

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011420\
 Data File : VY001200.D
 Acq On : 14 Jan 2020 13:42
 Operator : SY/MD
 Sample : L1108-06
 Misc : 2.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INWOOD-BH-03-B

Quant Time: Jan 15 01:22:44 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	171319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	314320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	279198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	109797	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	98636	54.51	ug/l	0.00
Spiked Amount			Recovery	=	109.02%	
35) Dibromofluoromethane	7.73	113	94459	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
50) Toluene-d8	10.18	98	366787	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.48	95	123124	42.47	ug/l	0.00
Spiked Amount			Recovery	=	84.94%	

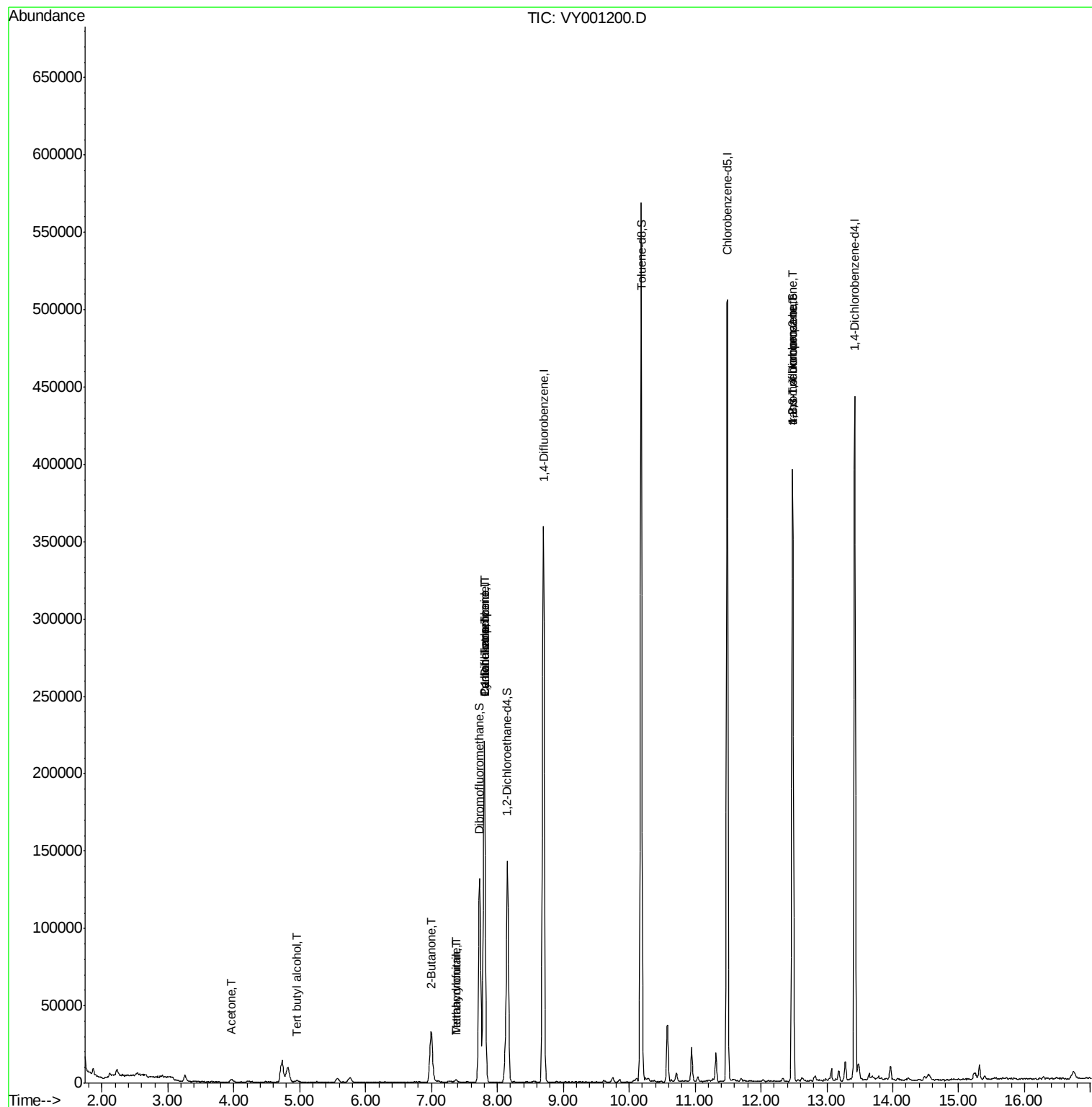
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.94	59	643	3.532	ug/l #	83
16) Acetone	3.96	43	3315	7.889	ug/l	99
20) Methylene Chloride	4.73	84	10728	Below Cal		94
25) 2-Butanone	7.00	43	2735	4.182	ug/l #	72
29) Tetrahydrofuran	7.37	42	1251	2.791	ug/l #	83
31) Cyclohexane	7.81	56	3694	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	13339	4.656	ug/l #	48
38) Carbon Tetrachloride	7.80	117	16456	6.268	ug/l #	15
41) Methacrylonitrile	7.36	41	1049	1.328	ug/l #	24
76) 1,2,3-Trichloropropane	12.48	75	60202	51.219	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	60202	86.856	ug/l #	6

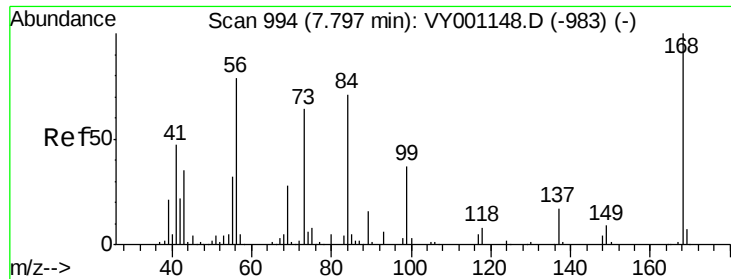
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY011420\
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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: VY001200.D

Acq: 14 Jan 2020 13:42

Instrument :

MSVOA_Y

ClientSampleId :

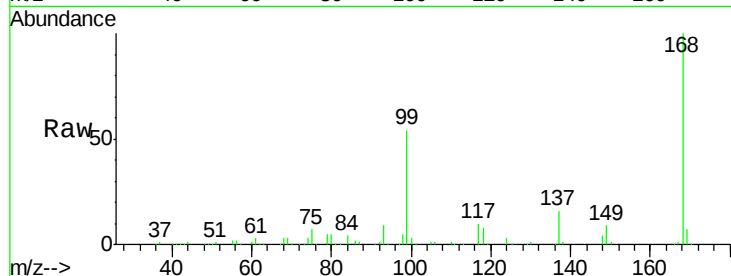
INWOOD-BH-03-B

Tgt Ion: 168 Resp: 171319

Ion Ratio Lower Upper

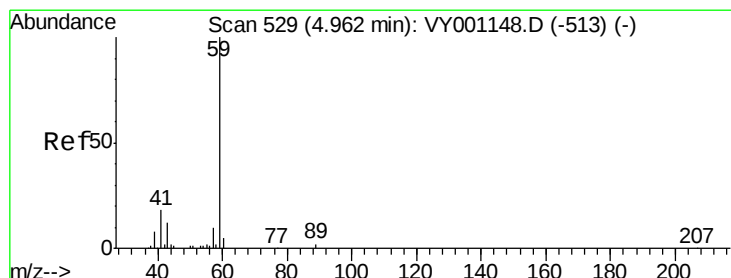
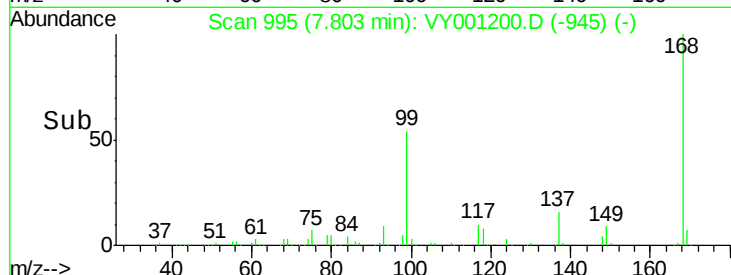
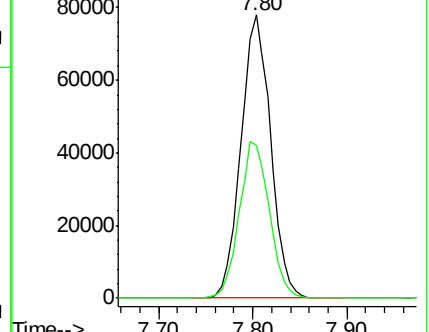
168 100

99 54.2 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) (-)



#11

Tert butyl alcohol

Concen: 3.532 ug/l

RT: 4.94 min Scan# 526

Delta R.T. -0.02 min

Lab File: VY001200.D

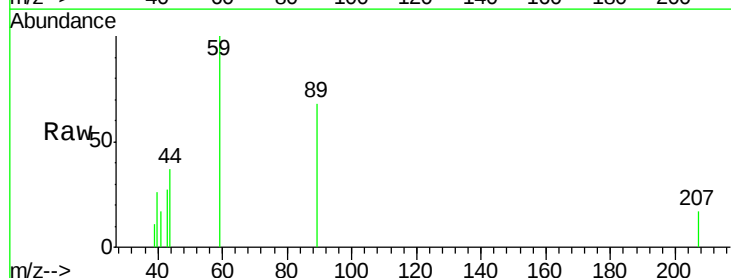
Acq: 14 Jan 2020 13:42

Tgt Ion: 59 Resp: 643

Ion Ratio Lower Upper

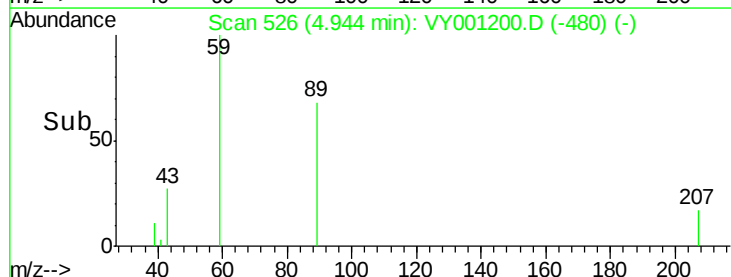
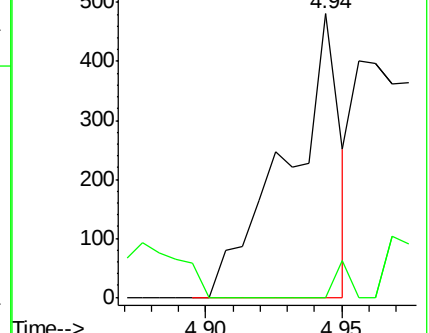
59 100

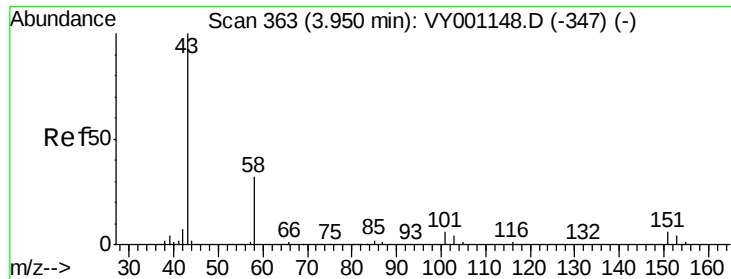
57 3.6 7.8 11.8#



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

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





#16

Acetone

Concen: 7.889 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001200.D

Acq: 14 Jan 2020 13:42

Instrument :

MSVOA_Y

ClientSampleId :

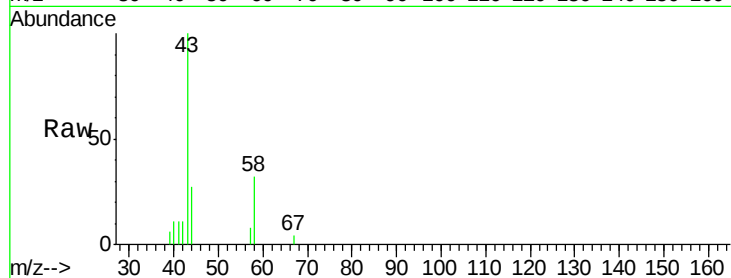
INWOOD-BH-03-B

Tgt Ion: 43 Resp: 3315

Ion Ratio Lower Upper

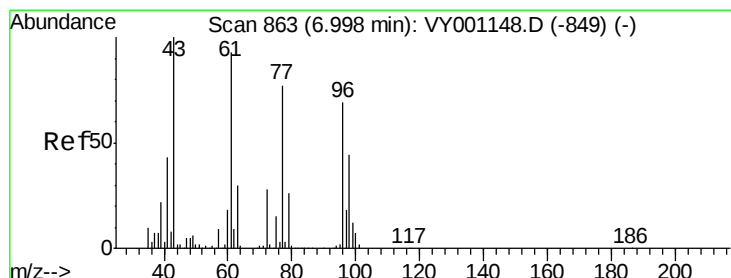
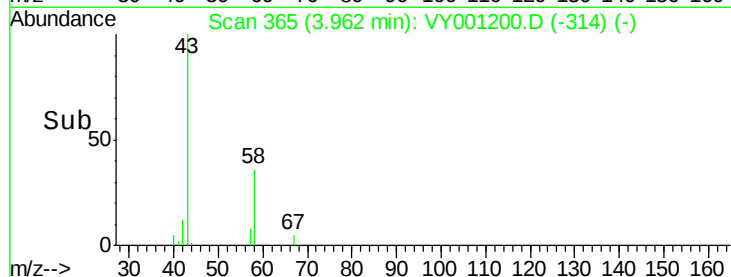
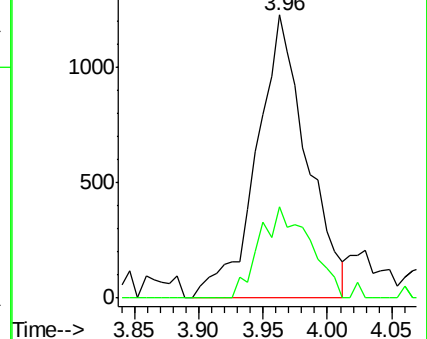
43 100

58 32.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)



#25

2-Butanone

Concen: 4.182 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001200.D

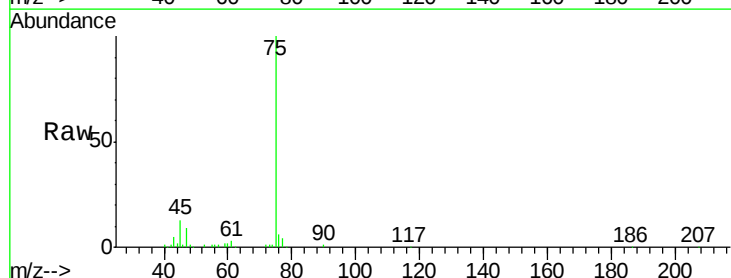
Acq: 14 Jan 2020 13:42

Tgt Ion: 43 Resp: 2735

Ion Ratio Lower Upper

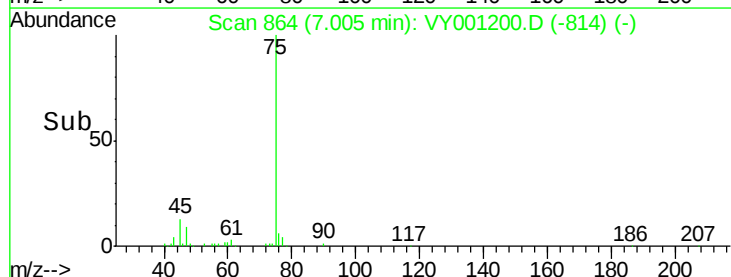
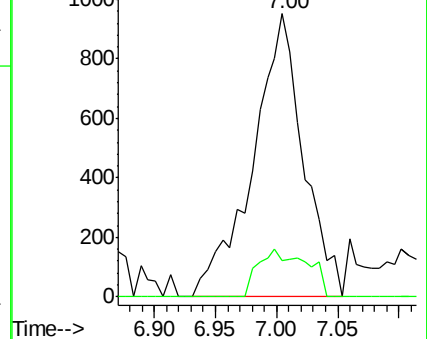
43 100

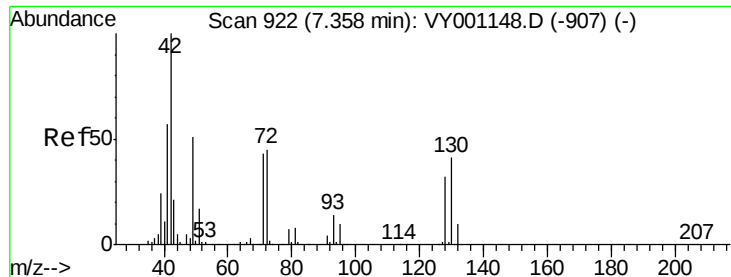
72 12.9 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-849) (-)

Ion 72.00 (71.70 to 72.70): VY001148.D (-849) (-)





#29

Tetrahydrofuran

Concen: 2.791 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY001200.D

Acq: 14 Jan 2020 13:42

Instrument :

MSVOA_Y

ClientSampleId :

INWOOD-BH-03-B

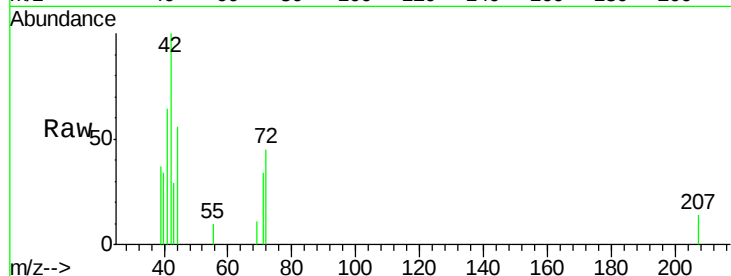
Tgt Ion: 42 Resp: 1251

Ion Ratio Lower Upper

42 100

72 31.0 36.9 55.3#

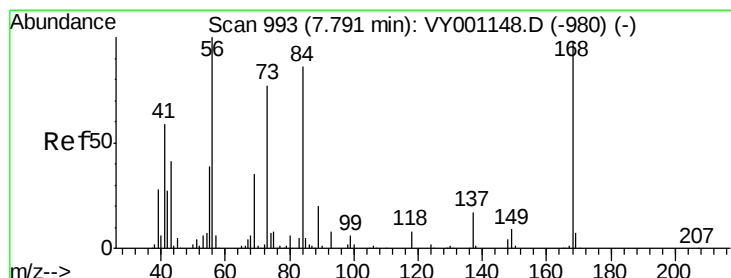
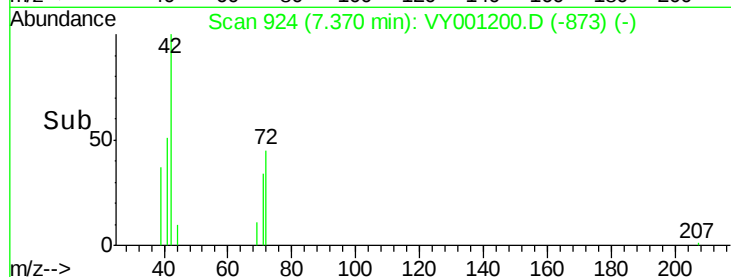
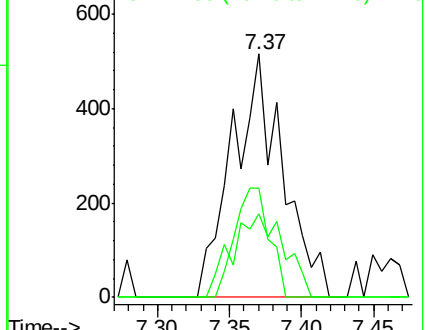
71 36.1 34.0 51.0



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



#31

Cyclohexane

Concen: 1.056 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.02 min

Lab File: VY001200.D

Acq: 14 Jan 2020 13:42

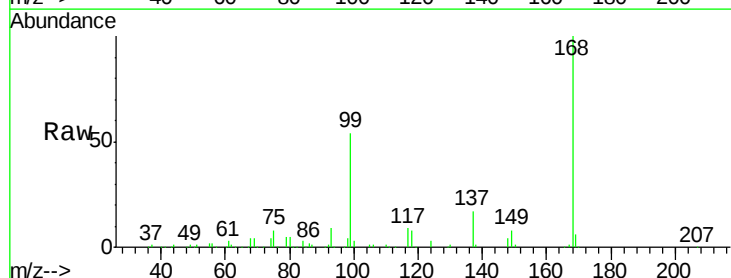
Tgt Ion: 56 Resp: 3694

Ion Ratio Lower Upper

56 100

69 156.2 27.8 41.8#

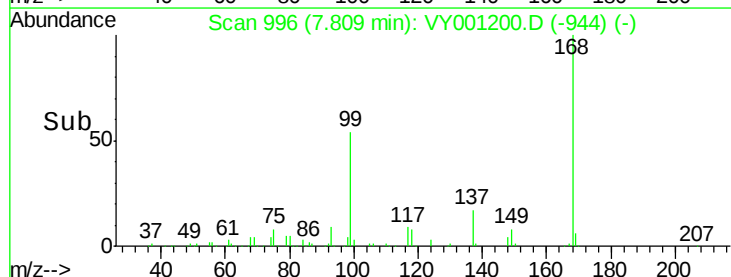
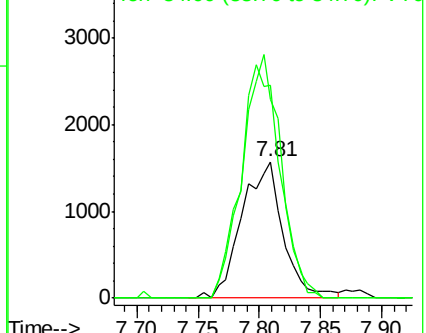
84 145.6 68.9 103.3#

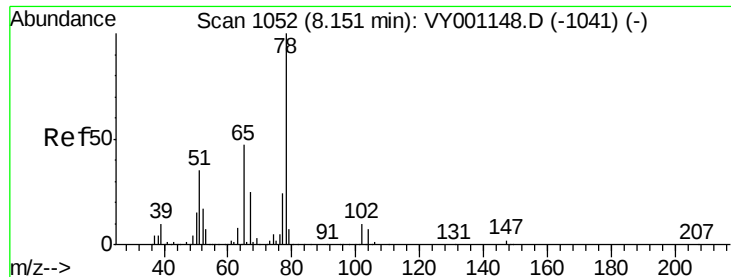


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

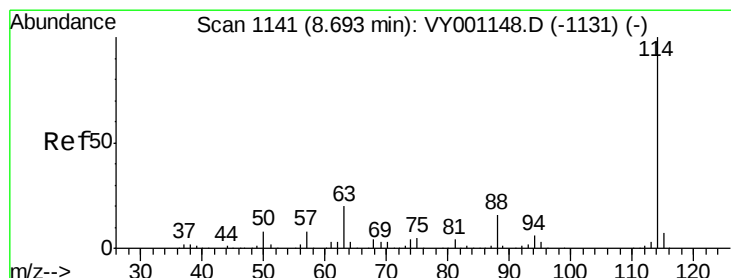
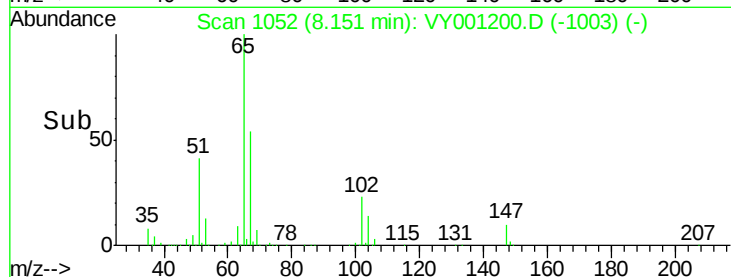
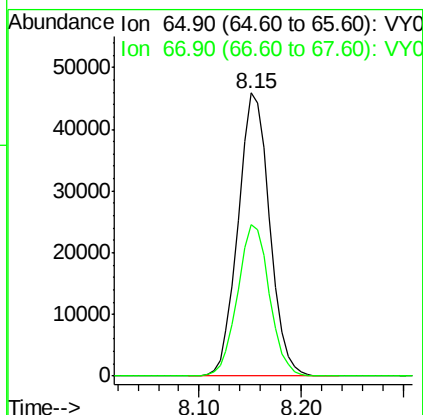
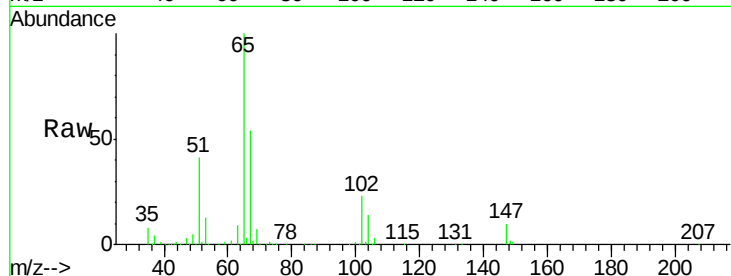




#33
 1,2-Dichloroethane-d4
 Concen: 54.512 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001200.D
 Acq: 14 Jan 2020 13:42

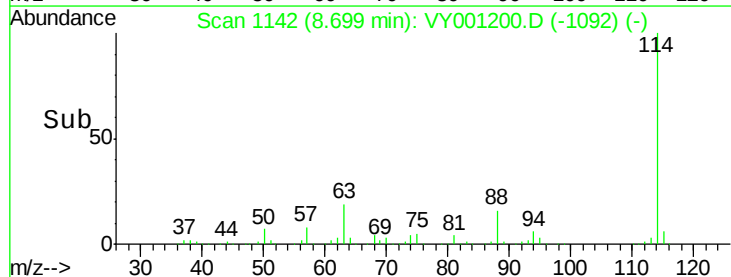
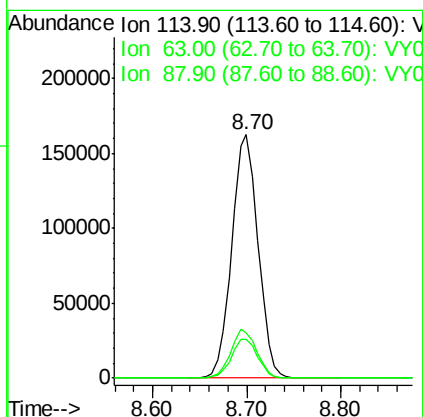
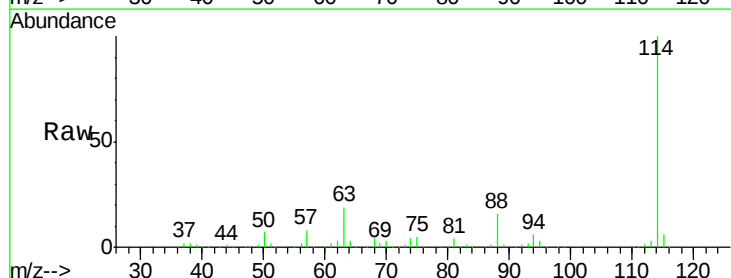
Instrument :
 MSVOA_Y
 ClientSampleId :
 INWOOD-BH-03-B

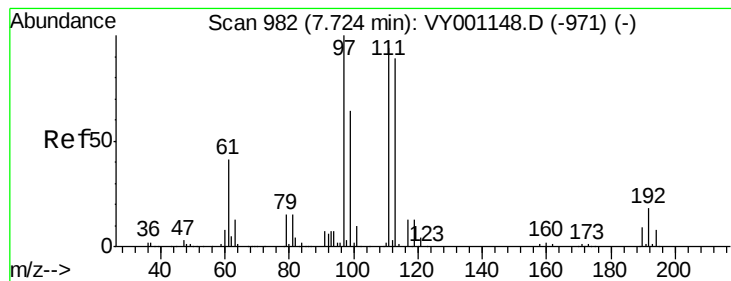
Tgt Ion: 65 Resp: 98636
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001200.D
 Acq: 14 Jan 2020 13:42

Tgt Ion: 114 Resp: 314320
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.8
 88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.327 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001200.D

Acq: 14 Jan 2020 13:42

Instrument :

MSVOA_Y

ClientSampleId :

INWOOD-BH-03-B

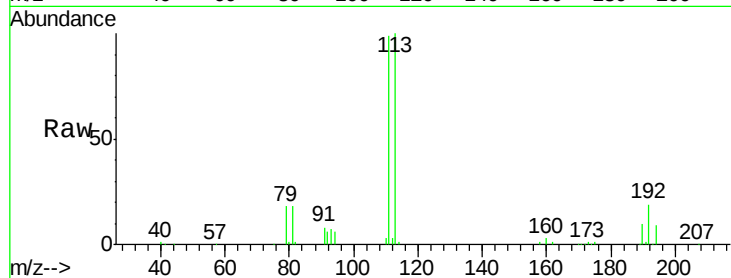
Tgt Ion:113 Resp: 94459

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

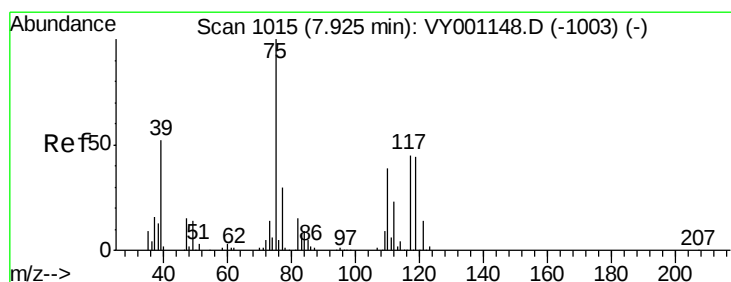
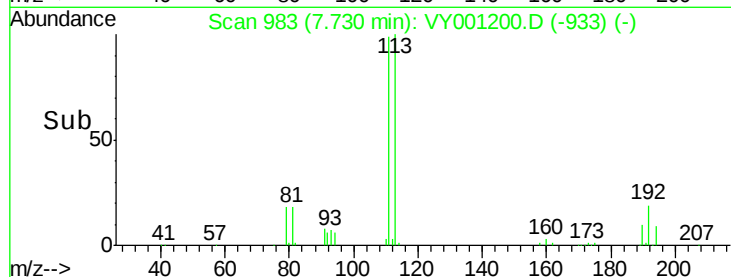
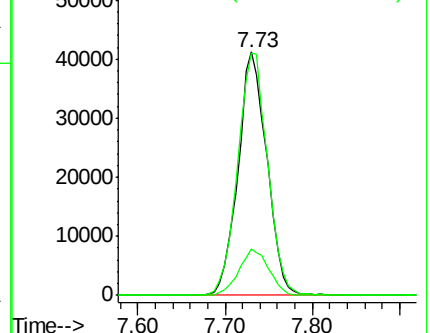
192 19.8 15.4 23.2



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: 4.656 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001200.D

Acq: 14 Jan 2020 13:42

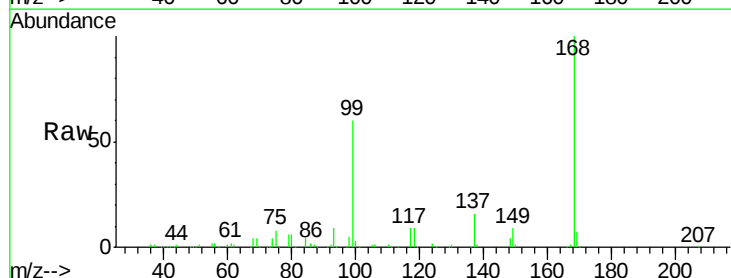
Tgt Ion: 75 Resp: 13339

Ion Ratio Lower Upper

75 100

110 8.0 18.3 54.8#

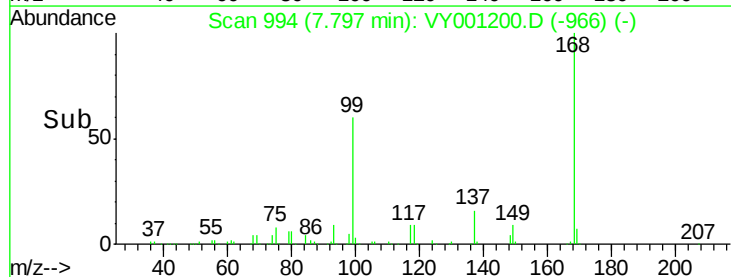
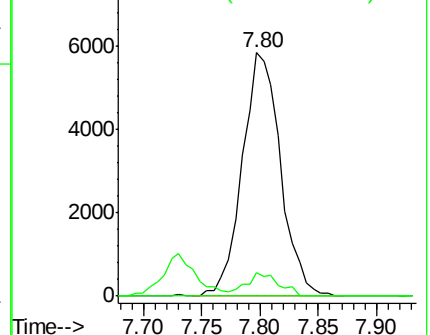
77 0.0 25.1 37.7#

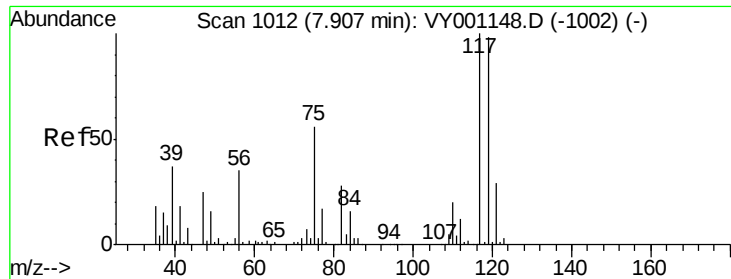


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.268 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY001200.D

Acq: 14 Jan 2020 13:42

Instrument :

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ClientSampleId :

INWOOD-BH-03-B

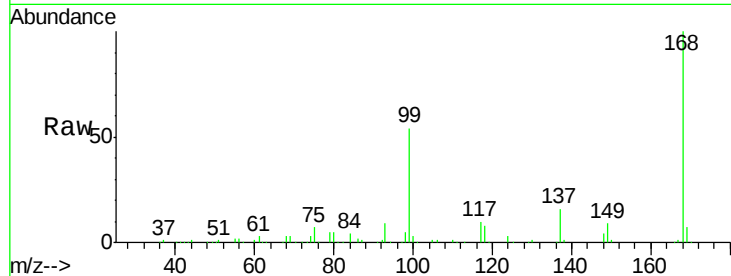
Tgt Ion:117 Resp: 16456

Ion Ratio Lower Upper

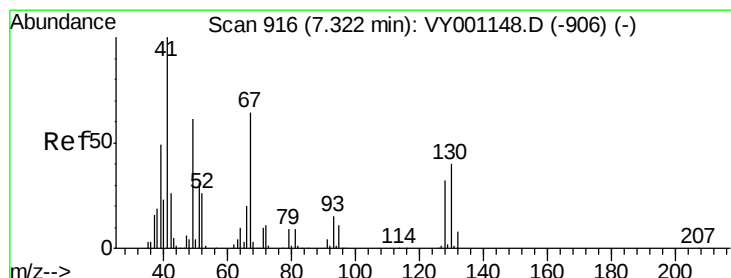
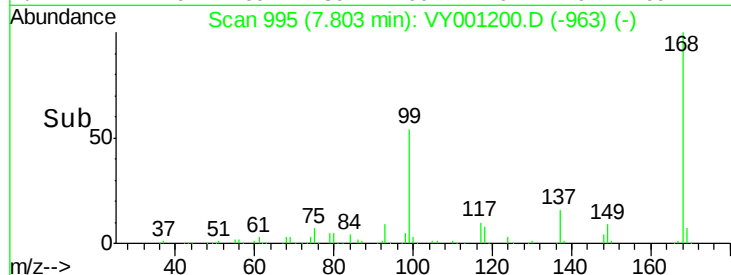
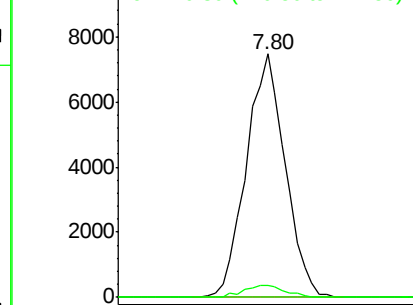
117 100

119 5.1 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



#41

Methacrylonitrile

Concen: 1.328 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.04 min

Lab File: VY001200.D

Acq: 14 Jan 2020 13:42

Tgt Ion: 41 Resp: 1049

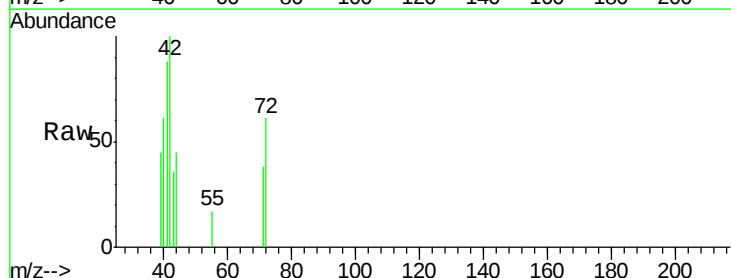
Ion Ratio Lower Upper

41 100

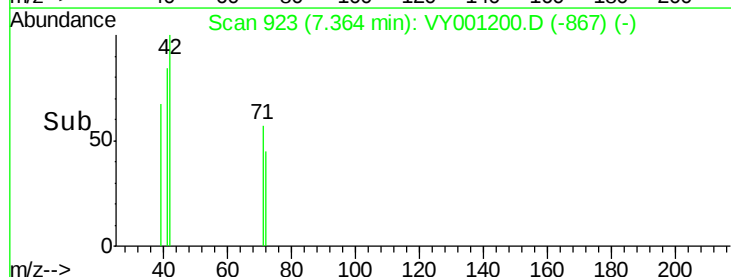
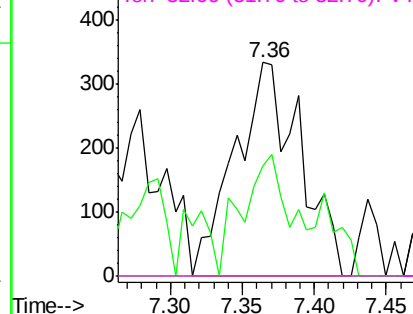
39 41.6 103.5 155.3#

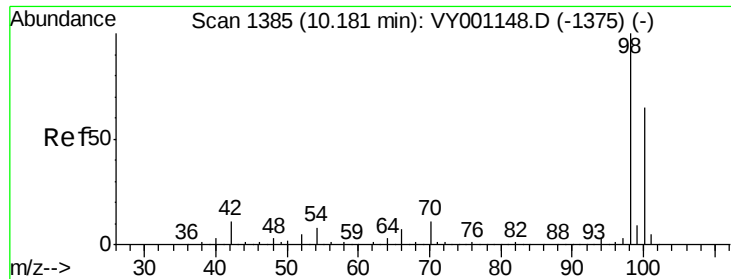
67 0.0 0.0 0.0

52 0.0 0.0 0.0



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0





#50

Toluene-d8

Concen: 51.725 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001200.D

Acq: 14 Jan 2020 13:42

Instrument :

MSVOA_Y

ClientSampleId :

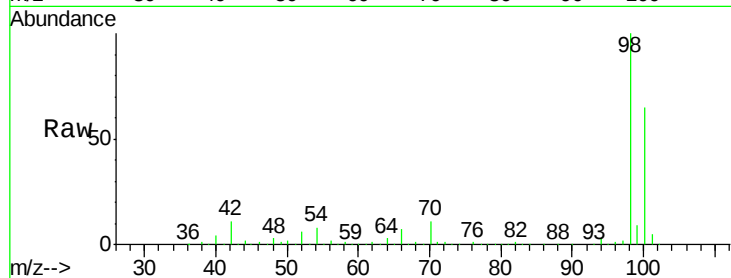
INWOOD-BH-03-B

Tgt Ion: 98 Resp: 366787

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

200000

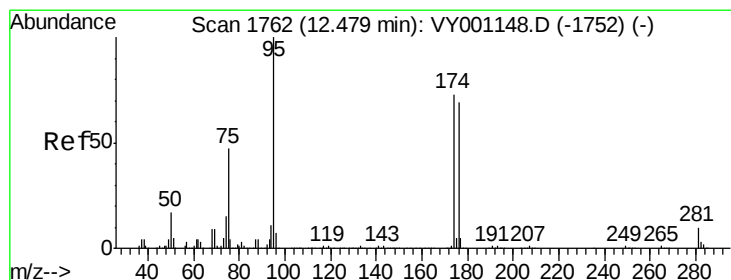
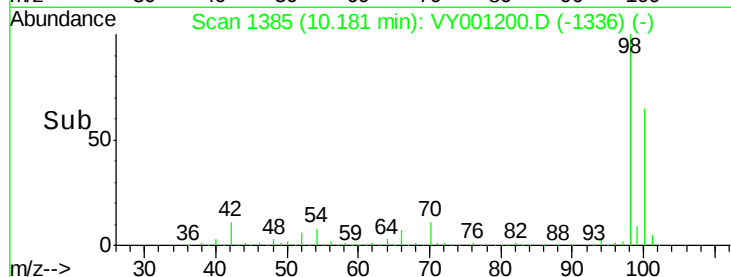
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.470 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001200.D

Acq: 14 Jan 2020 13:42

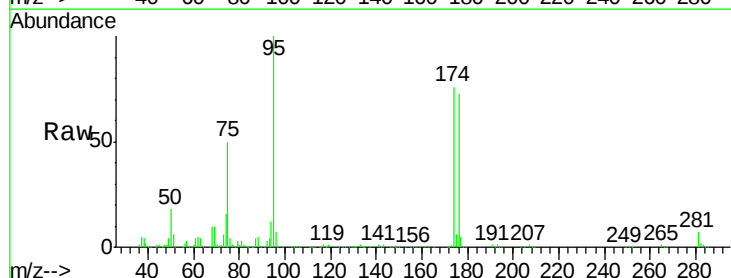
Tgt Ion: 95 Resp: 123124

Ion Ratio Lower Upper

95 100

174 77.8 0.0 143.2

176 74.4 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

12.48

100000

80000

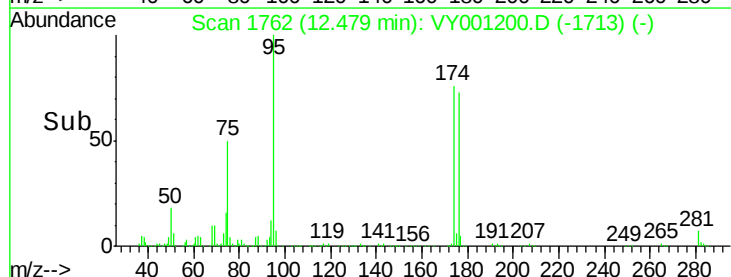
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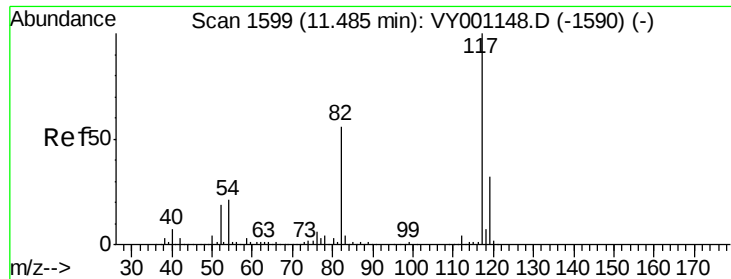
40000

20000

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Time-->

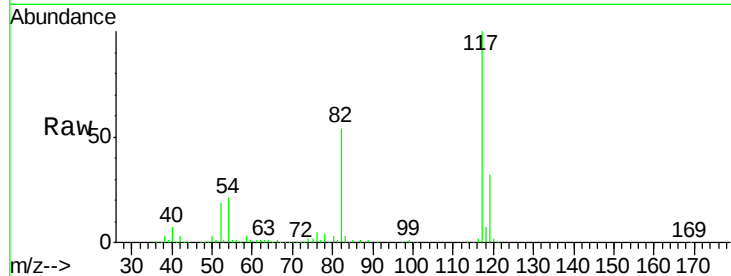




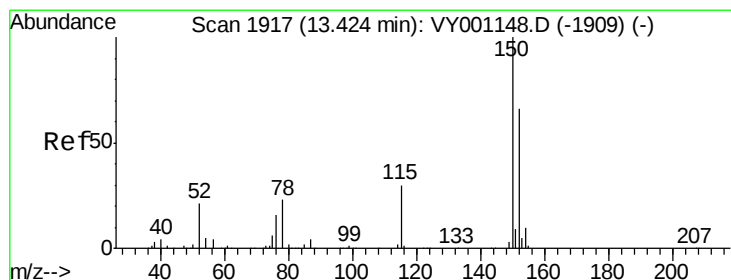
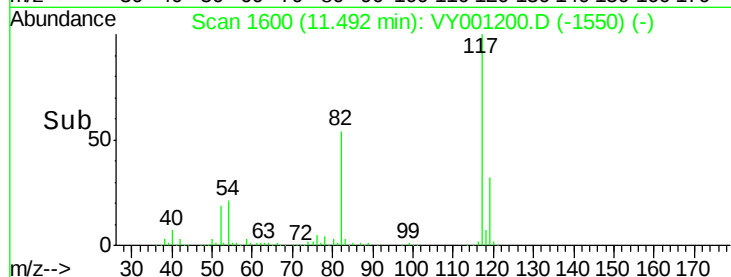
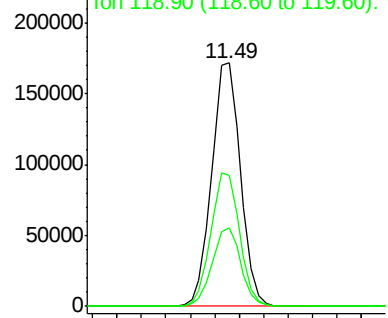
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001200.D
Acq: 14 Jan 2020 13:42

Instrument :
MSVOA_Y
ClientSampleId :
INWOOD-BH-03-B

Tgt Ion:117 Resp: 279198
Ion Ratio Lower Upper
117 100
82 53.6 44.9 67.3
119 32.1 25.7 38.5

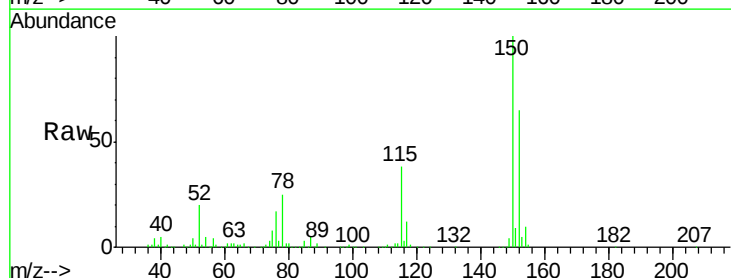


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

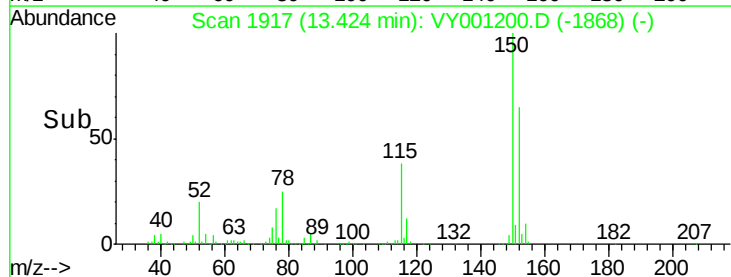
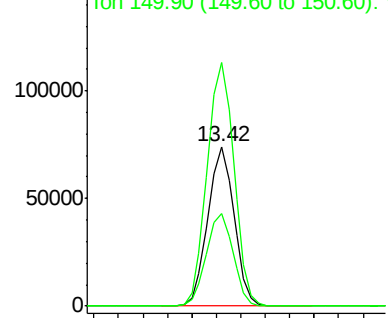


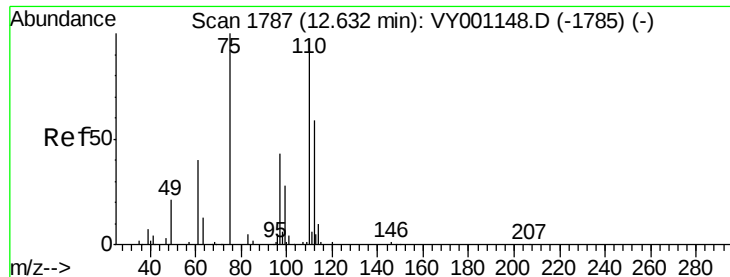
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001200.D
Acq: 14 Jan 2020 13:42

Tgt Ion:152 Resp: 109797
Ion Ratio Lower Upper
152 100
115 59.5 30.9 92.5
150 156.2 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: 51.219 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001200.D

Acq: 14 Jan 2020 13:42

Instrument :

MSVOA_Y

ClientSampleId :

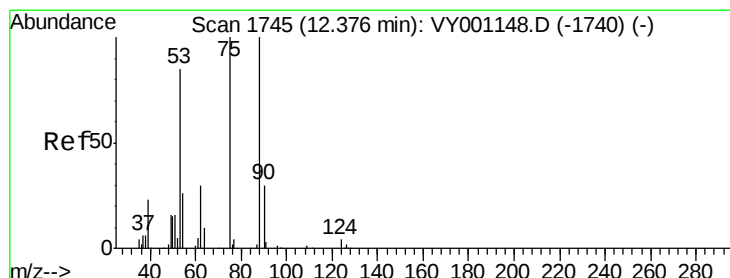
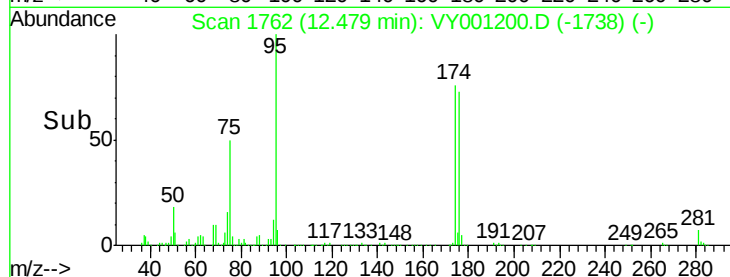
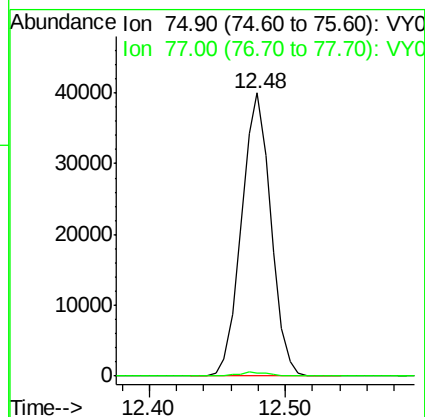
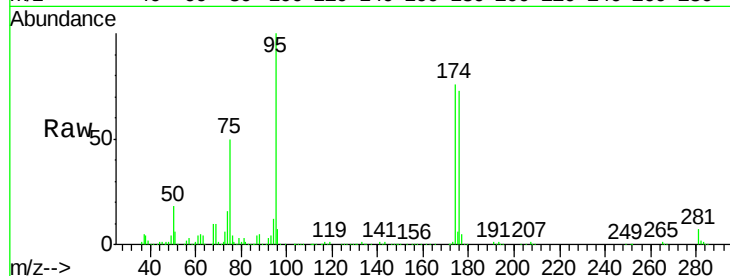
INWOOD-BH-03-B

Tgt Ion: 75 Resp: 60202

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.856 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001200.D

Acq: 14 Jan 2020 13:42

Tgt Ion: 75 Resp: 60202

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.2 0.0 0.0#

