

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001683.D
 Acq On : 18 Feb 2020 19:47
 Operator : SY/MD
 Sample : L1547-18
 Misc : 2.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-03-C

Quant Time: Feb 19 06:48:47 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	7.82	168	150008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	278290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	250166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	112523	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	89930	55.73	ug/l	0.00
Spiked Amount			Recovery	=	111.46%	
35) Dibromofluoromethane	7.75	113	81942	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
50) Toluene-d8	10.20	98	336755	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	
62) 4-Bromofluorobenzene	12.50	95	114548	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	

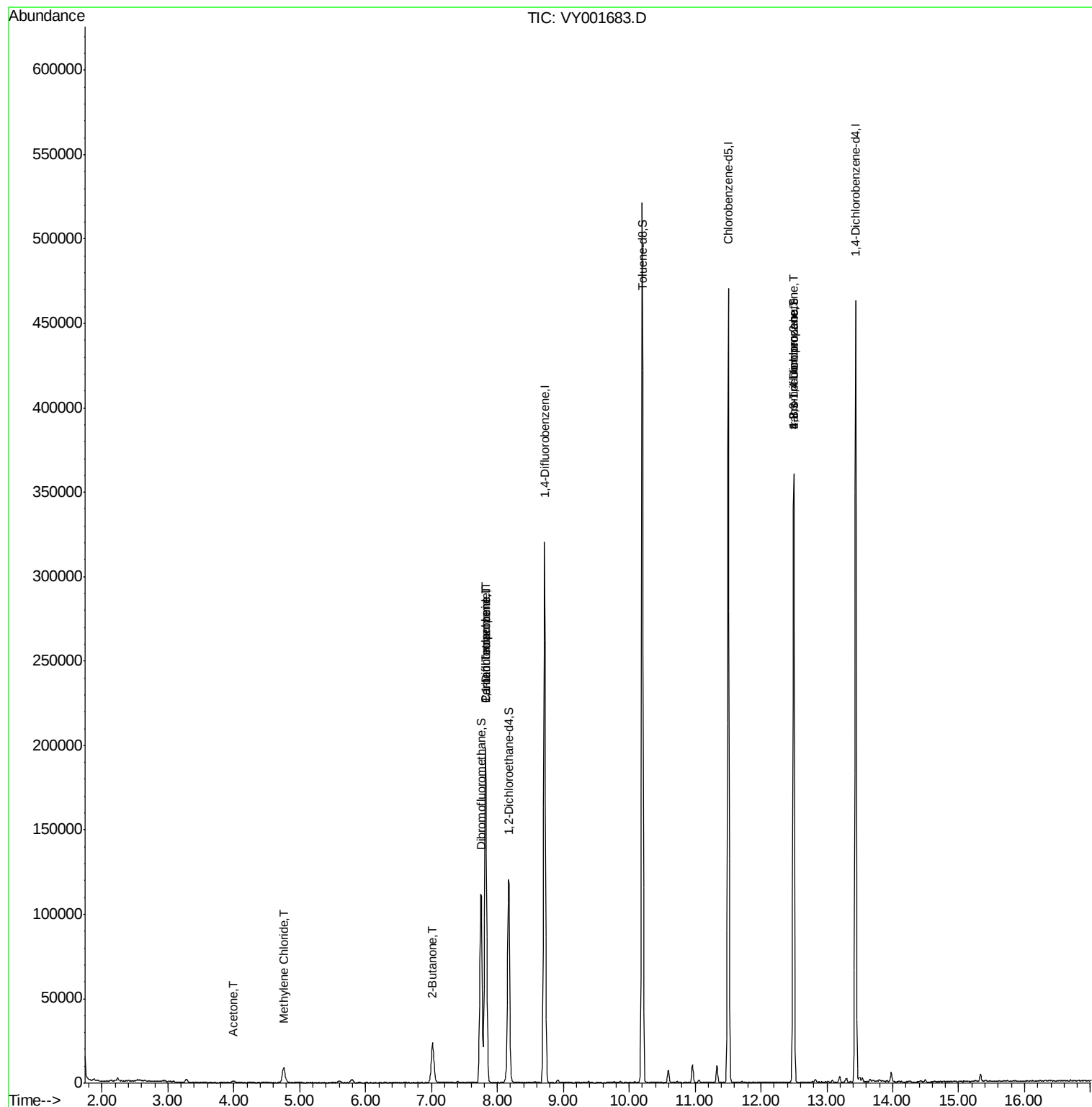
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	726	Below Cal	#	74
16) Acetone	3.99	43	1915	3.430	ug/l #	87
20) Methylene Chloride	4.76	84	6593	3.325	ug/l	90
25) 2-Butanone	7.02	43	1373	1.810	ug/l #	48
36) 1,1-Dichloropropene	7.82	75	12489	4.698	ug/l #	51
38) Carbon Tetrachloride	7.82	117	14901	6.382	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	58358	45.211	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	58358	85.773	ug/l #	17

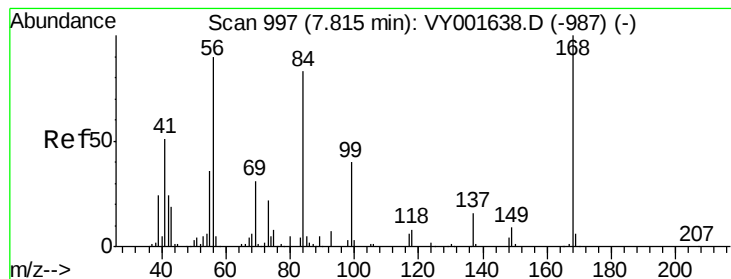
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

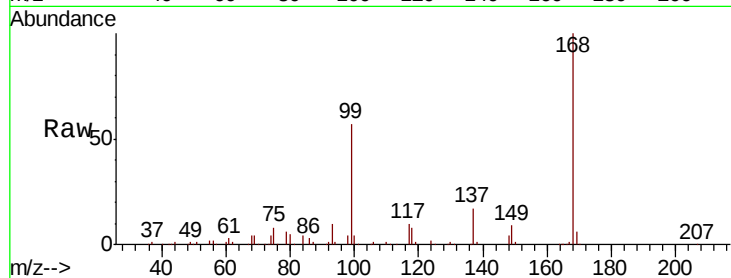
MARCY-GREEN-BH-03-C

Tot Ion:168 Resp: 150008

Ion Ratio Lower Upper

168 100

99 56.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001683.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001683.D (-987) (-)

7.82

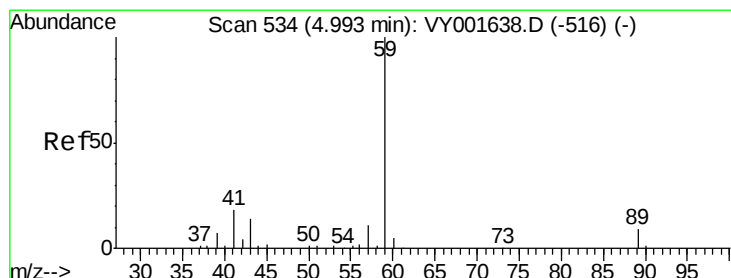
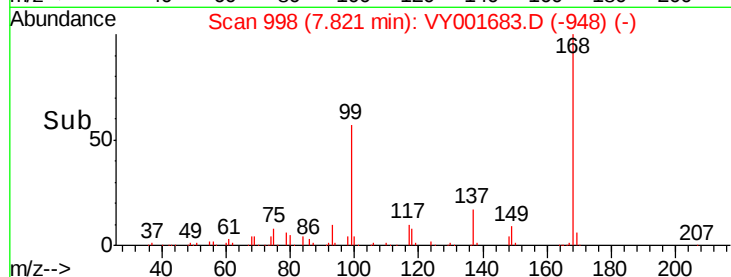
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: VY001683.D

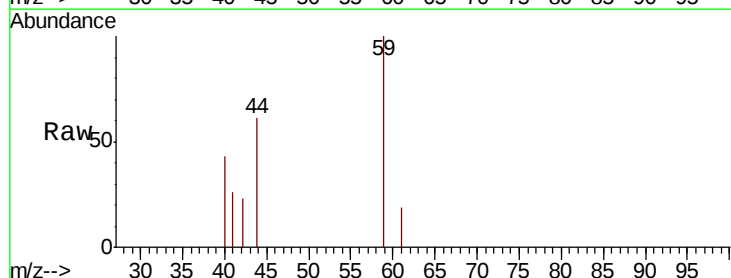
Acq: 18 Feb 2020 19:47

Tgt Ion: 59 Resp: 726

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001683.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY001683.D (-516) (-)

4.99

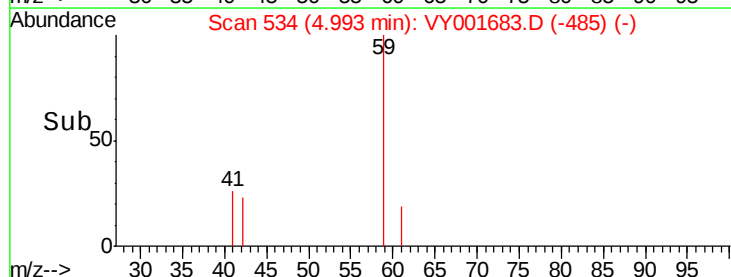
300

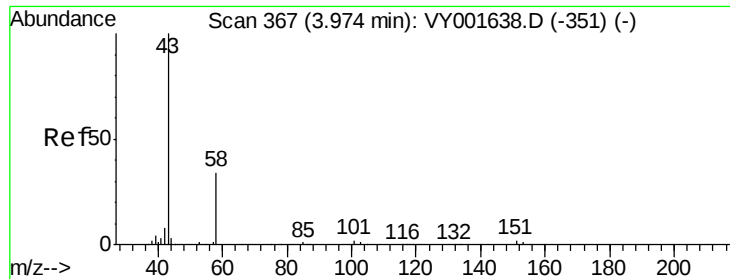
200

100

0

Time-->





#16

Acetone

Concen: 3.430 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

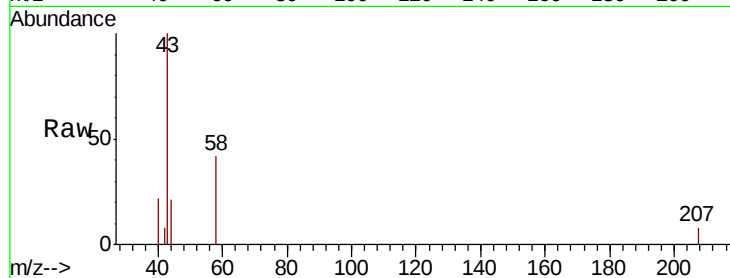
MARCY-GREEN-BH-03-C

Tot Ion: 43 Resp: 1915

Ion Ratio Lower Upper

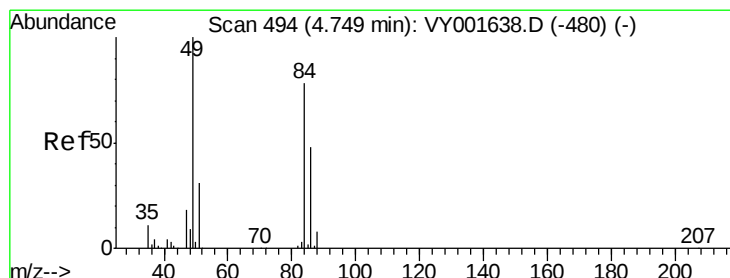
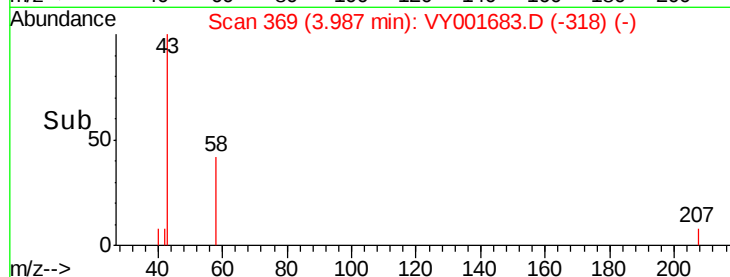
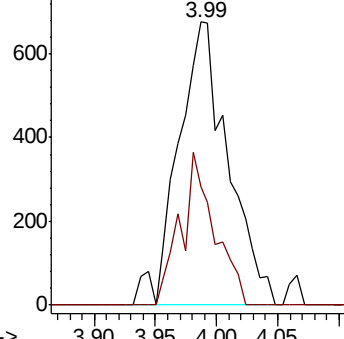
43 100

58 41.6 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 3.325 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

Tgt Ion: 84 Resp: 6593

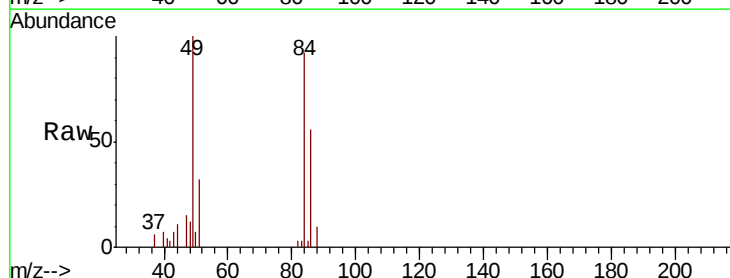
Ion Ratio Lower Upper

84 100

49 108.3 99.2 148.8

51 35.0 31.5 47.3

86 60.2 51.0 76.6

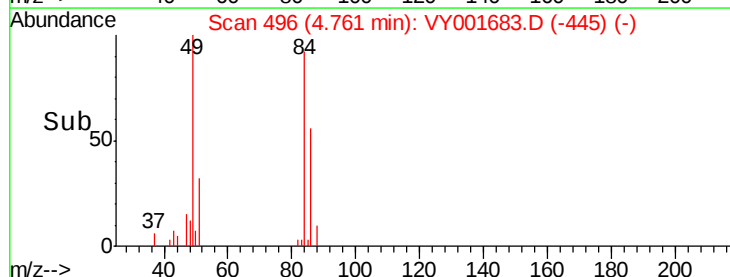
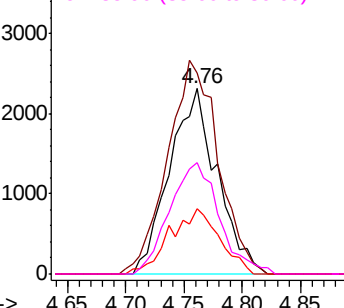


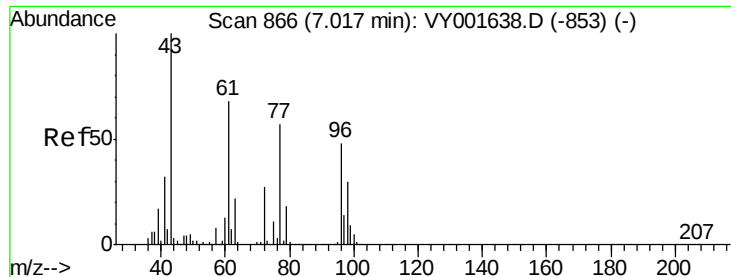
Abundance Ion 83.90 (83.60 to 84.60): VY0

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





#25

2-Butanone

Concen: 1.810 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

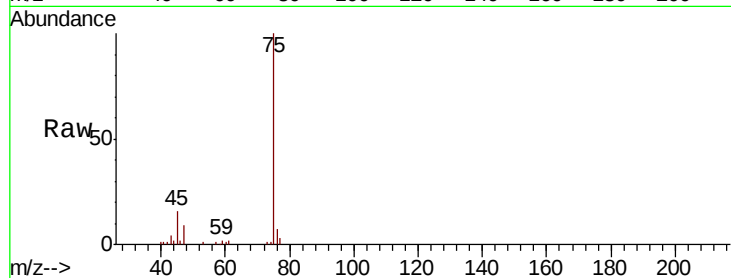
MARCY-GREEN-BH-03-C

Tot Ion: 43 Resp: 1373

Ion Ratio Lower Upper

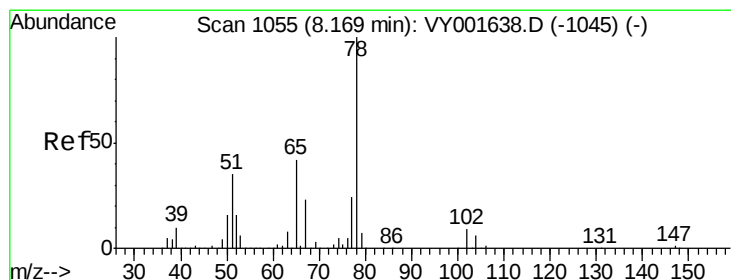
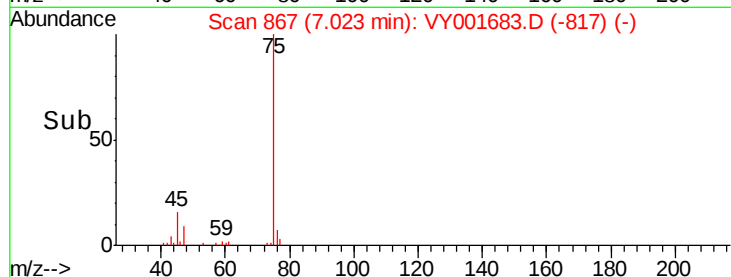
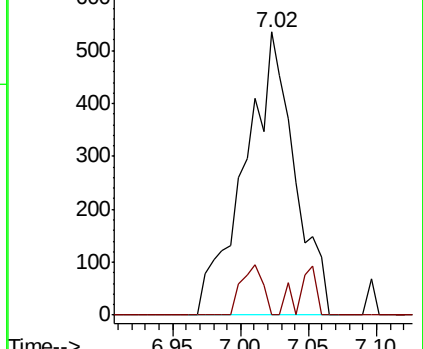
43 100

72 0.0 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 55.734 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001683.D

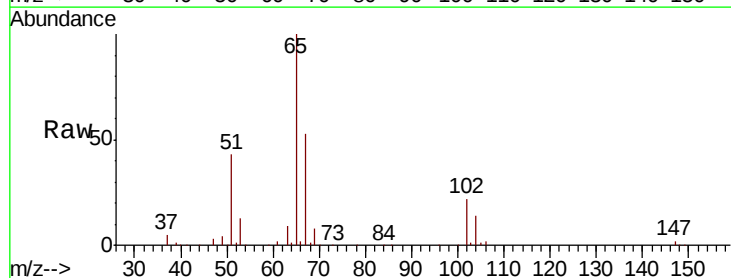
Acq: 18 Feb 2020 19:47

Tgt Ion: 65 Resp: 89930

Ion Ratio Lower Upper

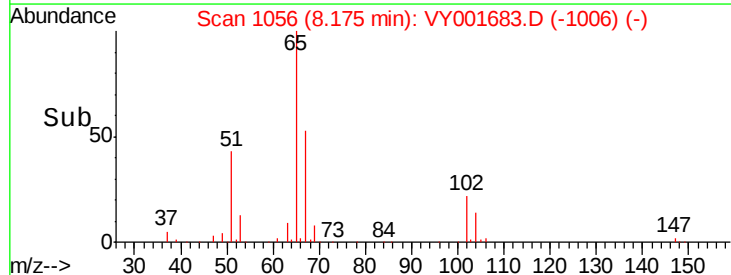
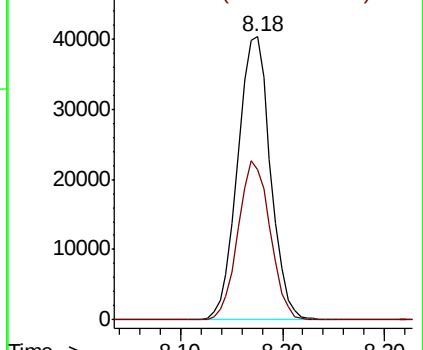
65 100

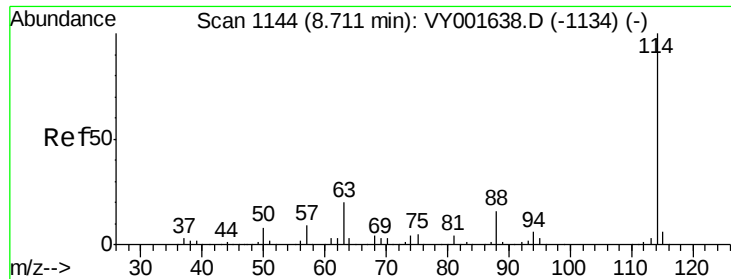
67 55.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

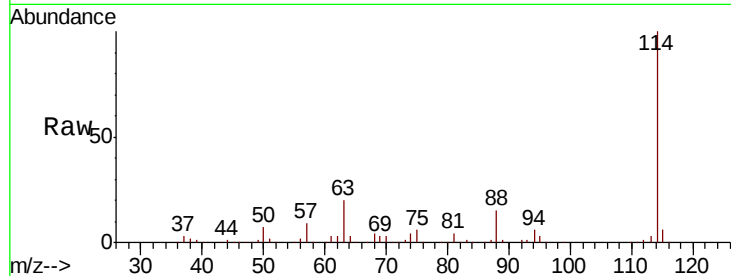




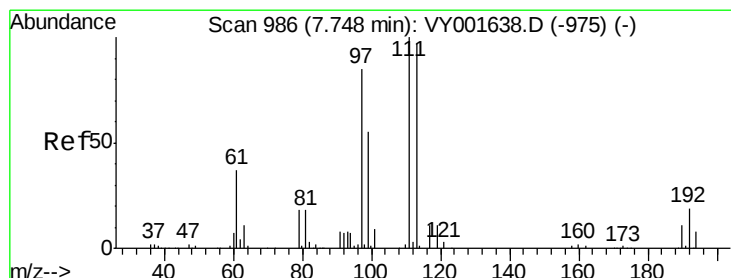
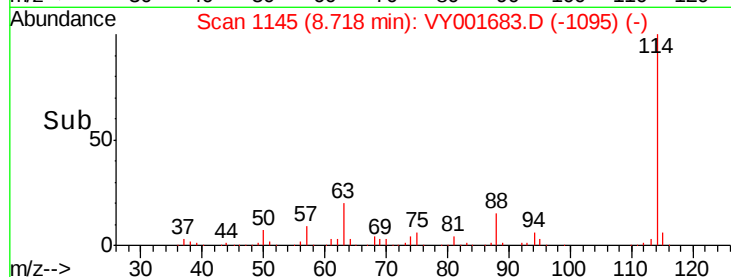
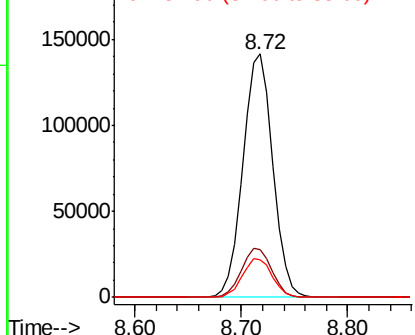
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001683.D
 Acq: 18 Feb 2020 19:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-03-C

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.4
88	15.5	0.0	32.8

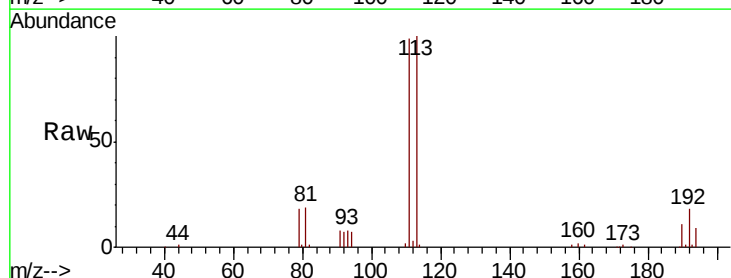


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

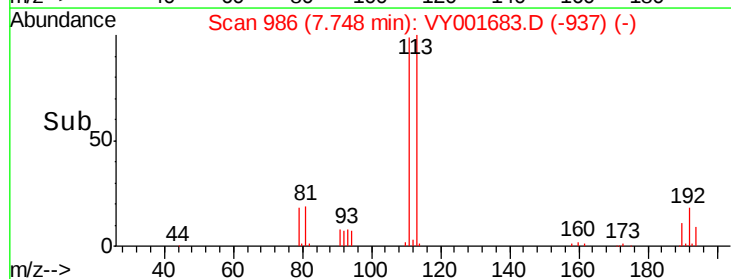
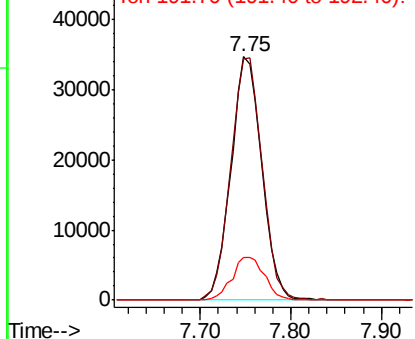


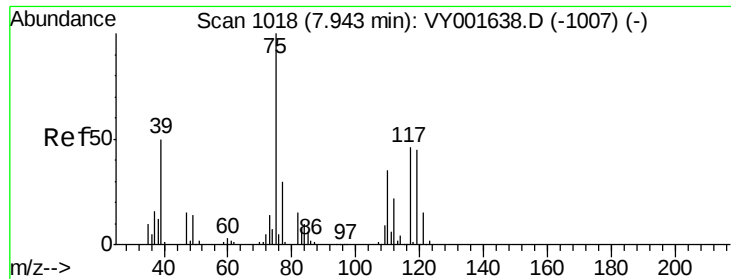
#35
 Dibromofluoromethane
 Concen: 51.409 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001683.D
 Acq: 18 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	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

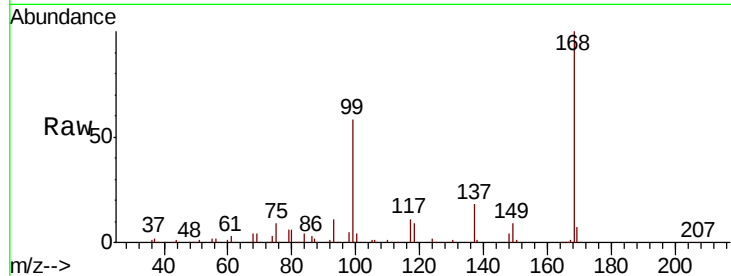




#36
 1,1-Dichloropropene
 Concen: 4.698 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001683.D
 Acq: 18 Feb 2020 19:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-03-C

Tot Ion	75	110	77	Resp	Lower	Upper
75	100					
110	10.1	17.2			51.6#	
77	0.0	24.8			37.2#	

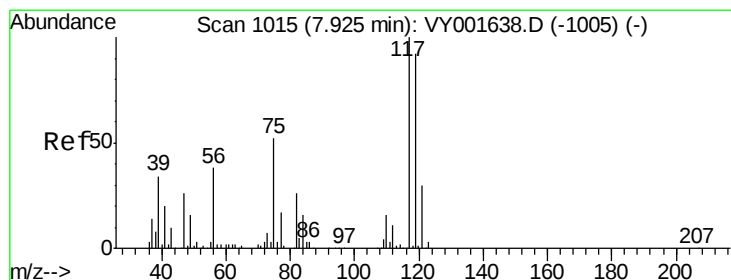
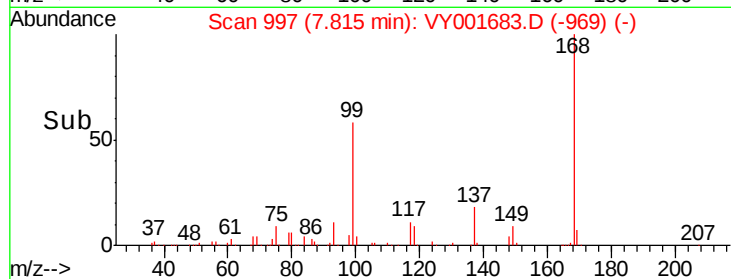
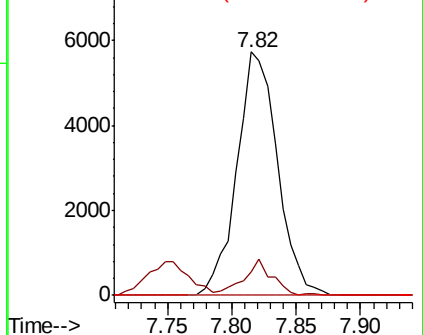


Abundance

Ion 74.90 (74.60 to 75.60): VY001683.D (-969) (-)

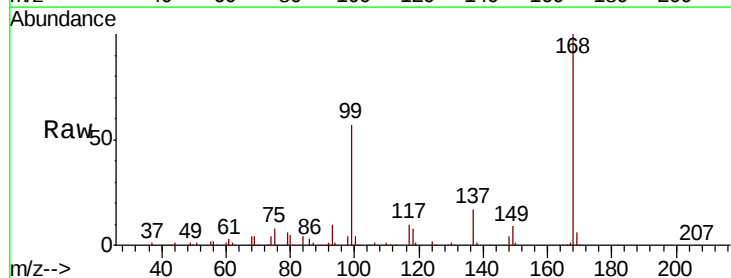
Ion 109.90 (109.60 to 110.60): VY001683.D (-969) (-)

Ion 76.90 (76.60 to 77.60): VY001683.D (-969) (-)



#38
 Carbon Tetrachloride
 Concen: 6.382 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001683.D
 Acq: 18 Feb 2020 19:47

Tgt Ion	117	119	121	Resp	Lower	Upper
117	100					
119	5.2	74.8			112.2#	
121	0.0	23.8			35.6#	

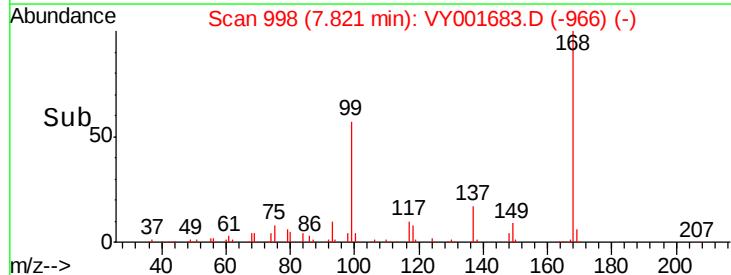
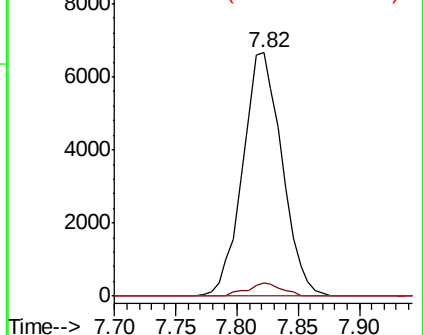


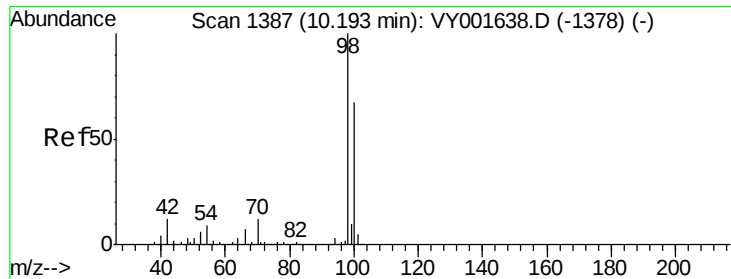
Abundance

Ion 116.80 (116.50 to 117.50): VY001683.D (-966) (-)

Ion 118.80 (118.50 to 119.50): VY001683.D (-966) (-)

Ion 120.80 (120.50 to 121.50): VY001683.D (-966) (-)





#50

Toluene-d8

Concen: 53.928 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

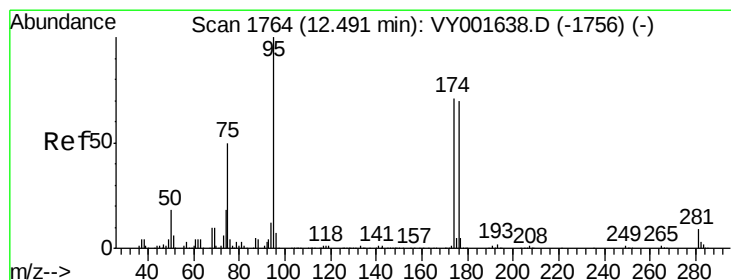
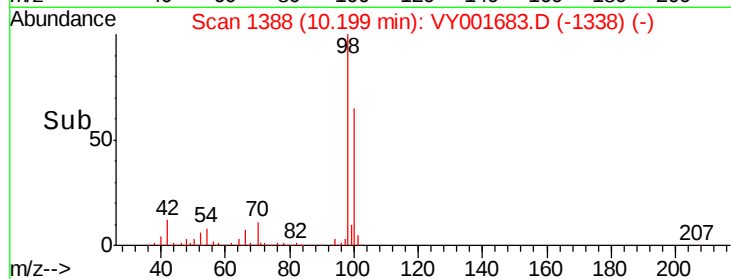
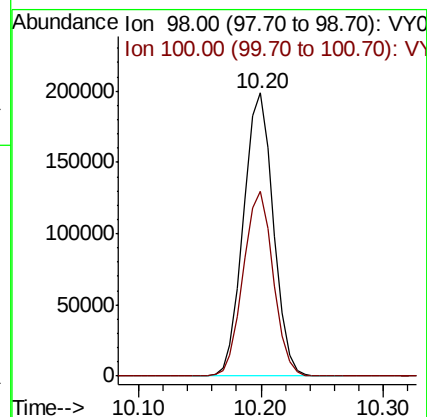
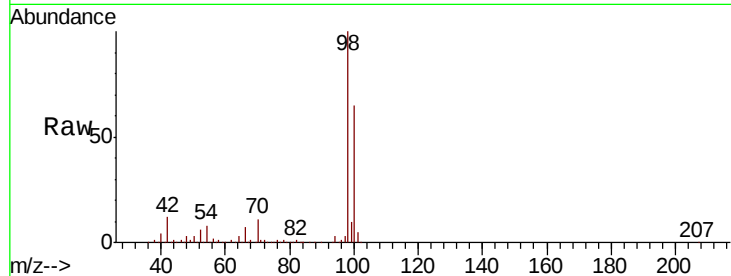
MARCY-GREEN-BH-03-C

Tot Ion: 98 Resp: 336755

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 47.218 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

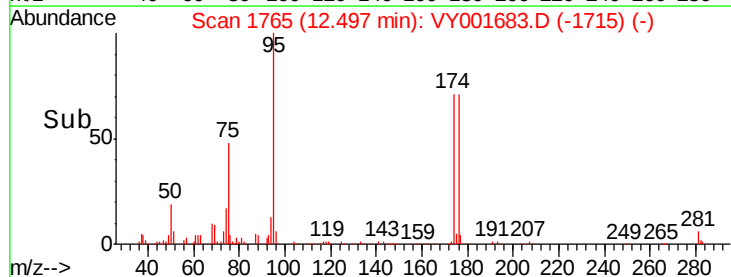
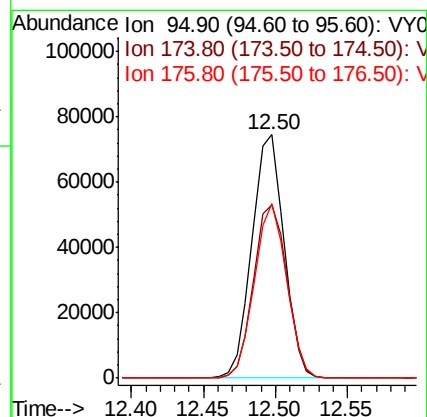
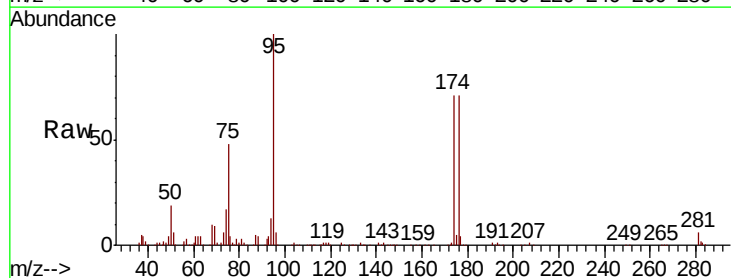
Tgt Ion: 95 Resp: 114548

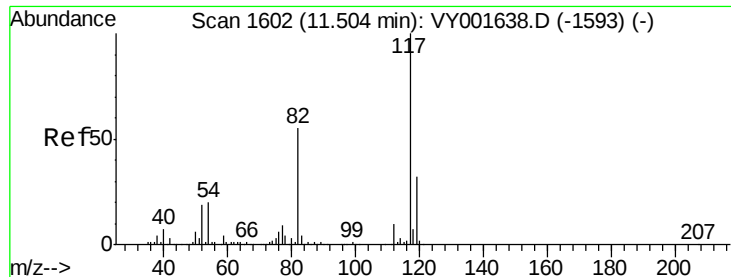
Ion Ratio Lower Upper

95 100

174 74.3 0.0 138.4

176 71.8 0.0 131.8

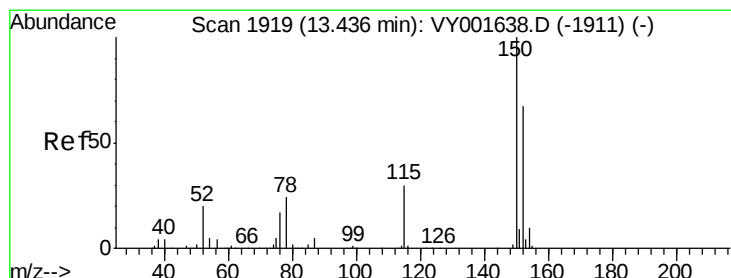
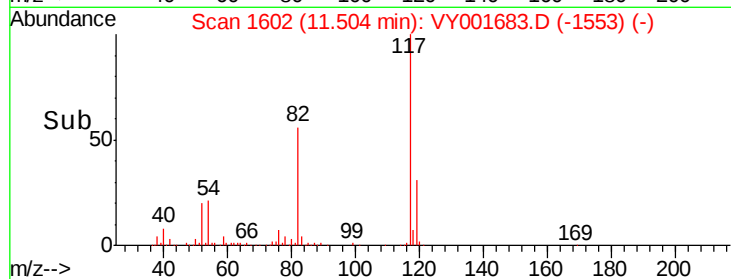
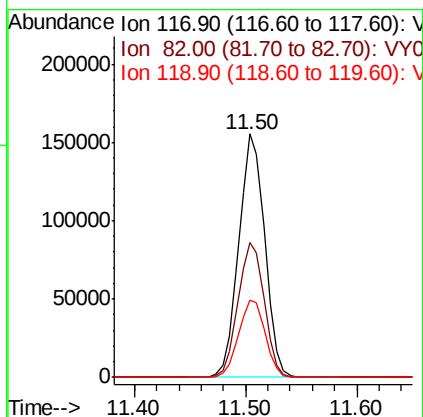
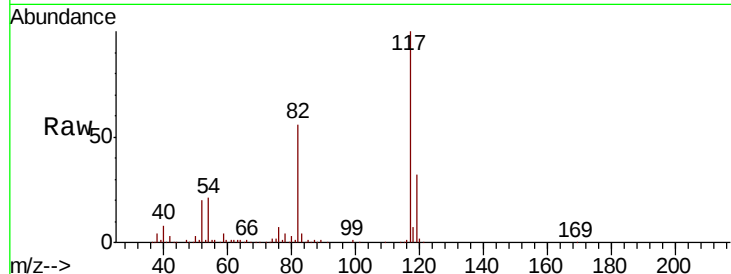




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001683.D
Acq: 18 Feb 2020 19:47

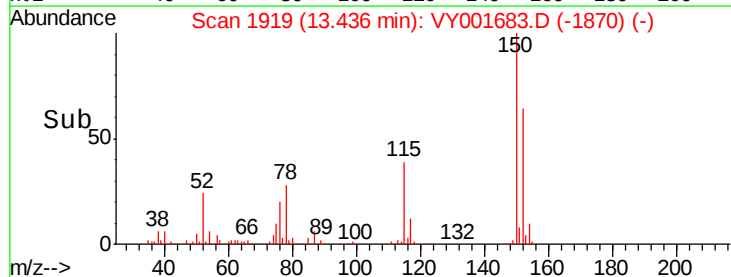
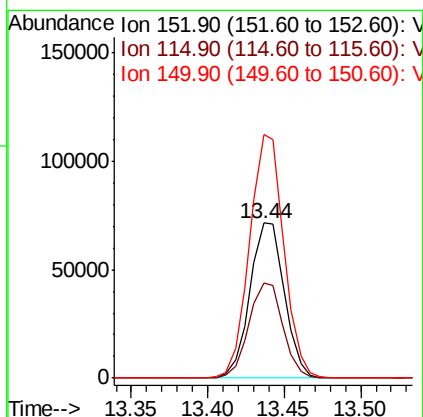
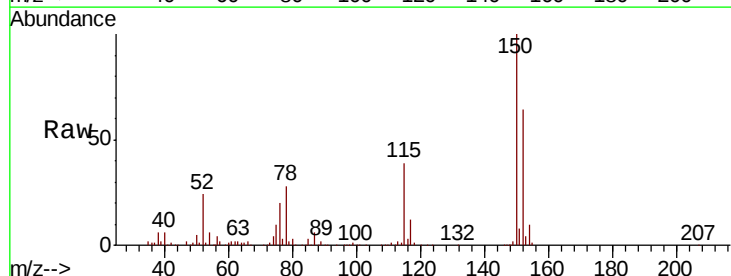
Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-03-C

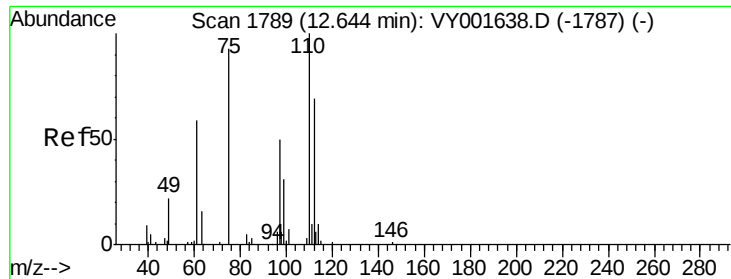
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.5	68.3
119	31.5	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001683.D
Acq: 18 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.4	94.2
150	155.2	0.0	407.2





#76

1,2,3-Trichloropropane

Concen: 45.211 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

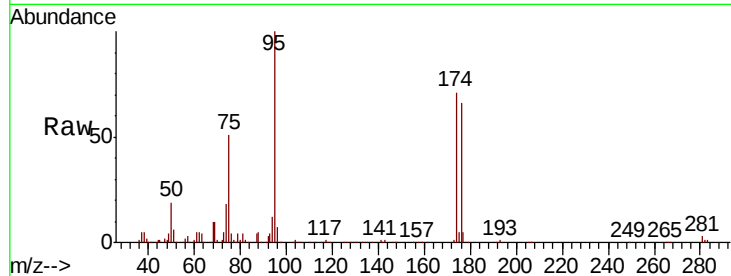
MARCY-GREEN-BH-03-C

Tot Ion: 75 Resp: 58358

Ion Ratio Lower Upper

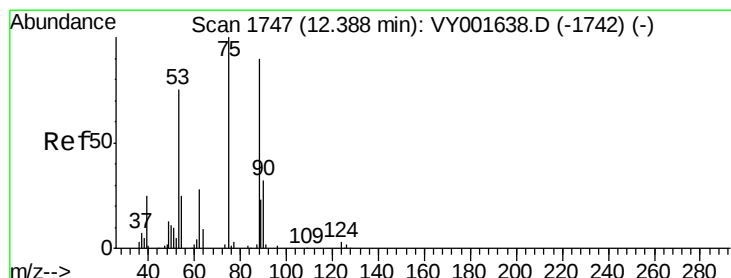
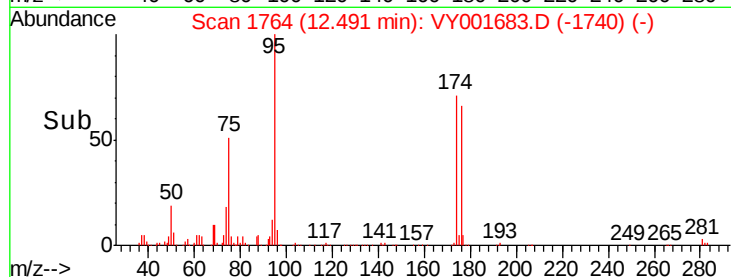
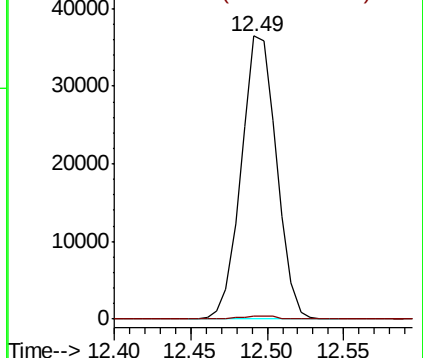
75 100

77 1.1 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: 85.773 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

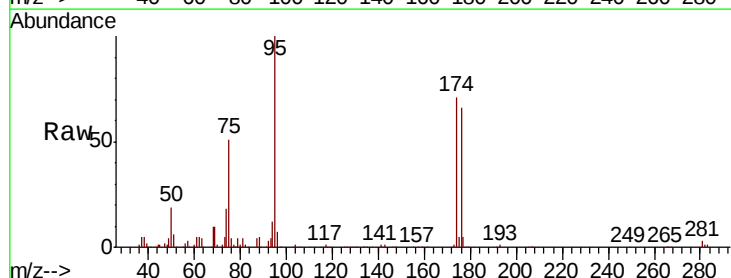
Tgt Ion: 75 Resp: 58358

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.1 36.3 54.5#



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

