

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001681.D
 Acq On : 18 Feb 2020 19:02
 Operator : SY/MD
 Sample : L1547-16
 Misc : 5.39G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Feb 19 06:48:28 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

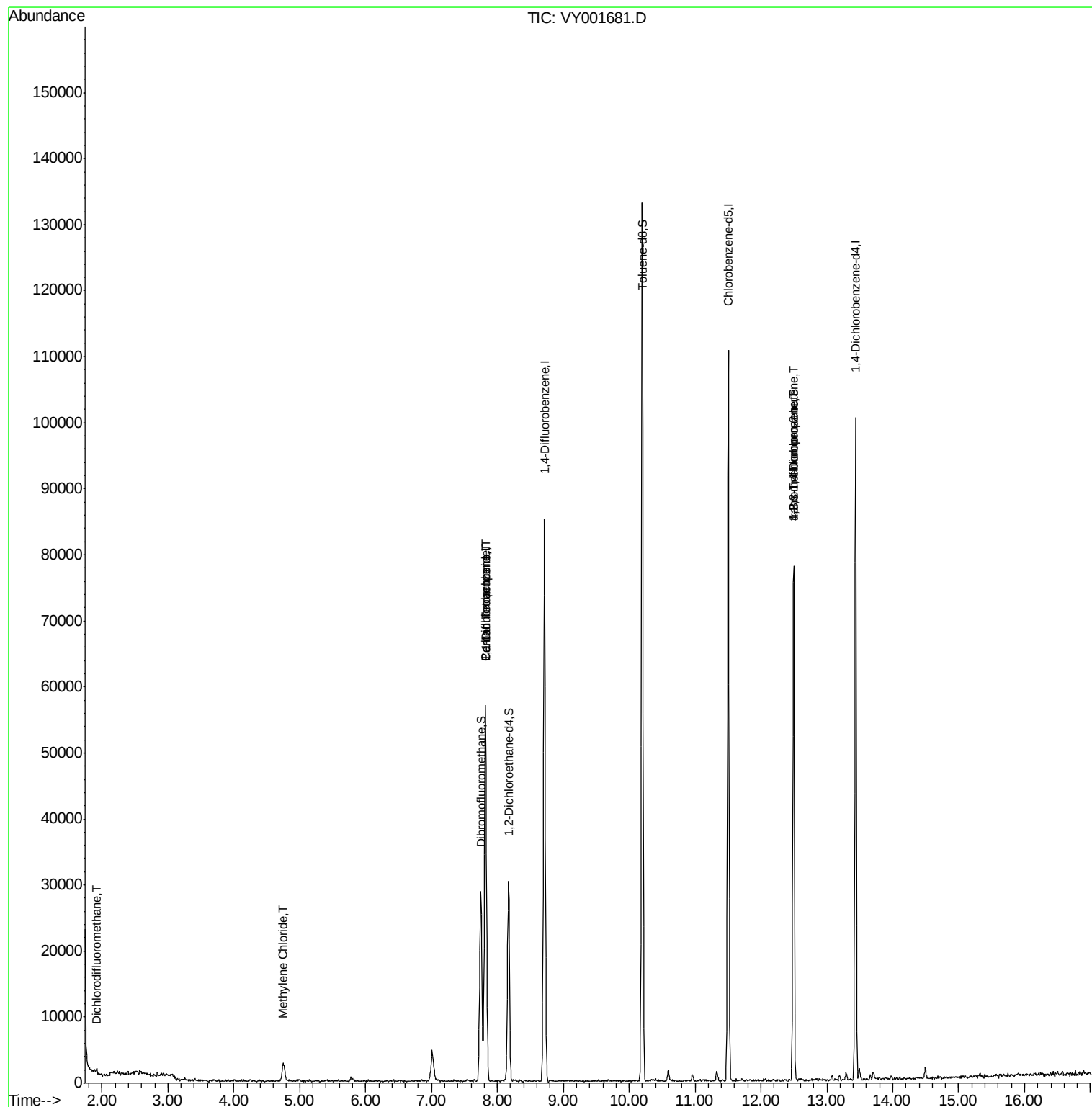
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	43558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	72408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	58061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	23921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	21331	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
35) Dibromofluoromethane	7.75	113	20091	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	10.20	98	85947	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.49	95	24523	38.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.92	85	485	1.142	ug/l	98
11) Tert butyl alcohol	4.99	59	286	Below Cal	#	74
20) Methylene Chloride	4.75	84	1945	3.378	ug/l	93
36) 1,1-Dichloropropene	7.82	75	3623	5.238	ug/l #	47
38) Carbon Tetrachloride	7.82	117	4187	6.892	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	12834	46.770	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	12834	88.731	ug/l #	17

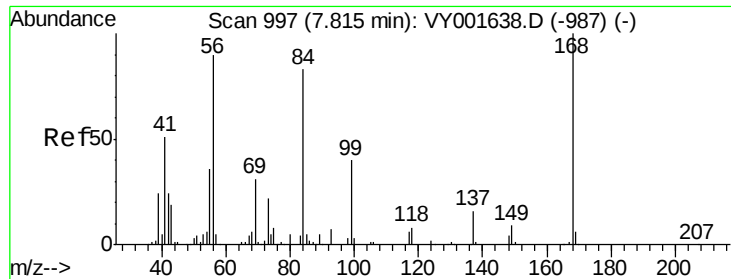
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001681.D

Acq: 18 Feb 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

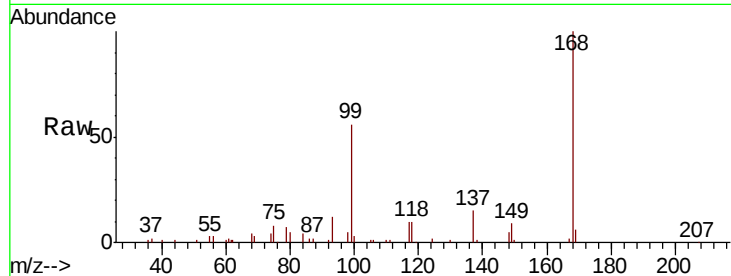
MARCY-GREEN-BH-03-A

Tot Ion:168 Resp: 43558

Ion Ratio Lower Upper

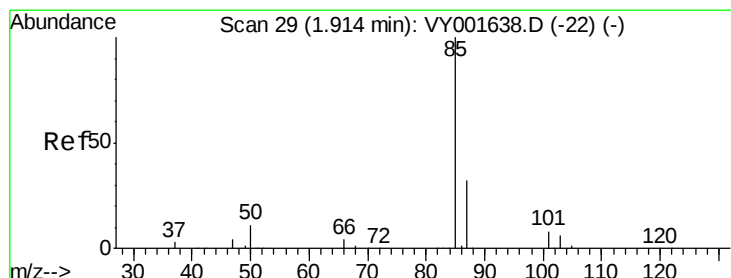
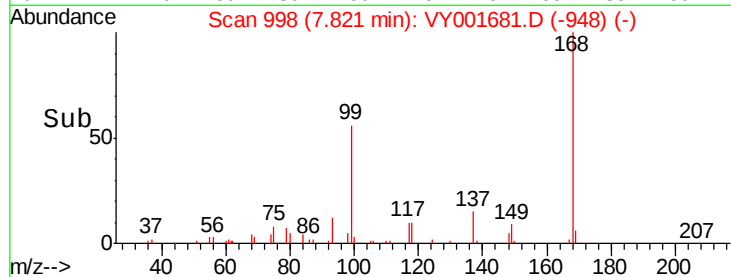
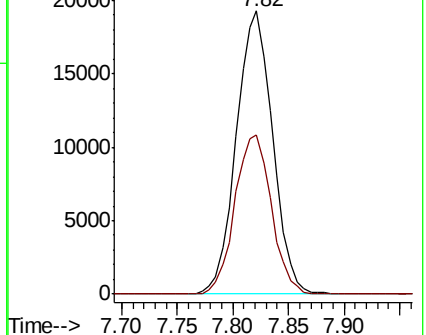
168 100

99 56.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001681.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001681.D (-948) (-)



#2

Dichlorodifluoromethane

Concen: 1.142 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001681.D

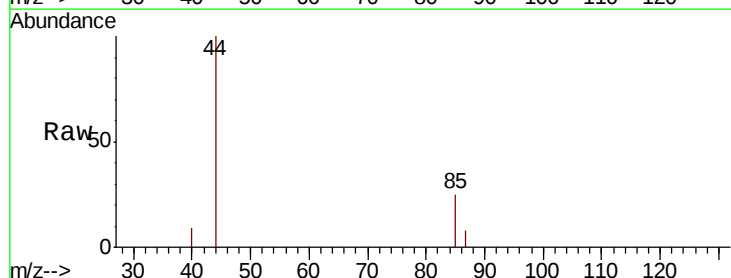
Acq: 18 Feb 2020 19:02

Tgt Ion: 85 Resp: 485

Ion Ratio Lower Upper

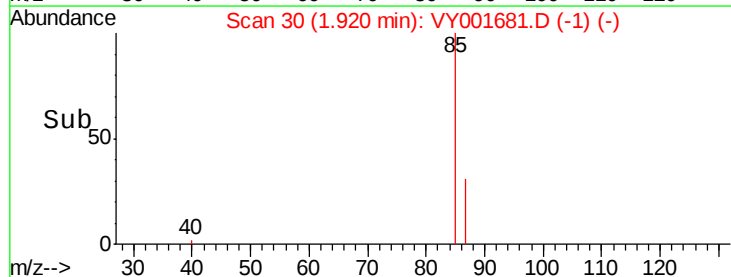
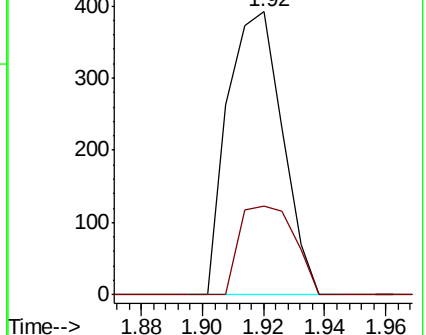
85 100

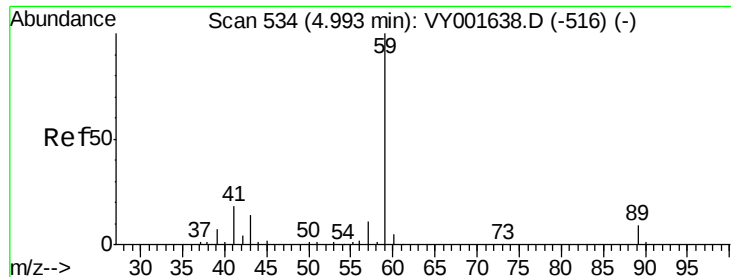
87 31.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001681.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001681.D (-1) (-)

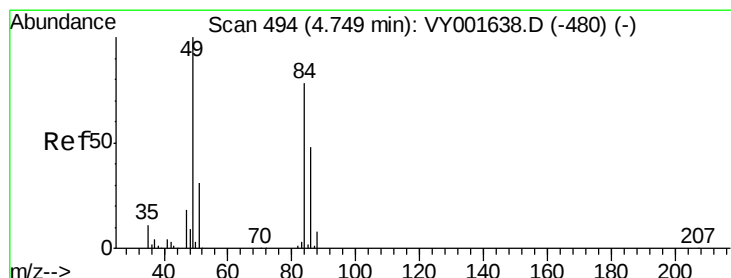
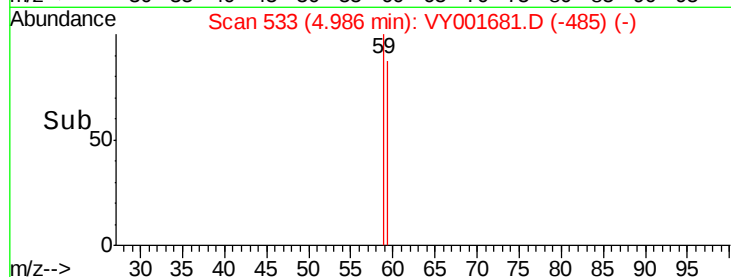
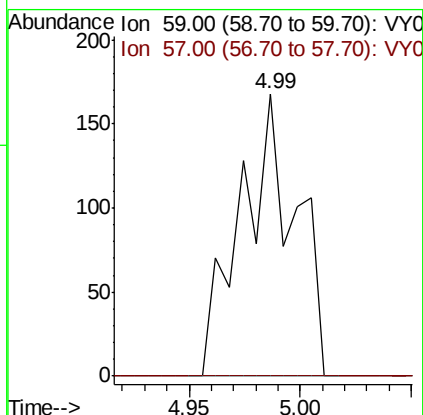
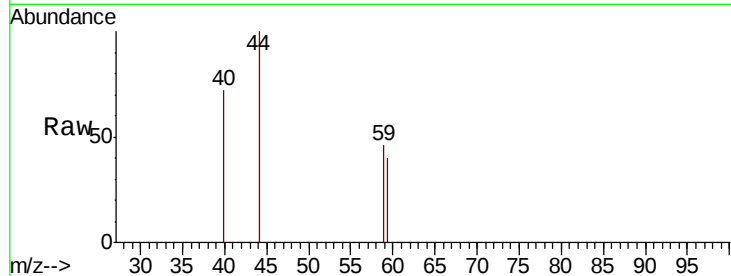




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001681.D
Acq: 18 Feb 2020 19:02

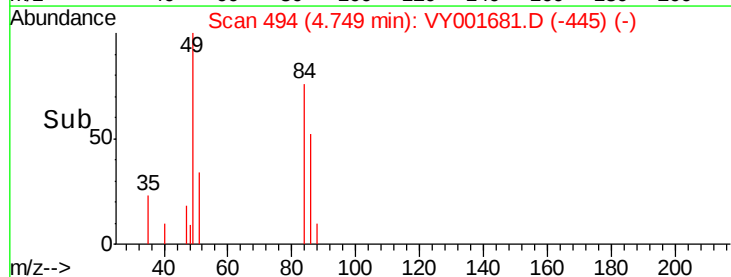
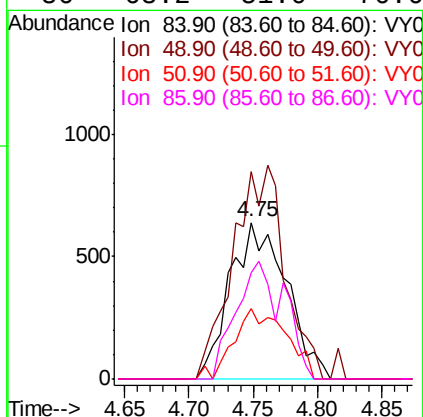
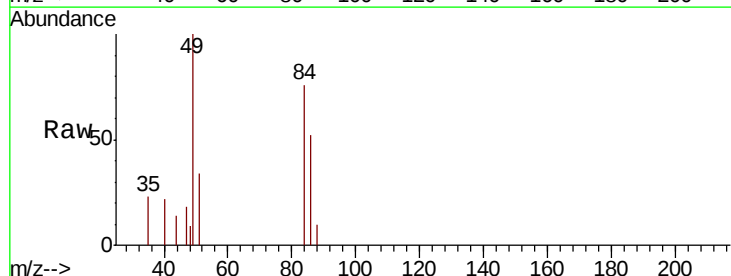
Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-03-A

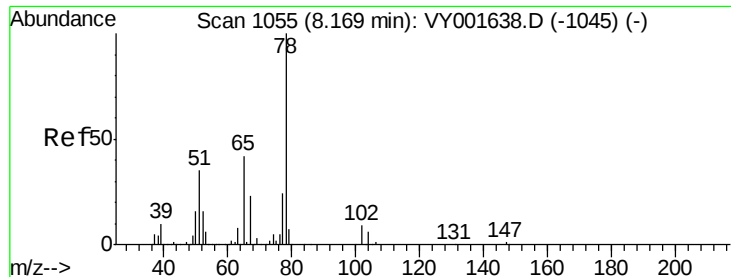
Tot Ion: 59 Resp: 286
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#20
Methylene Chloride
Concen: 3.378 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.00 min
Lab File: VY001681.D
Acq: 18 Feb 2020 19:02

Tgt Ion: 84 Resp: 1945
Ion Ratio Lower Upper
84 100
49 132.3 99.2 148.8
51 44.6 31.5 47.3
86 68.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 45.528 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001681.D

Acq: 18 Feb 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

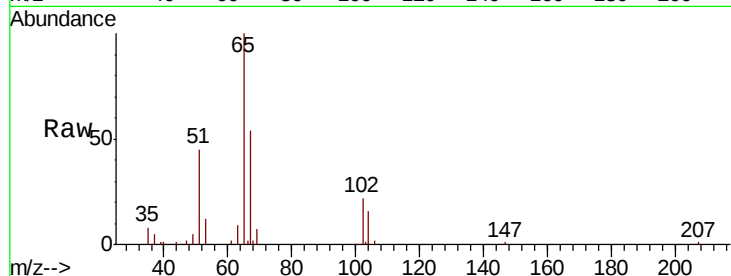
MARCY-GREEN-BH-03-A

Tot Ion: 65 Resp: 21331

Ion Ratio Lower Upper

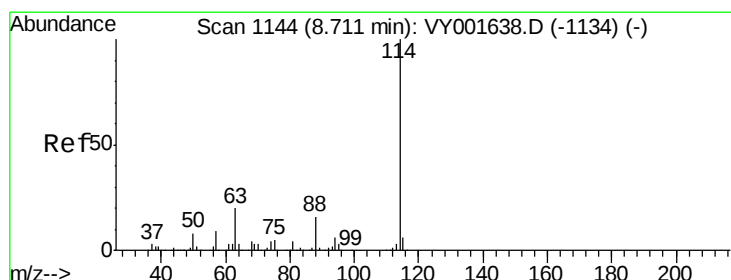
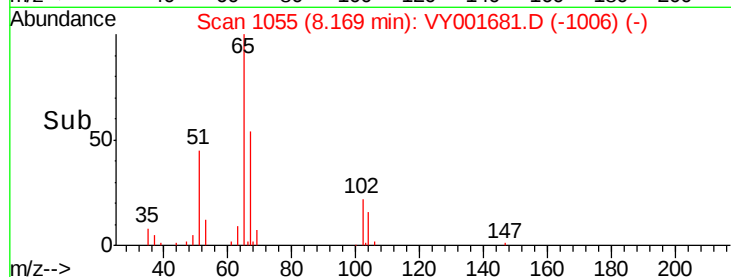
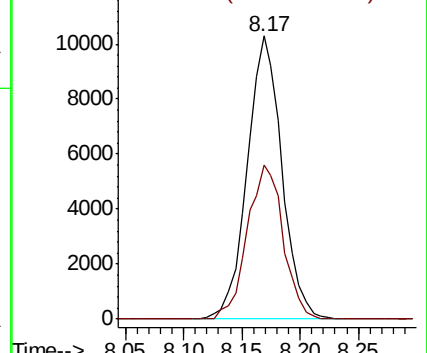
65 100

67 56.2 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: VY001681.D

Acq: 18 Feb 2020 19:02

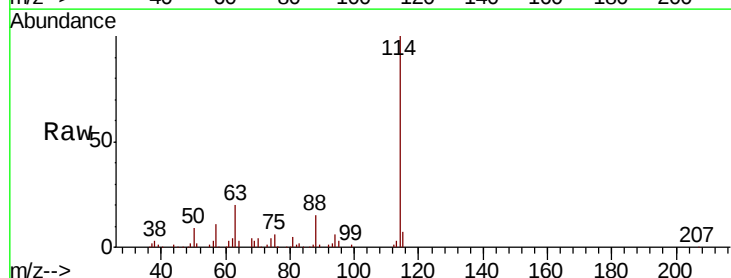
Tgt Ion: 114 Resp: 72408

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

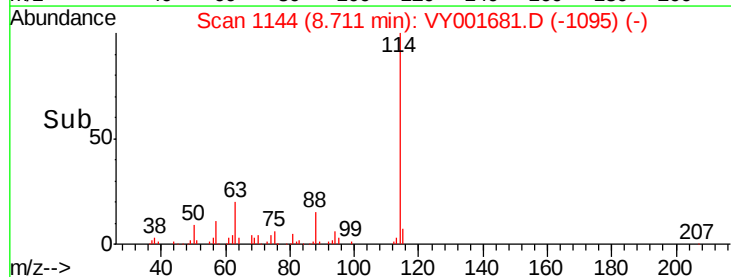
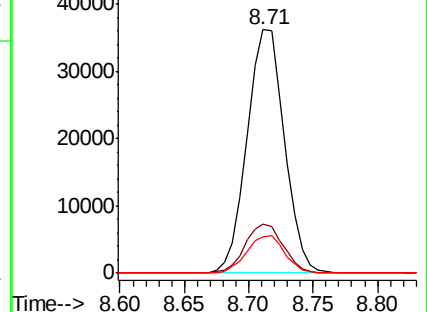
88 15.0 0.0 32.8

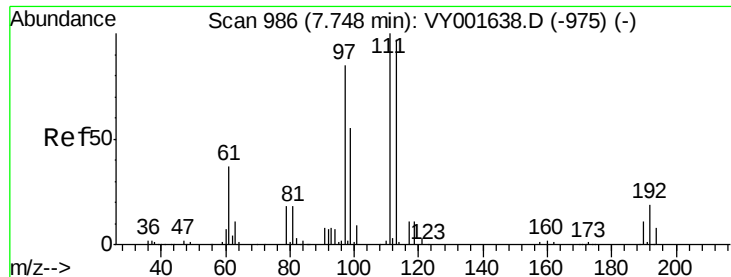


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 48.445 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001681.D

Acq: 18 Feb 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-03-A

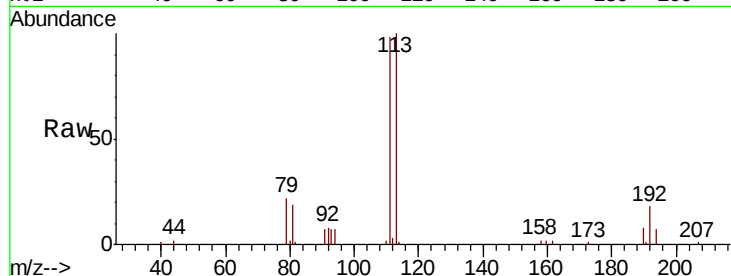
Tot Ion:113 Resp: 20091

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

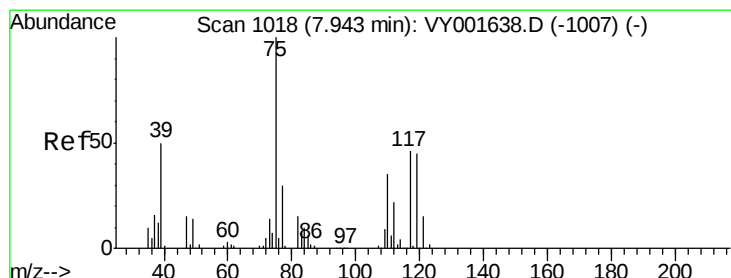
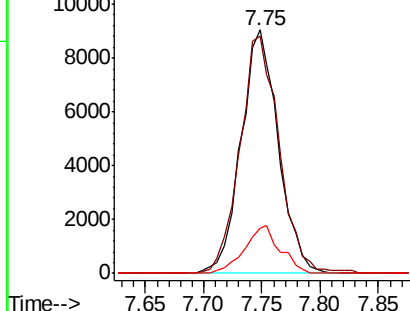
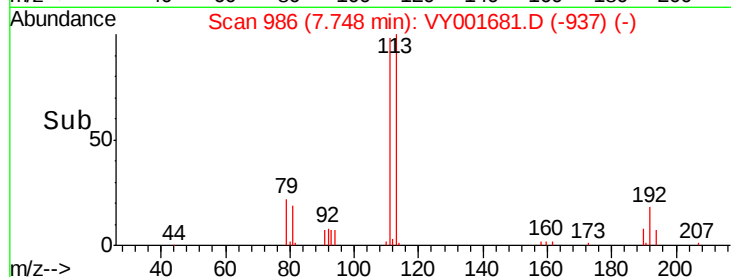
192 18.5 14.3 21.5



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: 5.238 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.12 min

Lab File: VY001681.D

Acq: 18 Feb 2020 19:02

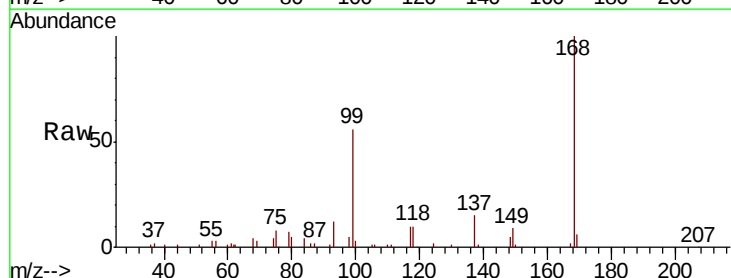
Tgt Ion: 75 Resp: 3623

Ion Ratio Lower Upper

75 100

110 5.8 17.2 51.6#

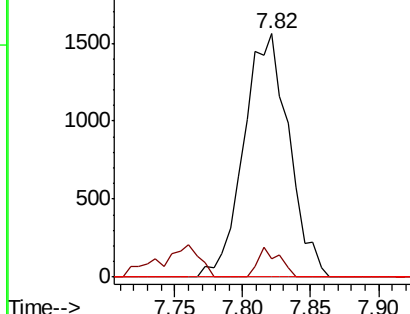
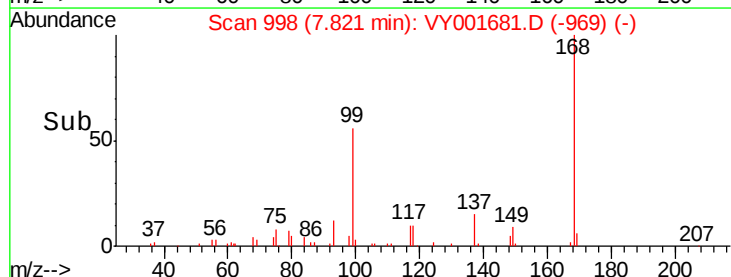
77 0.0 24.8 37.2#

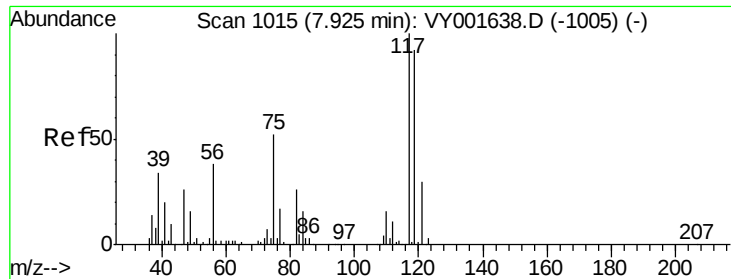


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

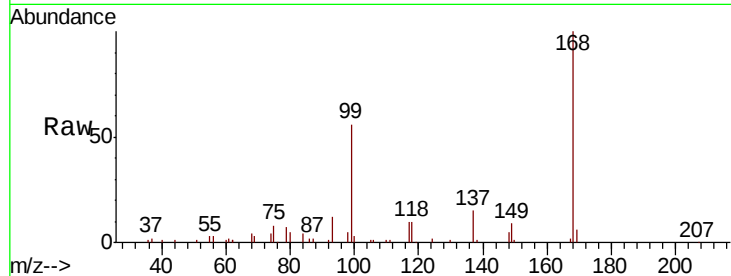




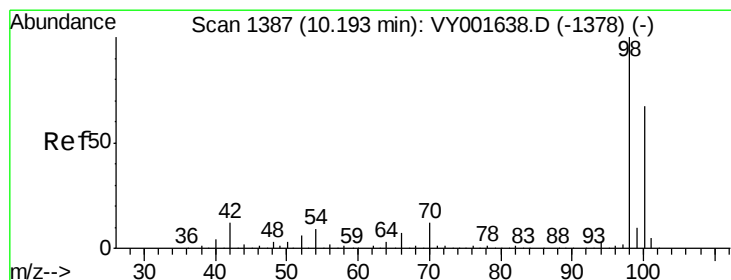
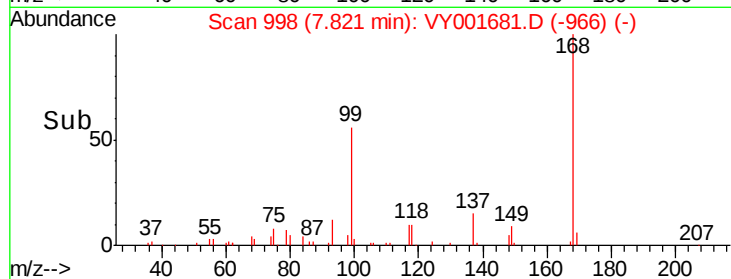
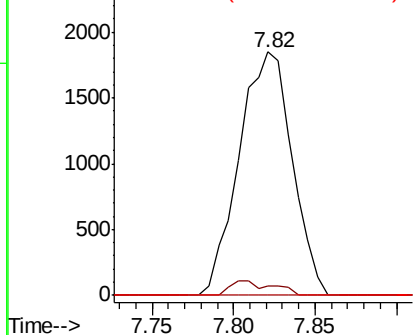
#38
Carbon Tetrachloride
Concen: 6.892 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY001681.D
Acq: 18 Feb 2020 19:02

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

Tot Ion:117 Resp: 4187
Ion Ratio Lower Upper
117 100
119 4.0 74.8 112.2#
121 0.0 23.8 35.6#

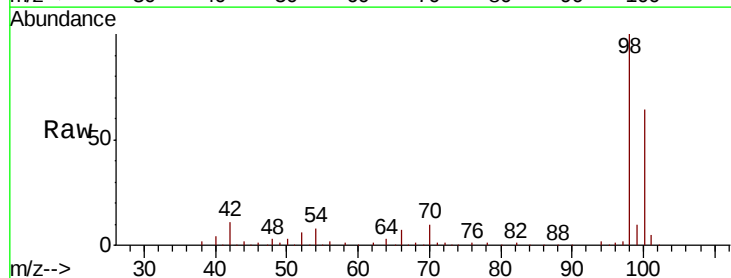


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

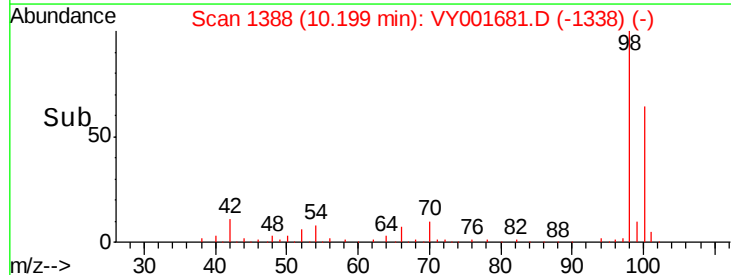
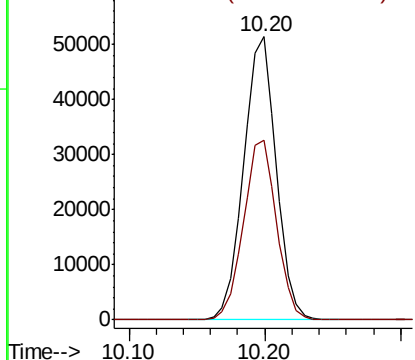


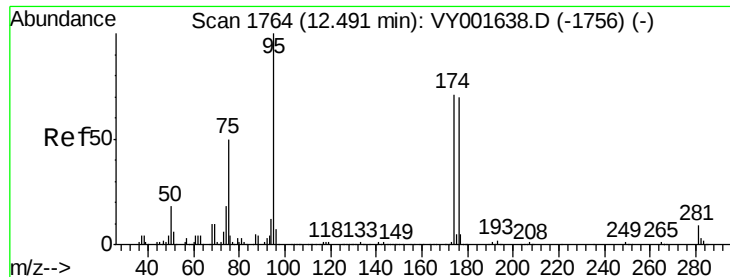
#50
Toluene-d8
Concen: 52.899 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001681.D
Acq: 18 Feb 2020 19:02

Tgt Ion: 98 Resp: 85947
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



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

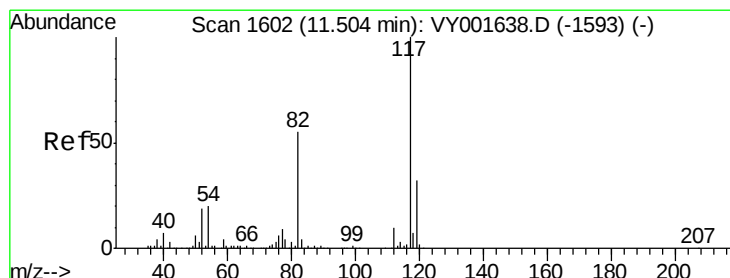
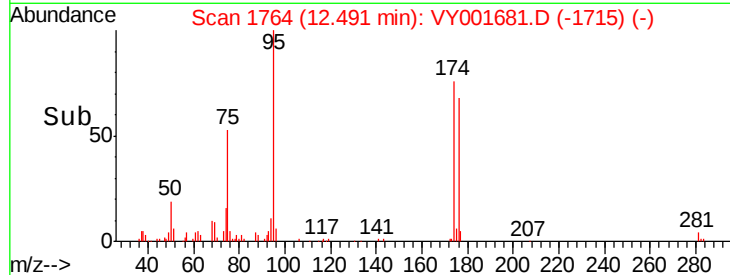
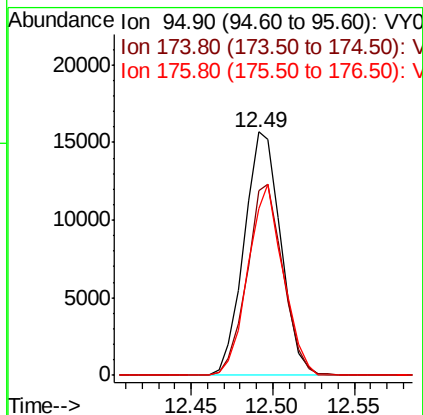
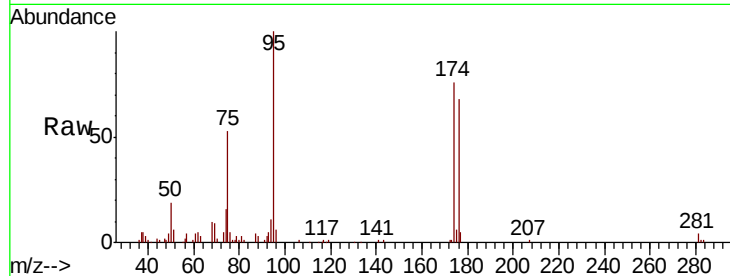




#62
4-Bromofluorobenzene
Concen: 38.851 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001681.D
Acq: 18 Feb 2020 19:02

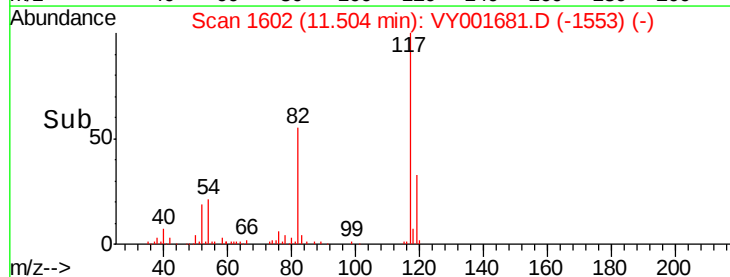
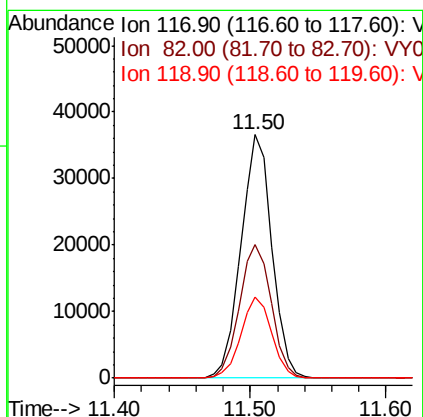
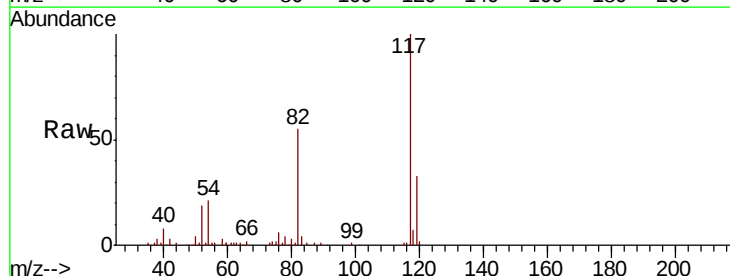
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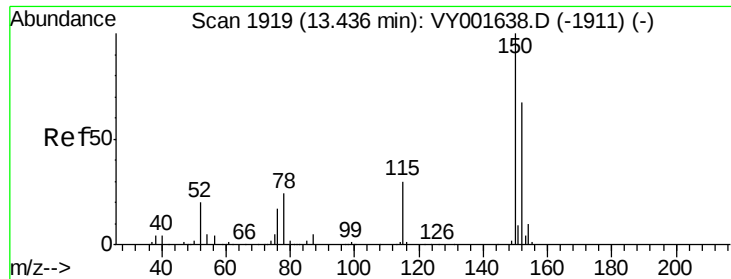
Tot Ion: 95 Resp: 24523
Ion Ratio Lower Upper
95 100
174 76.8 0.0 138.4
176 75.0 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001681.D
Acq: 18 Feb 2020 19:02

Tgt Ion: 117 Resp: 58061
Ion Ratio Lower Upper
117 100
82 55.1 45.5 68.3
119 33.1 25.8 38.6



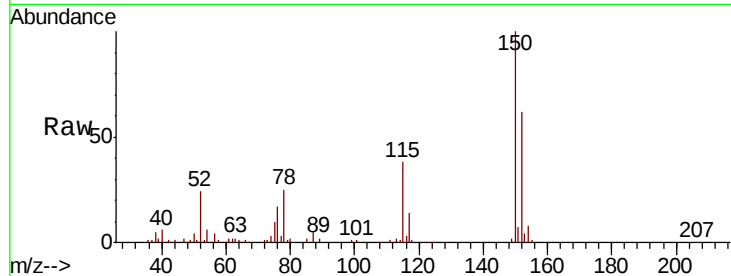


#72

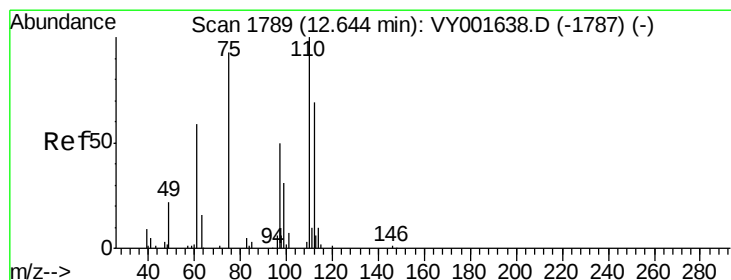
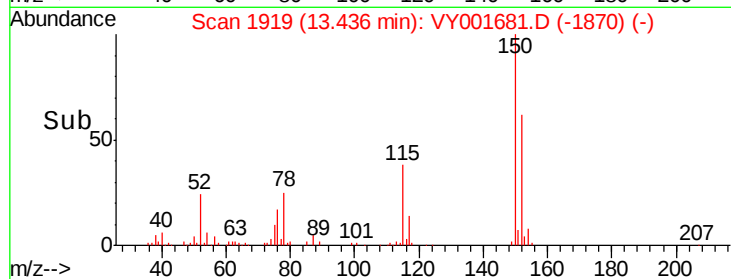
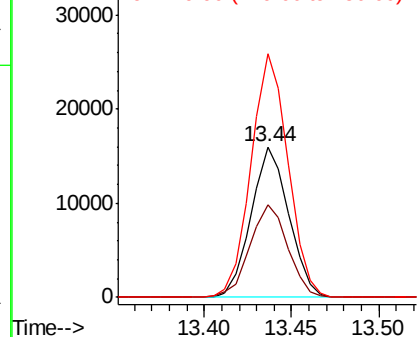
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001681.D
Acq: 18 Feb 2020 19:02

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

Tot Ion:152 Resp: 23921
Ion Ratio Lower Upper
152 100
115 61.6 31.4 94.2
150 159.0 0.0 407.2



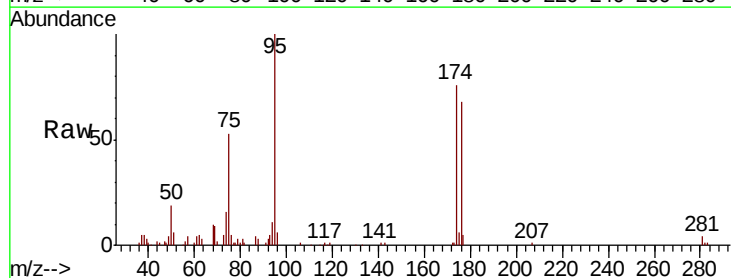
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



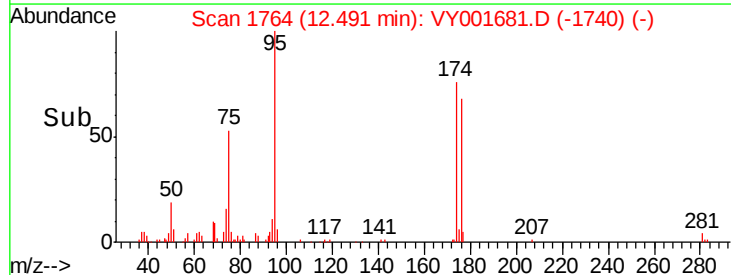
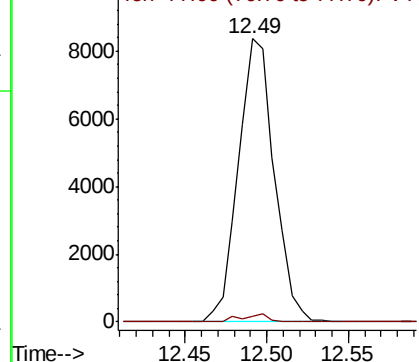
#76

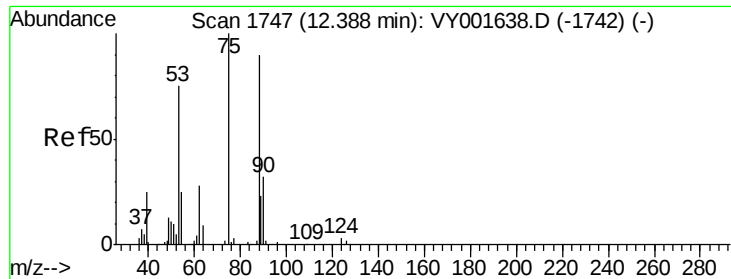
1,2,3-Trichloropropane
Concen: 46.770 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001681.D
Acq: 18 Feb 2020 19:02

Tgt Ion: 75 Resp: 12834
Ion Ratio Lower Upper
75 100
77 2.0 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: 88.731 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001681.D

Acq: 18 Feb 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-03-A

Tot Ion: 75 Resp: 12834

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#

