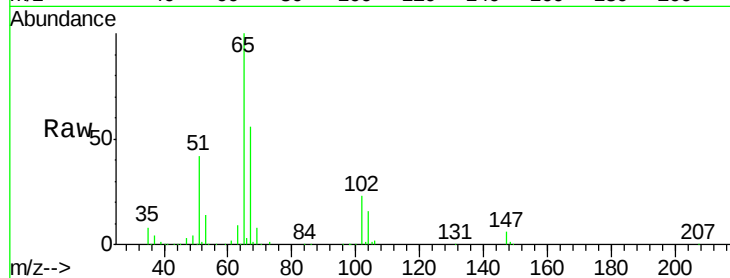
INWOOD-BH-01-A

Tgt Ion: 65 Resp: 103558

Ion Ratio Lower Upper

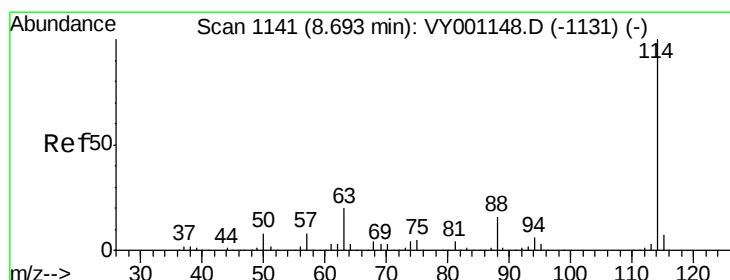
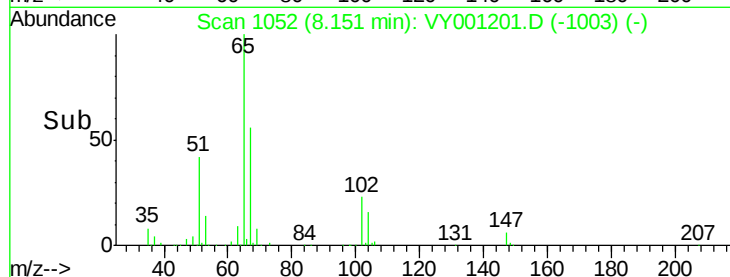
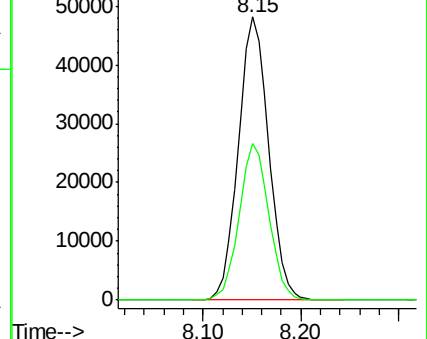
65 100

67 54.3 0.0 105.2



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: VY001201.D

Acq: 14 Jan 2020 14:04

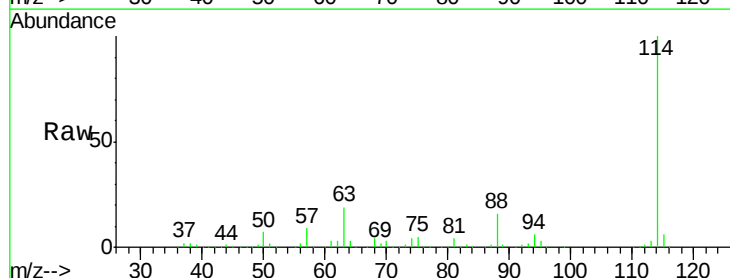
Tgt Ion: 114 Resp: 317373

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

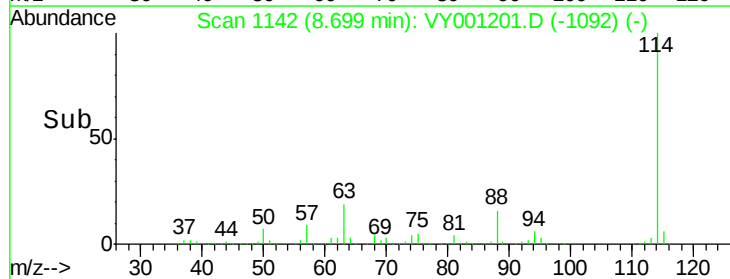
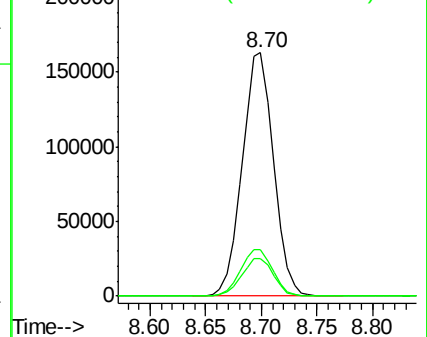
88 15.6 0.0 32.4

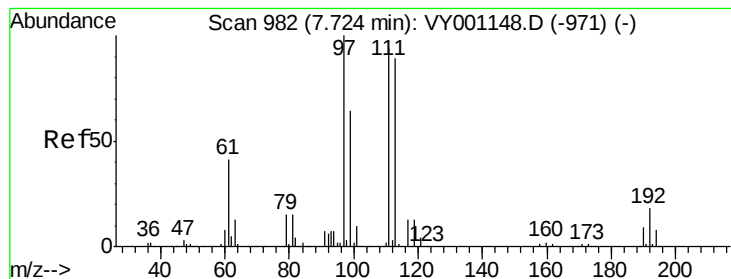


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 51.567 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

INWOOD-BH-01-A

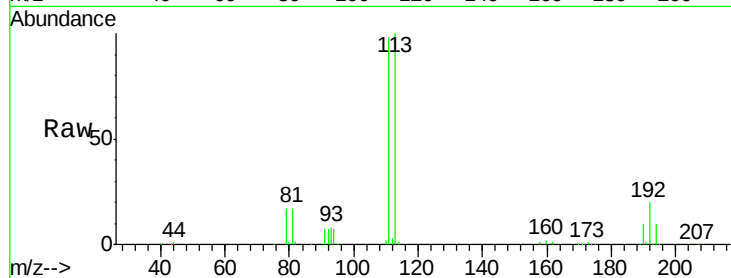
Tgt Ion:113 Resp: 95823

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

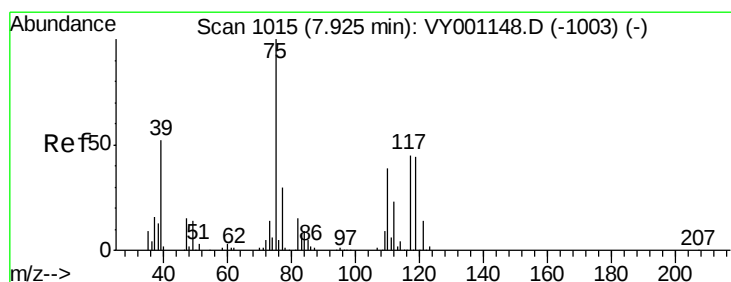
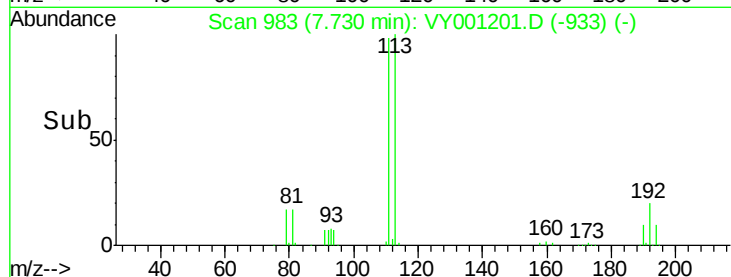
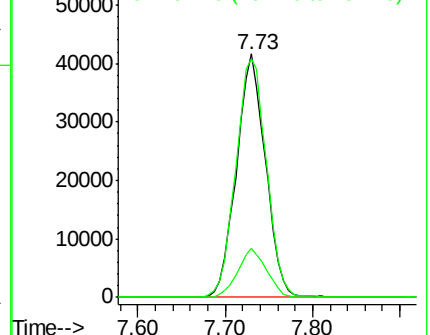
192 20.0 15.4 23.2



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: 4.556 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

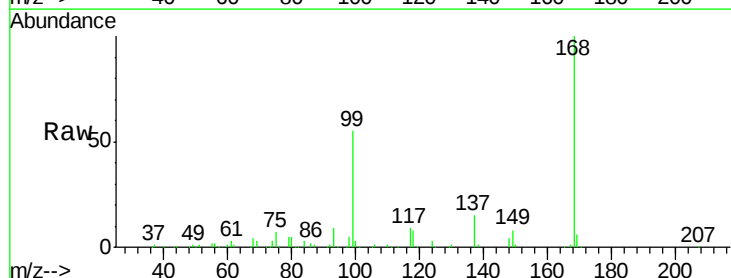
Tgt Ion: 75 Resp: 13179

Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

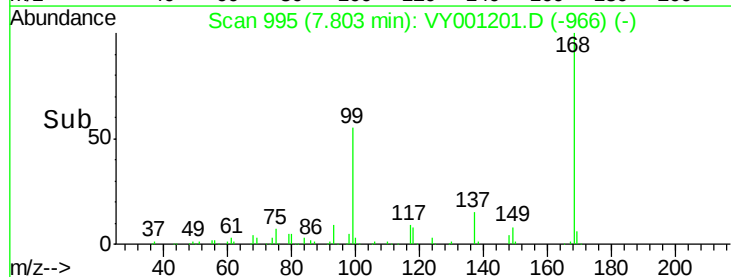
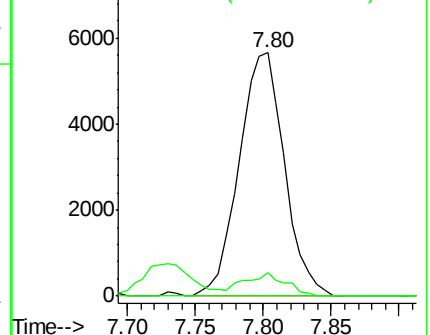
77 0.0 25.1 37.7#

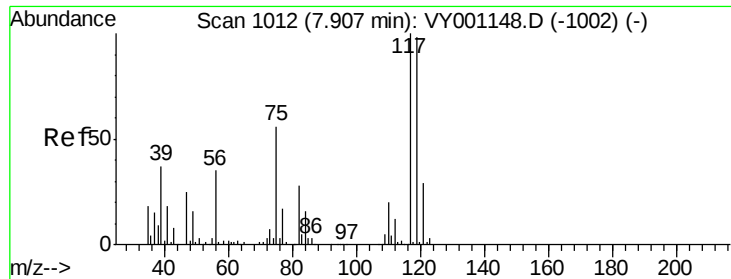


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

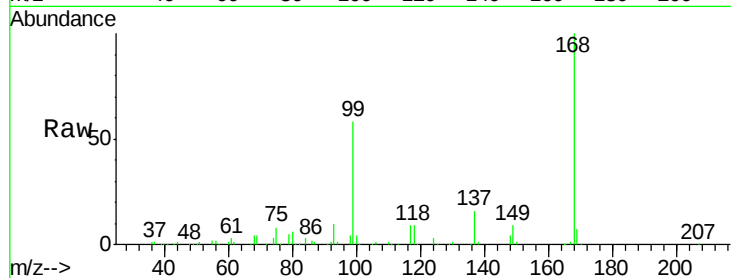




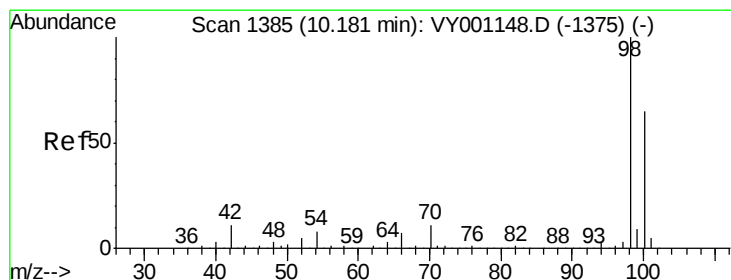
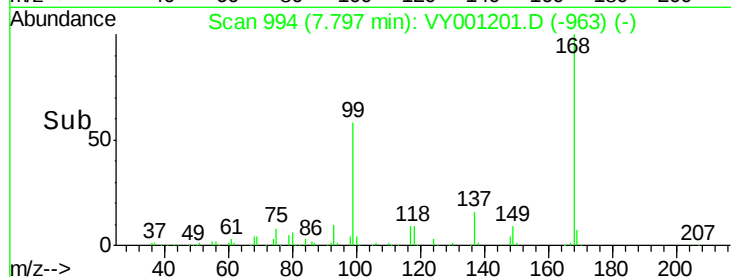
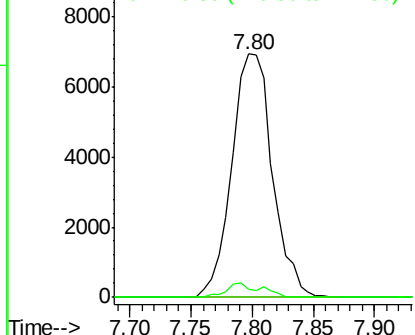
#38
Carbon Tetrachloride
Concen: 6.028 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001201.D
Acq: 14 Jan 2020 14:04

Instrument :
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INWOOD-BH-01-A

Tgt Ion:117 Resp: 15979
Ion Ratio Lower Upper
117 100
119 3.2 78.3 117.5#
121 0.0 23.5 35.3#

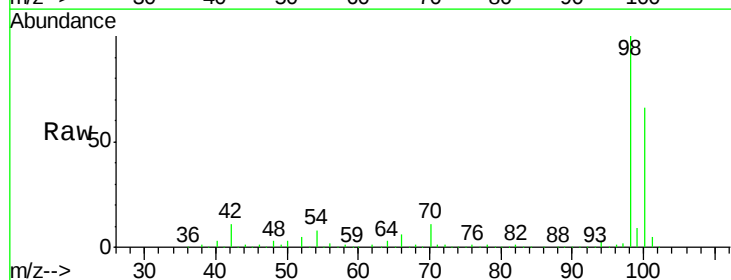


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

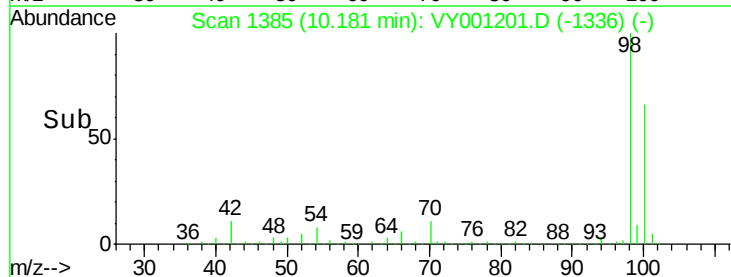
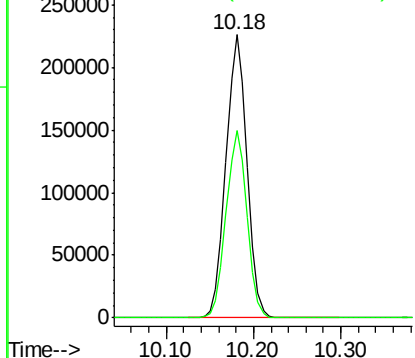


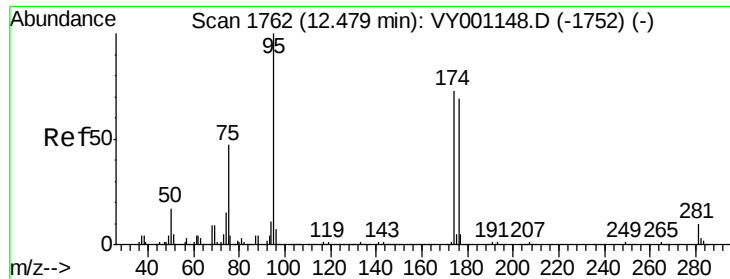
#50
Toluene-d8
Concen: 52.467 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001201.D
Acq: 14 Jan 2020 14:04

Tgt Ion: 98 Resp: 375665
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

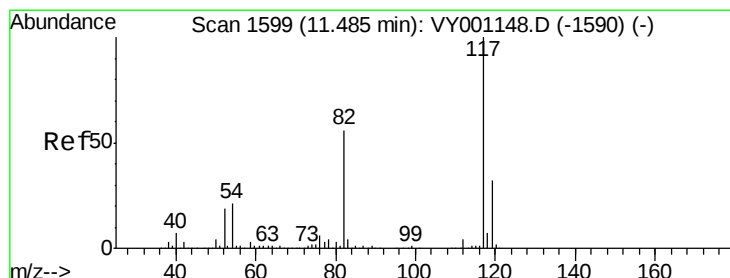
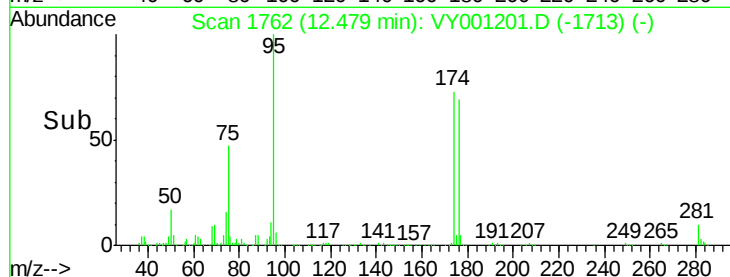
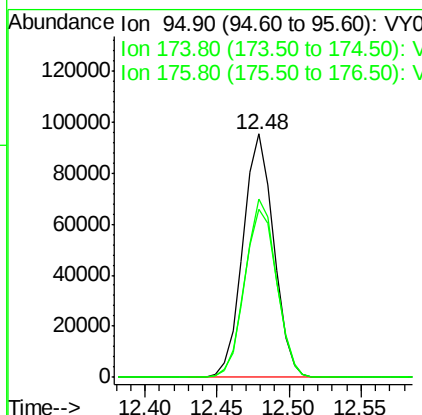
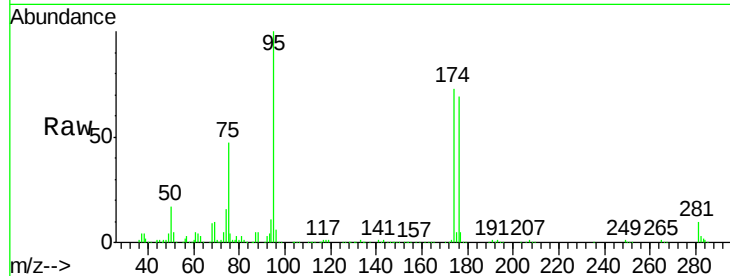




#62
4-Bromofluorobenzene
Concen: 48.136 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001201.D
Acq: 14 Jan 2020 14:04

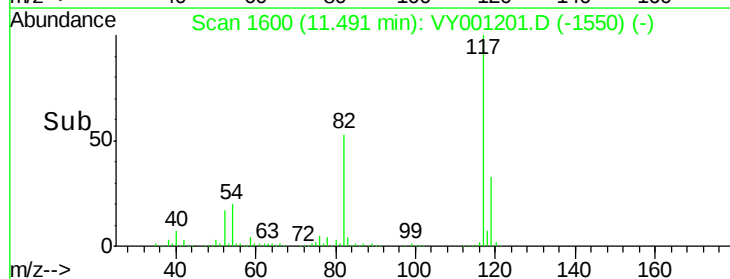
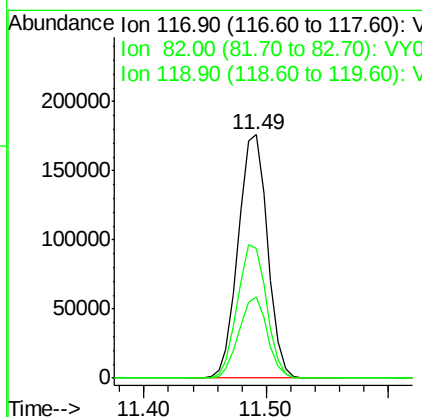
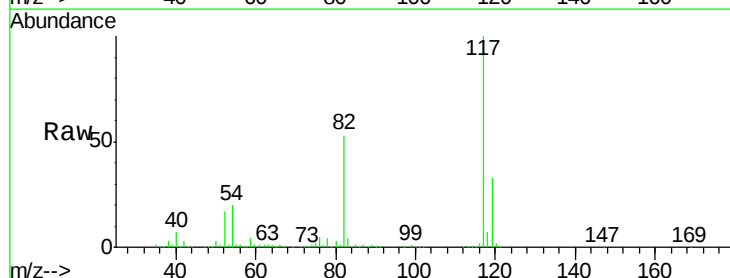
Instrument :
MSVOA_Y
ClientSampleId :
INWOOD-BH-01-A

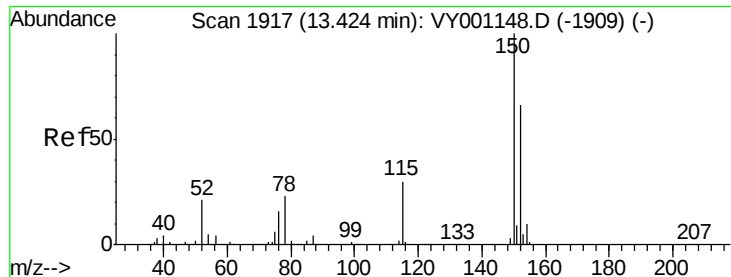
Tgt Ion: 95 Resp: 140905
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.2
176 72.5 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001201.D
Acq: 14 Jan 2020 14:04

Tgt Ion: 117 Resp: 291554
Ion Ratio Lower Upper
117 100
82 53.5 44.9 67.3
119 33.2 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

INWOOD-BH-01-A

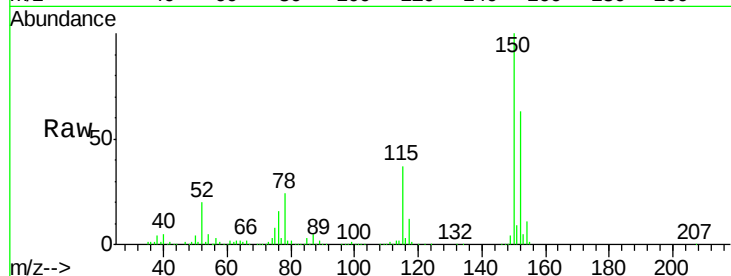
Tgt Ion:152 Resp: 133703

Ion Ratio Lower Upper

152 100

115 59.4 30.9 92.5

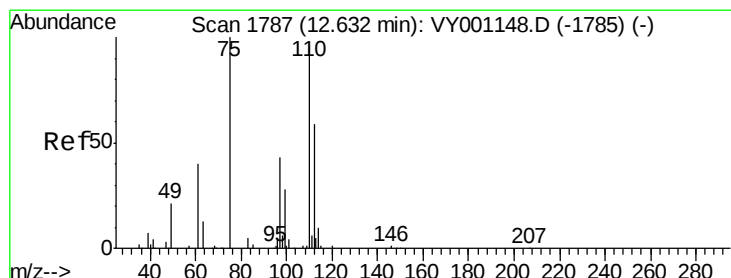
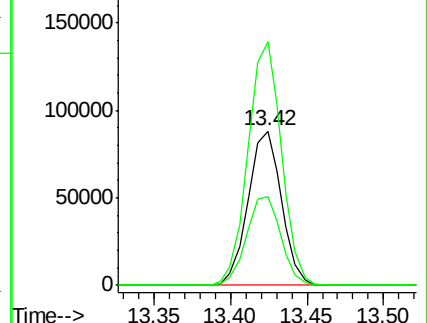
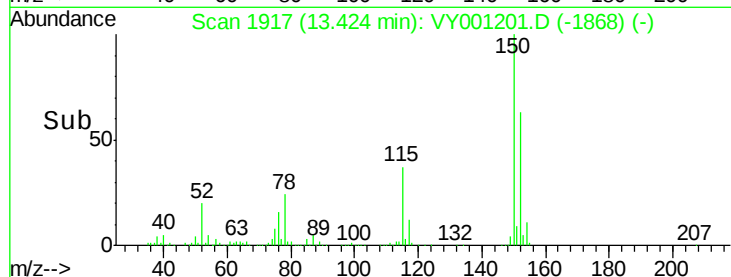
150 158.1 0.0 346.8



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: 47.555 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001201.D

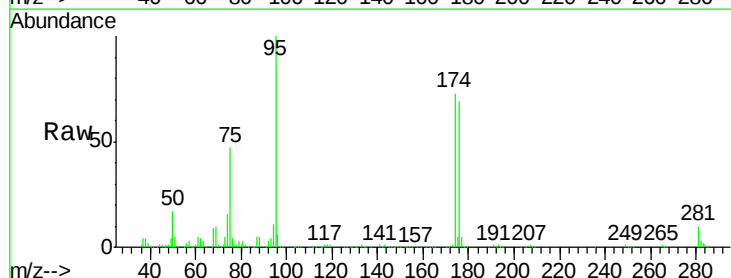
Acq: 14 Jan 2020 14:04

Tgt Ion: 75 Resp: 68066

Ion Ratio Lower Upper

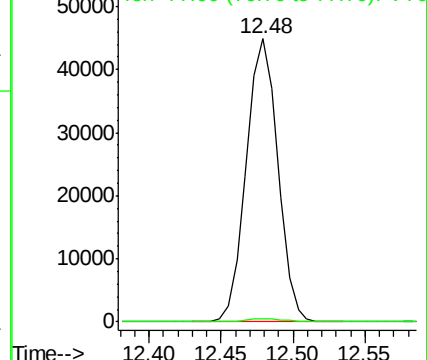
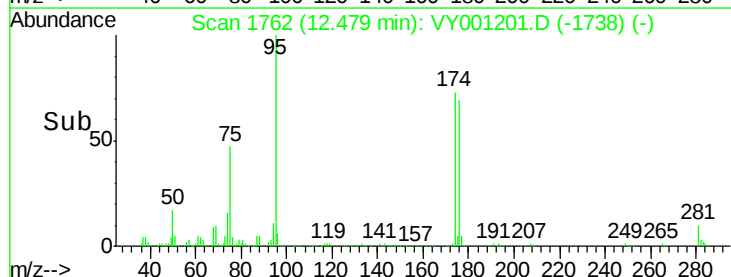
75 100

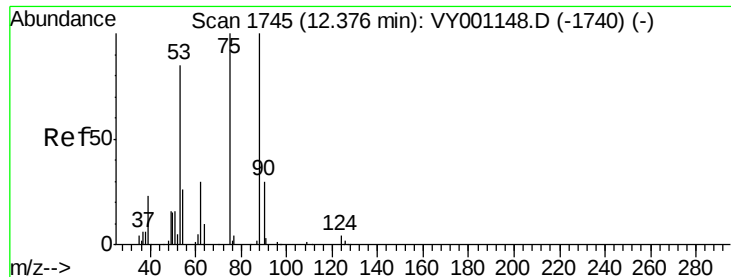
77 1.4 0.0 0.0#



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: 80.643 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

INWOOD-BH-01-A

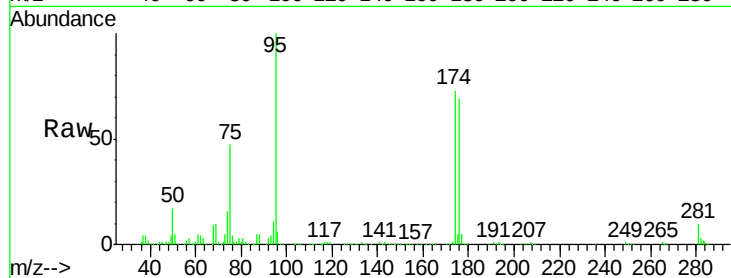
Tgt Ion: 75 Resp: 68066

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.4 0.0 0.0#



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

