

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001679.D
 Acq On : 18 Feb 2020 18:18
 Operator : SY/MD
 Sample : L1547-11
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-02-B

Quant Time: Feb 19 06:48:08 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	153365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	279753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	257907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116188	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	93877	56.91	ug/l	0.00
Spiked Amount			Recovery	=	113.82%	
35) Dibromofluoromethane	7.75	113	82729	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
50) Toluene-d8	10.20	98	342102	54.50	ug/l	0.00
Spiked Amount			Recovery	=	109.00%	
62) 4-Bromofluorobenzene	12.49	95	117126	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	

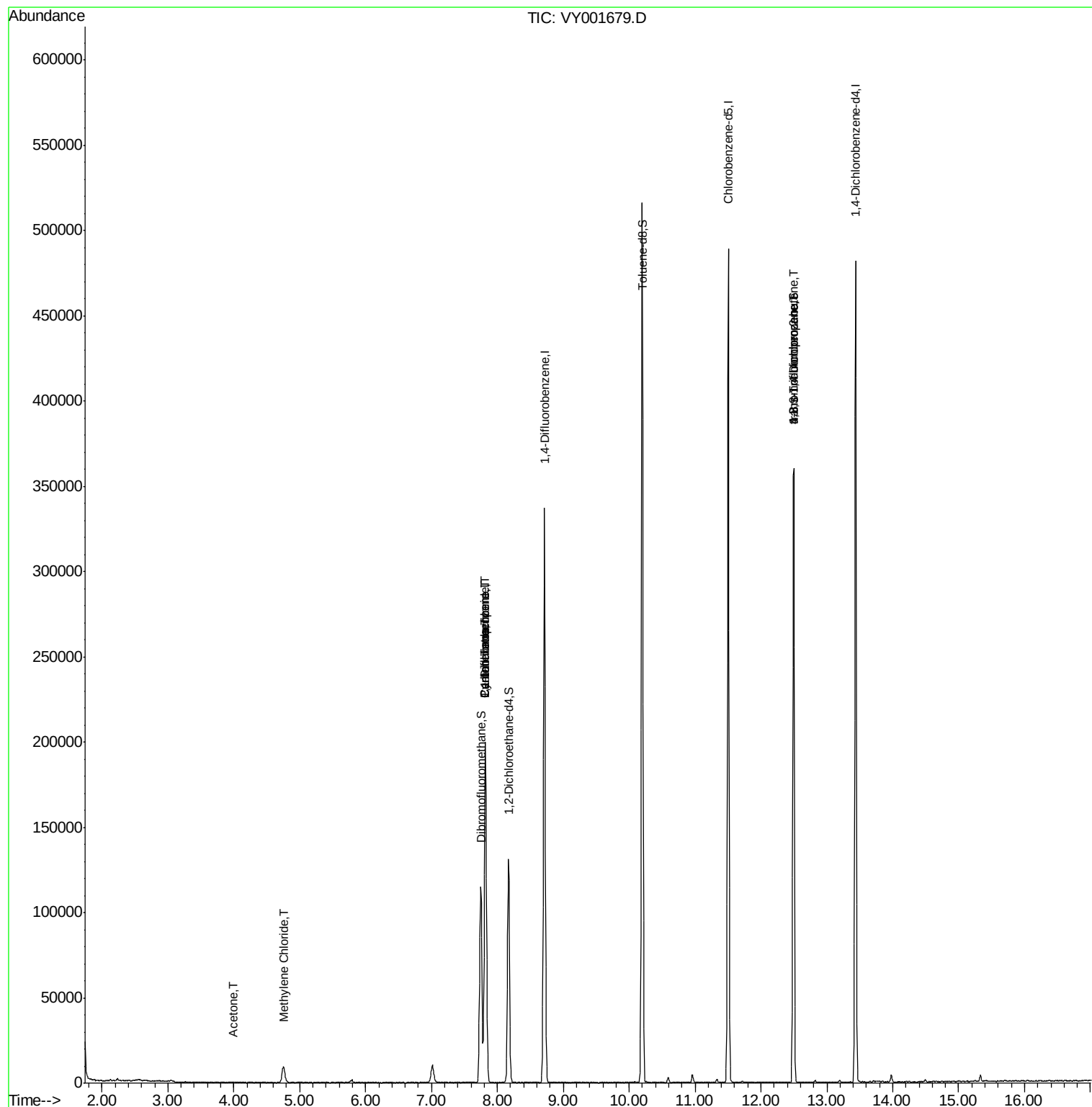
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	501	Below Cal	#	74
16) Acetone	3.99	43	797	1.396	ug/l	99
20) Methylene Chloride	4.75	84	7093	3.498	ug/l	90
31) Cyclohexane	7.82	56	3912	1.129	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	12666	4.740	ug/l #	51
38) Carbon Tetrachloride	7.82	117	15618	6.654	ug/l #	18
76) 1,2,3-Trichloropropane	12.49	75	60701	45.543	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	60701	86.403	ug/l #	17

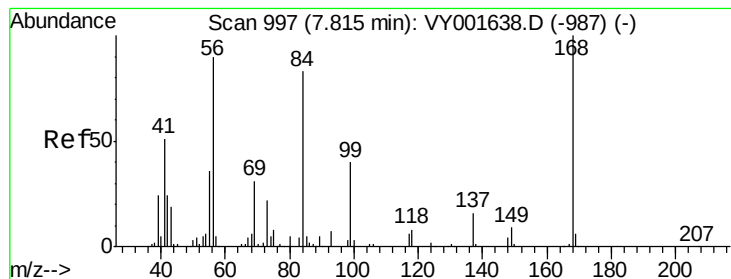
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001679.D

Acq: 18 Feb 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

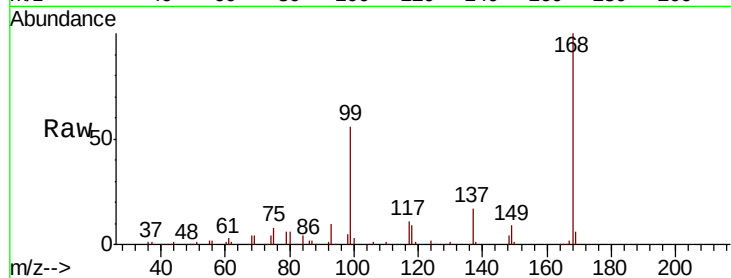
MARCY-GREEN-BH-02-B

Tot Ion:168 Resp: 153365

Ion Ratio Lower Upper

168 100

99 55.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001679.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001679.D (-948) (-)

7.82

60000

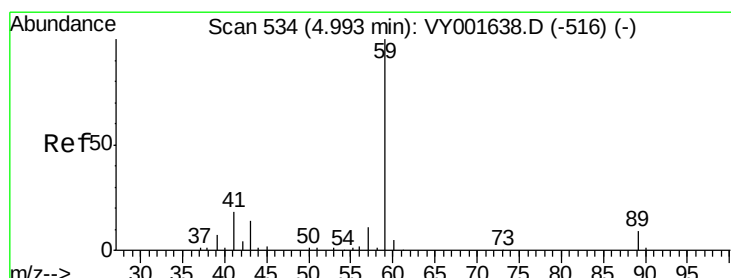
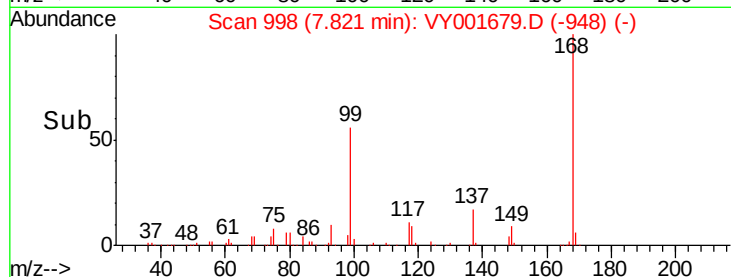
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001679.D

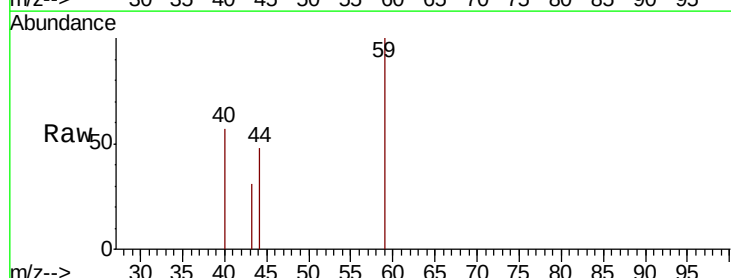
Acq: 18 Feb 2020 18:18

Tgt Ion: 59 Resp: 501

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001679.D (-485) (-)

Ion 57.00 (56.70 to 57.70): VY001679.D (-485) (-)

4.99

300

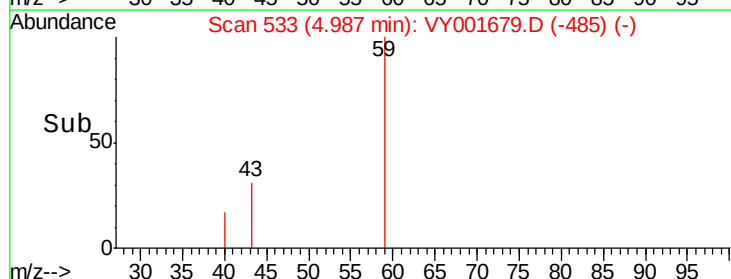
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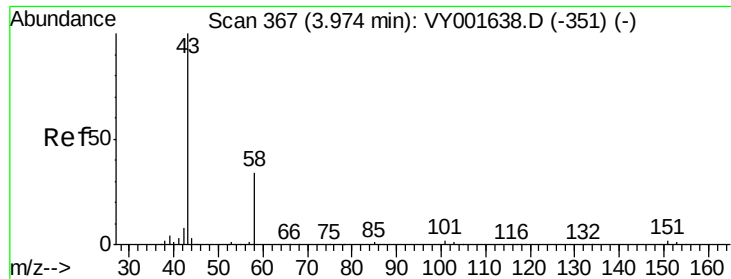
100

0

4.94 4.96 4.98 5.00

Time-->





#16

Acetone

Concen: 1.396 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001679.D

Acq: 18 Feb 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

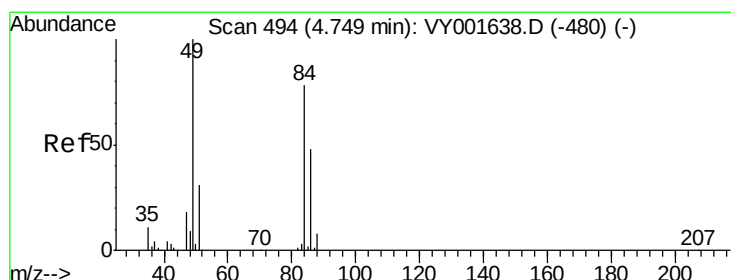
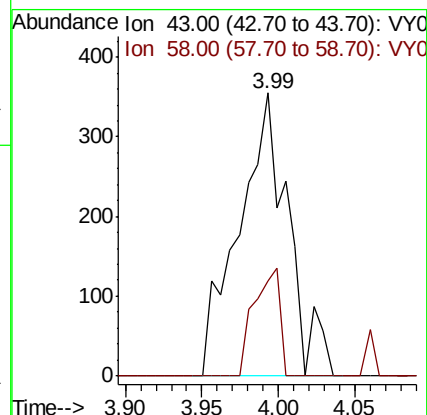
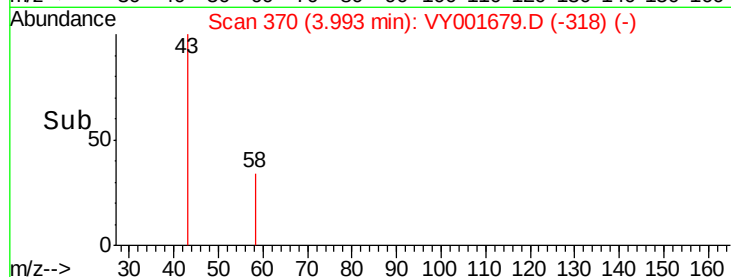
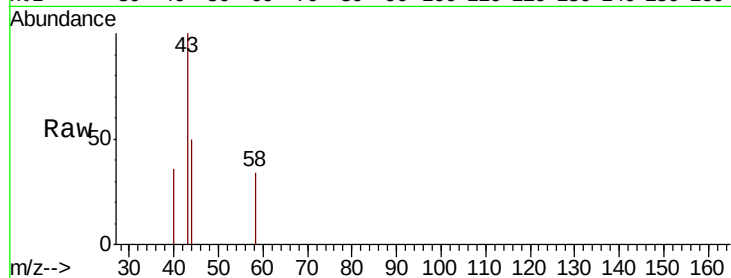
MARCY-GREEN-BH-02-B

Tot Ion: 43 Resp: 797

Ion Ratio Lower Upper

43 100

58 33.5 27.3 40.9



#20

Methylene Chloride

Concen: 3.498 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.00 min

Lab File: VY001679.D

Acq: 18 Feb 2020 18:18

Tgt Ion: 84 Resp: 7093

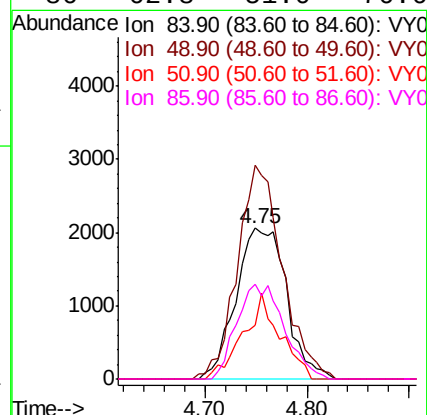
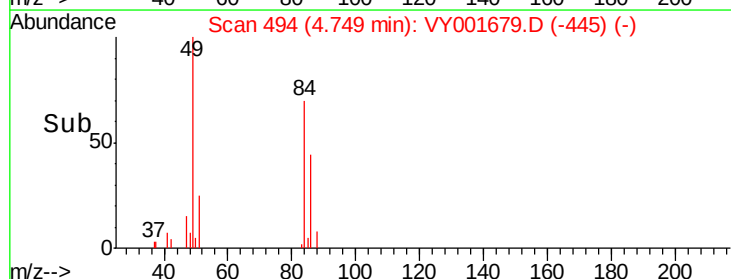
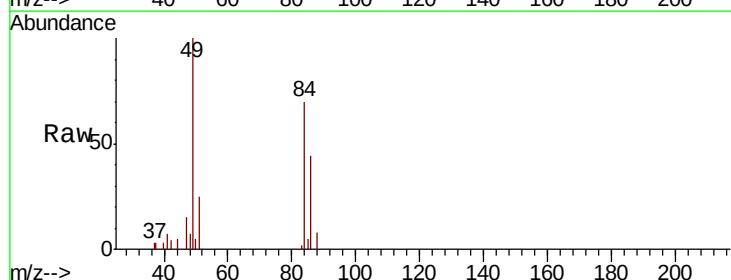
Ion Ratio Lower Upper

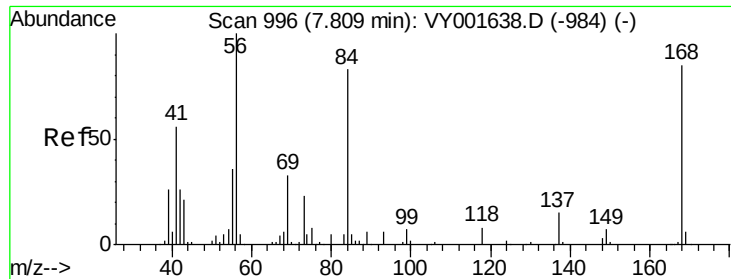
84 100

49 141.9 99.2 148.8

51 36.1 31.5 47.3

86 62.8 51.0 76.6

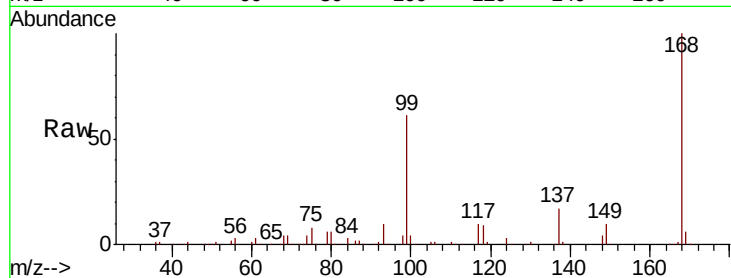




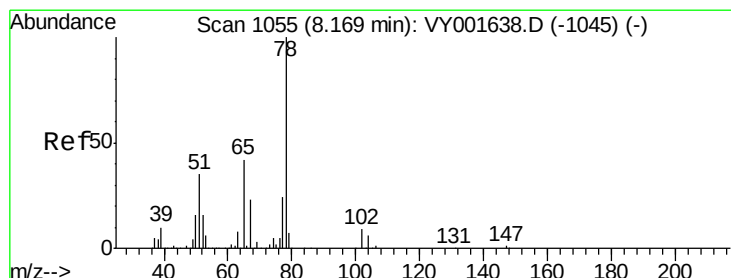
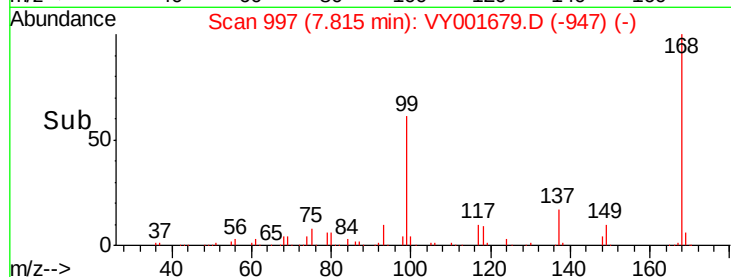
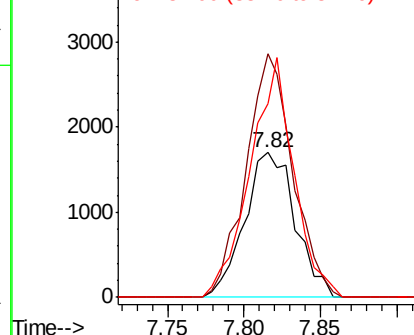
#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001679.D
Acq: 18 Feb 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-02-B

Tot Ion: 56 Resp: 3912
Ion Ratio Lower Upper
56 100
69 168.0 25.1 37.7#
84 134.0 66.9 100.3#

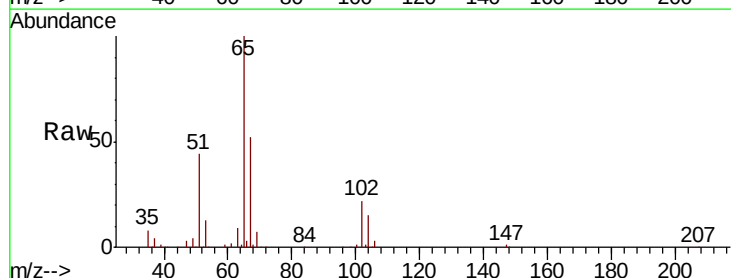


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

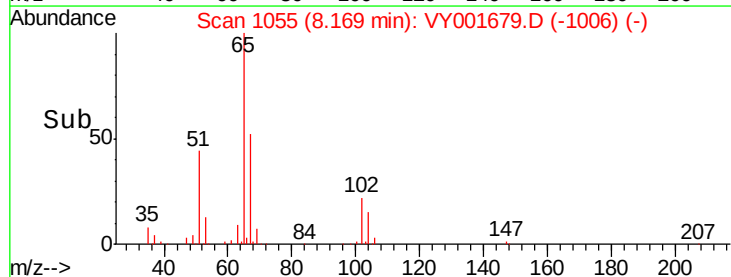
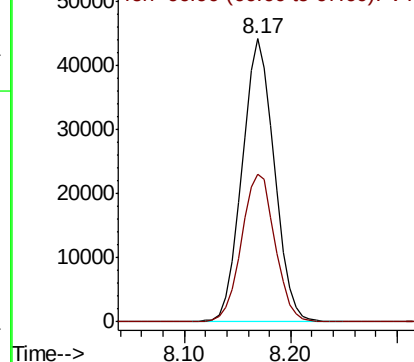


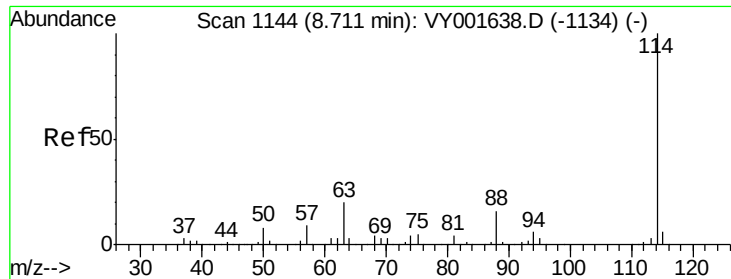
#33
1,2-Dichloroethane-d4
Concen: 56.907 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001679.D
Acq: 18 Feb 2020 18:18

Tgt Ion: 65 Resp: 93877
Ion Ratio Lower Upper
65 100
67 54.5 0.0 111.0



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

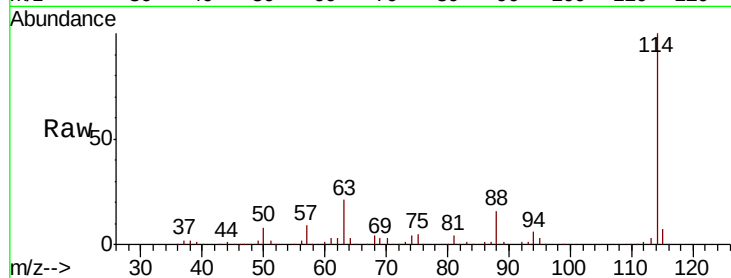




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001679.D
 Acq: 18 Feb 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-02-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.4
88	16.0	0.0	32.8

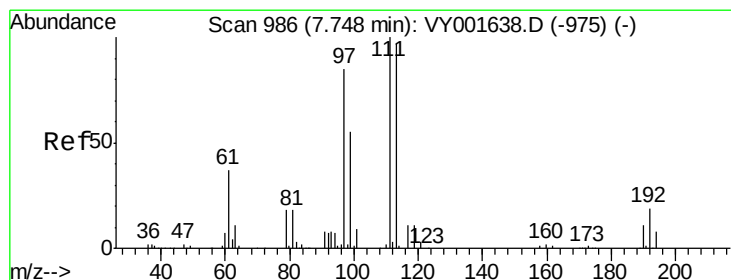
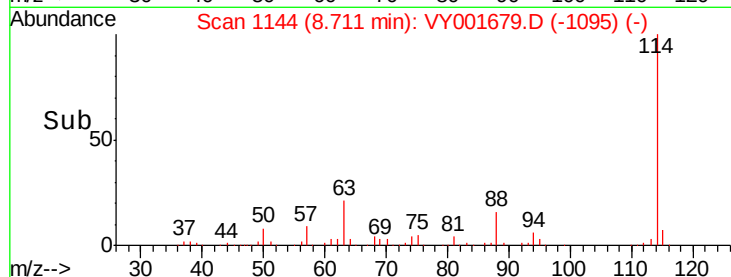
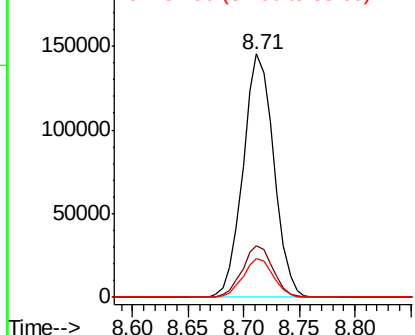


Abundance

Ion 113.90 (113.60 to 114.60): V

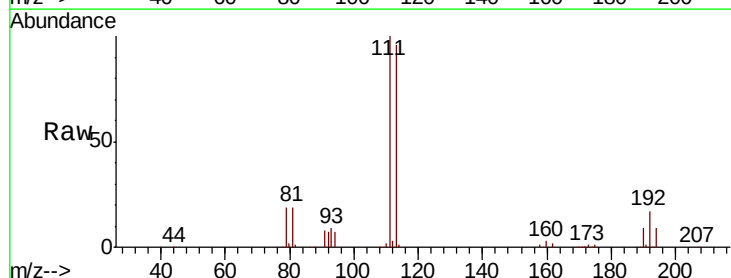
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 51.631 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001679.D
 Acq: 18 Feb 2020 18:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	18.9	14.3	21.5

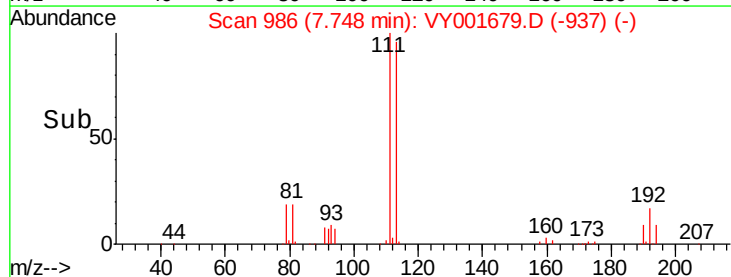
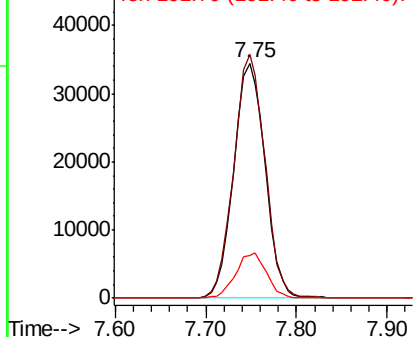


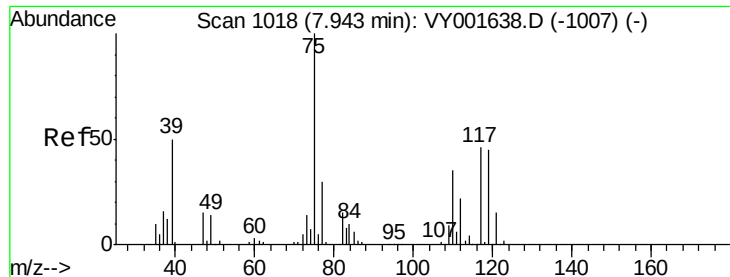
Abundance

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

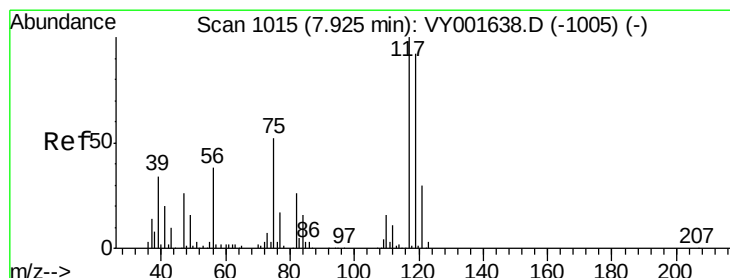
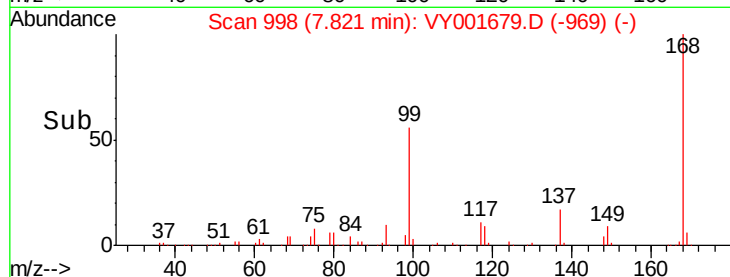
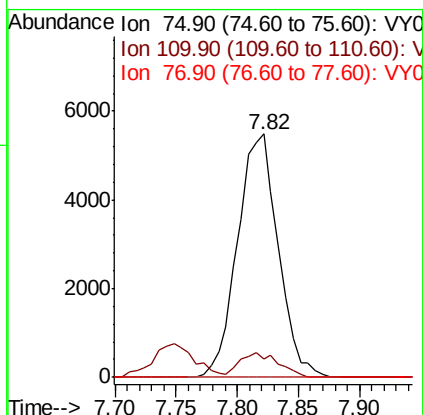
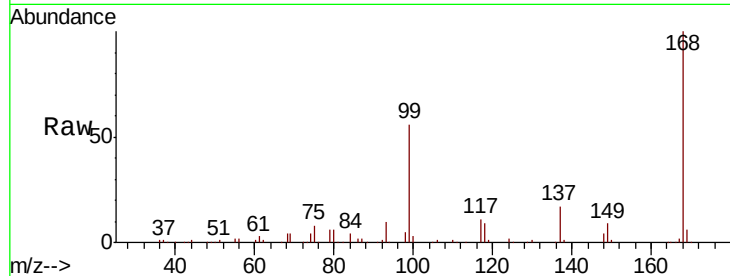




#36
 1,1-Dichloropropene
 Concen: 4.740 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001679.D
 Acq: 18 Feb 2020 18:18

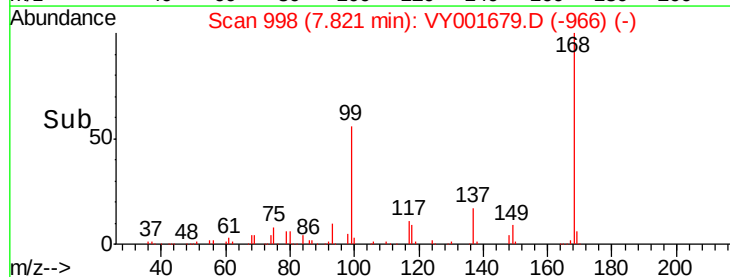
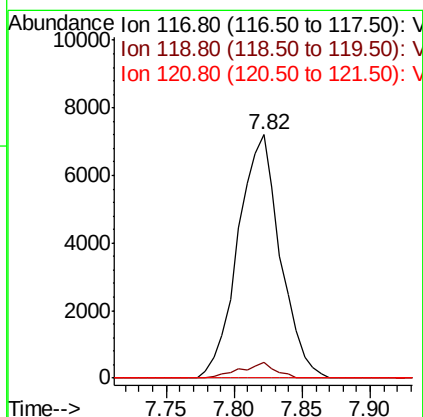
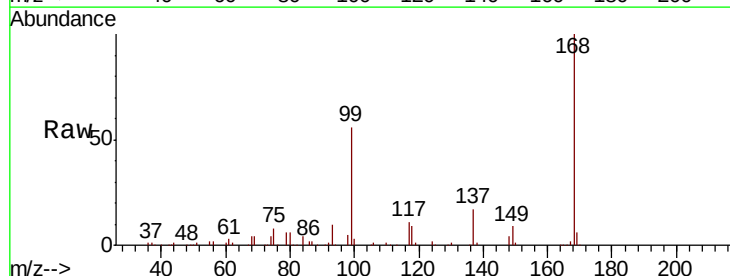
Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-02-B

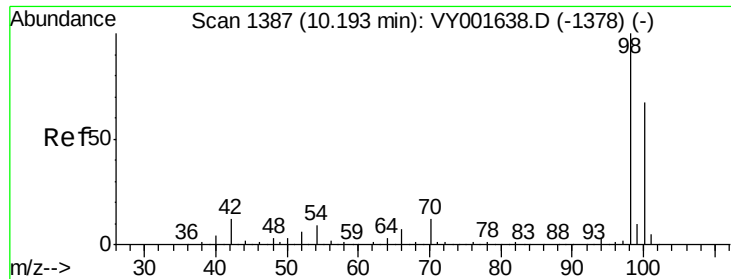
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.2	51.6#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.654 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001679.D
 Acq: 18 Feb 2020 18:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	74.8	112.2#
121	0.0	23.8	35.6#





#50

Toluene-d8

Concen: 54.498 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001679.D

Acq: 18 Feb 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

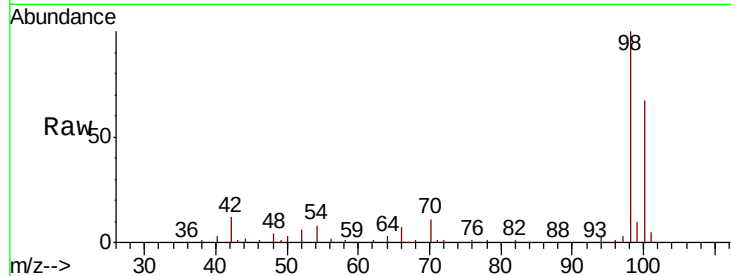
MARCY-GREEN-BH-02-B

Tot Ion: 98 Resp: 342102

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001679.D (-1338) (-)

10.20

200000

150000

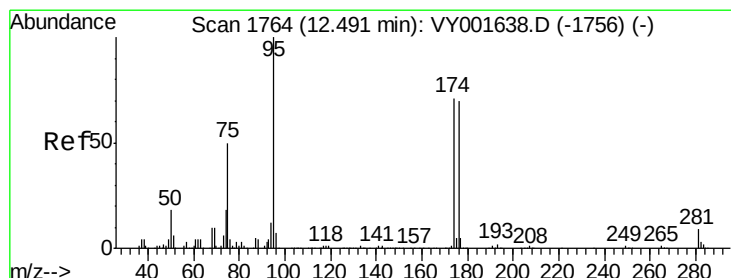
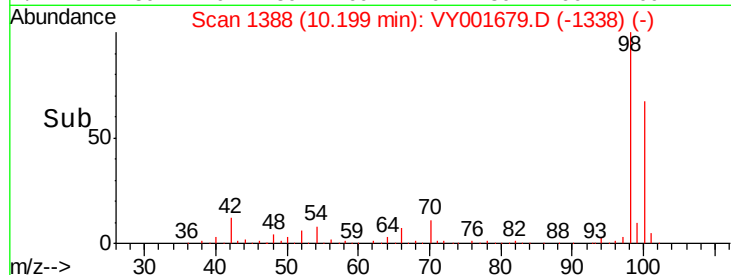
100000

50000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 48.028 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001679.D

Acq: 18 Feb 2020 18:18

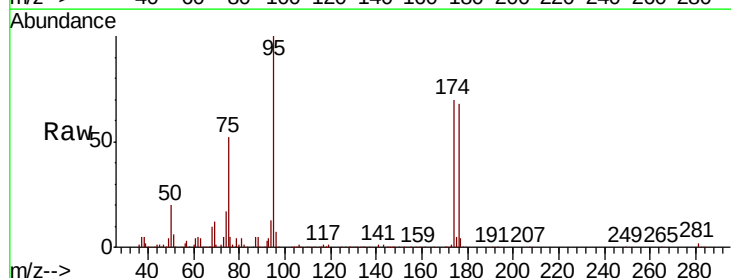
Tgt Ion: 95 Resp: 117126

Ion Ratio Lower Upper

95 100

174 74.8 0.0 138.4

176 71.4 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001679.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001679.D (-1715) (-)

100000

80000

60000

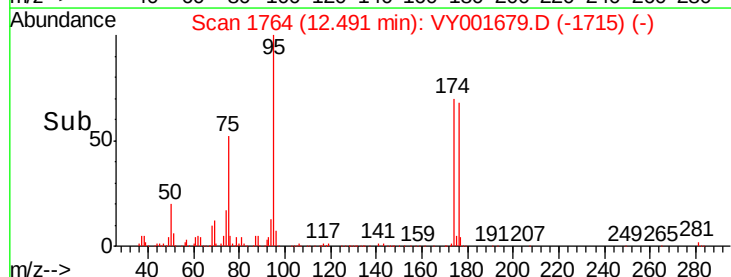
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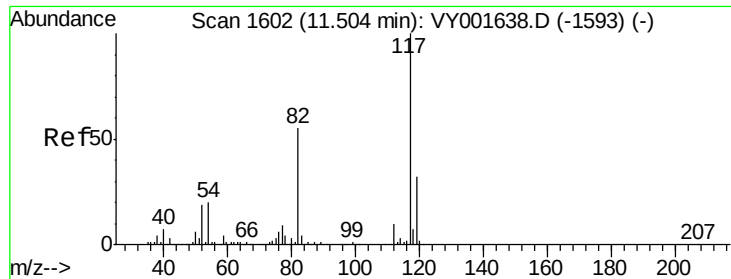
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Time-->

12.40 12.45 12.50 12.55

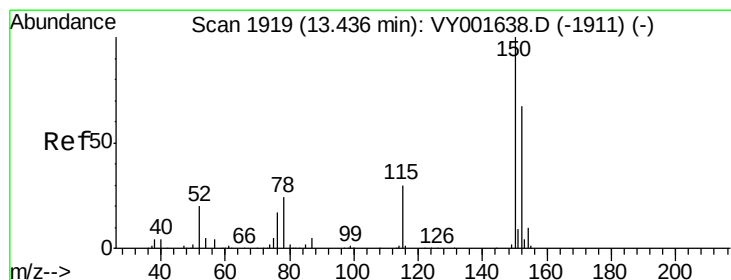
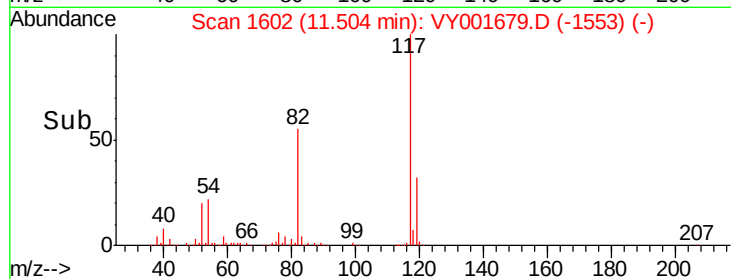
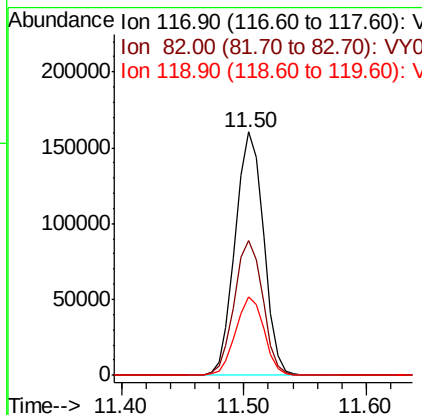
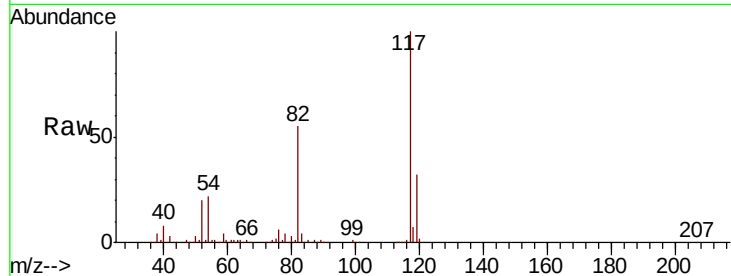




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001679.D
Acq: 18 Feb 2020 18:18

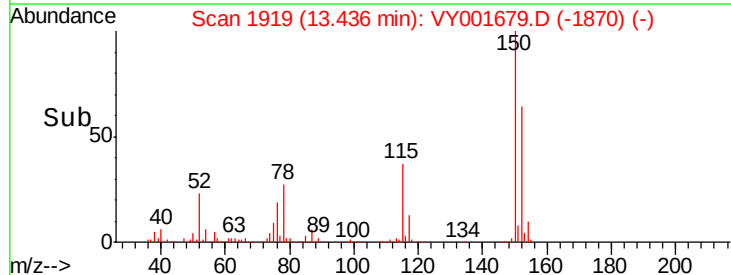
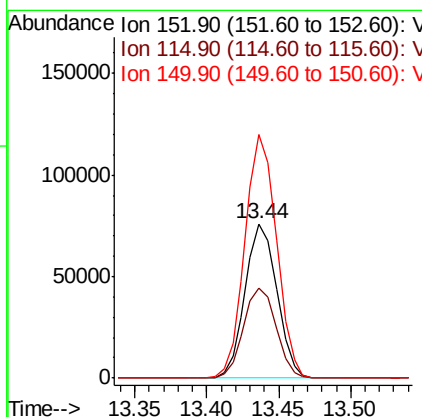
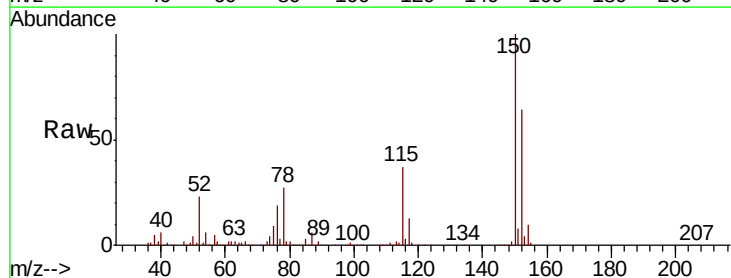
Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-02-B

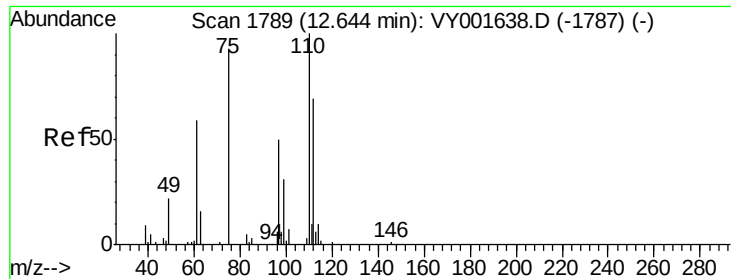
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.5	68.3
119	32.3	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001679.D
Acq: 18 Feb 2020 18:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.4	94.2
150	156.3	0.0	407.2





#76

1,2,3-Trichloropropane

Concen: 45.543 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001679.D

Acq: 18 Feb 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

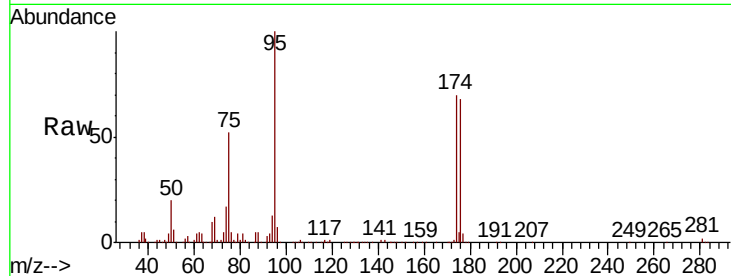
MARCY-GREEN-BH-02-B

Tot Ion: 75 Resp: 60701

Ion Ratio Lower Upper

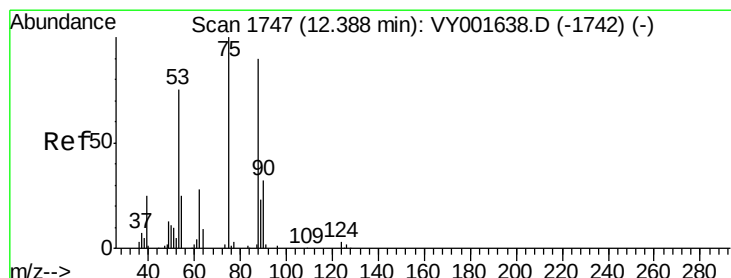
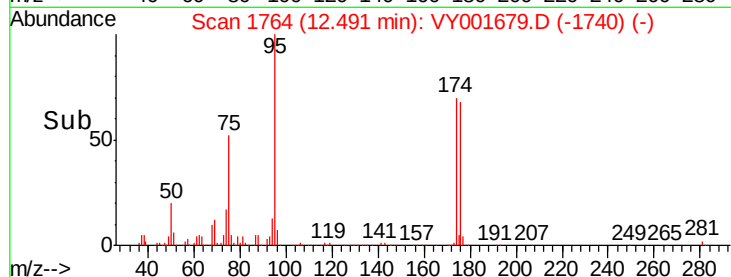
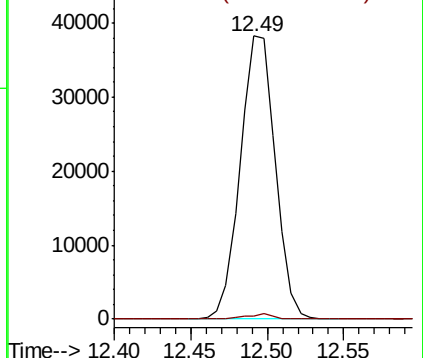
75 100

77 1.4 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: 86.403 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001679.D

Acq: 18 Feb 2020 18:18

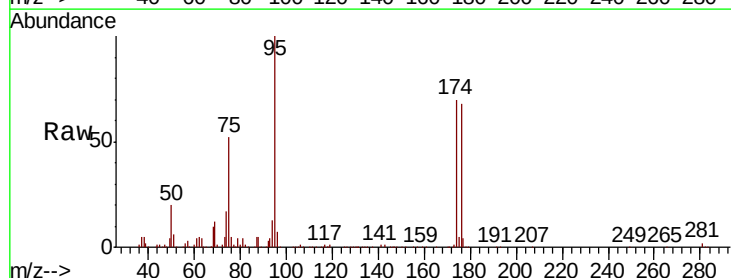
Tgt Ion: 75 Resp: 60701

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.2 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

