

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011420\
 Data File : VY001203.D
 Acq On : 14 Jan 2020 14:48
 Operator : SY/MD
 Sample : L1108-03
 Misc : 5.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INWOOD-BH-02-A

Quant Time: Jan 15 01:23:07 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	176233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	324003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	297276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137385	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	102255	54.94	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.73	113	96950	51.11	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.18	98	380699	52.08	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.48	95	140612	47.05	ug/l	0.00
Spiked Amount						

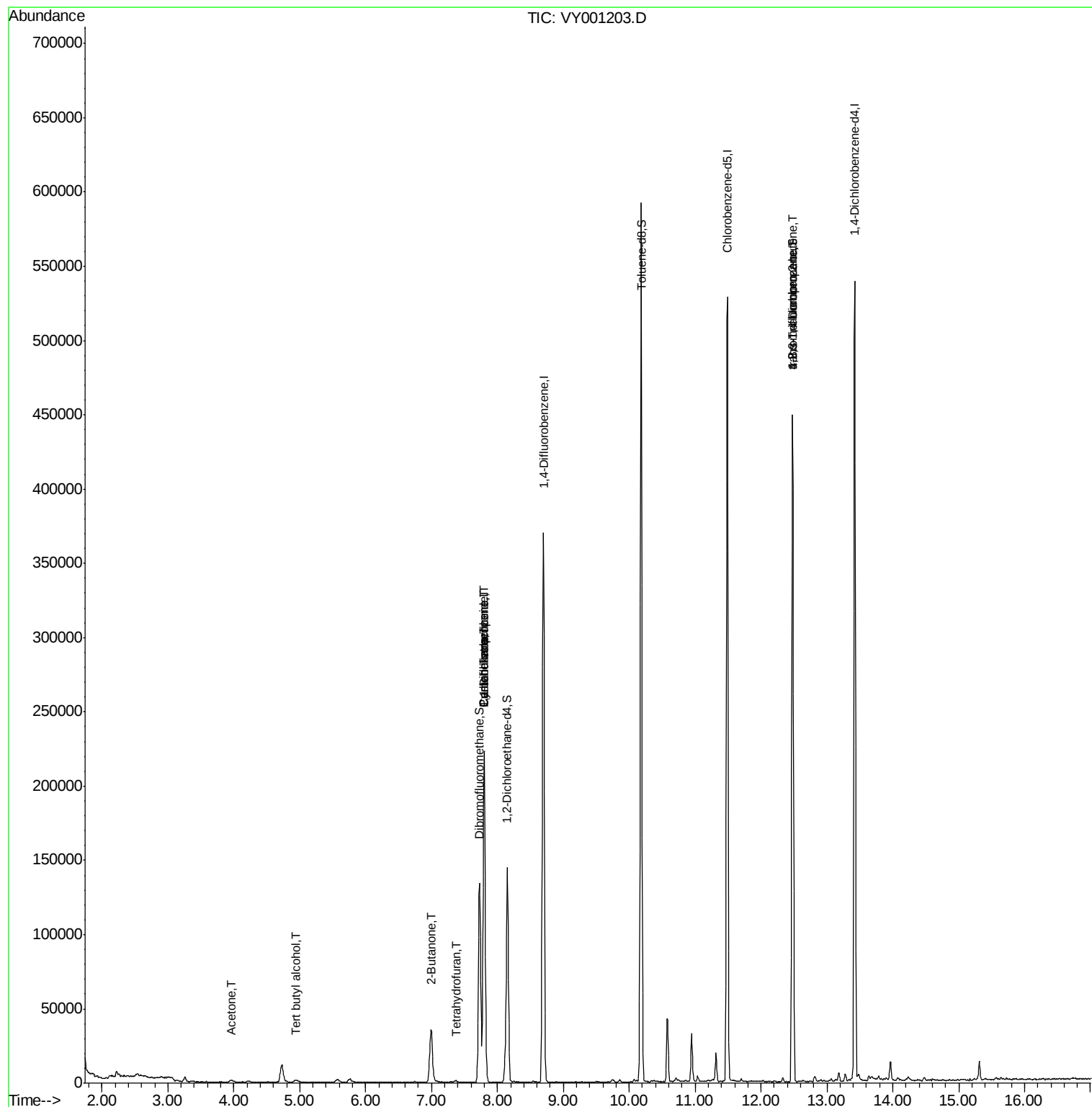
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.94	59	1594	8.512	ug/l #	88
16) Acetone	3.97	43	3161	7.312	ug/l	94
20) Methylene Chloride	4.72	84	9131	Below Cal		97
25) 2-Butanone	6.99	43	2658	3.951	ug/l #	81
29) Tetrahydrofuran	7.37	42	889	1.928	ug/l	96
31) Cyclohexane	7.80	56	3646	1.013	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	13360	4.524	ug/l #	49
38) Carbon Tetrachloride	7.80	117	17339	6.407	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	67298	45.759	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	67298	77.597	ug/l #	6

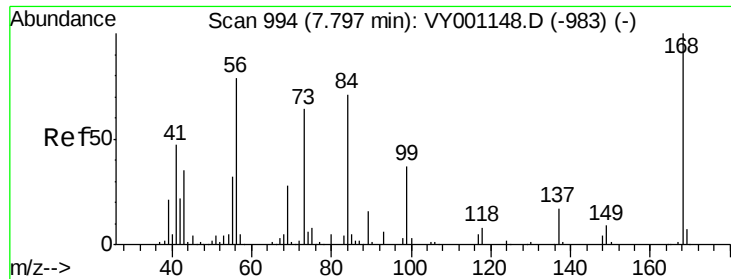
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY011420\
Data File : VY001203.D
Acq On : 14 Jan 2020 14:48
Operator : SY/MD
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INWOOD-BH-02-A

Quant Time: Jan 15 01:23:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
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: VY001203.D

Acq: 14 Jan 2020 14:48

Instrument :

MSVOA_Y

ClientSampleId :

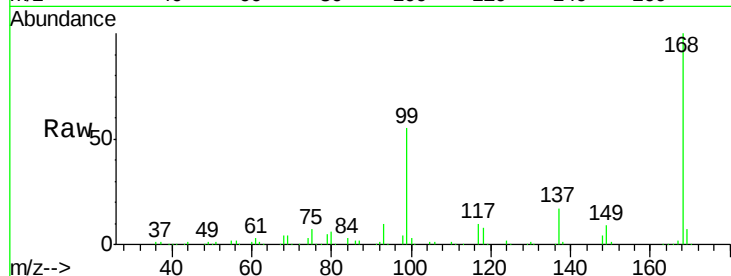
INWOOD-BH-02-A

Tgt Ion: 168 Resp: 176233

Ion Ratio Lower Upper

168 100

99 54.8 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

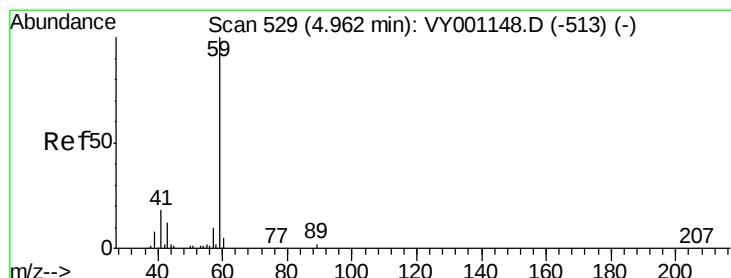
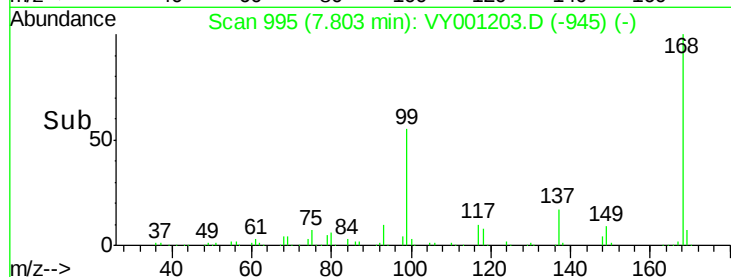
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 8.512 ug/l

RT: 4.94 min Scan# 525

Delta R.T. -0.02 min

Lab File: VY001203.D

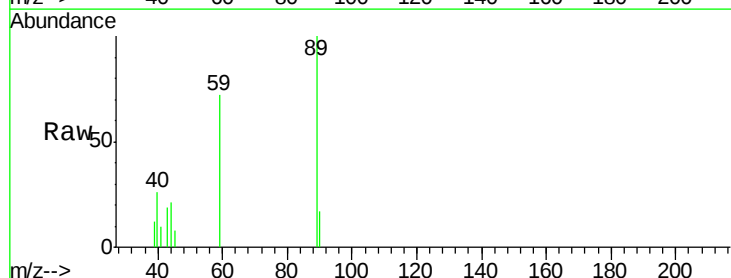
Acq: 14 Jan 2020 14:48

Tgt Ion: 59 Resp: 1594

Ion Ratio Lower Upper

59 100

57 5.5 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) (-)

4.94

600

500

400

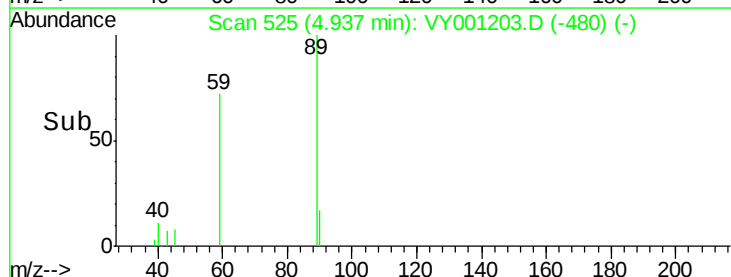
300

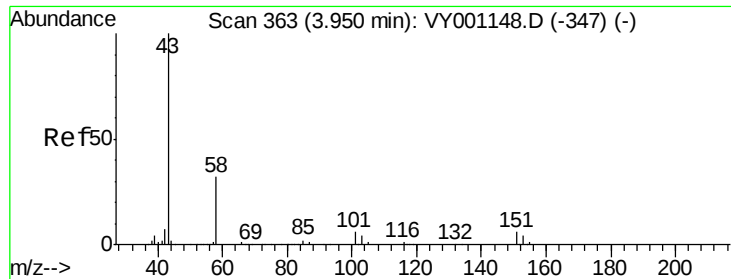
200

100

0

Time-->





#16

Acetone

Concen: 7.312 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001203.D

Acq: 14 Jan 2020 14:48

Instrument :

MSVOA_Y

ClientSampleId :

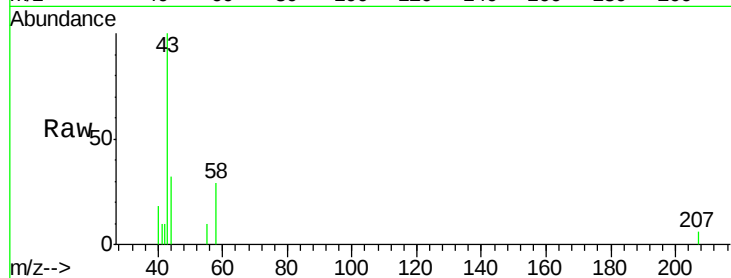
INWOOD-BH-02-A

Tgt Ion: 43 Resp: 3161

Ion Ratio Lower Upper

43 100

58 28.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

800

600

400

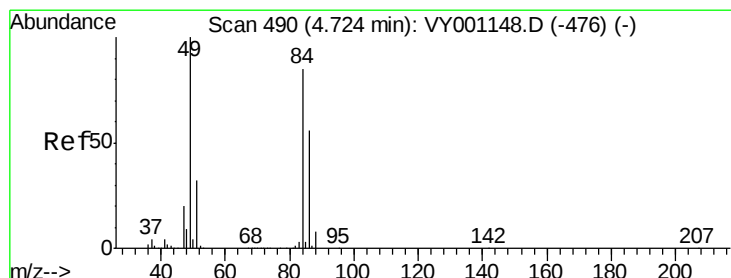
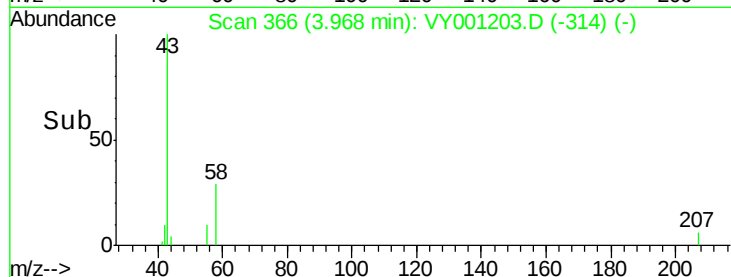
200

0

3.90

4.00

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY001203.D

Acq: 14 Jan 2020 14:48

Tgt Ion: 84 Resp: 9131

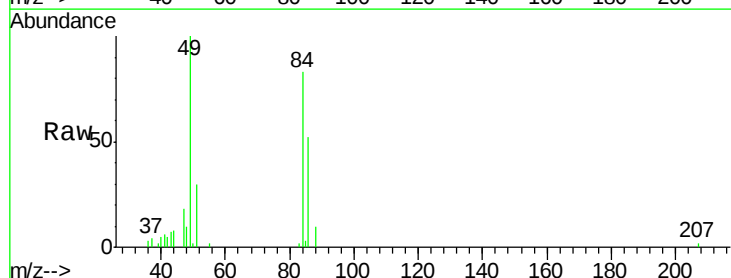
Ion Ratio Lower Upper

84 100

49 120.6 93.8 140.6

51 36.0 29.9 44.9

86 63.2 52.6 78.8



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

4.72

3000

2000

1000

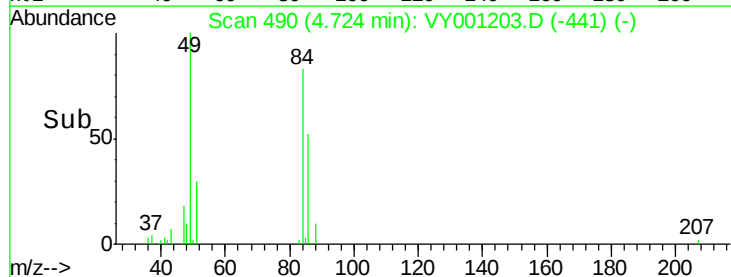
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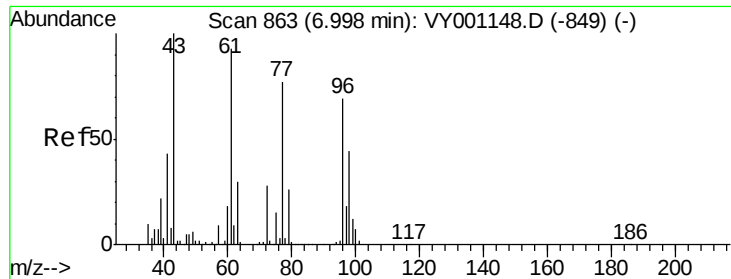
4.60

4.70

4.80

Time-->





#25

2-Butanone

Concen: 3.951 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001203.D

Acq: 14 Jan 2020 14:48

Instrument :

MSVOA_Y

ClientSampleId :

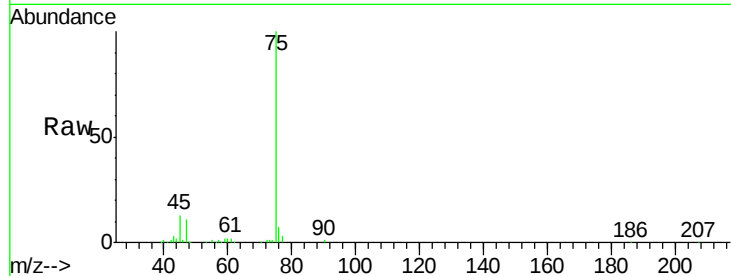
INWOOD-BH-02-A

Tgt Ion: 43 Resp: 2658

Ion Ratio Lower Upper

43 100

72 17.8 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

800

600

400

200

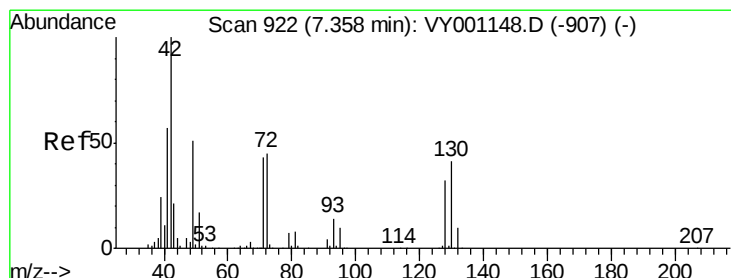
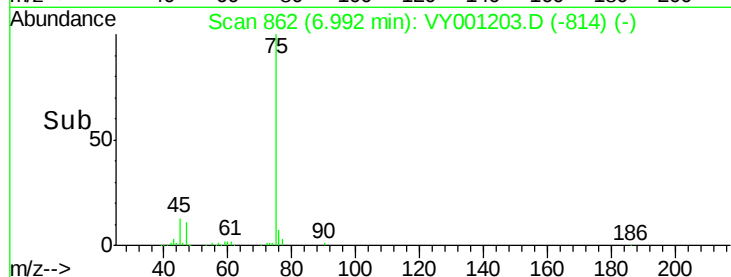
0

6.90

7.00

7.10

Time-->



#29

Tetrahydrofuran

Concen: 1.928 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY001203.D

Acq: 14 Jan 2020 14:48

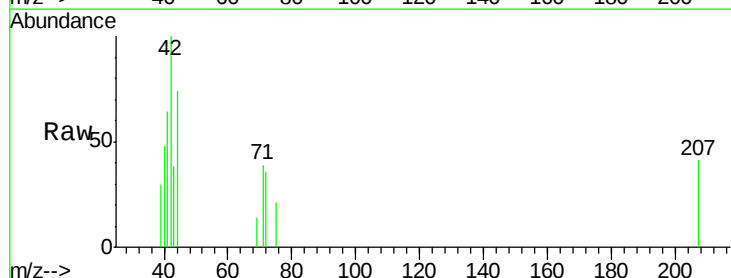
Tgt Ion: 42 Resp: 889

Ion Ratio Lower Upper

42 100

72 43.0 36.9 55.3

71 40.8 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

500

400

300

200

100

0

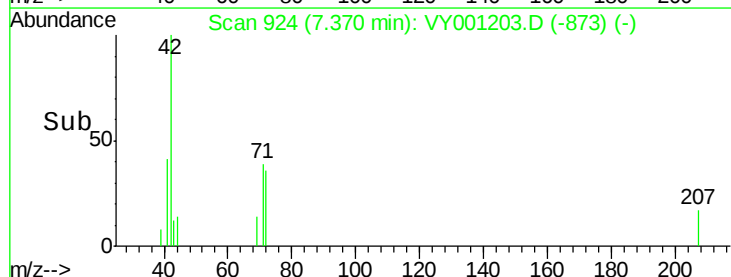
7.30

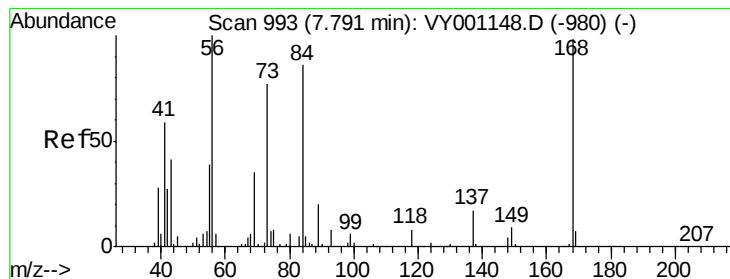
7.35

7.40

7.45

Time-->





#31

Cyclohexane

Concen: 1.013 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001203.D

Acq: 14 Jan 2020 14:48

Instrument :

MSVOA_Y

ClientSampleId :

INWOOD-BH-02-A

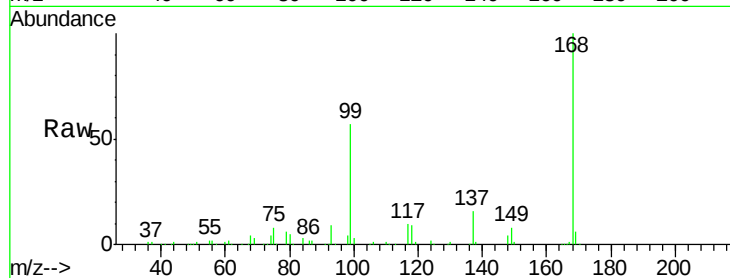
Tgt Ion: 56 Resp: 3646

Ion Ratio Lower Upper

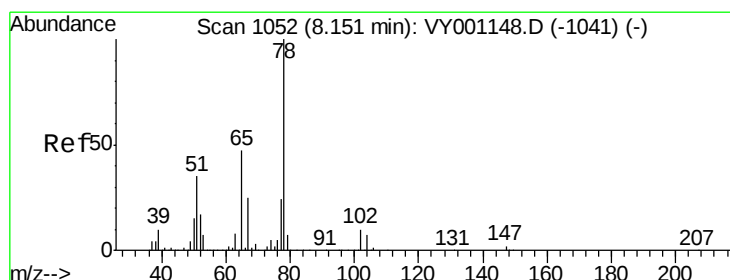
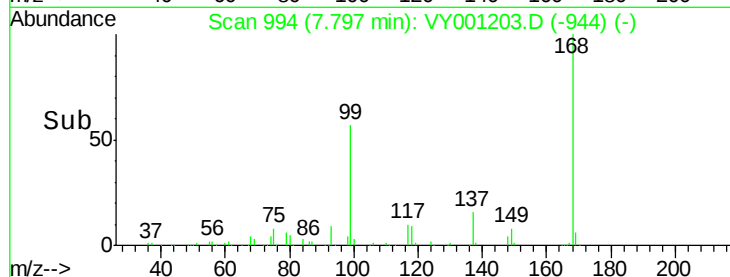
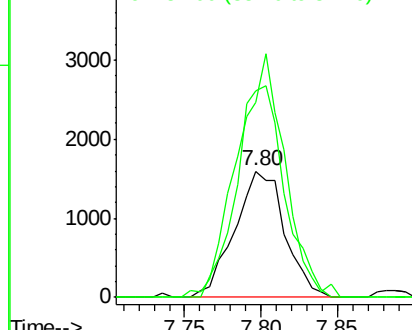
56 100

69 154.0 27.8 41.8#

84 163.9 68.9 103.3#



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: 54.937 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001203.D

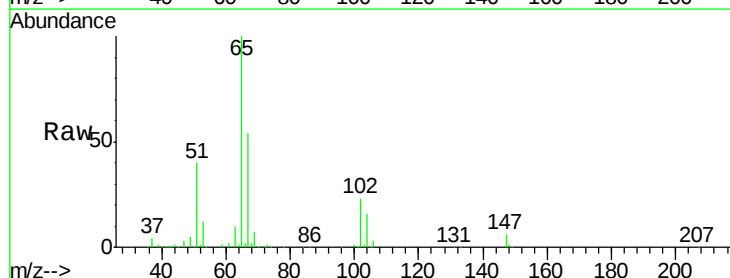
Acq: 14 Jan 2020 14:48

Tgt Ion: 65 Resp: 102255

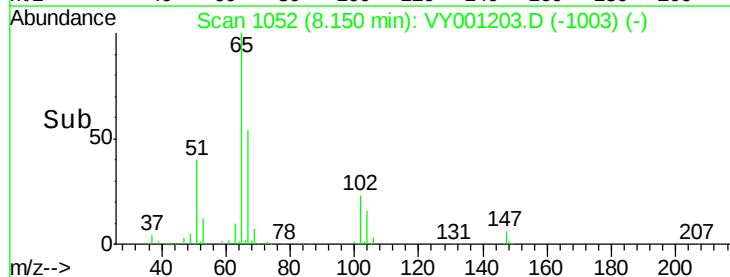
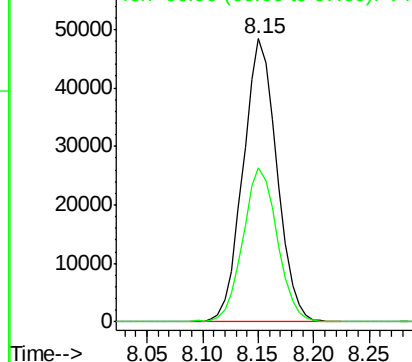
Ion Ratio Lower Upper

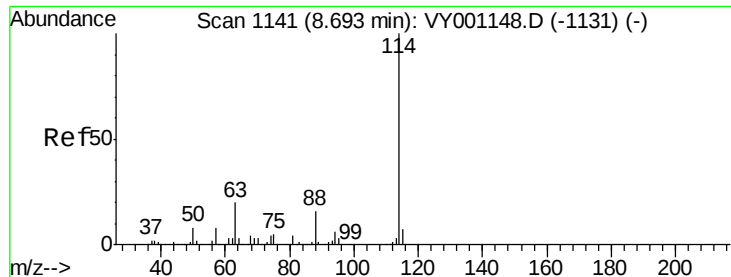
65 100

67 55.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

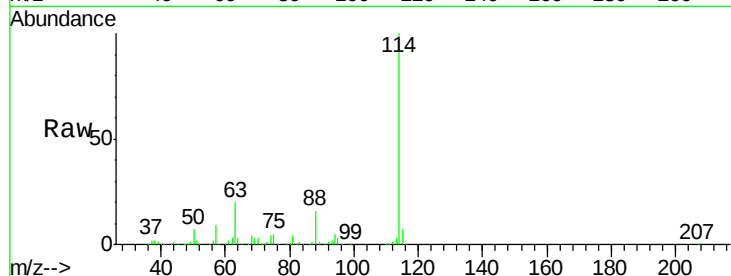




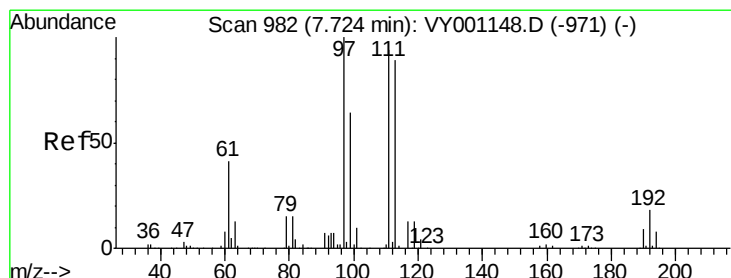
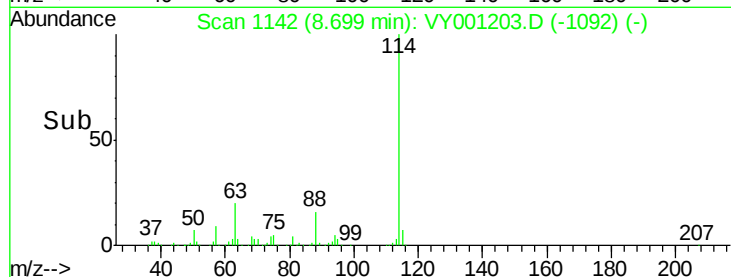
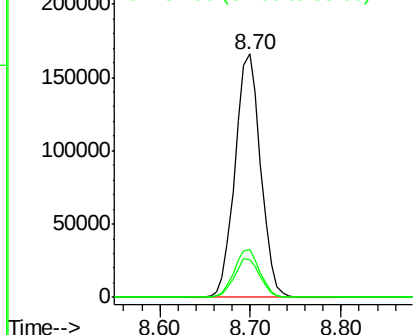
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001203.D
 Acq: 14 Jan 2020 14:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 INWOOD-BH-02-A

Tgt Ion:114 Resp: 324003
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.6 0.0 32.4

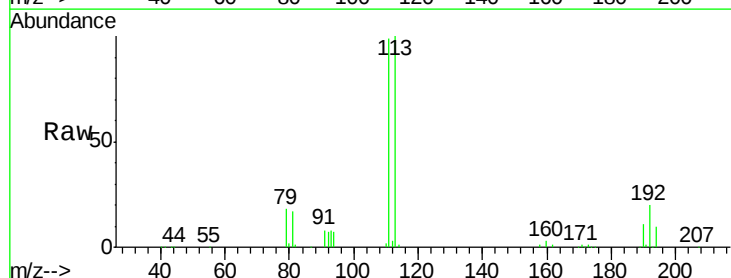


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

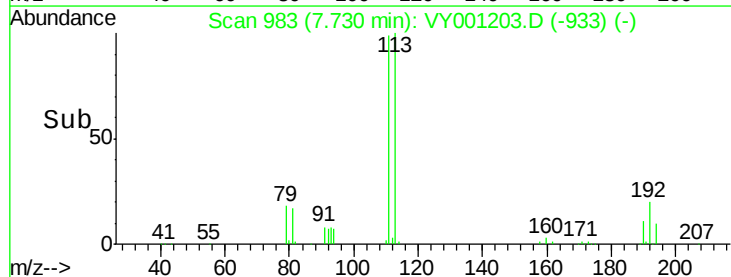
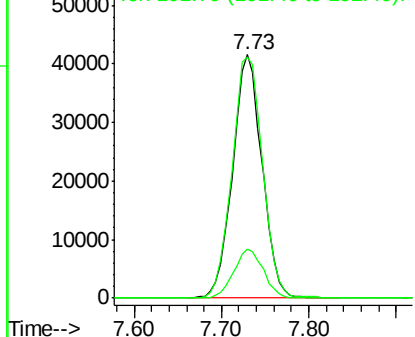


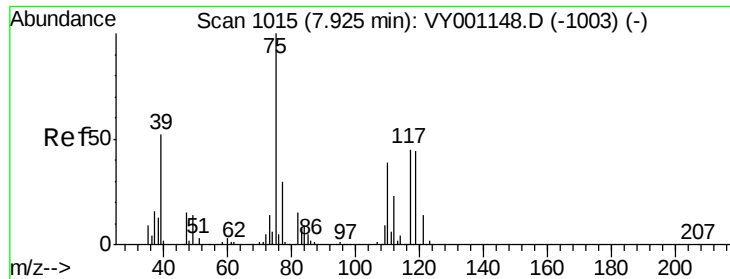
#35
 Dibromofluoromethane
 Concen: 51.106 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001203.D
 Acq: 14 Jan 2020 14:48

Tgt Ion:113 Resp: 96950
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.9 124.3
 192 20.1 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

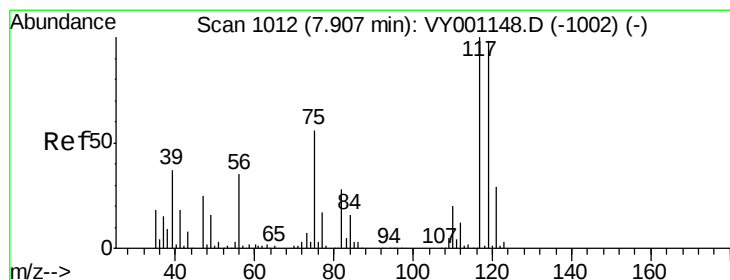
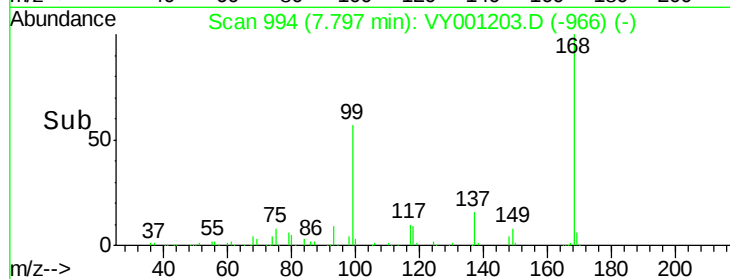
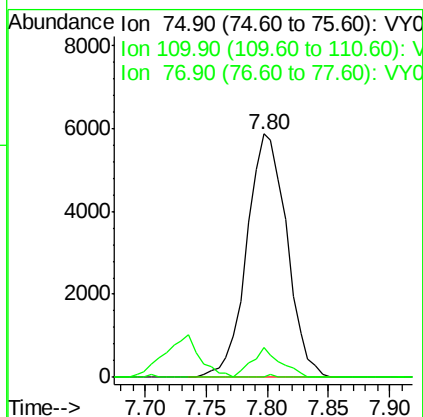
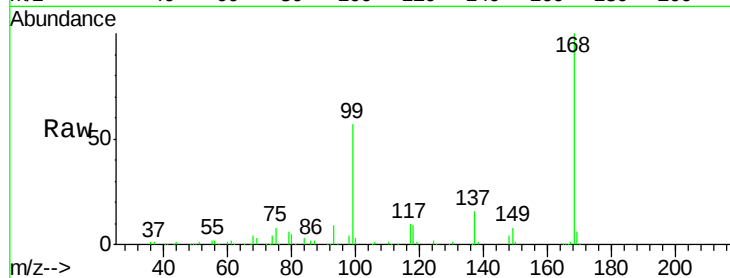




#36
 1,1-Dichloropropene
 Concen: 4.524 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001203.D
 Acq: 14 Jan 2020 14:48

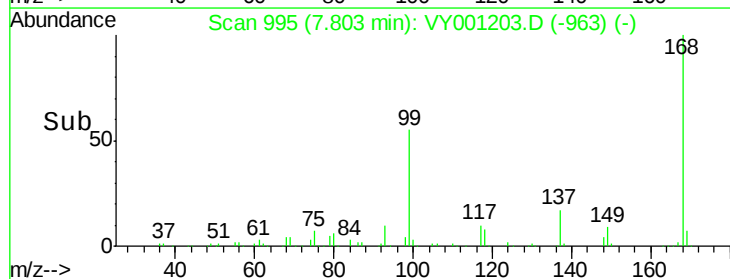
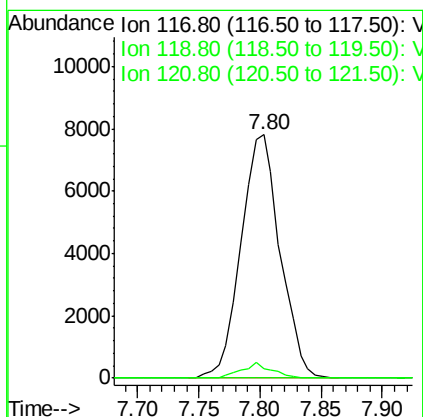
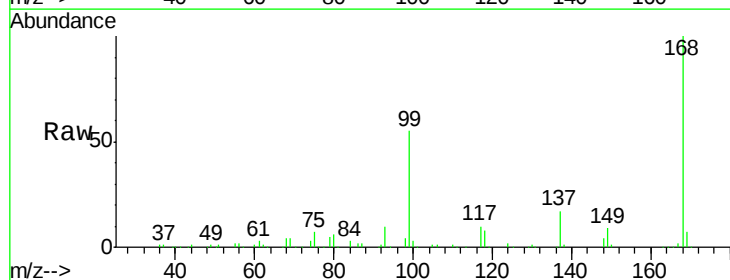
Instrument :
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 INWOOD-BH-02-A

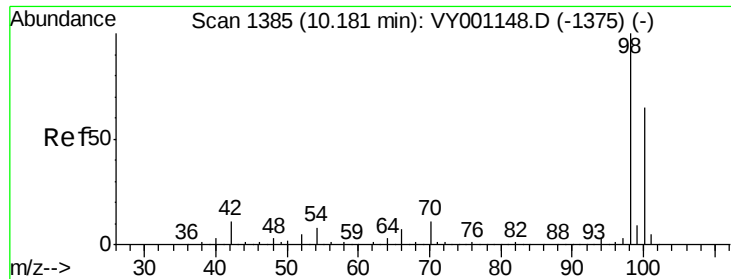
Tgt Ion: 75 Resp: 13360
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.3 54.8#
 77 0.2 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.407 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.10 min
 Lab File: VY001203.D
 Acq: 14 Jan 2020 14:48

Tgt Ion: 117 Resp: 17339
 Ion Ratio Lower Upper
 117 100
 119 3.9 78.3 117.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 52.082 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001203.D

Acq: 14 Jan 2020 14:48

Instrument :

MSVOA_Y

ClientSampleId :

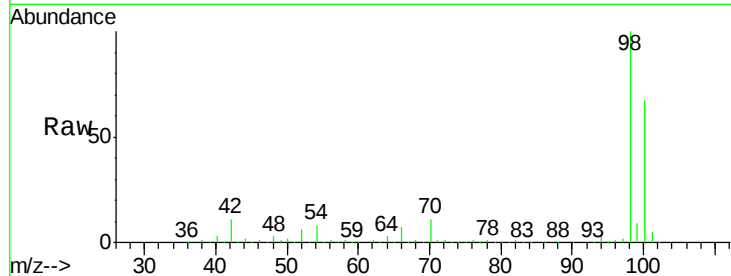
INWOOD-BH-02-A

Tgt Ion: 98 Resp: 380699

Ion Ratio Lower Upper

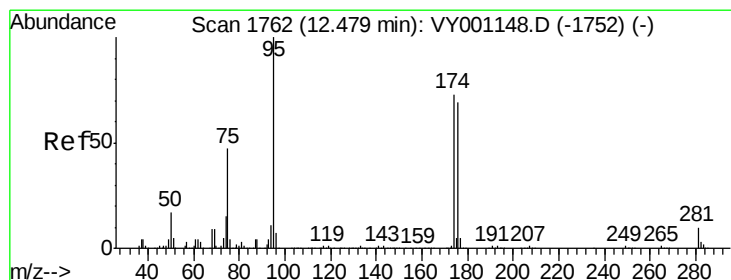
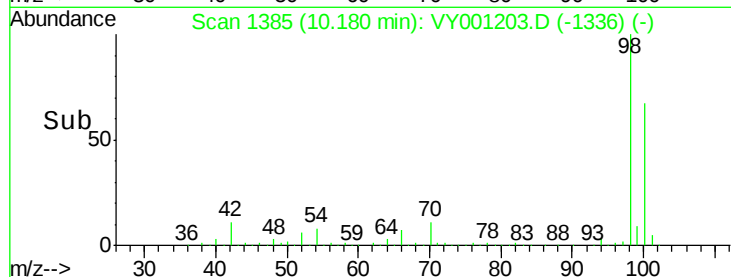
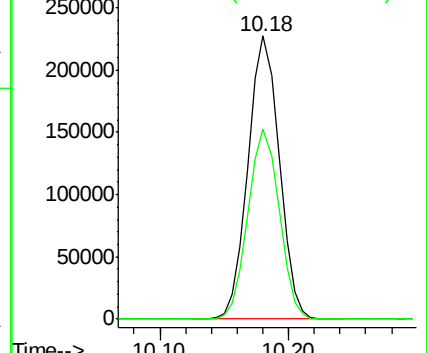
98 100

100 67.2 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: 47.053 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001203.D

Acq: 14 Jan 2020 14:48

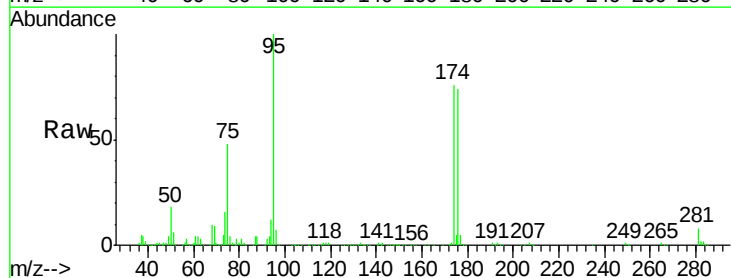
Tgt Ion: 95 Resp: 140612

Ion Ratio Lower Upper

95 100

174 76.3 0.0 143.2

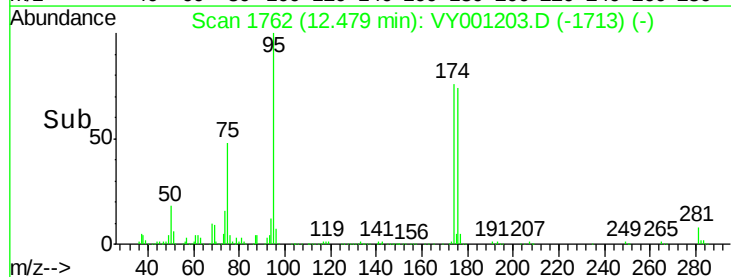
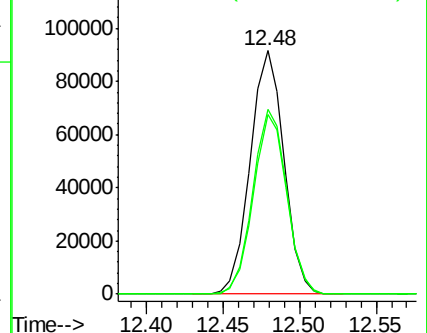
176 73.5 0.0 136.0

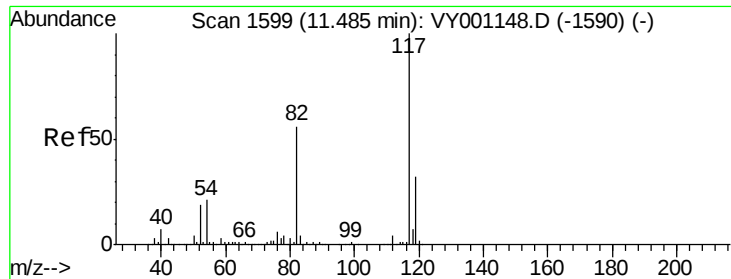


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

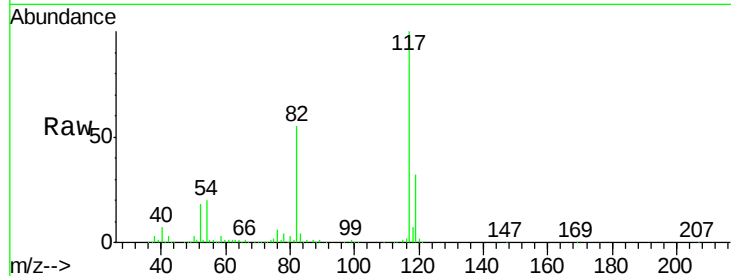




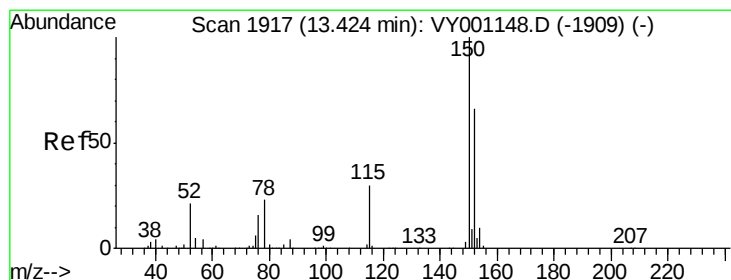
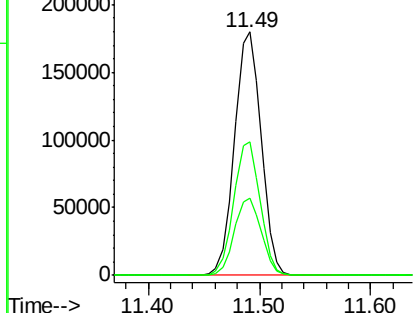
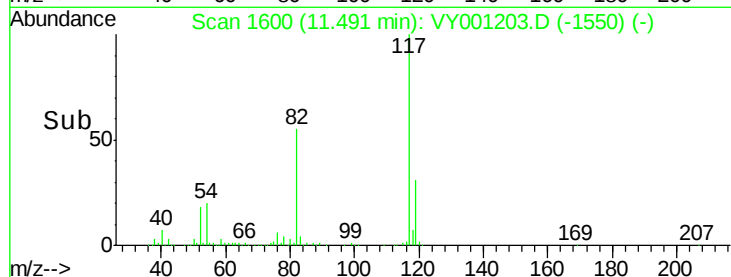
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001203.D
Acq: 14 Jan 2020 14:48

Instrument :
MSVOA_Y
ClientSampleId :
INWOOD-BH-02-A

Tgt Ion:117 Resp: 297276
Ion Ratio Lower Upper
117 100
82 54.8 44.9 67.3
119 31.5 25.7 38.5

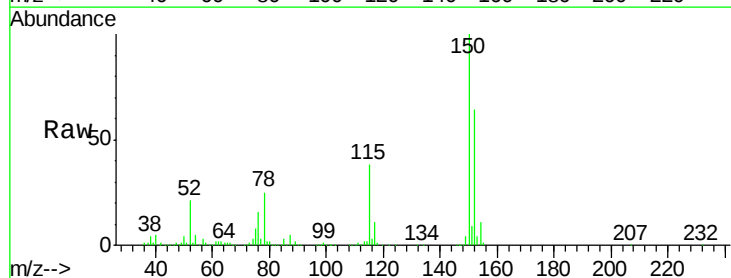


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

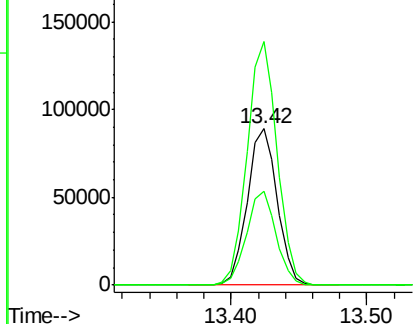
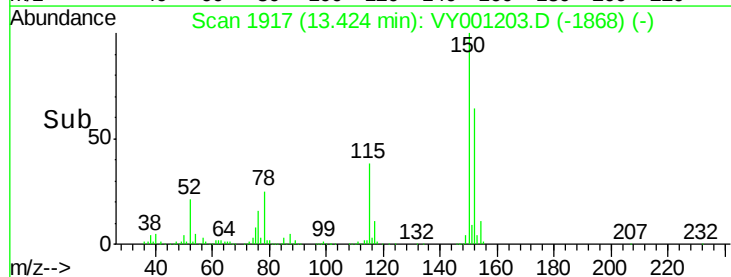


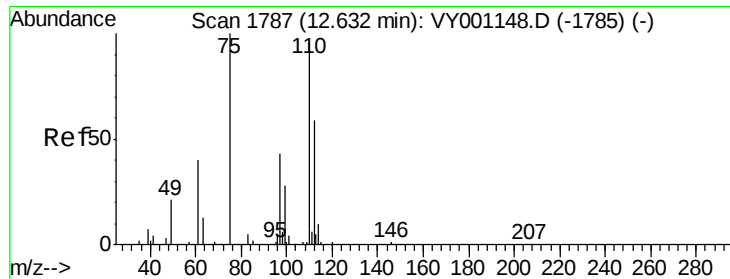
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001203.D
Acq: 14 Jan 2020 14:48

Tgt Ion:152 Resp: 137385
Ion Ratio Lower Upper
152 100
115 59.2 30.9 92.5
150 155.3 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: 45.759 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001203.D

Acq: 14 Jan 2020 14:48

Instrument :

MSVOA_Y

ClientSampleId :

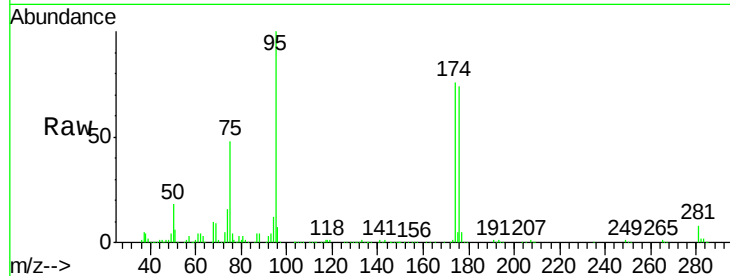
INWOOD-BH-02-A

Tgt Ion: 75 Resp: 67298

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

12.48

50000

40000

30000

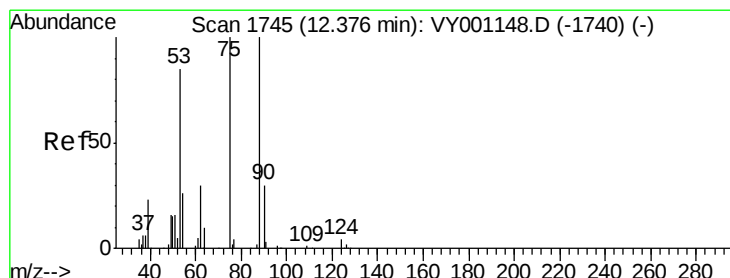
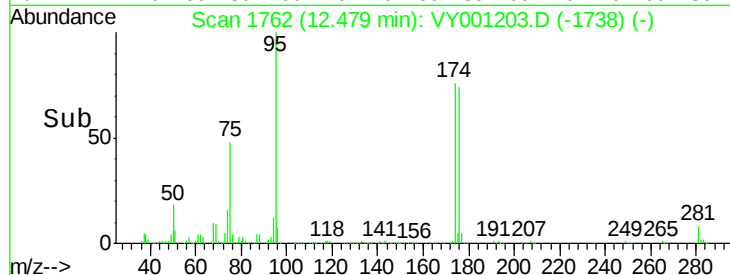
20000

10000

0

Time-->

12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 77.597 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001203.D

Acq: 14 Jan 2020 14:48

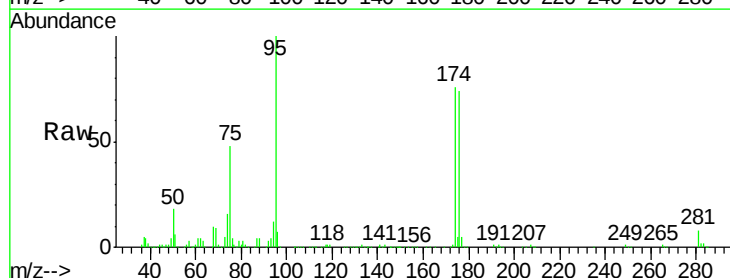
Tgt Ion: 75 Resp: 67298

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.2 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

12.48

60000

50000

40000

30000

20000

10000

0

Time-->

12.40 12.50

