

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001686.D
 Acq On : 18 Feb 2020 20:53
 Operator : SY/MD
 Sample : L1547-21
 Misc : 5.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-04-C

Quant Time: Feb 19 06:49:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	148714	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	270834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	246996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	112433	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	91238	57.04	ug/l	0.00
Spiked Amount			Recovery	=	114.08%	
35) Dibromofluoromethane	7.75	113	80197	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
50) Toluene-d8	10.20	98	327555	53.90	ug/l	0.00
Spiked Amount			Recovery	=	107.80%	
62) 4-Bromofluorobenzene	12.50	95	113720	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	

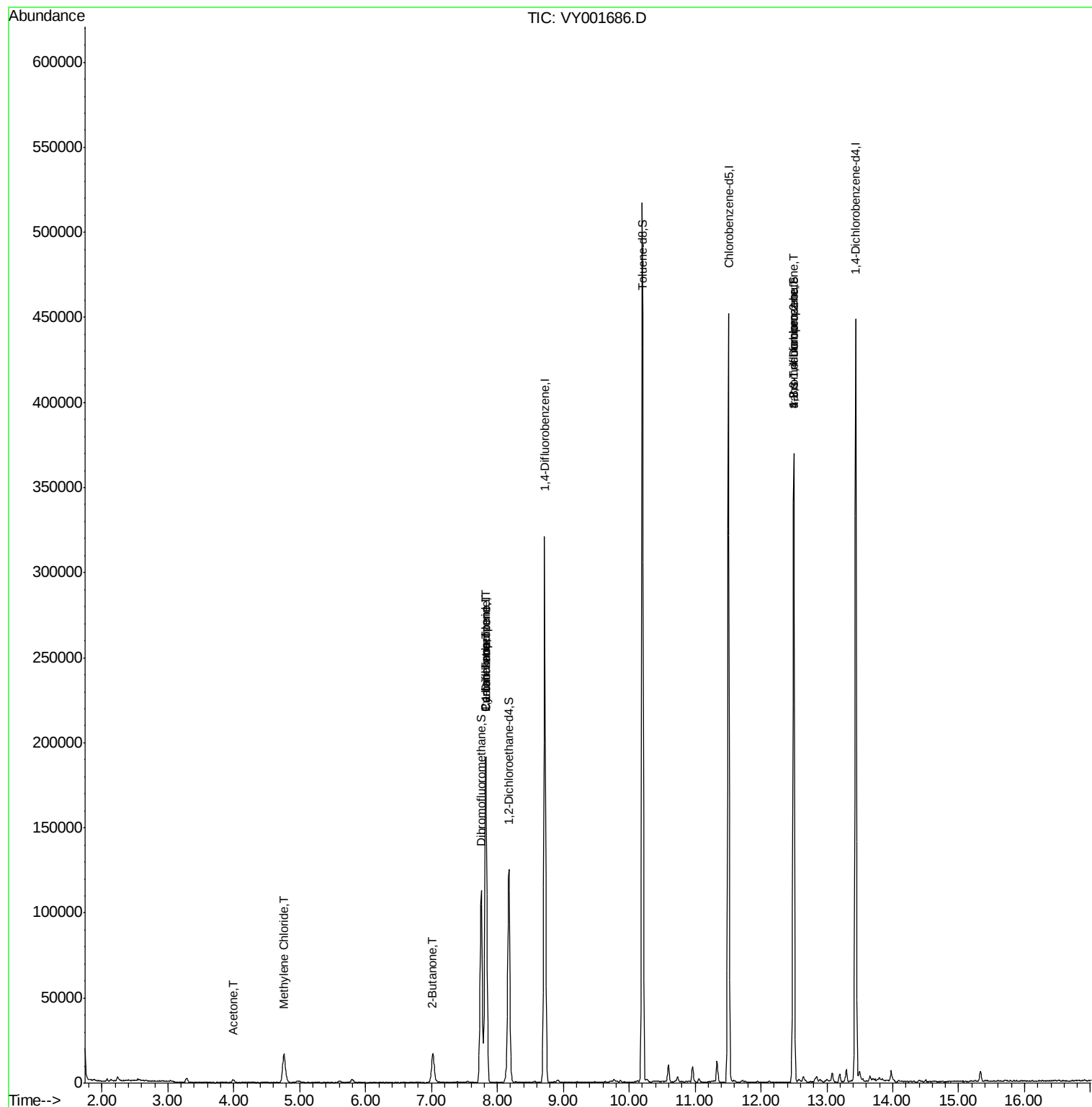
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.00	59	1739	Below Cal	#	74
16) Acetone	3.99	43	3141	5.675	ug/l	98
20) Methylene Chloride	4.76	84	11991	6.099	ug/l	96
25) 2-Butanone	7.02	43	1394	1.854	ug/l #	81
31) Cyclohexane	7.82	56	3530	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	12232	4.728	ug/l #	50
38) Carbon Tetrachloride	7.83	117	15089	6.640	ug/l #	16
76) 1,2,3-Trichloropropane	12.50	75	57814	44.826	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	57814	85.042	ug/l #	17

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
Data File : VY001686.D
Acq On : 18 Feb 2020 20:53
Operator : SY/MD
Sample : L1547-21
Misc : 5.65G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-04-C

Quant Time: Feb 19 06:49:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

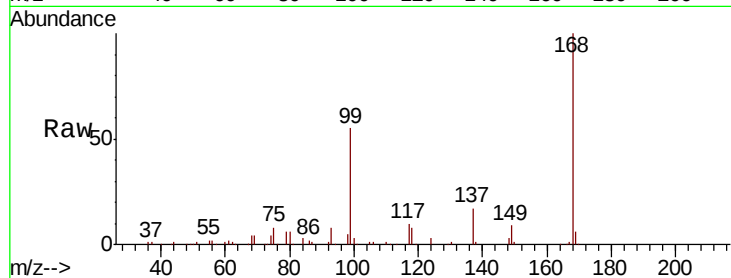
MARCY-GREEN-BH-04-C

Tot Ion:168 Resp: 148714

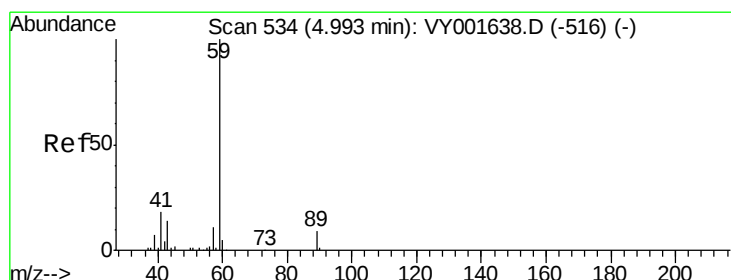
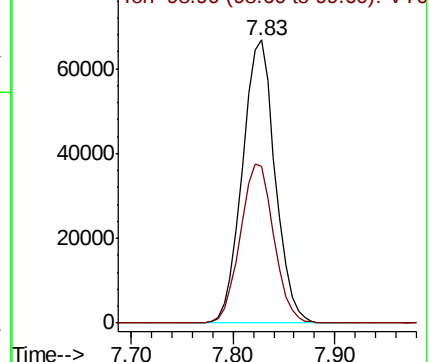
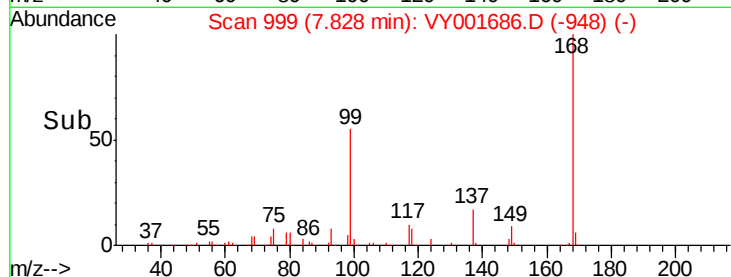
Ion Ratio Lower Upper

168 100

99 55.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001686.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.00 min Scan# 535

Delta R.T. 0.01 min

Lab File: VY001686.D

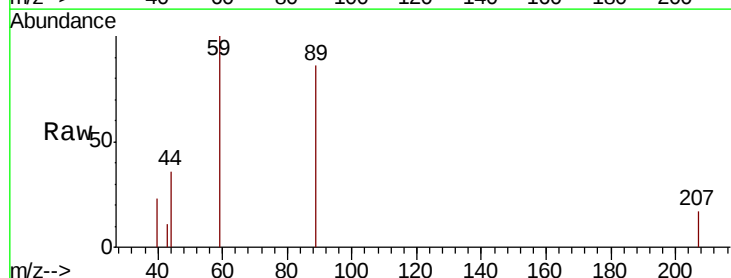
Acq: 18 Feb 2020 20:53

Tgt Ion: 59 Resp: 1739

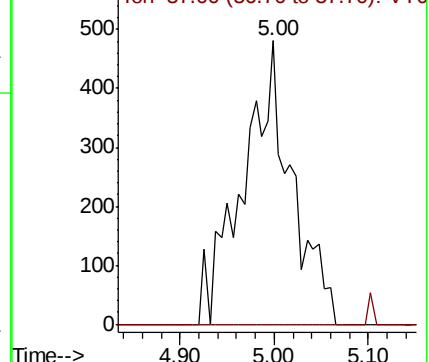
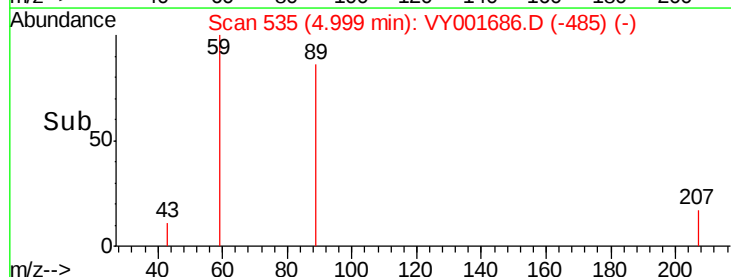
Ion Ratio Lower Upper

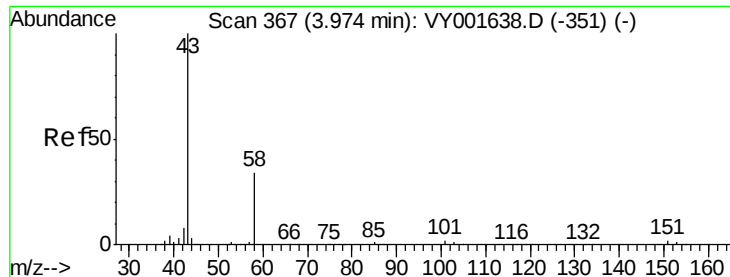
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001686.D (-485) (-)





#16

Acetone

Concen: 5.675 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

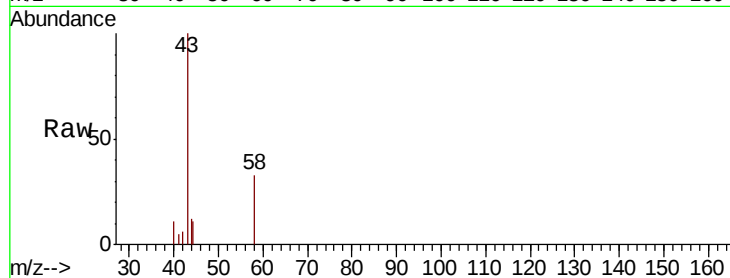
MARCY-GREEN-BH-04-C

Tot Ion: 43 Resp: 3141

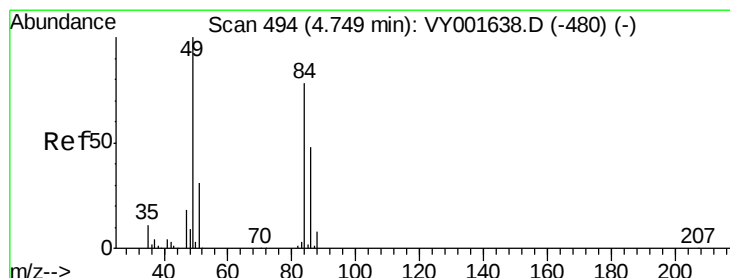
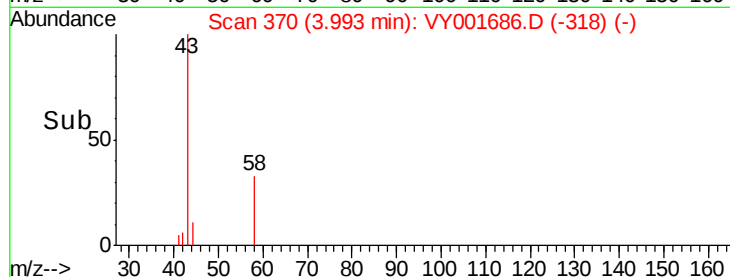
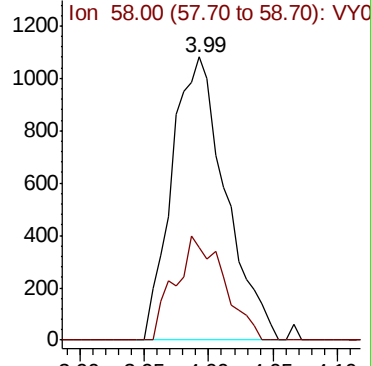
Ion Ratio Lower Upper

43 100

58 32.7 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001686.D (-318) (-)



#20

Methylene Chloride

Concen: 6.099 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

Tgt Ion: 84 Resp: 11991

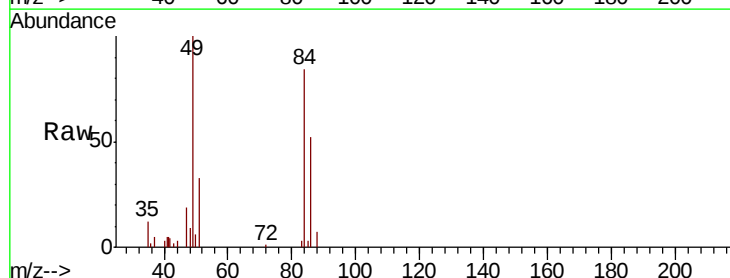
Ion Ratio Lower Upper

84 100

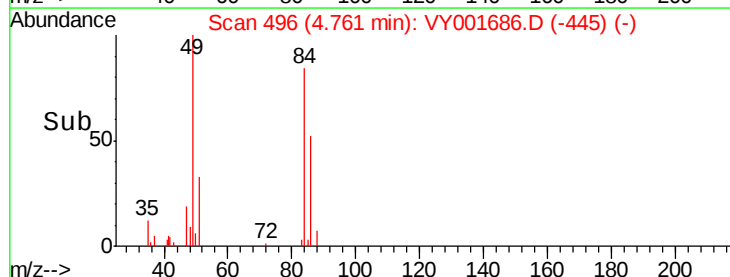
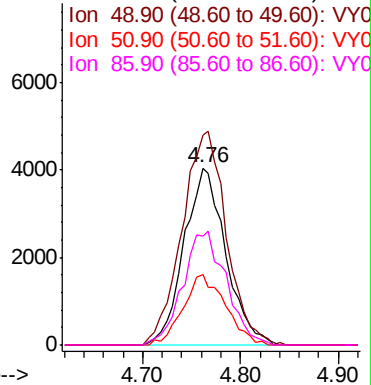
49 118.5 99.2 148.8

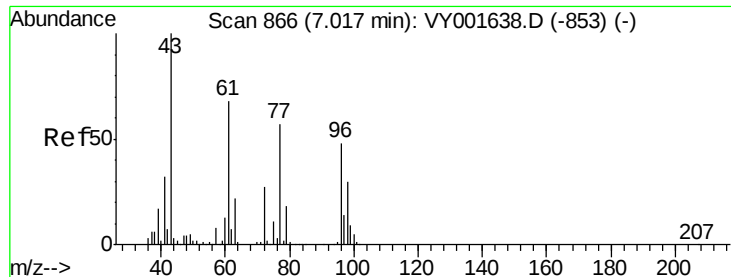
51 39.5 31.5 47.3

86 61.5 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001686.D (-445) (-)





#25

2-Butanone

Concen: 1.854 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

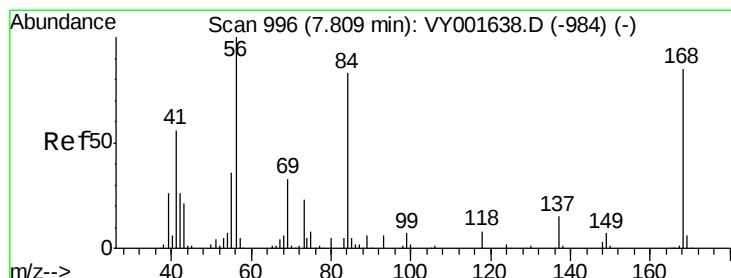
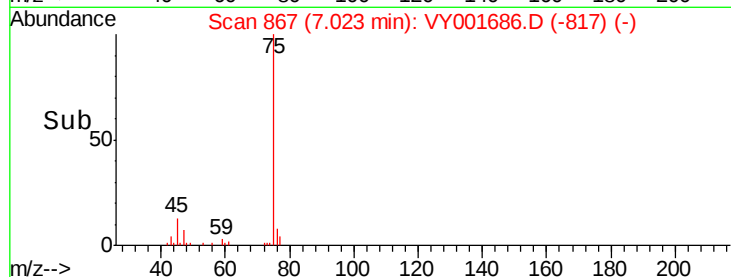
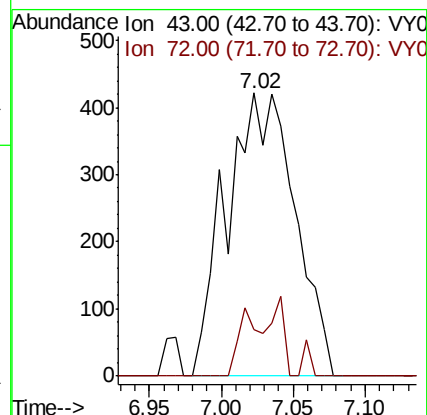
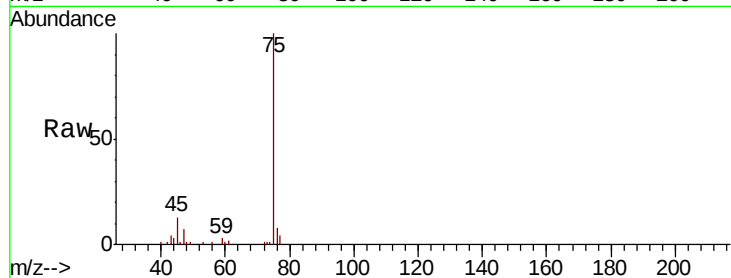
MARCY-GREEN-BH-04-C

Tot Ion: 43 Resp: 1394

Ion Ratio Lower Upper

43 100

72 16.6 21.2 31.8#



#31

Cyclohexane

Concen: 1.050 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

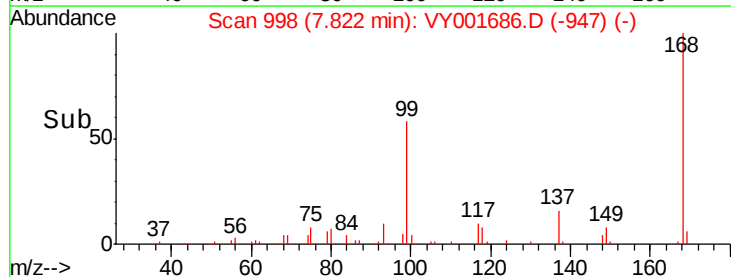
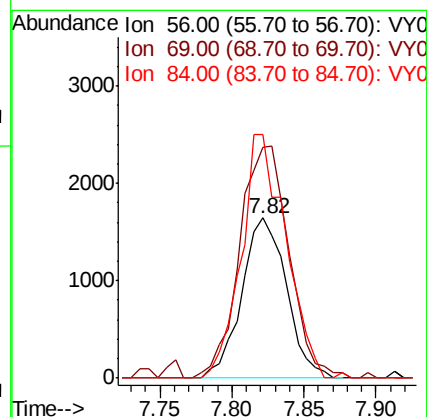
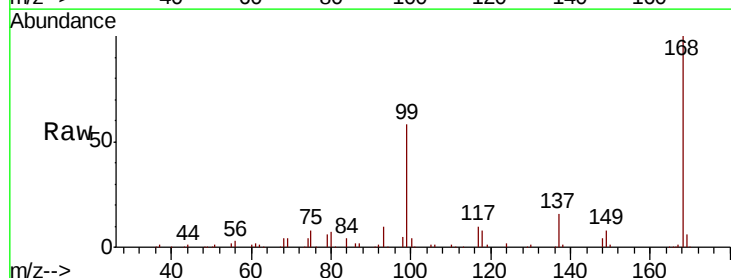
Tgt Ion: 56 Resp: 3530

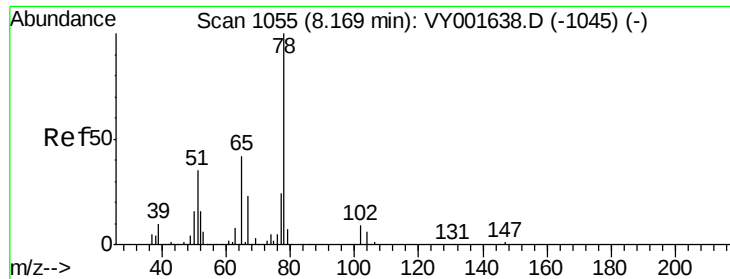
Ion Ratio Lower Upper

56 100

69 144.2 25.1 37.7#

84 152.1 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 57.037 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

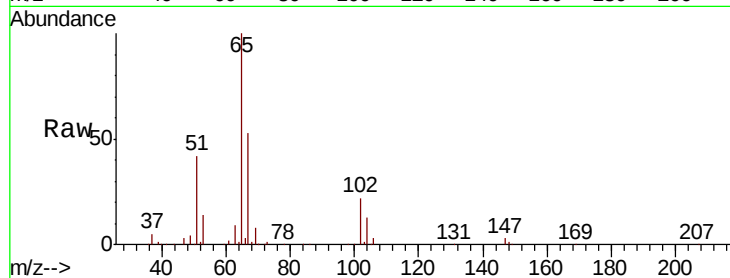
MARCY-GREEN-BH-04-C

Tot Ion: 65 Resp: 91238

Ion Ratio Lower Upper

65 100

67 54.4 0.0 111.0

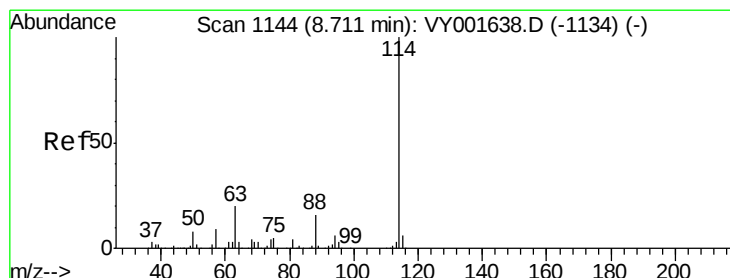
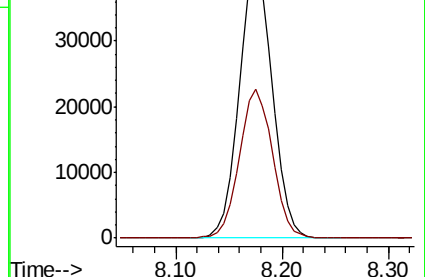
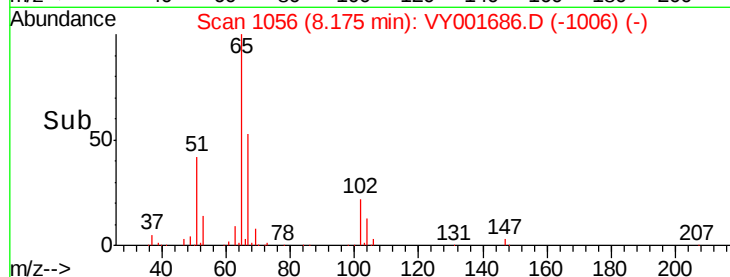


Abundance Ion 64.90 (64.60 to 65.60): VY001686.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001686.D (-1045) (-)

8.18

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

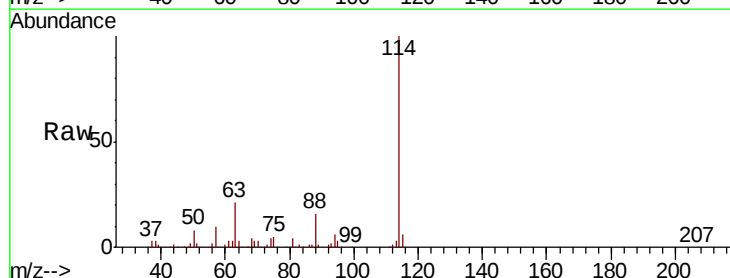
Tgt Ion: 114 Resp: 270834

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

88 15.6 0.0 32.8



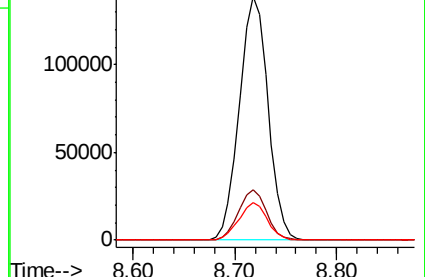
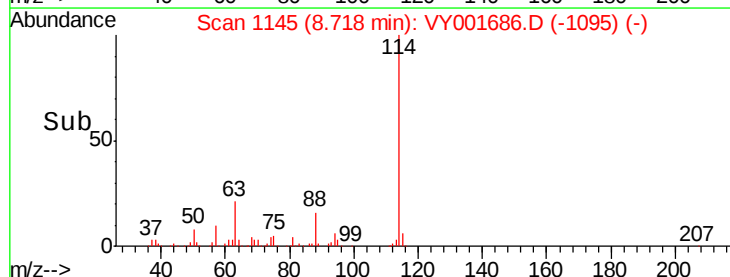
Abundance Ion 113.90 (113.60 to 114.60): VY001686.D (-1095) (-)

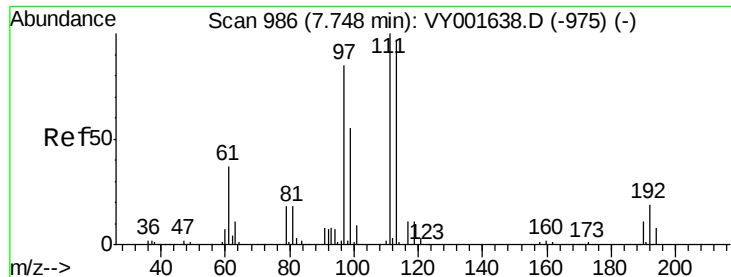
Ion 63.00 (62.70 to 63.70): VY001686.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001686.D (-1095) (-)

8.72

Time-->

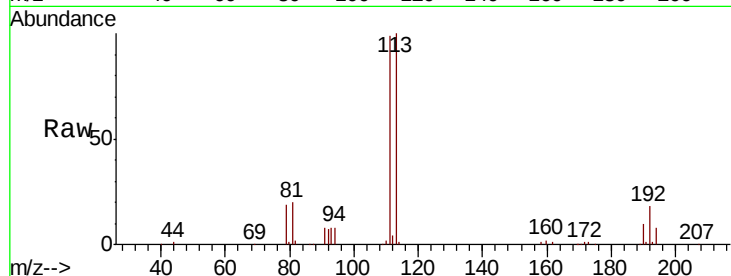




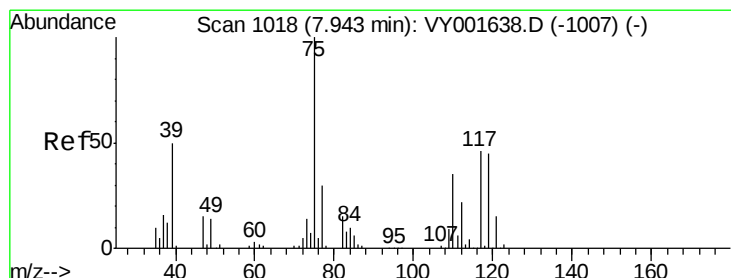
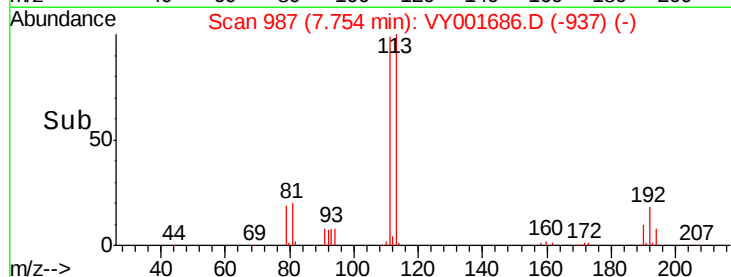
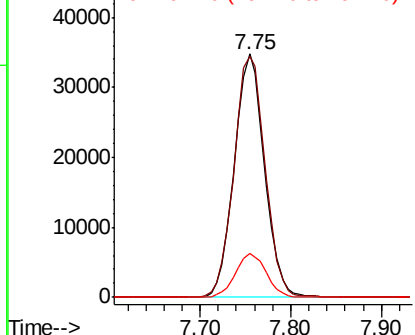
#35
 Dibromofluoromethane
 Concen: 51.699 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001686.D
 Acq: 18 Feb 2020 20:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-04-C

Tot Ion:113 Resp: 80197
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 18.5 14.3 21.5

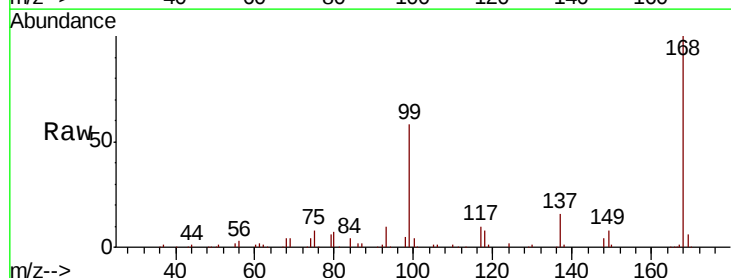


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

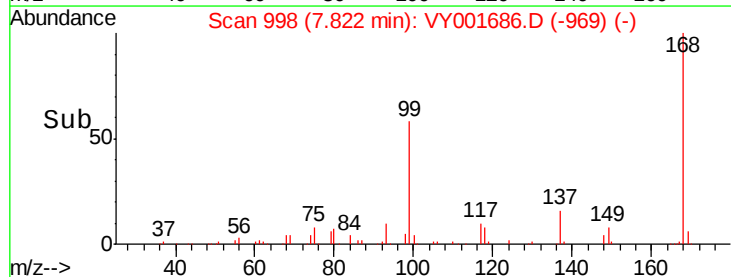
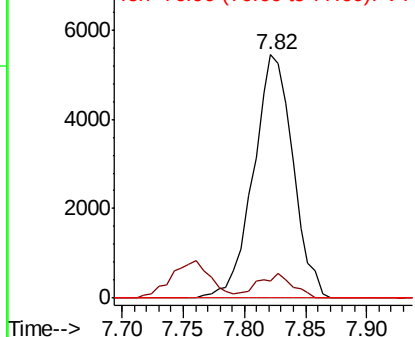


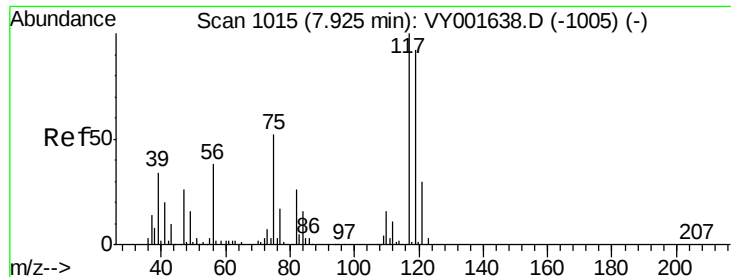
#36
 1,1-Dichloropropene
 Concen: 4.728 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001686.D
 Acq: 18 Feb 2020 20:53

Tgt Ion: 75 Resp: 12232
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.2 51.6#
 77 0.0 24.8 37.2#



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

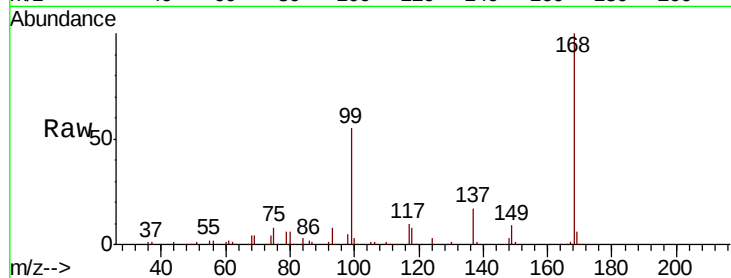




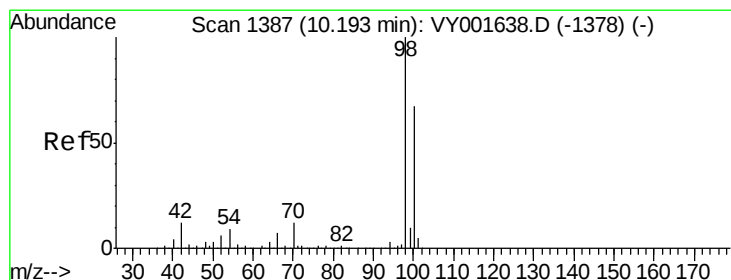
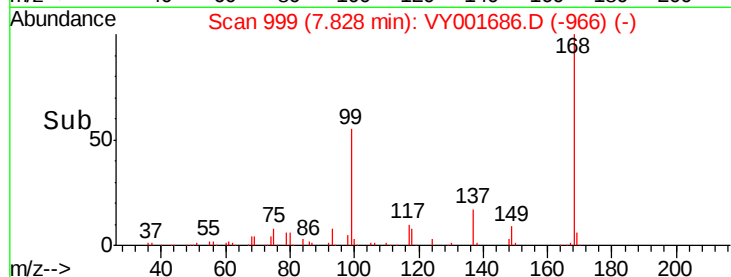
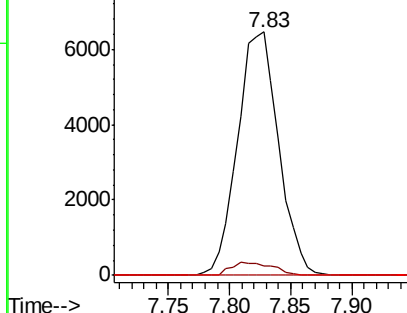
#38
Carbon Tetrachloride
Concen: 6.640 ug/l
RT: 7.83 min Scan# 999
Delta R.T. -0.10 min
Lab File: VY001686.D
Acq: 18 Feb 2020 20:53

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-04-C

Tot Ion:117 Resp: 15089
Ion Ratio Lower Upper
117 100
119 3.9 74.8 112.2#
121 0.0 23.8 35.6#

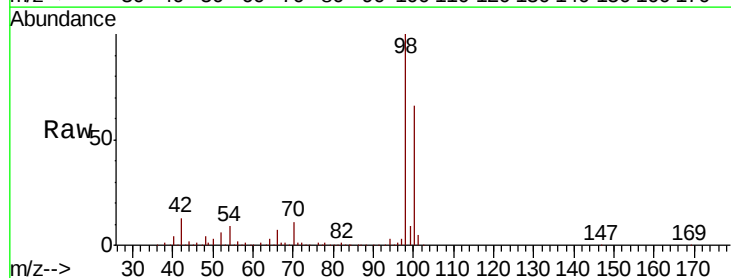


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

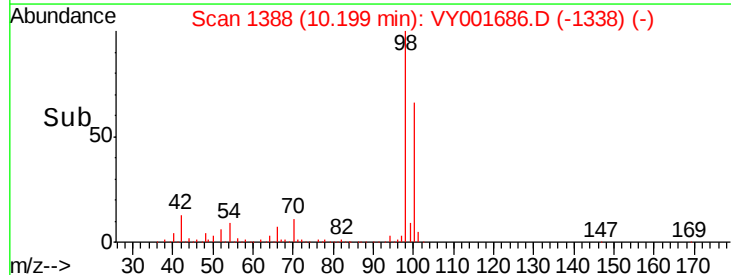
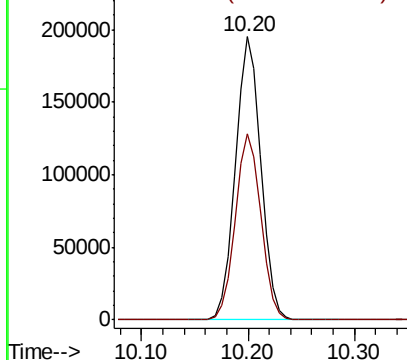


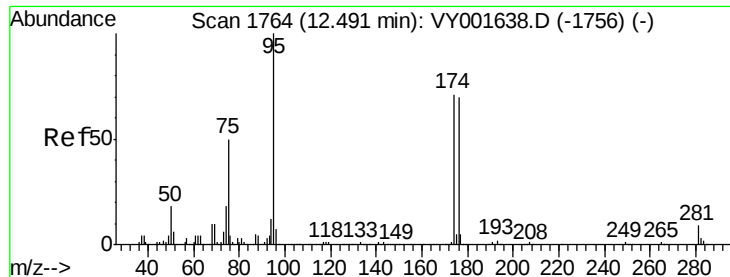
#50
Toluene-d8
Concen: 53.899 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001686.D
Acq: 18 Feb 2020 20:53

Tgt Ion: 98 Resp: 327555
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



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

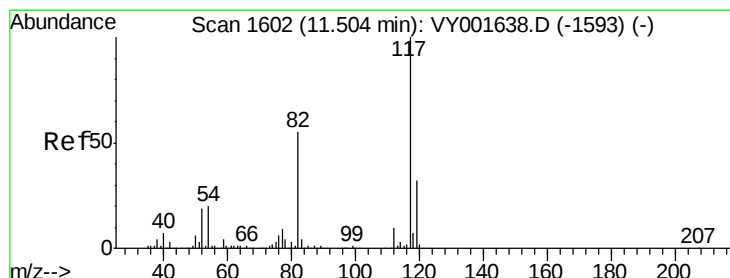
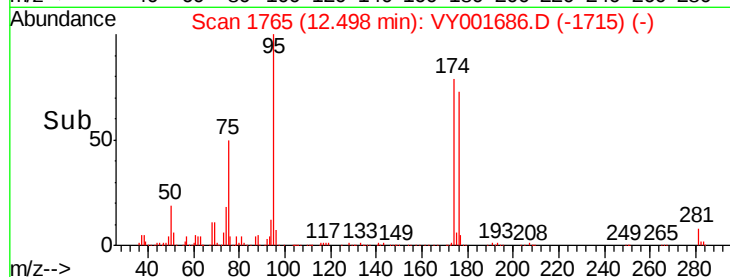
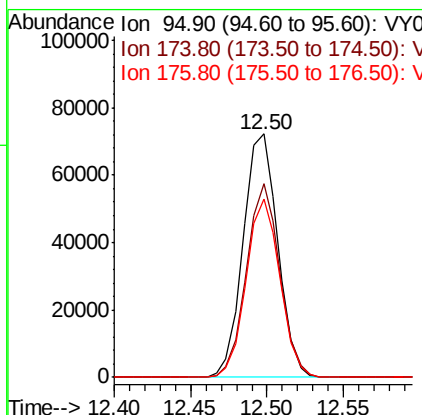
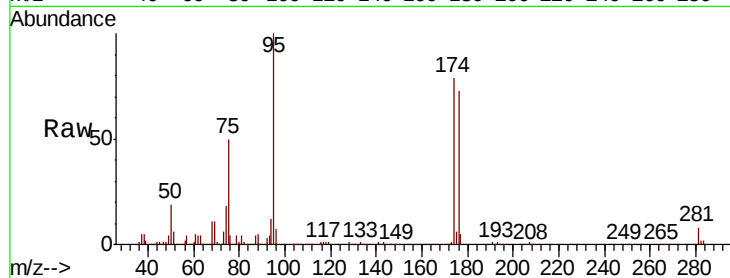




#62
4-Bromofluorobenzene
Concen: 48.167 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001686.D
Acq: 18 Feb 2020 20:53

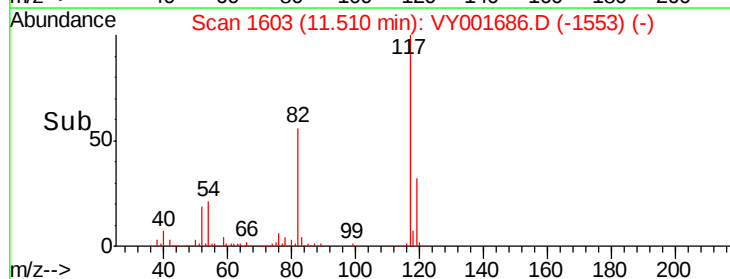
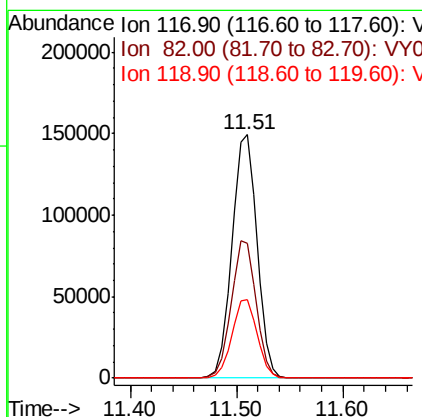
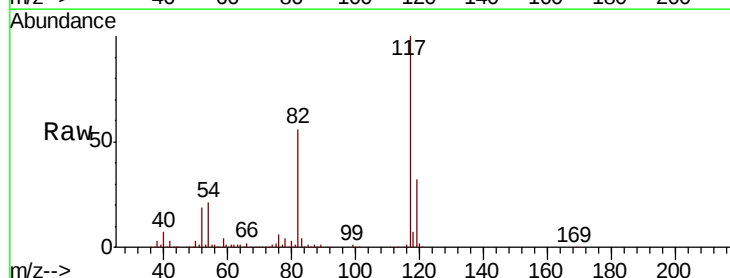
Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-04-C

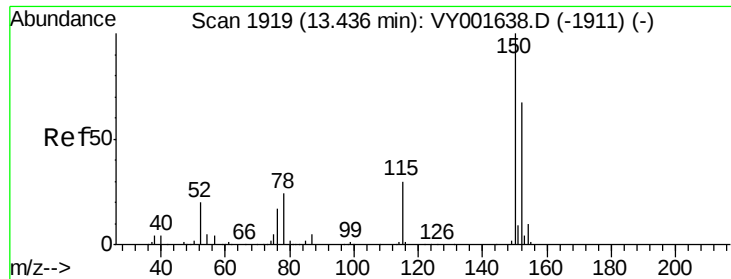
Tot Ion	95	Resp	113720
Ion Ratio	Lower	Upper	
95	100		
174	76.2	0.0	138.4
176	71.3	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001686.D
Acq: 18 Feb 2020 20:53

Tgt Ion	117	Resp	246996
Ion Ratio	Lower	Upper	
117	100		
82	55.6	45.5	68.3
119	32.2	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-04-C

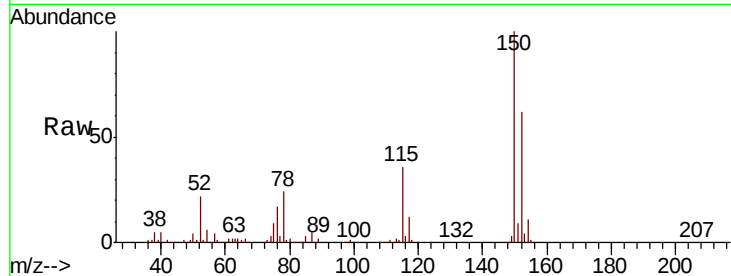
Tot Ion:152 Resp: 112433

Ion Ratio Lower Upper

152 100

115 60.6 31.4 94.2

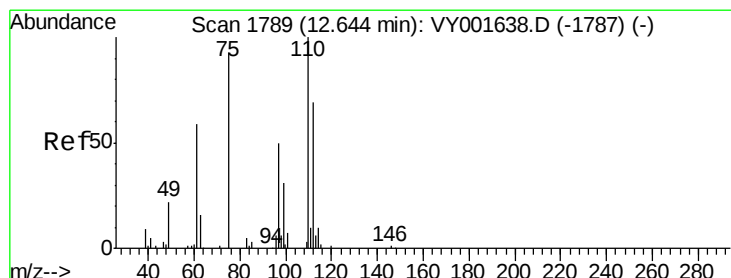
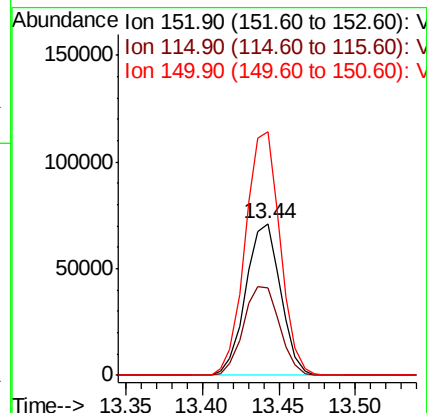
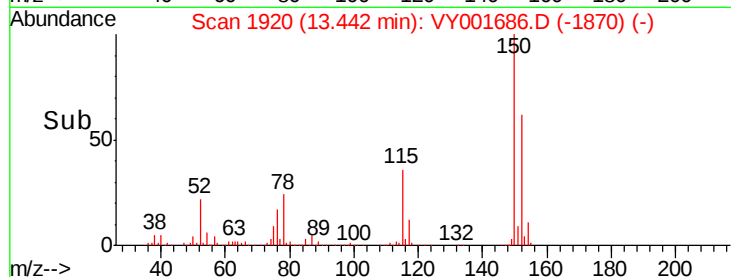
150 160.4 0.0 407.2



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: 44.826 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.15 min

Lab File: VY001686.D

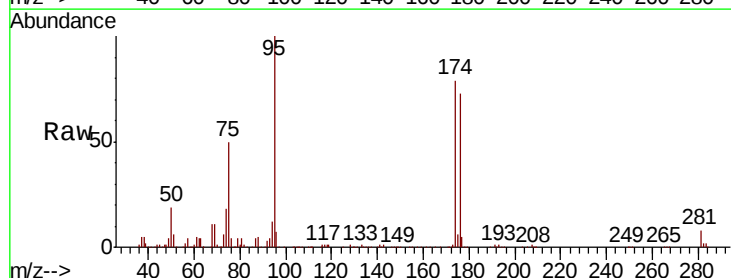
Acq: 18 Feb 2020 20:53

Tgt Ion: 75 Resp: 57814

Ion Ratio Lower Upper

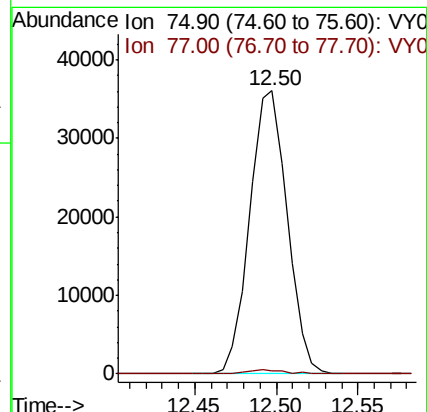
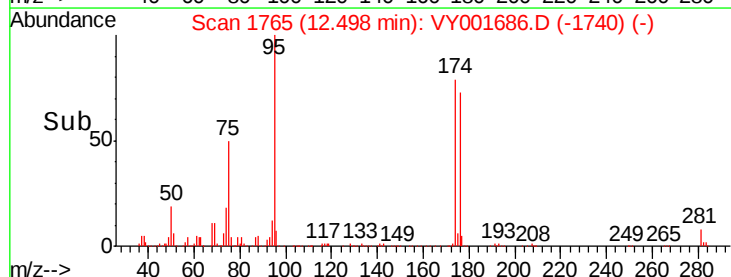
75 100

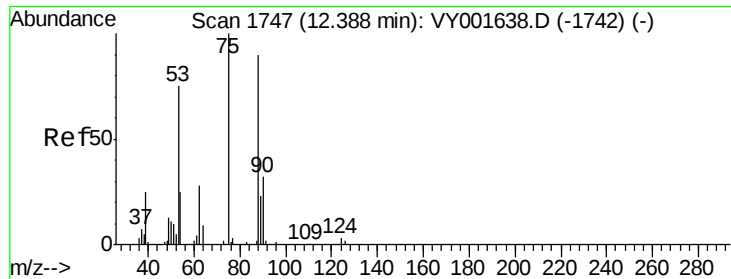
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 85.042 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.11 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-04-C

Tot Ion: 75 Resp: 57814

Ion Ratio Lower Upper

75 100

53 0.1 64.5 96.7#

89 0.4 36.3 54.5#

