

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001680.D
 Acq On : 18 Feb 2020 18:40
 Operator : SY/MD
 Sample : L1547-12
 Misc : 5.61G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Feb 19 06:48:17 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	131730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	242001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	219186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	99953	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	78365	55.31	ug/l	0.00
Spiked Amount			Recovery	=	110.62%	
35) Dibromofluoromethane	7.75	113	69469	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
50) Toluene-d8	10.20	98	286203	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.49	95	99490	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	

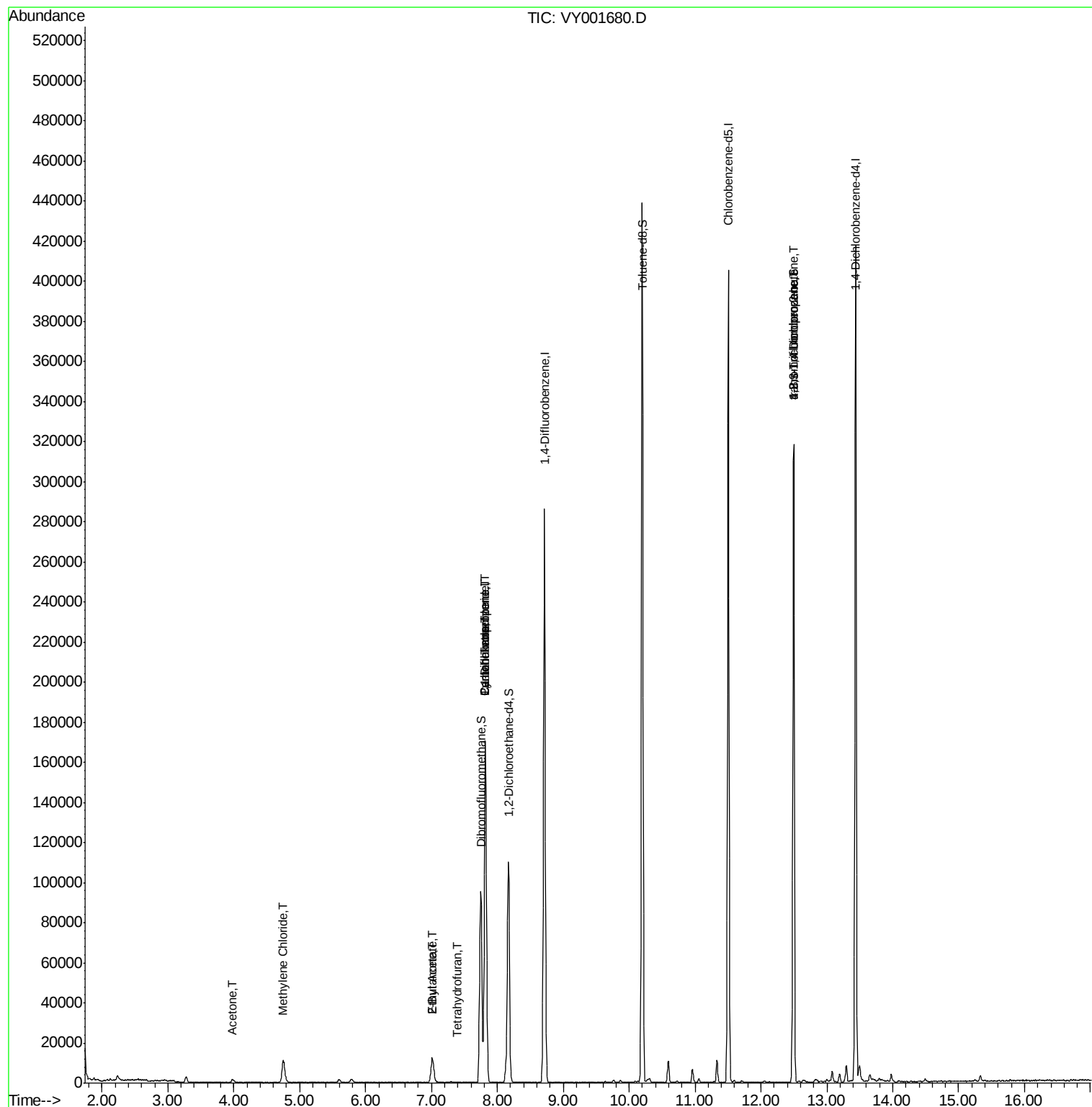
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	417	Below Cal	#	74
16) Acetone	3.99	43	3056	6.233	ug/l	98
20) Methylene Chloride	4.75	84	7659	4.398	ug/l	92
25) 2-Butanone	7.02	43	1434	2.153	ug/l #	81
29) Tetrahydrofuran	7.39	42	437	1.086	ug/l #	47
31) Cyclohexane	7.82	56	3178	1.068	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	10695	4.627	ug/l #	50
37) Ethyl Acetate	7.02	43	1434	1.039	ug/l #	51
38) Carbon Tetrachloride	7.82	117	12835	6.321	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	51086	44.555	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	51086	84.528	ug/l #	17

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

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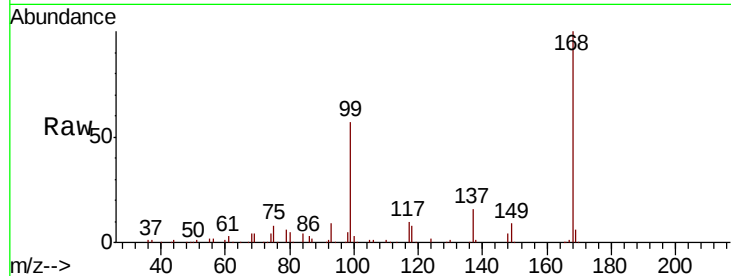




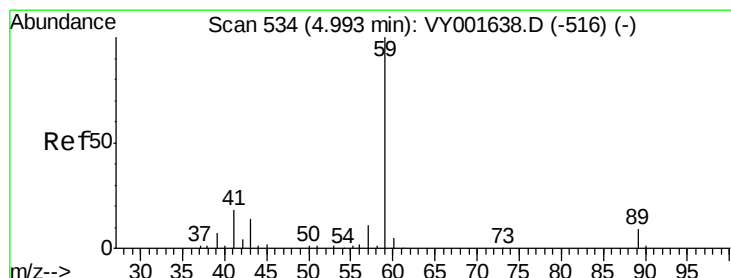
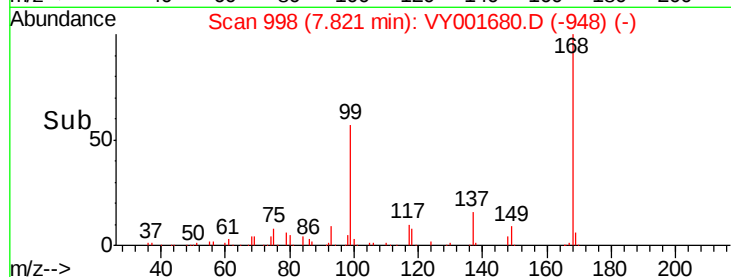
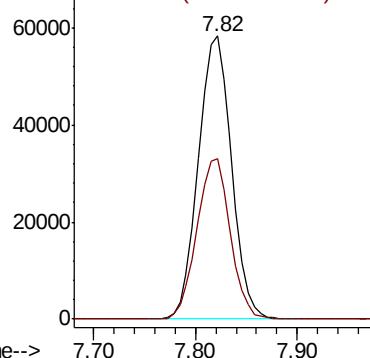
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001680.D
Acq: 18 Feb 2020 18:40

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

Tot Ion:168 Resp: 131730
Ion Ratio Lower Upper
168 100
99 56.7 47.5 71.3

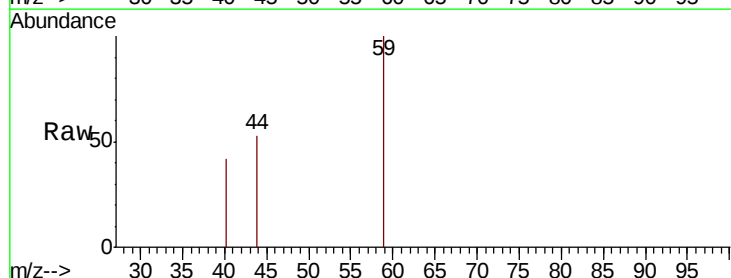


Abundance Ion 167.90 (167.60 to 168.60): VY001680.D (-948) (-)
Ion 98.90 (98.60 to 99.60): VY001680.D (-948) (-)

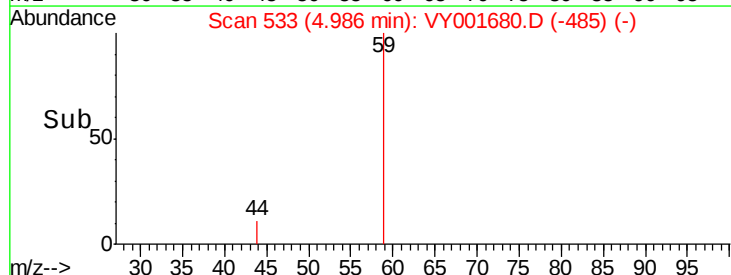
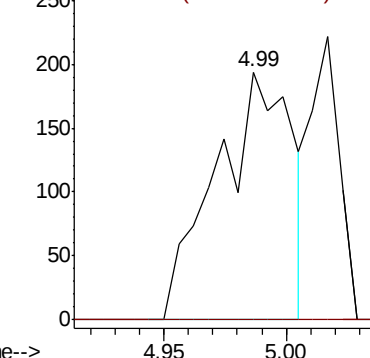


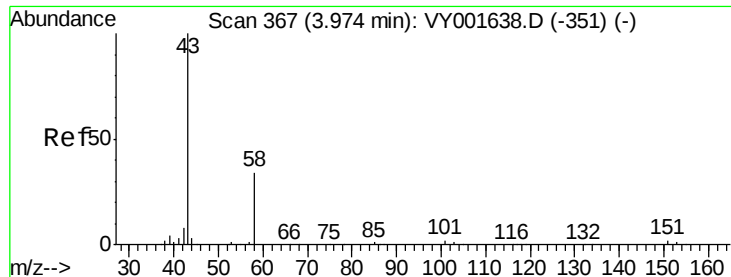
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001680.D
Acq: 18 Feb 2020 18:40

Tgt Ion: 59 Resp: 417
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001680.D (-485) (-)
Ion 57.00 (56.70 to 57.70): VY001680.D (-485) (-)





#16

Acetone

Concen: 6.233 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001680.D

Acq: 18 Feb 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

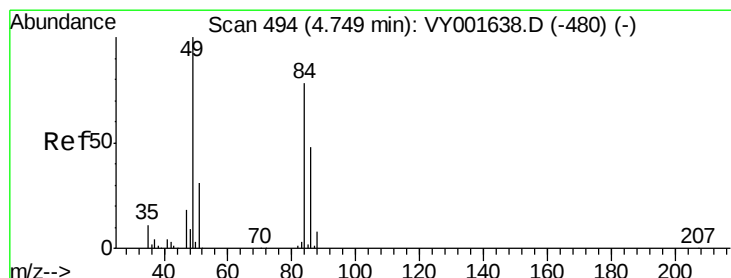
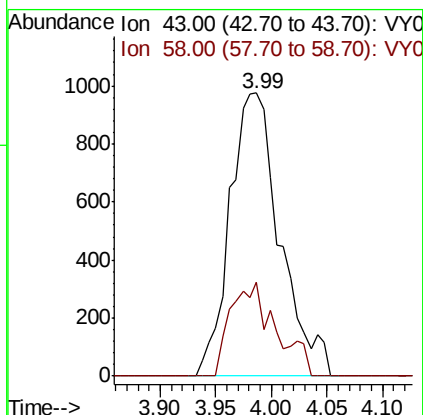
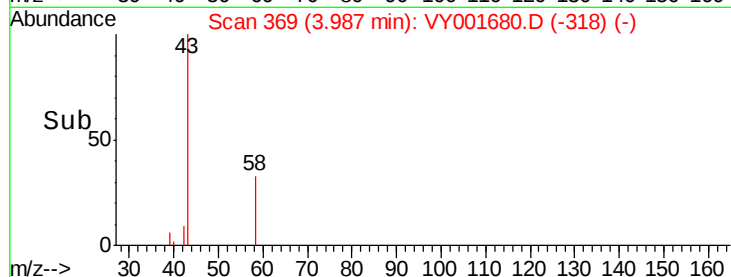
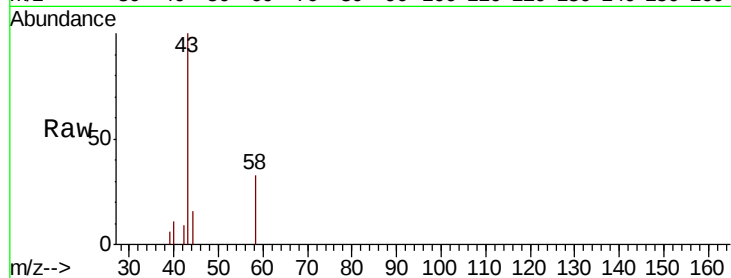
MARCY-GREEN-BH-02-C

Tot Ion: 43 Resp: 3056

Ion Ratio Lower Upper

43 100

58 33.2 27.3 40.9



#20

Methylene Chloride

Concen: 4.398 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.00 min

Lab File: VY001680.D

Acq: 18 Feb 2020 18:40

Tgt Ion: 84 Resp: 7659

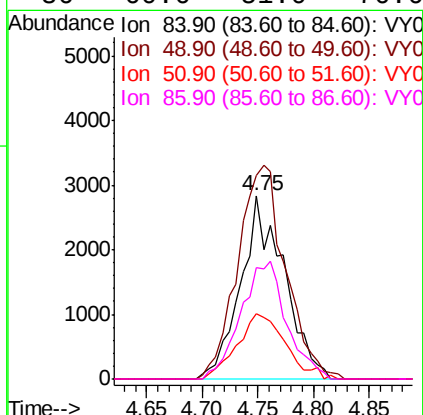
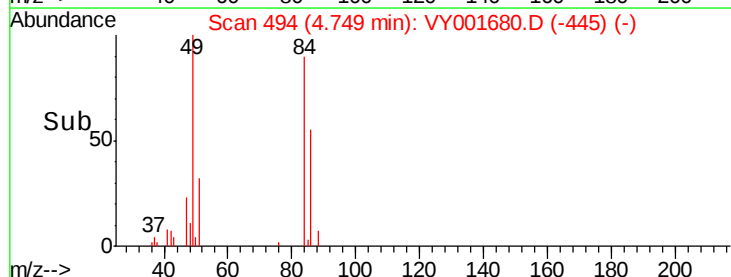
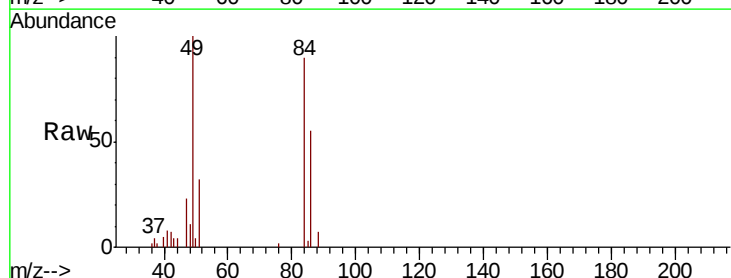
Ion Ratio Lower Upper

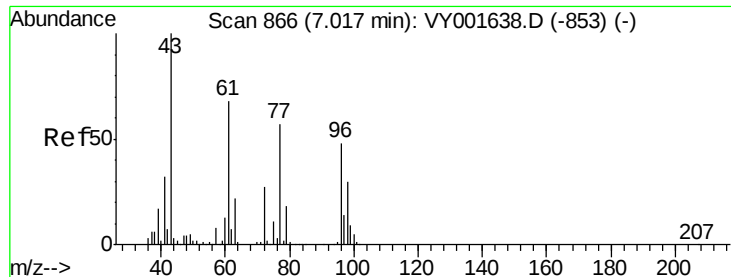
84 100

49 111.1 99.2 148.8

51 35.8 31.5 47.3

86 60.6 51.0 76.6





#25

2-Butanone

Concen: 2.153 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001680.D

Acq: 18 Feb 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

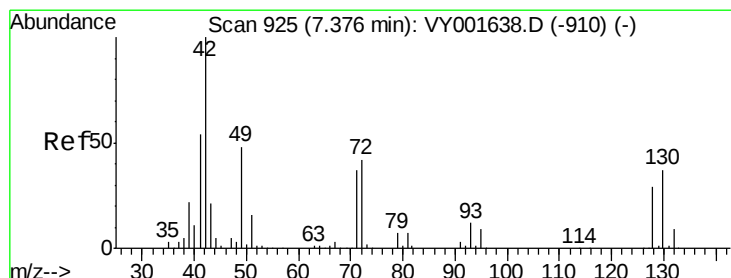
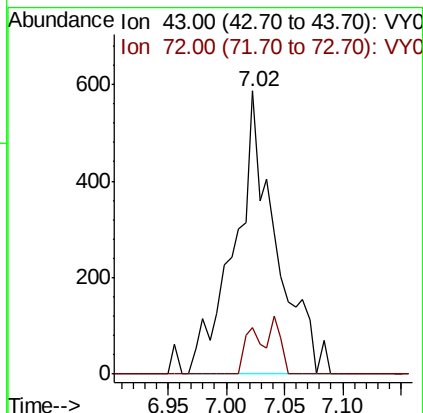
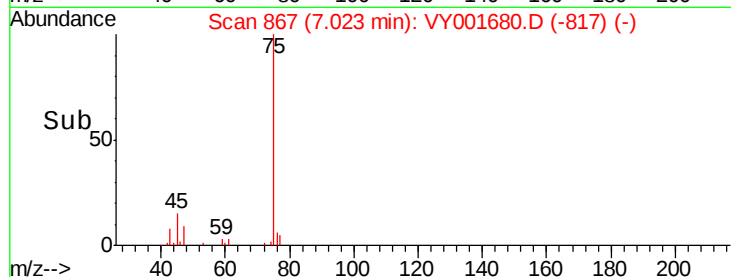
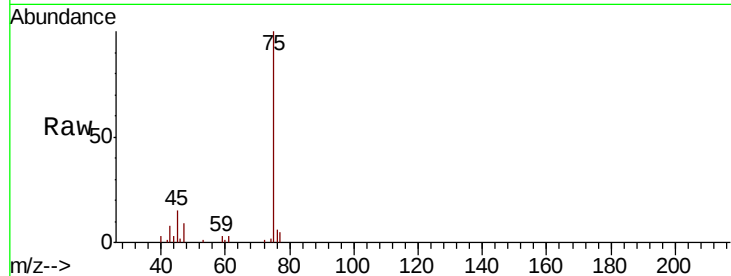
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Tot Ion: 43 Resp: 1434

Ion Ratio Lower Upper

43 100

72 16.5 21.2 31.8#



#29

Tetrahydrofuran

Concen: 1.086 ug/l

RT: 7.39 min Scan# 927

Delta R.T. 0.01 min

Lab File: VY001680.D

Acq: 18 Feb 2020 18:40

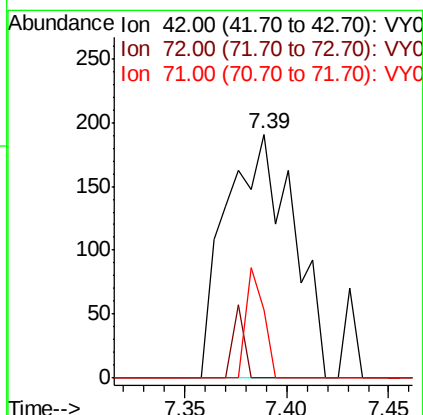
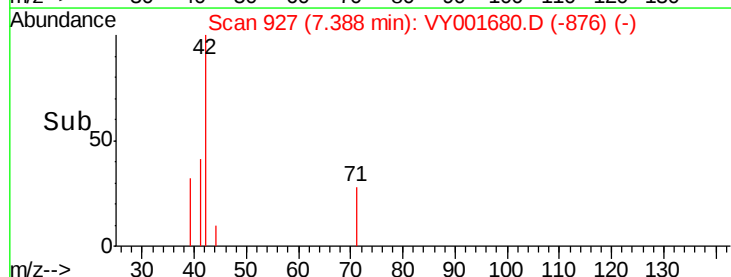
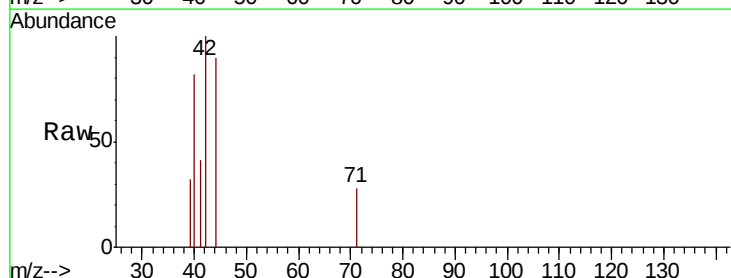
Tgt Ion: 42 Resp: 437

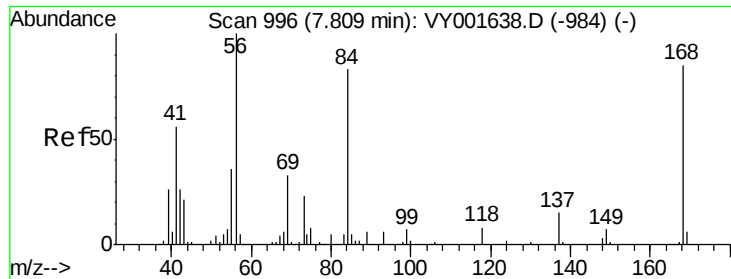
Ion Ratio Lower Upper

42 100

72 4.8 34.4 51.6#

71 11.7 31.8 47.8#

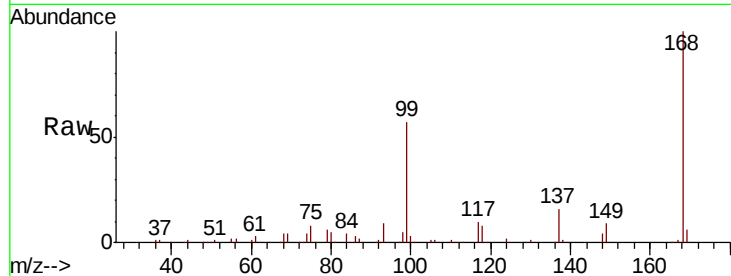




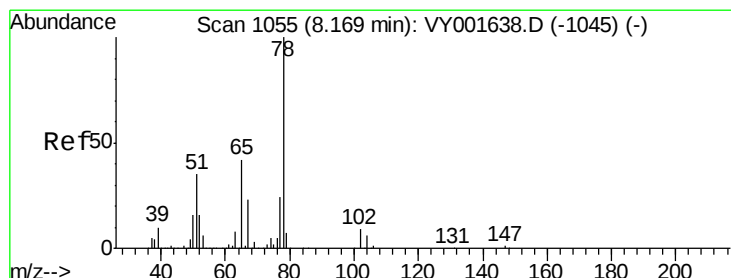
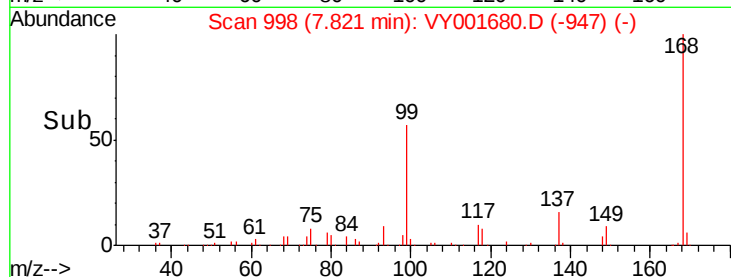
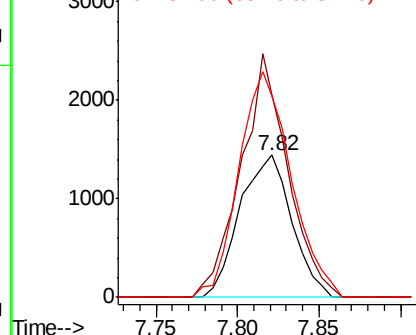
#31
Cyclohexane
Concen: 1.068 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001680.D
Acq: 18 Feb 2020 18:40

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

Tot Ion: 56 Resp: 3178
Ion Ratio Lower Upper
56 100
69 142.2 25.1 37.7#
84 141.4 66.9 100.3#

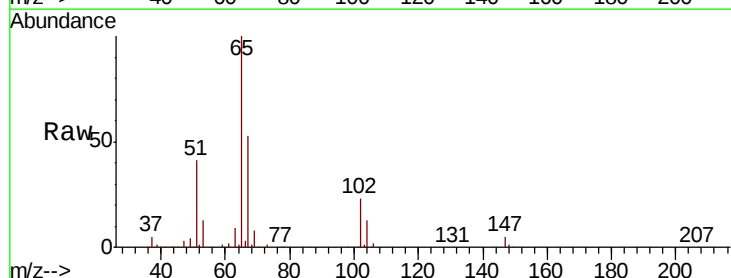


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

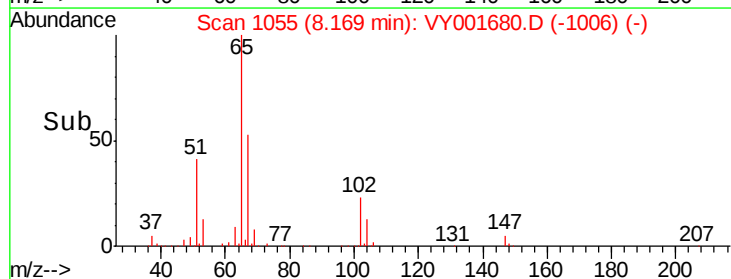
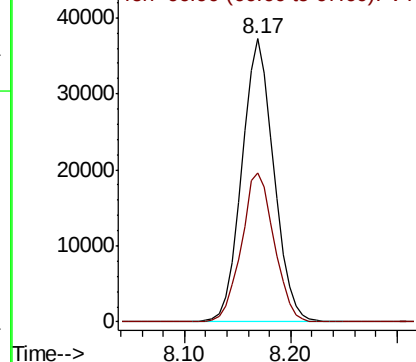


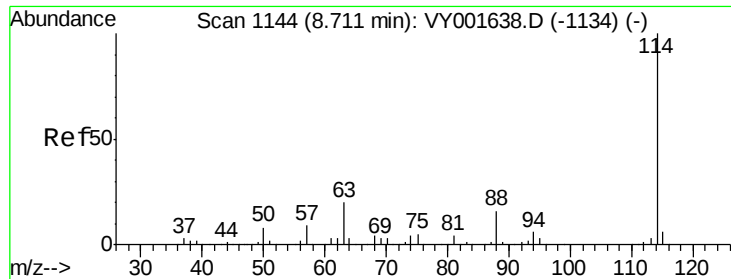
#33
1,2-Dichloroethane-d4
Concen: 55.306 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001680.D
Acq: 18 Feb 2020 18:40

Tgt Ion: 65 Resp: 78365
Ion Ratio Lower Upper
65 100
67 54.0 0.0 111.0



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

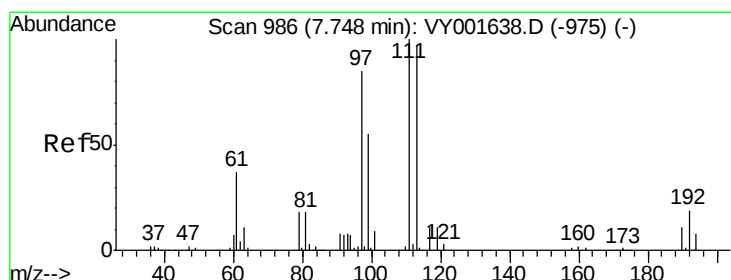
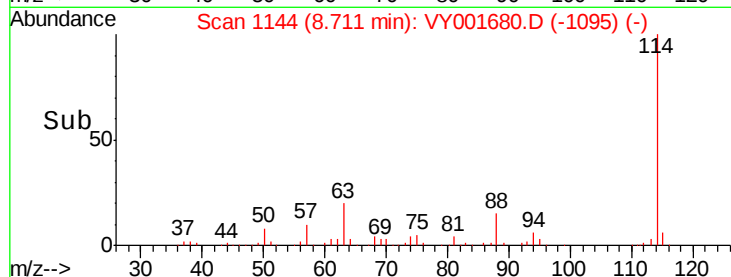
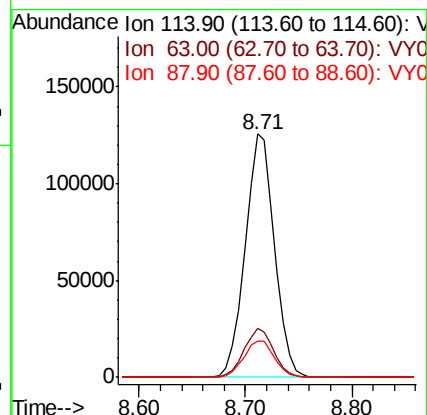
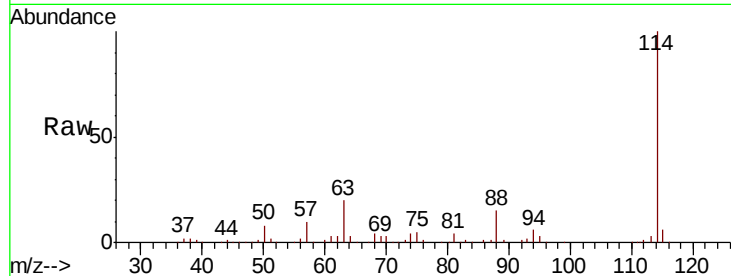




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001680.D
 Acq: 18 Feb 2020 18:40

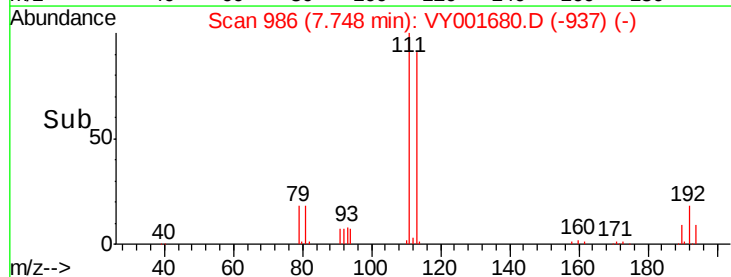
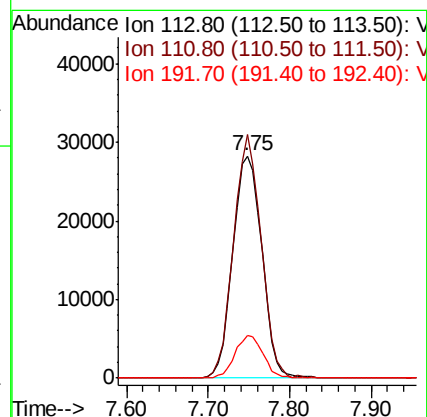
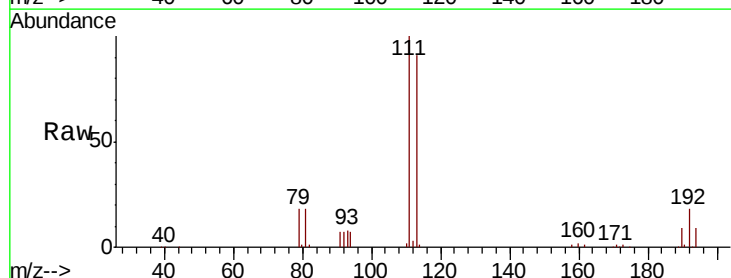
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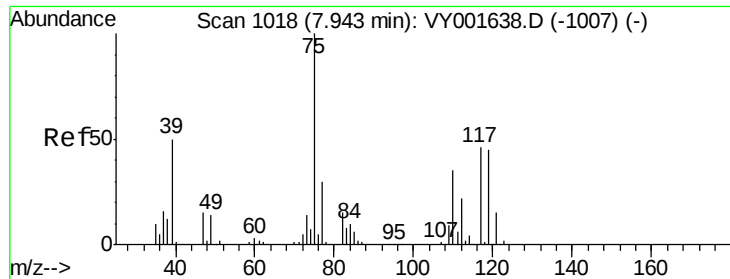
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.4
88	15.0	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 50.119 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001680.D
 Acq: 18 Feb 2020 18:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	18.2	14.3	21.5

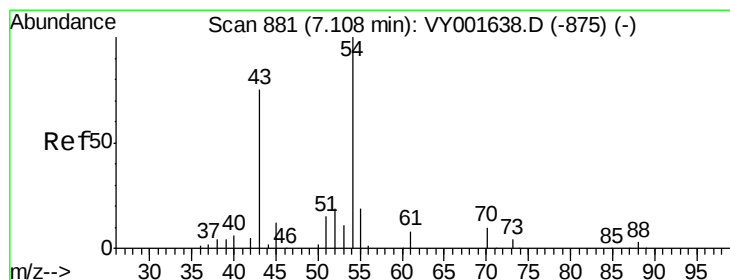
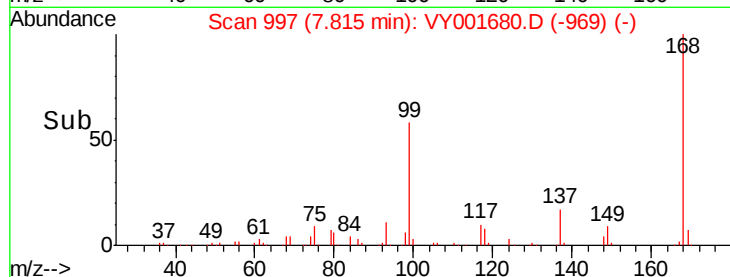
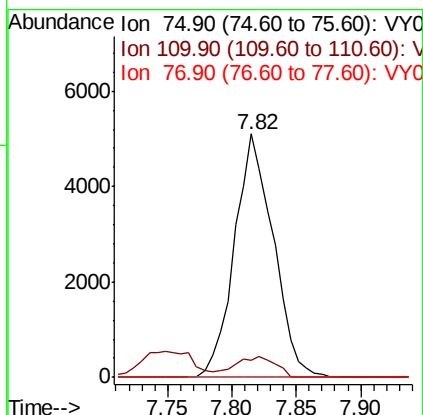
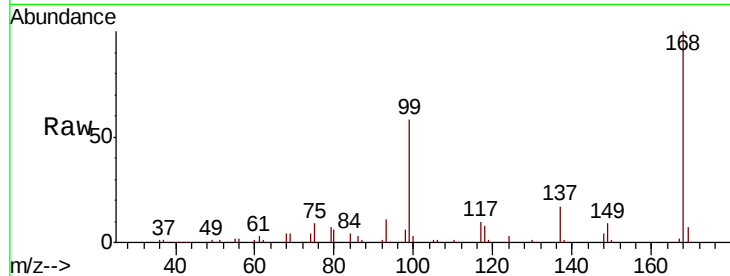




#36
 1,1-Dichloropropene
 Concen: 4.627 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001680.D
 Acq: 18 Feb 2020 18:40

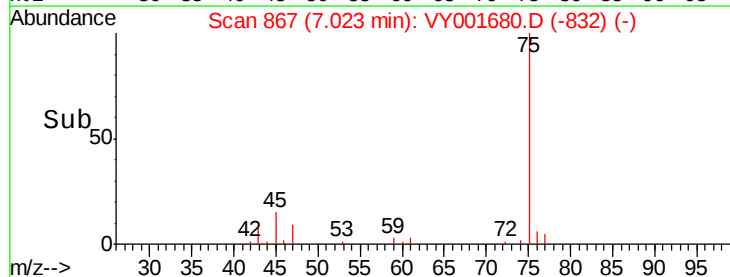
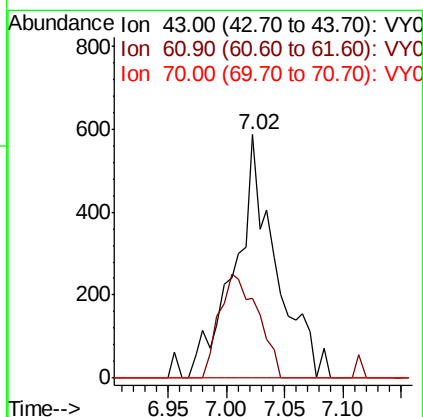
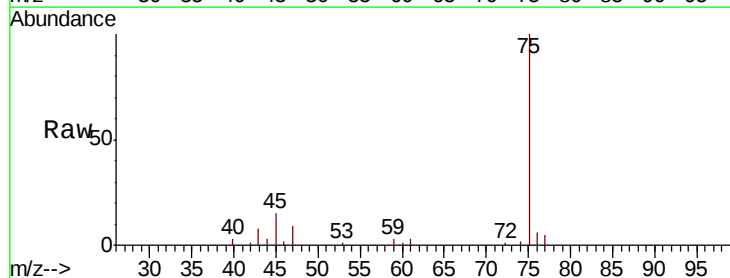
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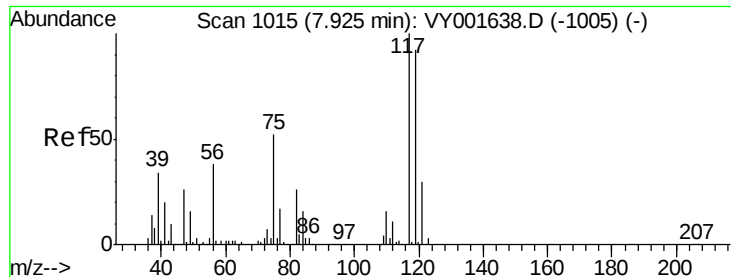
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.2	51.6#
77	0.0	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 1.039 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. -0.09 min
 Lab File: VY001680.D
 Acq: 18 Feb 2020 18:40

Tgt Ion	Ratio	Lower	Upper
43	100		
61	40.1	11.0	16.6#
70	0.0	8.8	13.2#

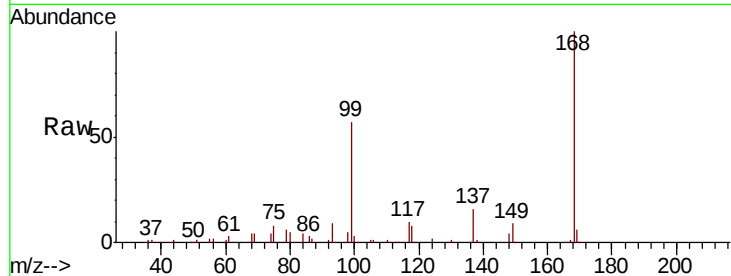




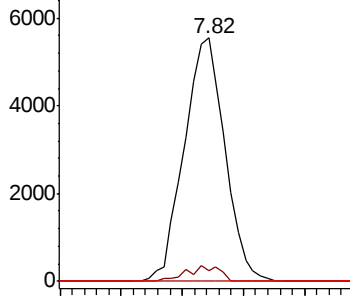
#38
Carbon Tetrachloride
Concen: 6.321 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY001680.D
Acq: 18 Feb 2020 18:40

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

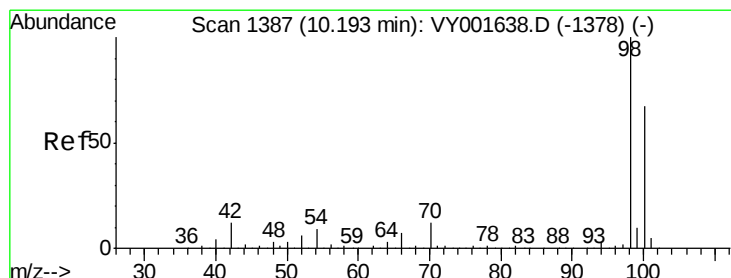
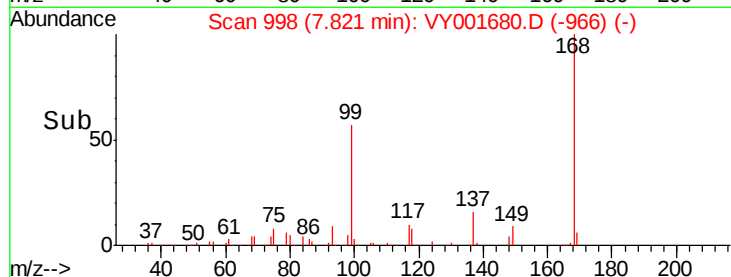
Tot Ion:117 Resp: 12835
Ion Ratio Lower Upper
117 100
119 4.5 74.8 112.2#
121 0.0 23.8 35.6#



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

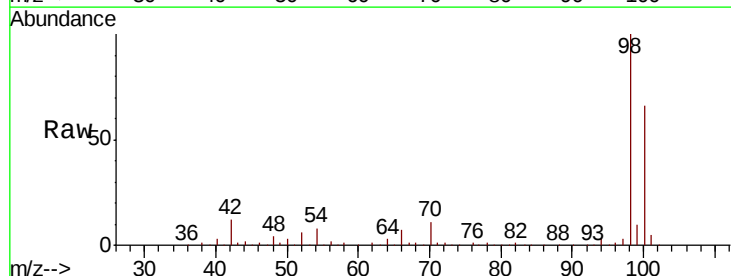


Time--> 7.70 7.75 7.80 7.85 7.90

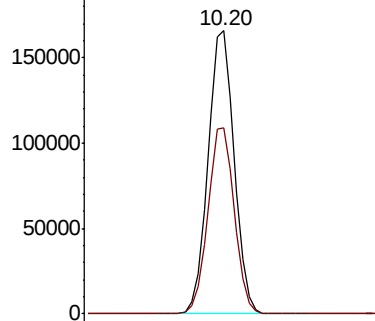


#50
Toluene-d8
Concen: 52.706 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001680.D
Acq: 18 Feb 2020 18:40

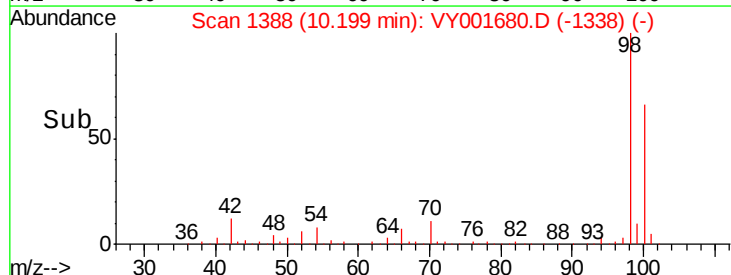
Tgt Ion: 98 Resp: 286203
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4

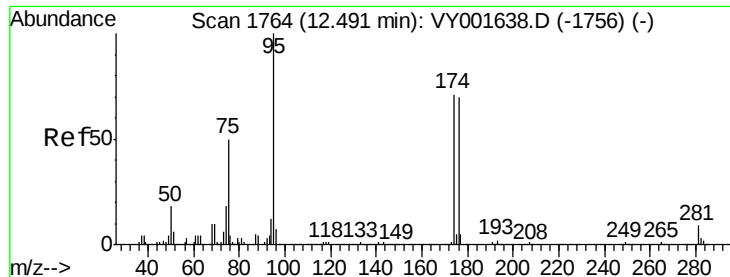


Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY



Time--> 10.10 10.20 10.30

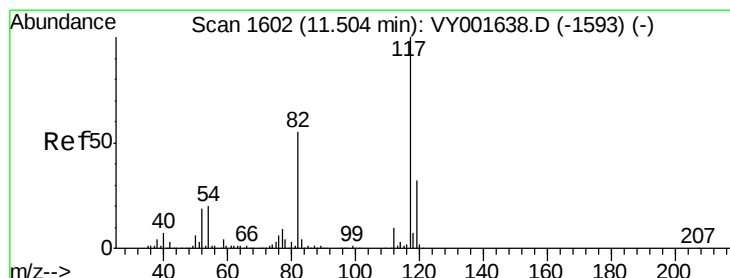
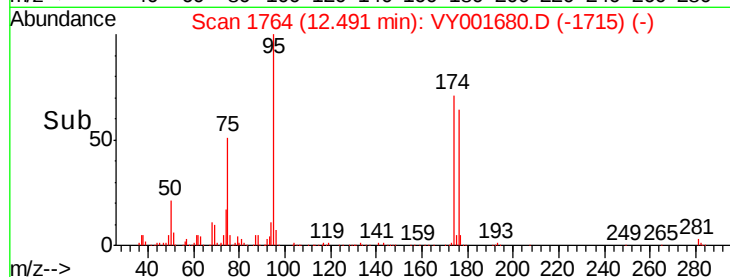
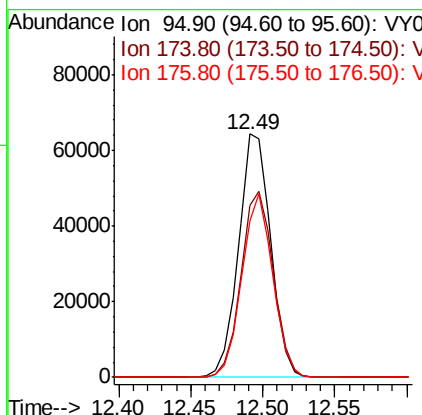
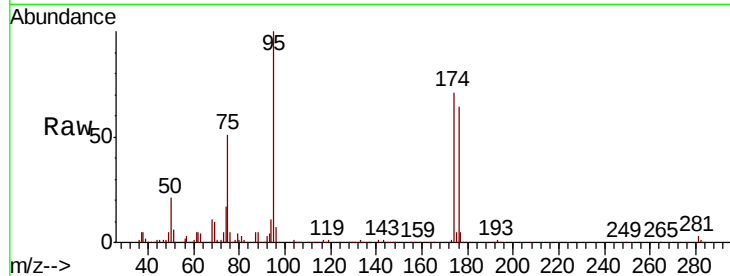




#62
4-Bromofluorobenzene
Concen: 47.161 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001680.D
Acq: 18 Feb 2020 18:40

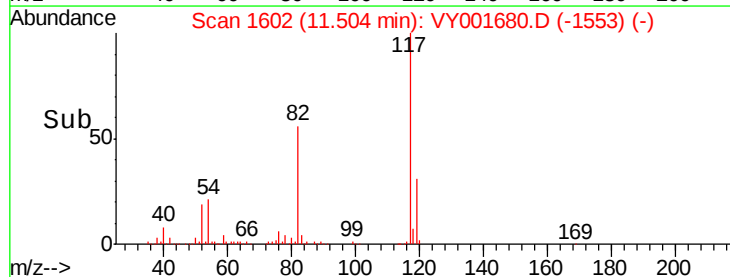
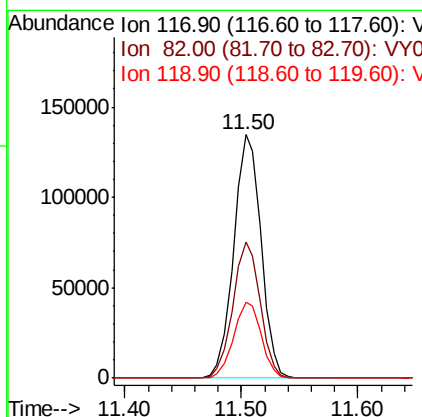
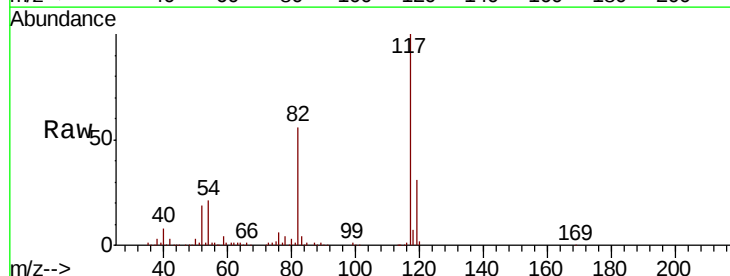
Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-02-C

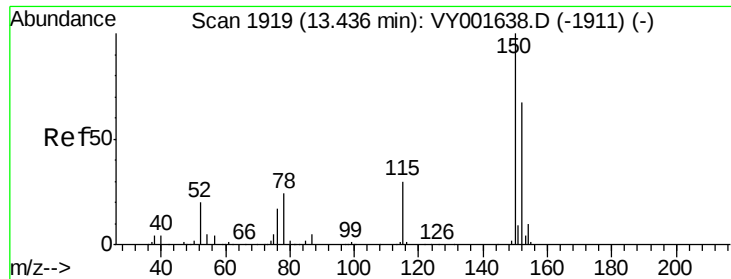
Tot Ion	95	Resp	99490
Ion Ratio	100		
Lower		0.0	138.4
Upper		0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001680.D
Acq: 18 Feb 2020 18:40

Tgt Ion	117	Resp	219186
Ion Ratio	100		
Lower		45.5	68.3
Upper		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: VY001680.D

Acq: 18 Feb 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-02-C

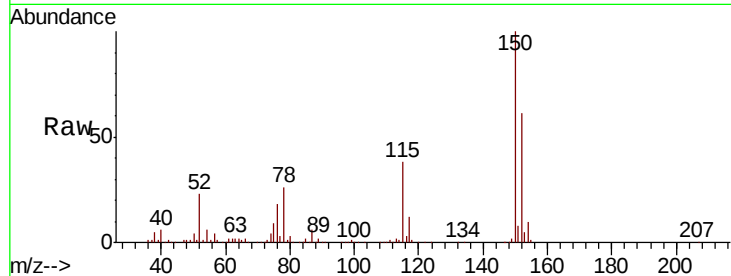
Tot Ion:152 Resp: 99953

Ion Ratio Lower Upper

152 100

115 60.3 31.4 94.2

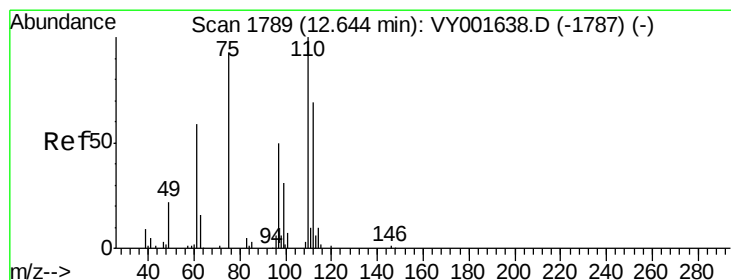
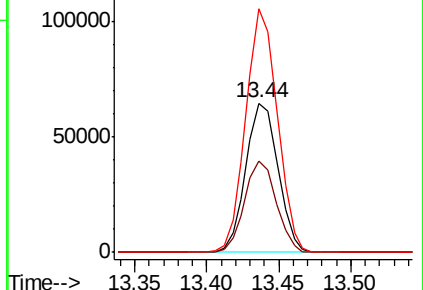
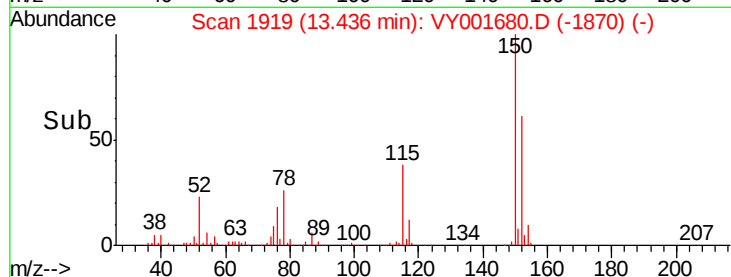
150 159.2 0.0 407.2



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: 44.555 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001680.D

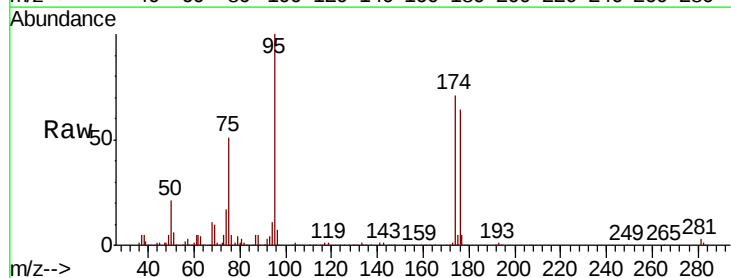
Acq: 18 Feb 2020 18:40

Tgt Ion: 75 Resp: 51086

Ion Ratio Lower Upper

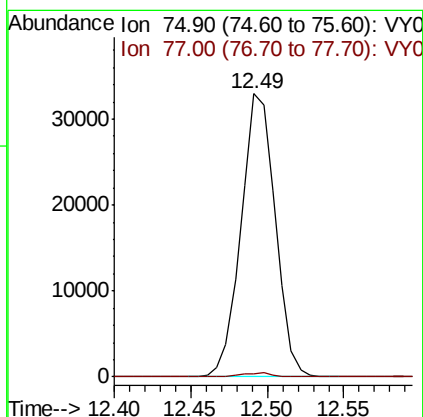
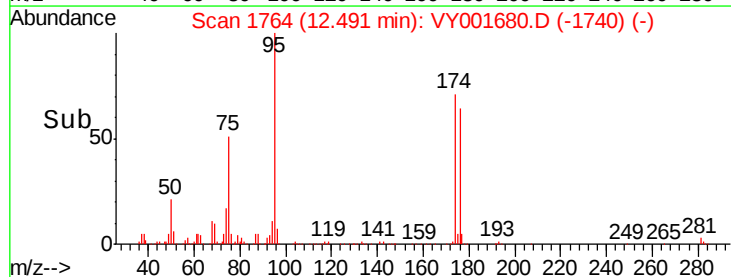
75 100

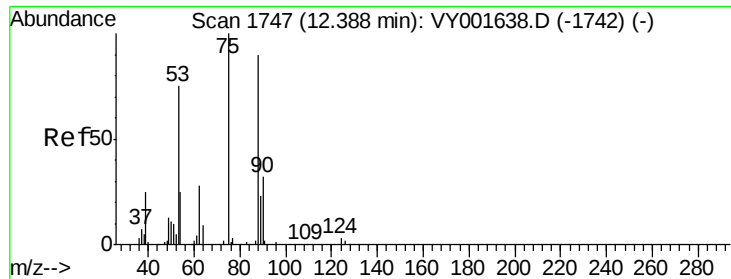
77 1.2 0.0 0.0#



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: 84.528 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001680.D

Acq: 18 Feb 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-02-C

Tot Ion: 75 Resp: 51086

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.2 36.3 54.5#

