

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011420\
 Data File : VY001202.D
 Acq On : 14 Jan 2020 14:26
 Operator : SY/MD
 Sample : L1108-02
 Misc : 3.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jan 15 01:22:59 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	171903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	314919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	284668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	122560	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	101043	55.65	ug/l	0.00
Spiked Amount			Recovery	=	111.30%	
35) Dibromofluoromethane	7.73	113	94272	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
50) Toluene-d8	10.18	98	372768	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.48	95	132234	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	

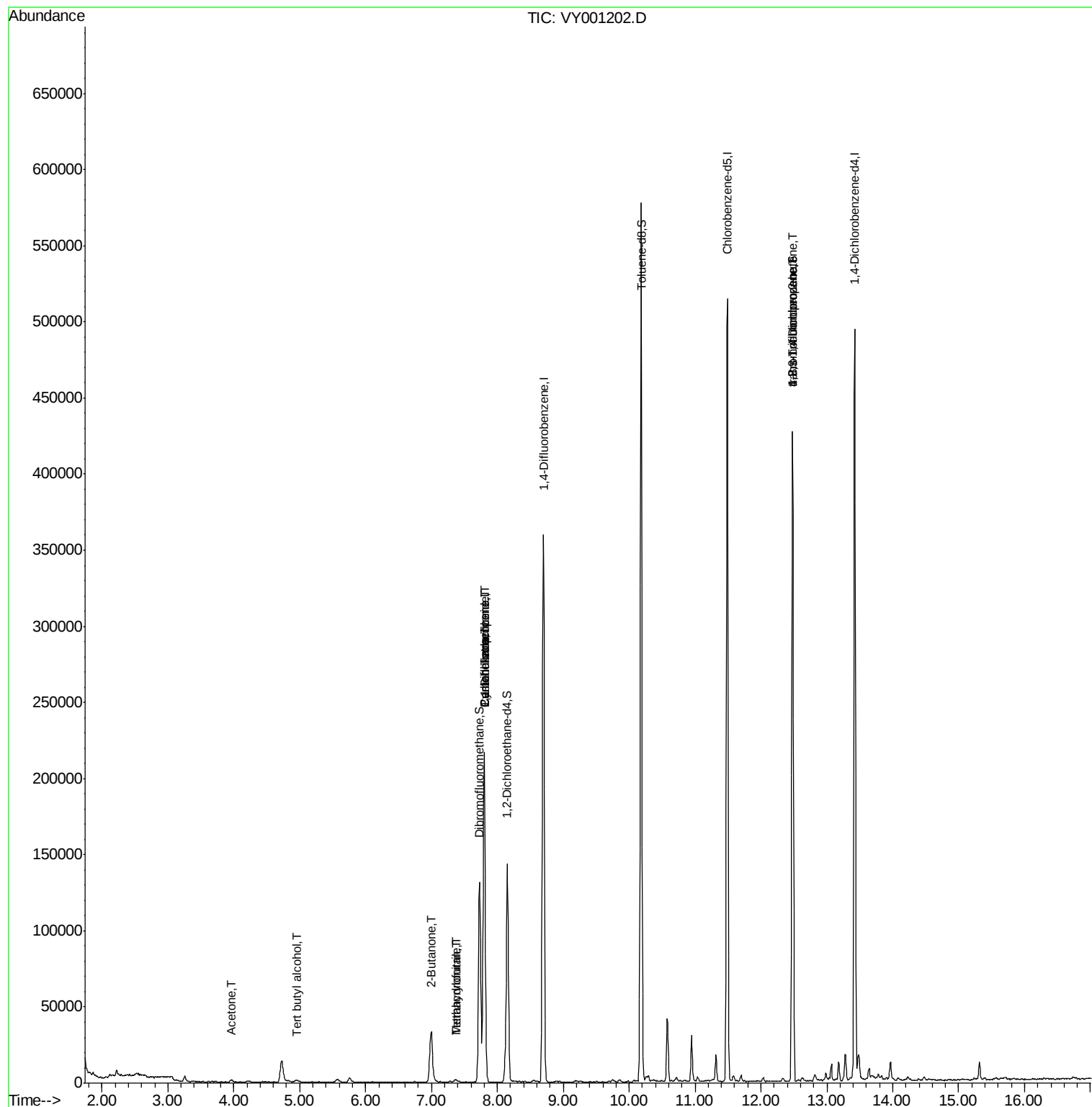
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	2620	14.343	ug/l #	87
16) Acetone	3.96	43	3199	7.587	ug/l	94
20) Methylene Chloride	4.74	84	10779	Below Cal		99
25) 2-Butanone	7.00	43	2147	3.272	ug/l #	84
29) Tetrahydrofuran	7.37	42	1258	2.797	ug/l	91
31) Cyclohexane	7.80	56	3792	1.080	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	13216	4.604	ug/l #	48
38) Carbon Tetrachloride	7.80	117	16585	6.305	ug/l #	14
41) Methacrylonitrile	7.38	41	983	1.242	ug/l #	37
76) 1,2,3-Trichloropropane	12.48	75	63519	48.413	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	63519	82.098	ug/l #	6

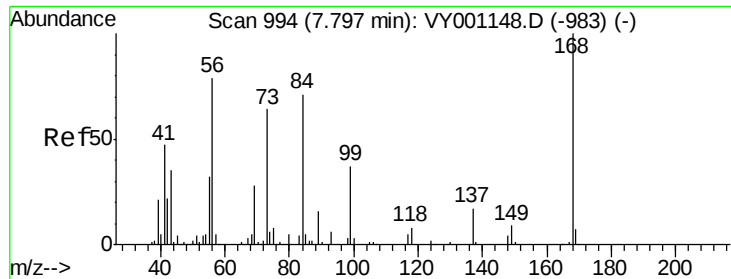
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY011420\
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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: VY001202.D

Acq: 14 Jan 2020 14:26

Instrument :

MSVOA_Y

ClientSampleId :

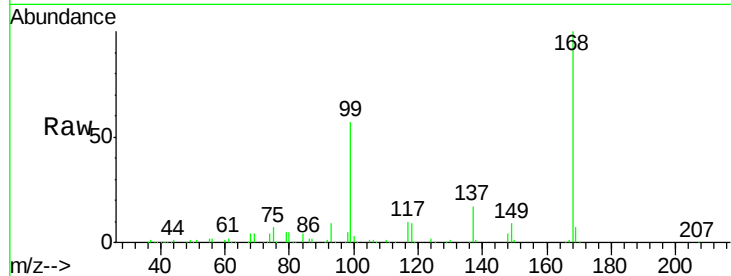
INWOOD-BH-01-B

Tgt Ion:168 Resp: 171903

Ion Ratio Lower Upper

168 100

99 57.4 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

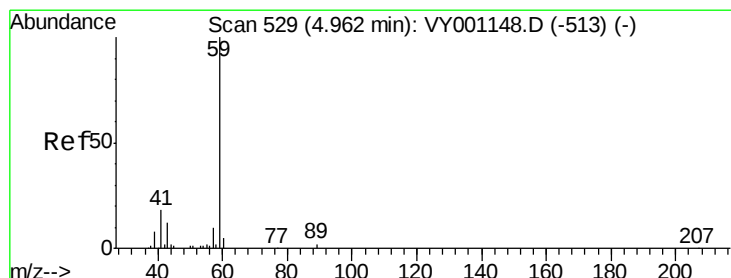
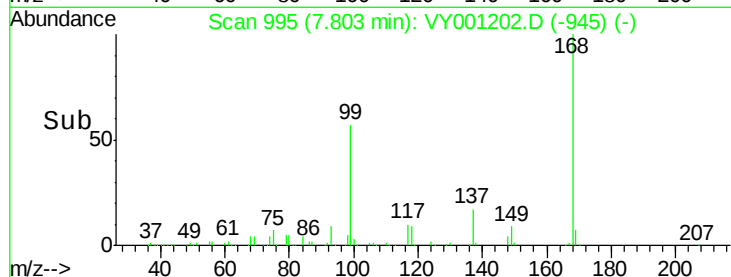
0

Time-->

7.70

7.80

7.90



#11

Tert butyl alcohol

Concen: 14.343 ug/l

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY001202.D

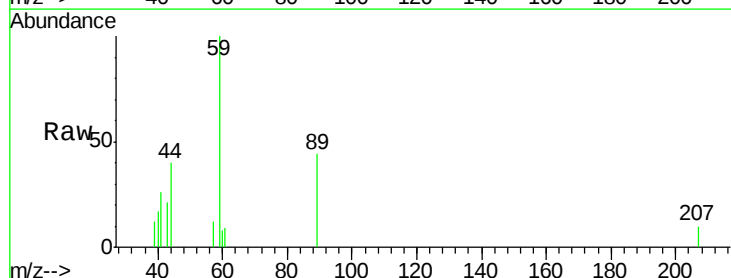
Acq: 14 Jan 2020 14:26

Tgt Ion: 59 Resp: 2620

Ion Ratio Lower Upper

59 100

57 4.9 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

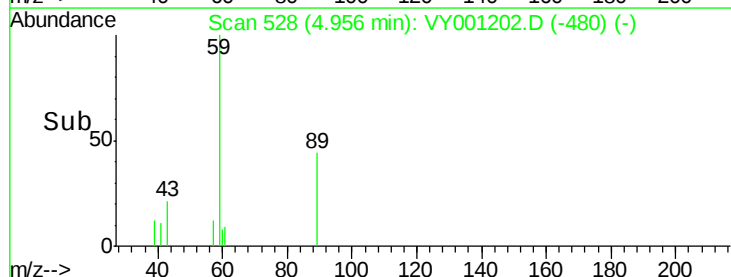
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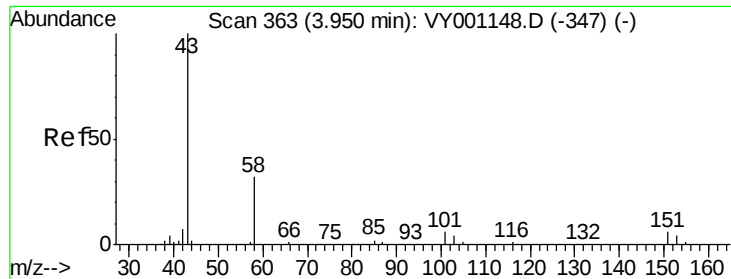
Time-->

4.80

4.90

5.00





#16

Acetone

Concen: 7.587 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001202.D

Acq: 14 Jan 2020 14:26

Instrument :

MSVOA_Y

ClientSampleId :

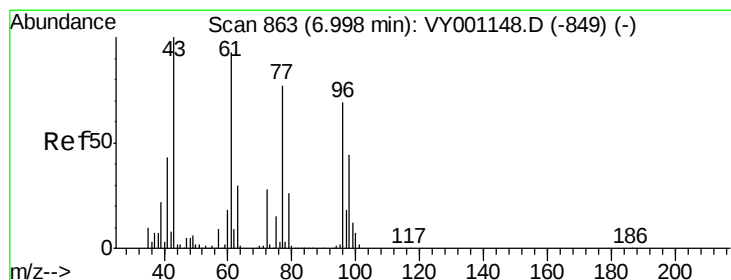
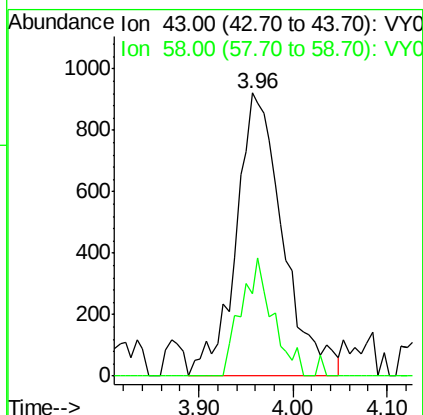
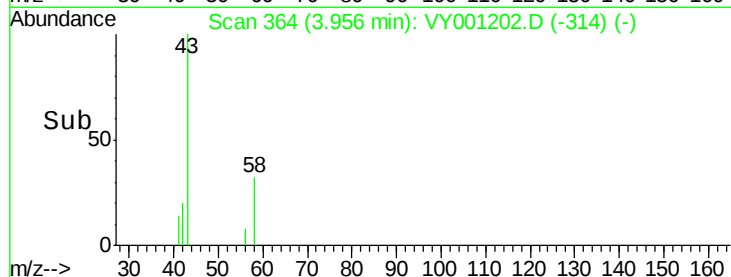
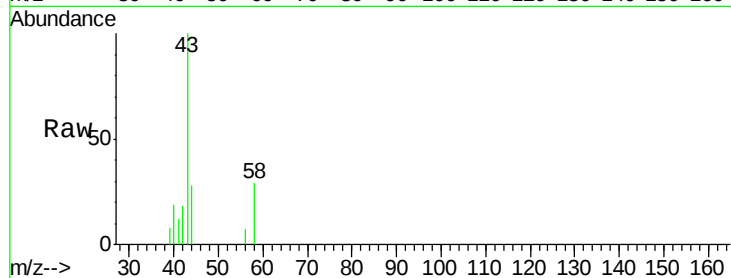
INWOOD-BH-01-B

Tgt Ion: 43 Resp: 3199

Ion Ratio Lower Upper

43 100

58 29.1 25.8 38.6



#25

2-Butanone

Concen: 3.272 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001202.D

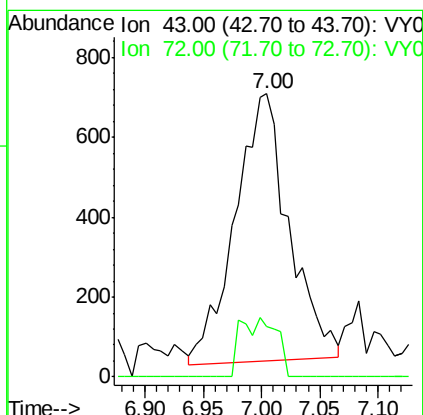
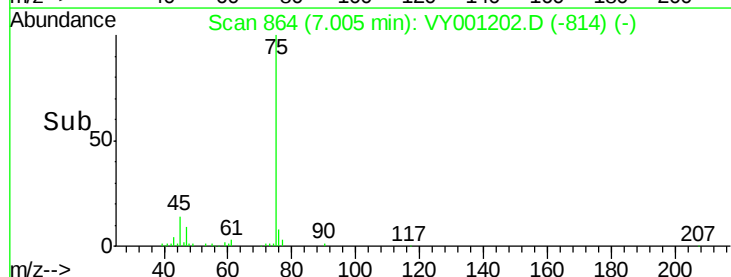
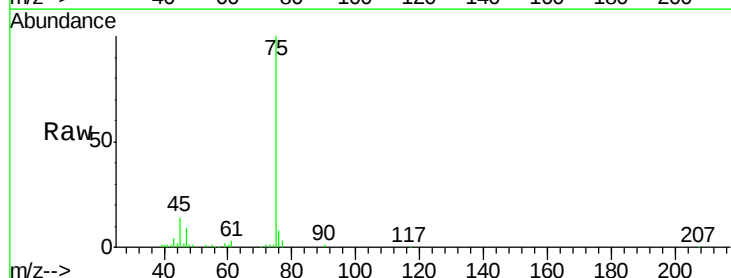
Acq: 14 Jan 2020 14:26

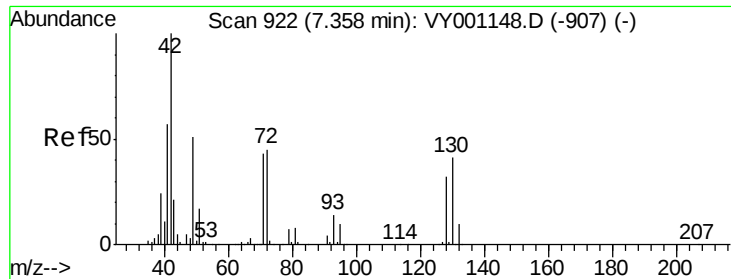
Tgt Ion: 43 Resp: 2147

Ion Ratio Lower Upper

43 100

72 19.2 22.2 33.2#

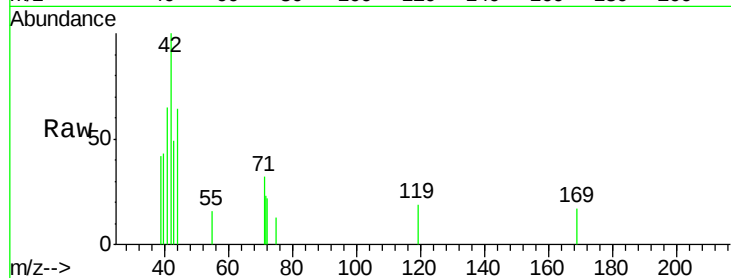




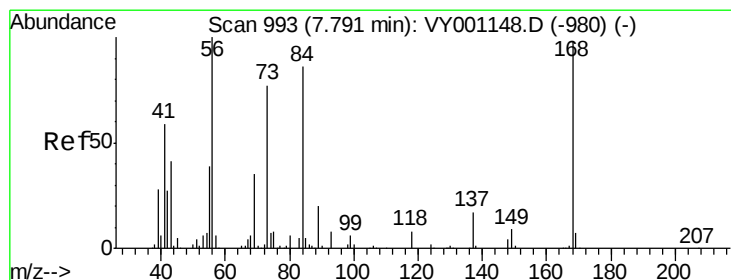
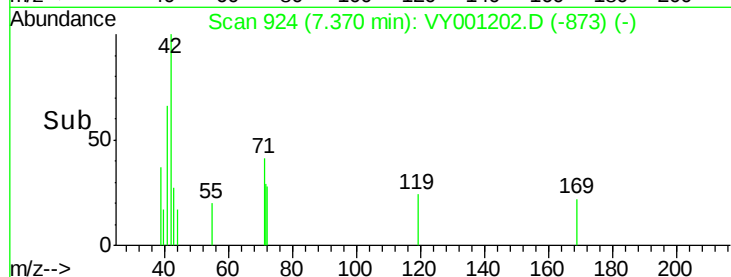
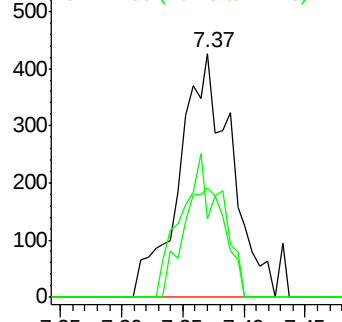
#29
Tetrahydrofuran
Concen: 2.797 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001202.D
Acq: 14 Jan 2020 14:26

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

Tgt Ion: 42 Resp: 1258
Ion Ratio Lower Upper
42 100
72 37.8 36.9 55.3
71 45.9 34.0 51.0

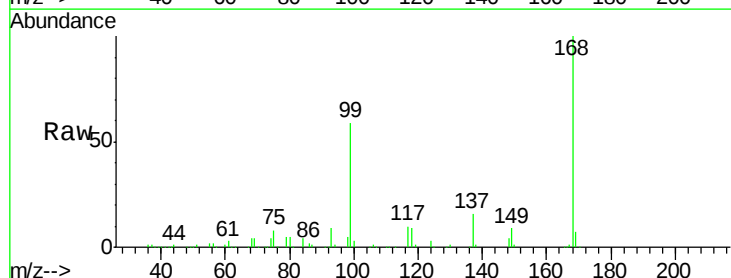


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

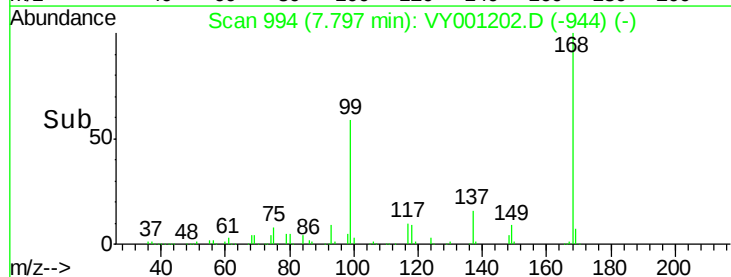
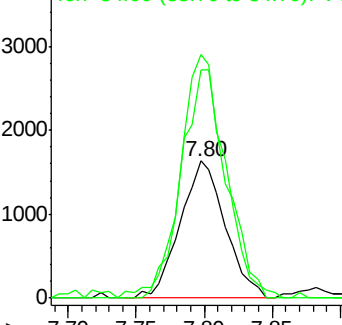


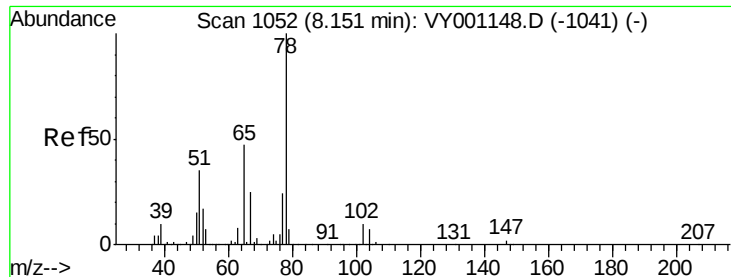
#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001202.D
Acq: 14 Jan 2020 14:26

Tgt Ion: 56 Resp: 3792
Ion Ratio Lower Upper
56 100
69 173.4 27.8 41.8#
84 166.2 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

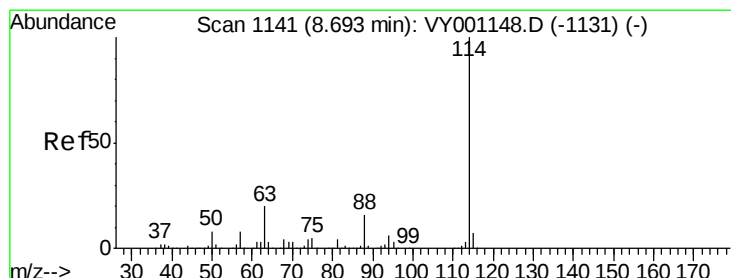
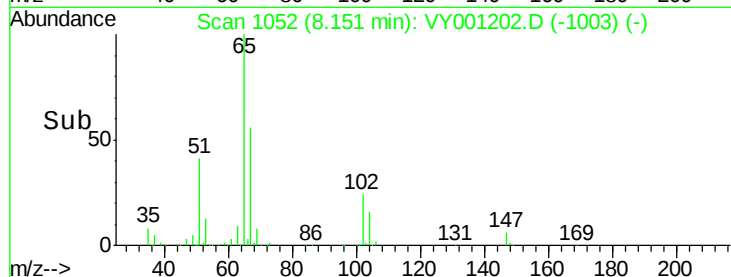
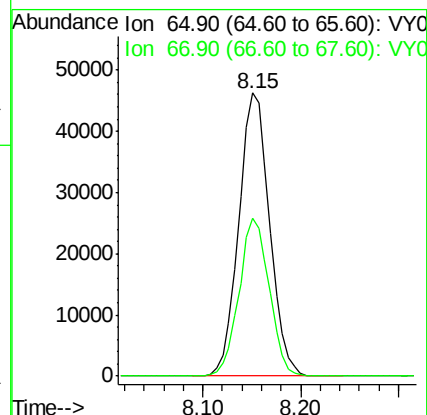
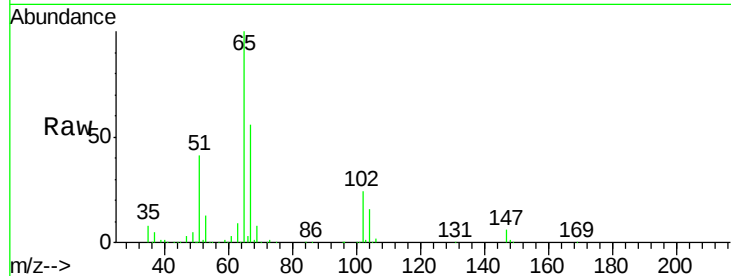




#33
 1,2-Dichloroethane-d4
 Concen: 55.653 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001202.D
 Acq: 14 Jan 2020 14:26

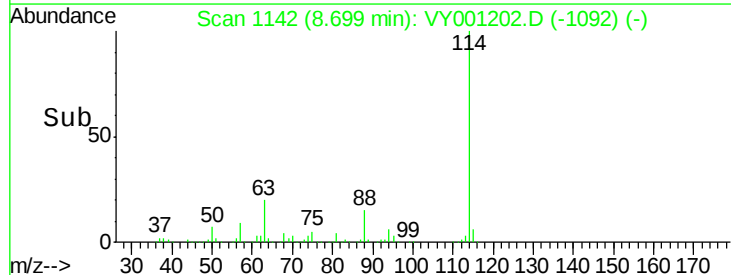
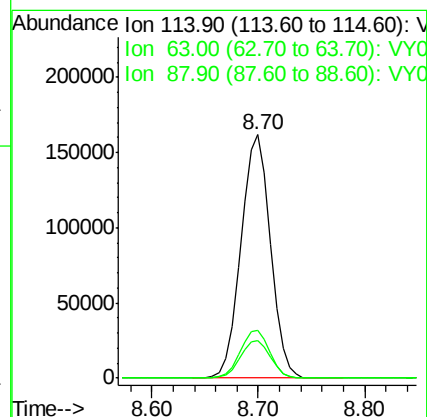
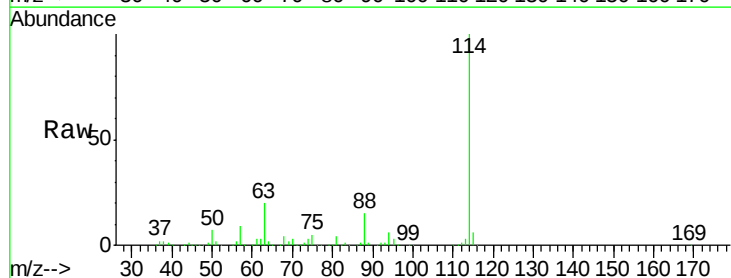
Instrument :
 MSVOA_Y
 ClientSampleId :
 INWOOD-BH-01-B

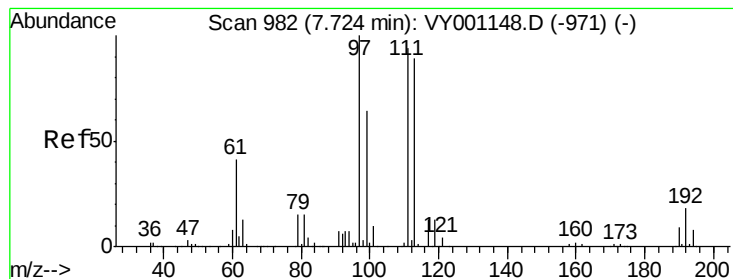
Tgt Ion: 65 Resp: 101043
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001202.D
 Acq: 14 Jan 2020 14:26

Tgt Ion: 114 Resp: 314919
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.128 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001202.D

Acq: 14 Jan 2020 14:26

Instrument :

MSVOA_Y

ClientSampleId :

INWOOD-BH-01-B

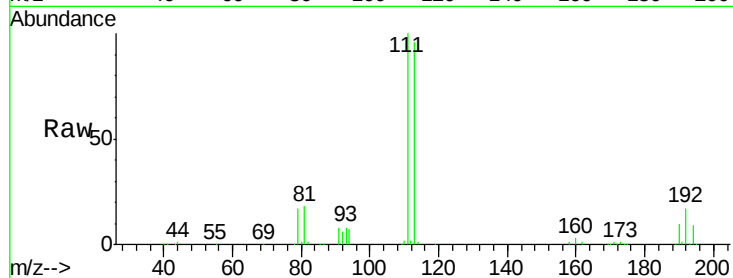
Tgt Ion:113 Resp: 94272

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

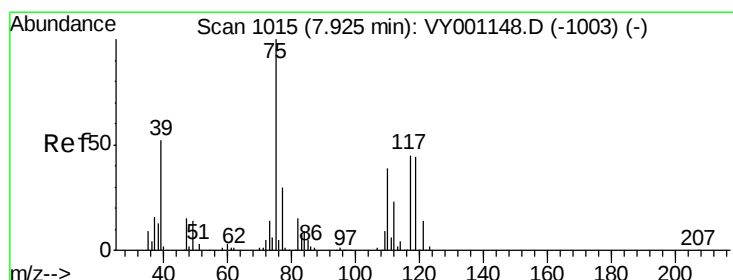
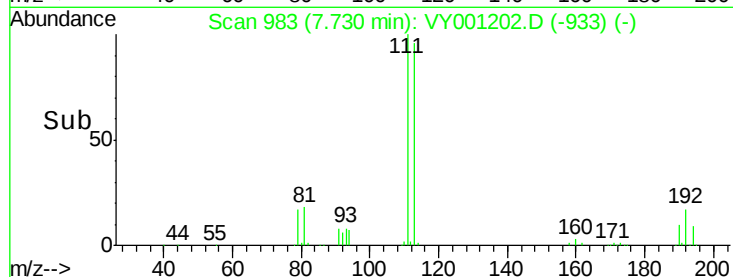
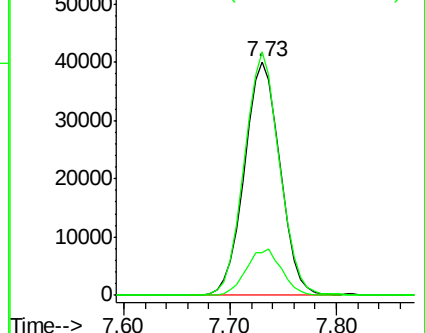
192 19.7 15.4 23.2



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: 4.604 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001202.D

Acq: 14 Jan 2020 14:26

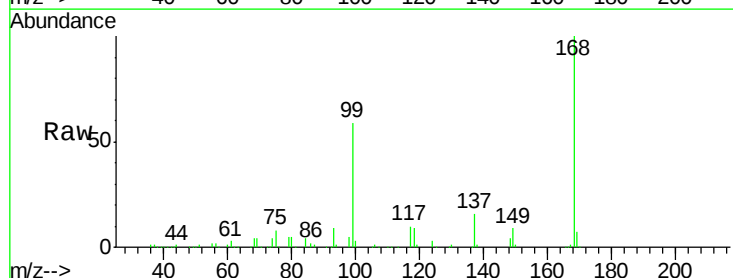
Tgt Ion: 75 Resp: 13216

Ion Ratio Lower Upper

75 100

110 8.3 18.3 54.8#

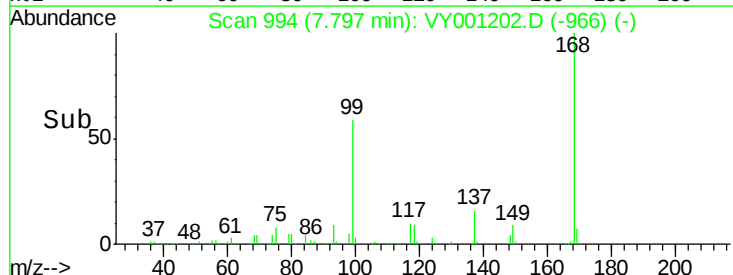
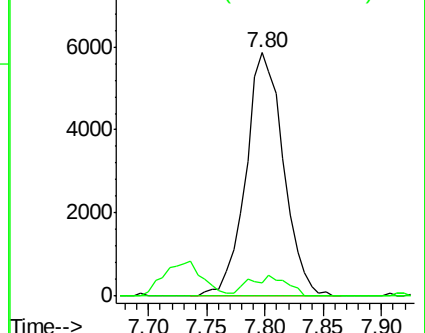
77 0.0 25.1 37.7#

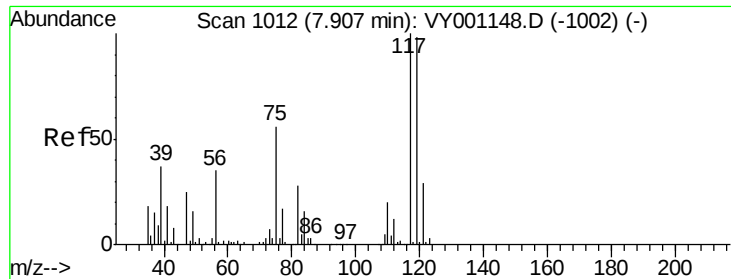


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.305 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY001202.D

Acq: 14 Jan 2020 14:26

Instrument :

MSVOA_Y

ClientSampleId :

INWOOD-BH-01-B

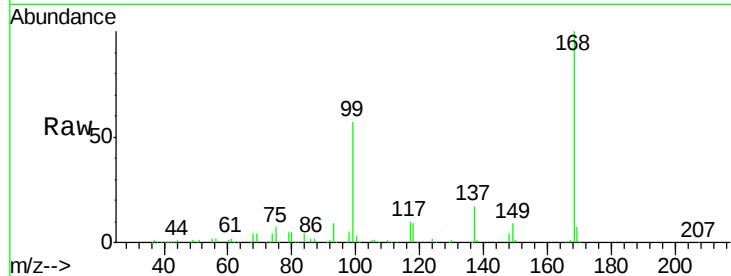
Tgt Ion:117 Resp: 16585

Ion Ratio Lower Upper

117 100

119 3.6 78.3 117.5#

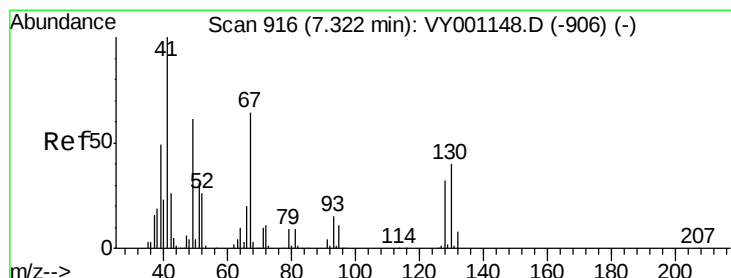
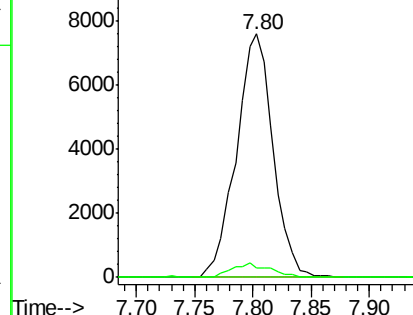
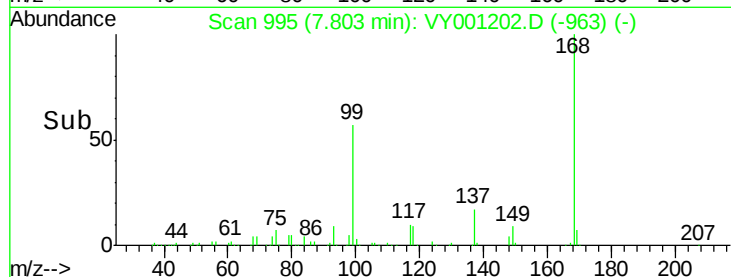
121 0.0 23.5 35.3#



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: 1.242 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.05 min

Lab File: VY001202.D

Acq: 14 Jan 2020 14:26

Tgt Ion: 41 Resp: 983

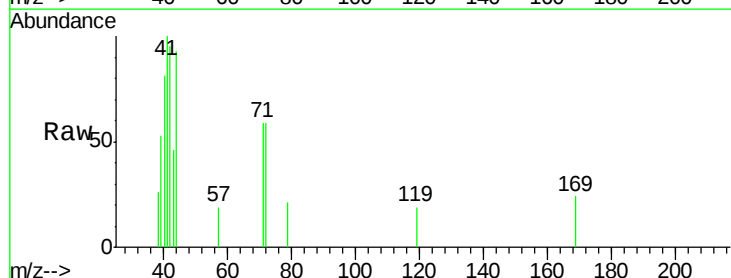
Ion Ratio Lower Upper

41 100

39 56.3 103.5 155.3#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

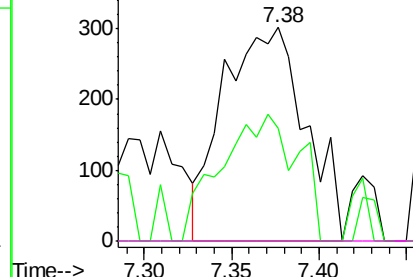
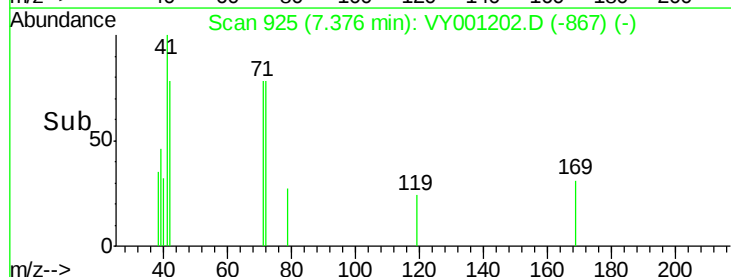


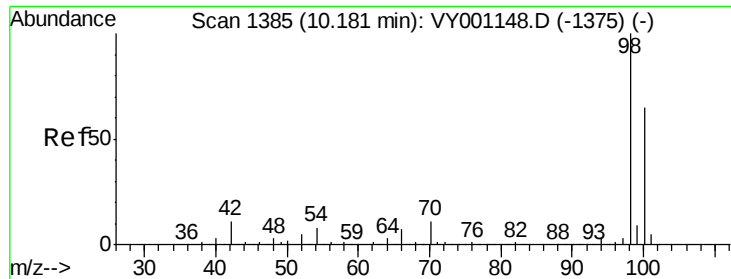
Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 52.468 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001202.D

Acq: 14 Jan 2020 14:26

Instrument :

MSVOA_Y

ClientSampleId :

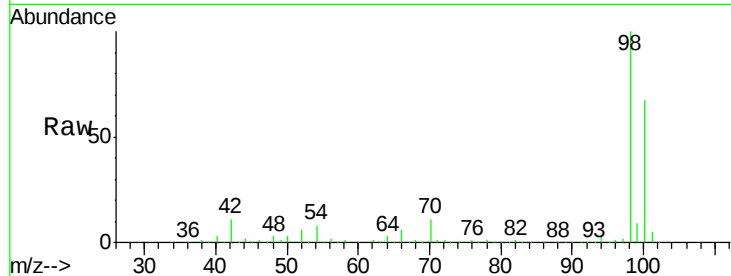
INWOOD-BH-01-B

Tgt Ion: 98 Resp: 372768

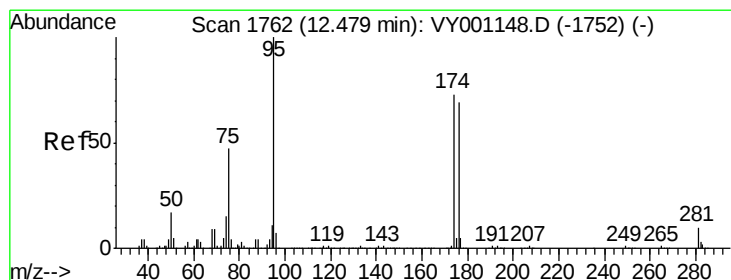
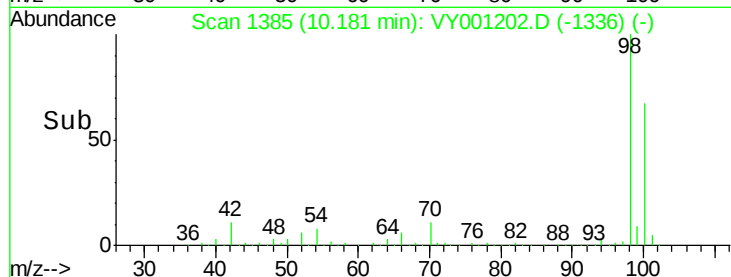
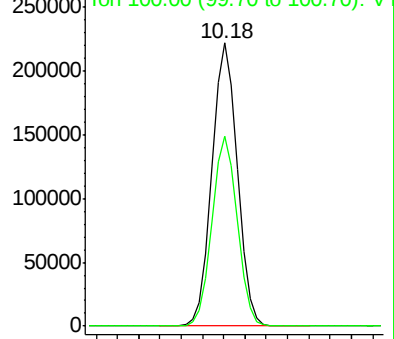
Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)



#62

4-Bromofluorobenzene

Concen: 45.526 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001202.D

Acq: 14 Jan 2020 14:26

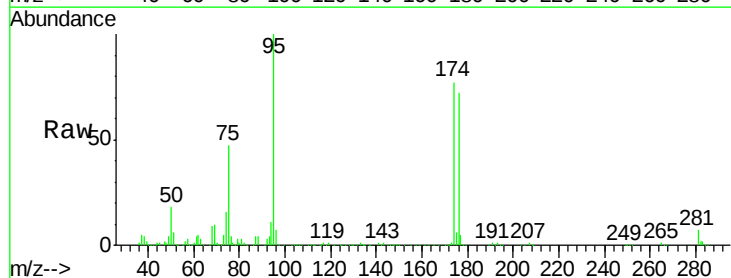
Tgt Ion: 95 Resp: 132234

Ion Ratio Lower Upper

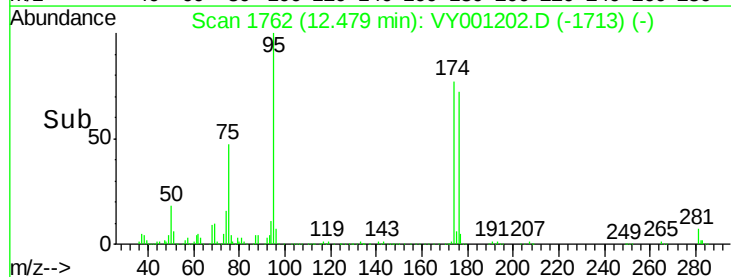
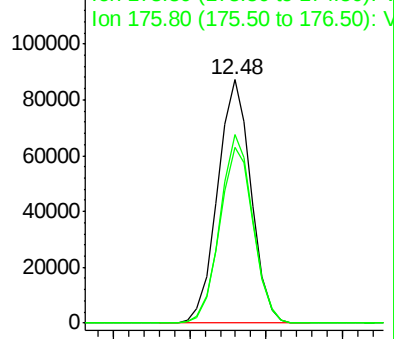
95 100

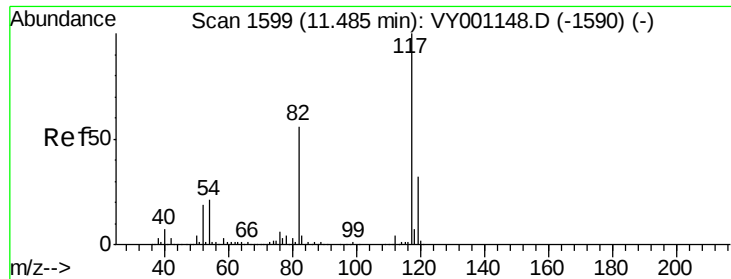
174 76.3 0.0 143.2

176 73.1 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

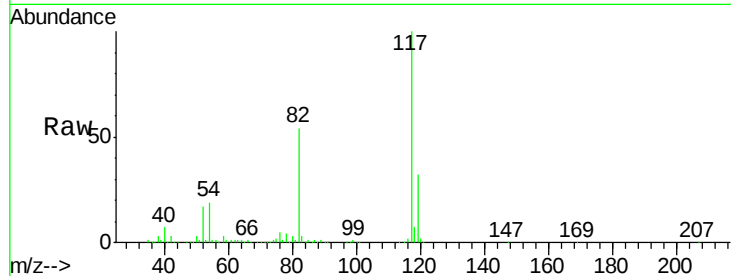




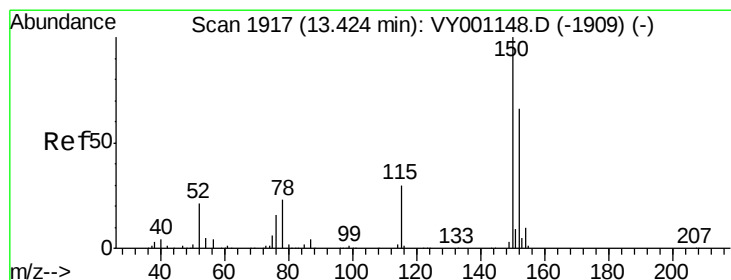
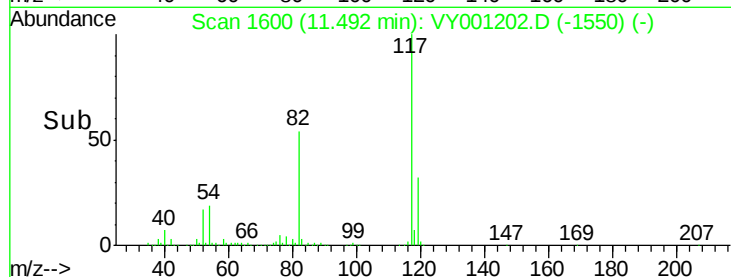
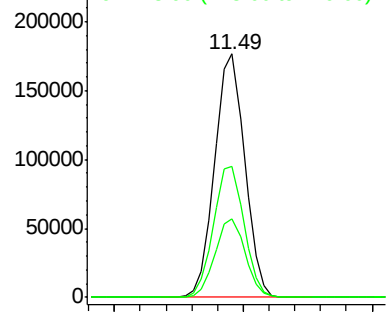
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001202.D
Acq: 14 Jan 2020 14:26

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

Tgt Ion:117 Resp: 284668
Ion Ratio Lower Upper
117 100
82 54.0 44.9 67.3
119 32.0 25.7 38.5

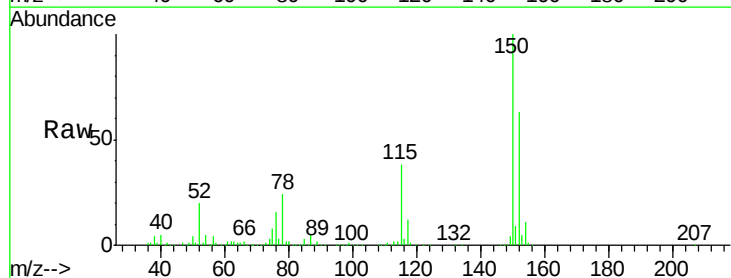


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

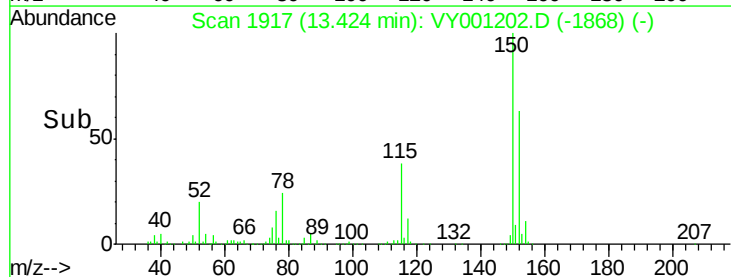
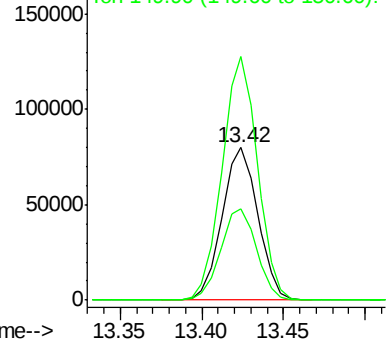


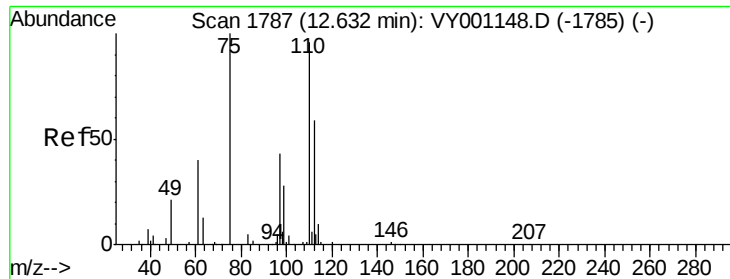
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001202.D
Acq: 14 Jan 2020 14:26

Tgt Ion:152 Resp: 122560
Ion Ratio Lower Upper
152 100
115 60.1 30.9 92.5
150 157.3 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: 48.413 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001202.D

Acq: 14 Jan 2020 14:26

Instrument :

MSVOA_Y

ClientSampleId :

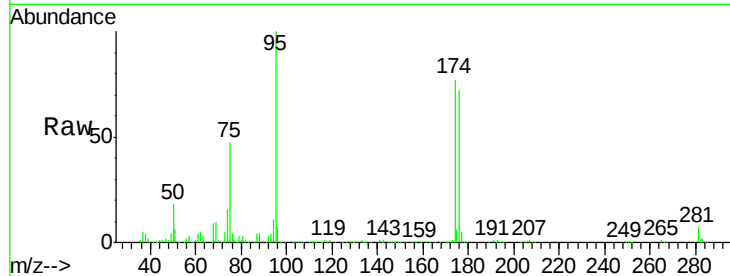
INWOOD-BH-01-B

Tgt Ion: 75 Resp: 63519

Ion Ratio Lower Upper

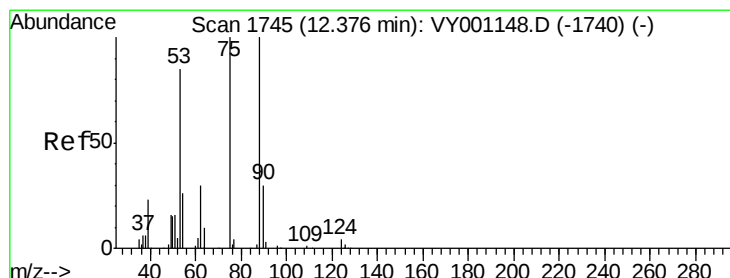
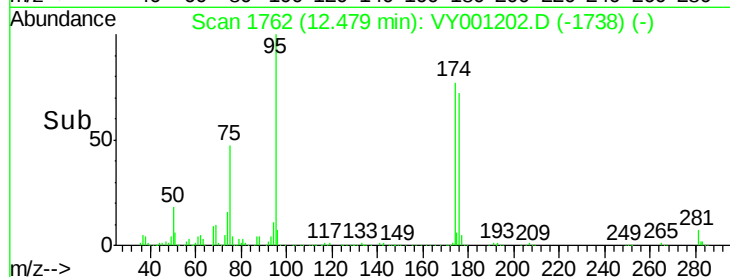
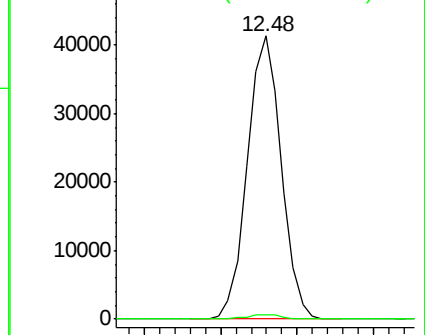
75 100

77 1.7 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: 82.098 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001202.D

Acq: 14 Jan 2020 14:26

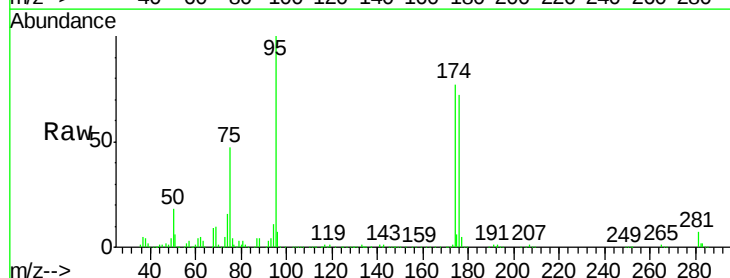
Tgt Ion: 75 Resp: 63519

Ion Ratio Lower Upper

75 100

53 0.1 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

