

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001678.D
 Acq On : 18 Feb 2020 17:56
 Operator : SY/MD
 Sample : L1547-10
 Misc : 5.44G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 19 07:41:40 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	14757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	22963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	16581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	6272	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	6049	38.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.22%	
35) Dibromofluoromethane	7.75	113	6173	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
50) Toluene-d8	10.19	98	26012	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.50	95	6631	33.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.26%	

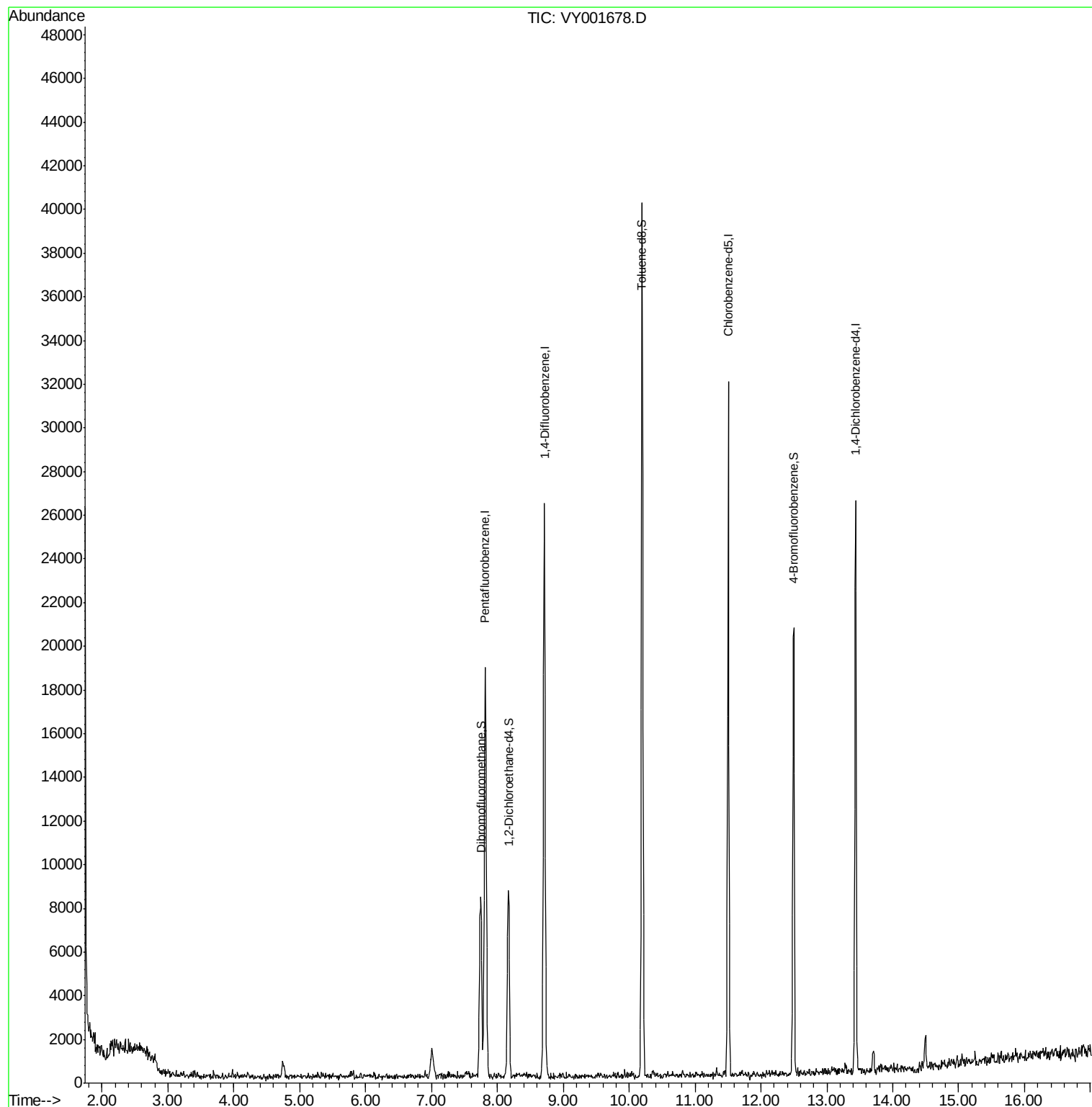
Target Compounds	Qvalue

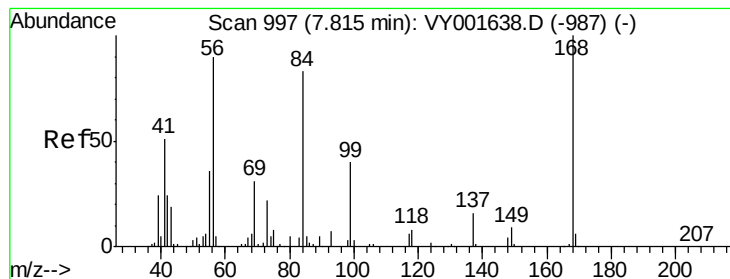
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001678.D

Acq: 18 Feb 2020 17:56

Instrument :

MSVOA_Y

ClientSampleId :

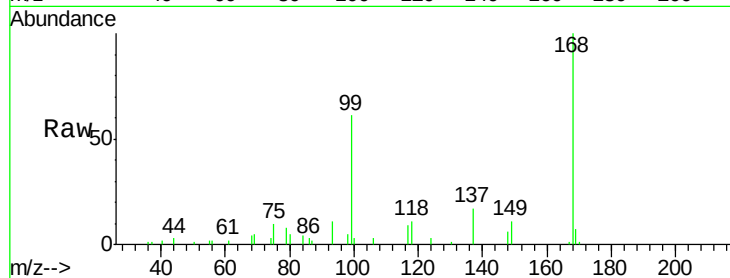
MARCY-GREEN-BH-02-A

Tot Ion:168 Resp: 14757

Ion Ratio Lower Upper

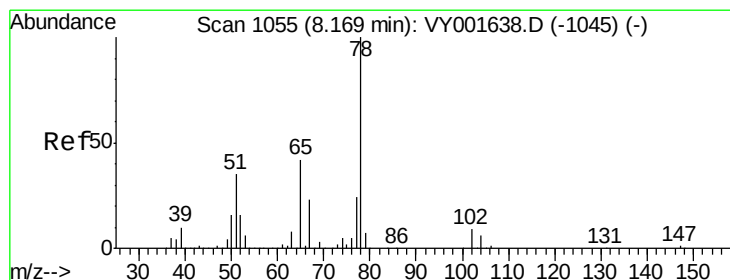
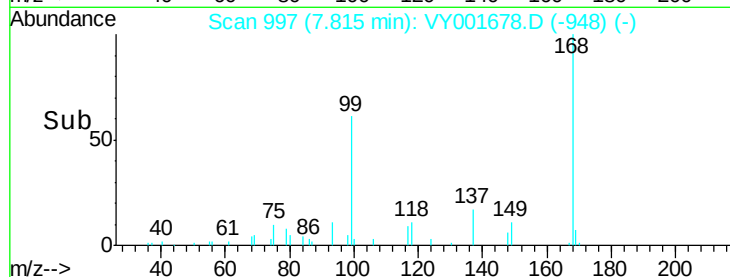
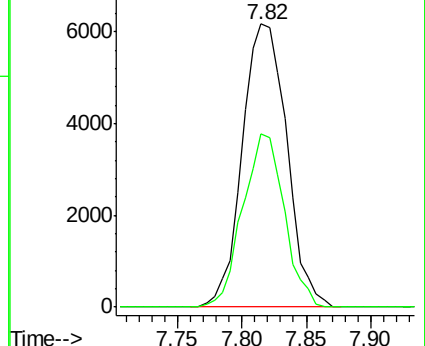
168 100

99 61.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001678.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001678.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 38.108 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001678.D

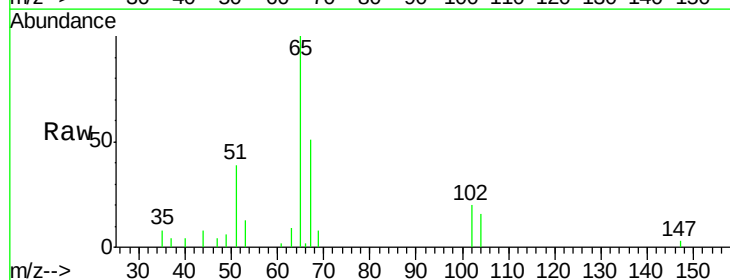
Acq: 18 Feb 2020 17:56

Tgt Ion: 65 Resp: 6049

Ion Ratio Lower Upper

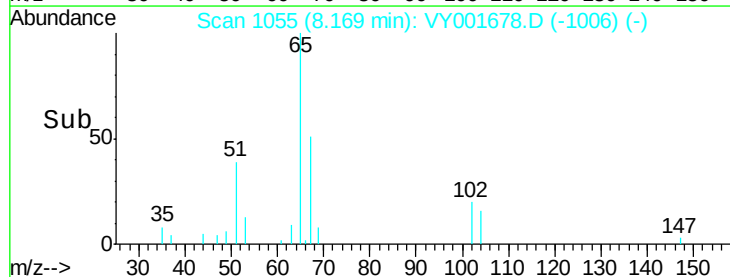
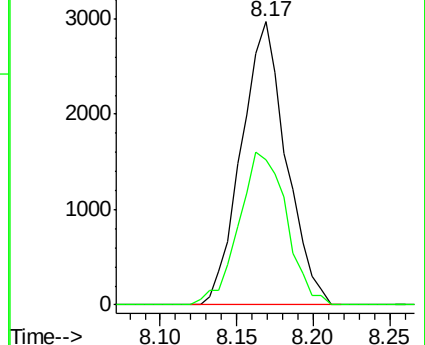
65 100

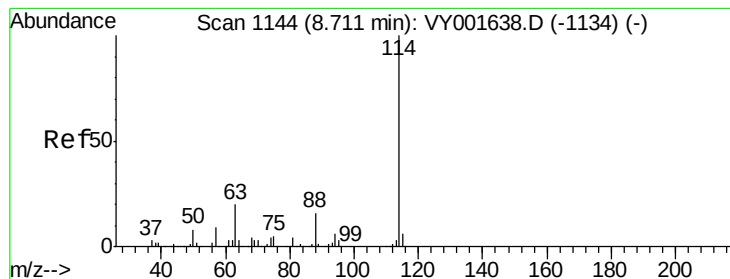
67 57.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001678.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001678.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001678.D

Acq: 18 Feb 2020 17:56

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-02-A

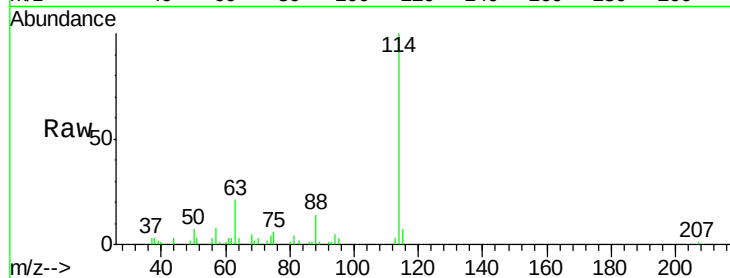
Tot Ion:114 Resp: 22963

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.4

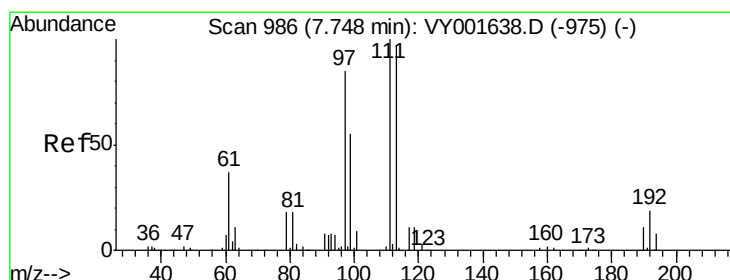
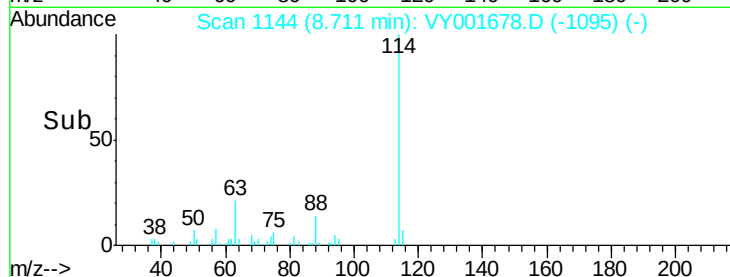
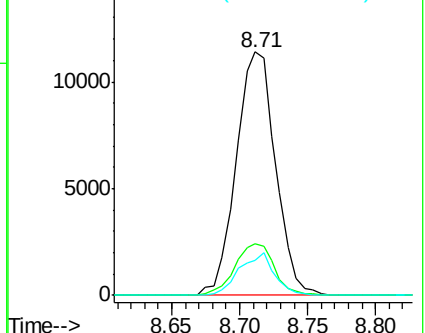
88 14.3 0.0 32.8



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: 46.935 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001678.D

Acq: 18 Feb 2020 17:56

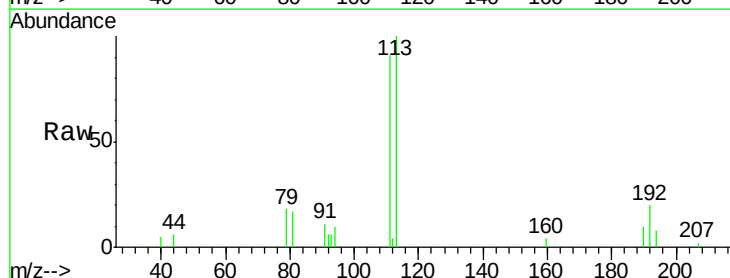
Tgt Ion:113 Resp: 6173

Ion Ratio Lower Upper

113 100

111 96.0 81.9 122.9

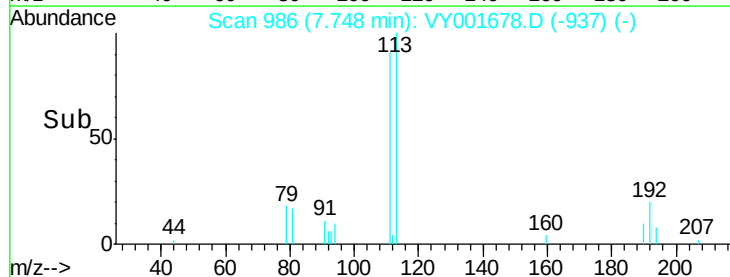
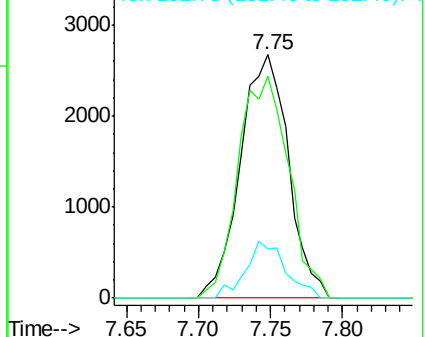
192 19.3 14.3 21.5

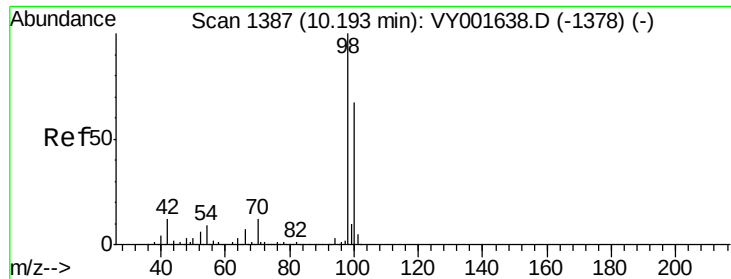


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

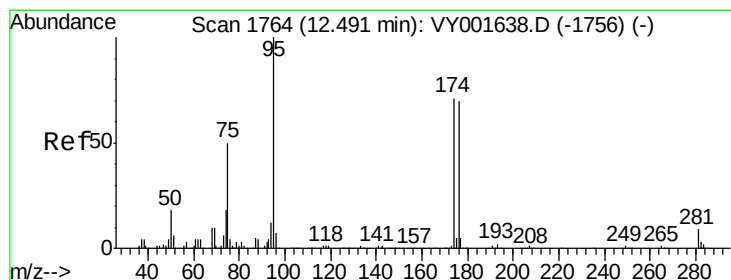
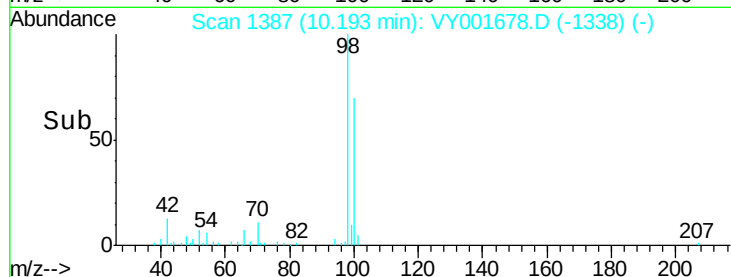
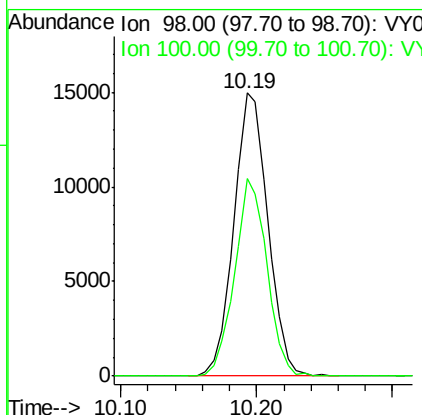
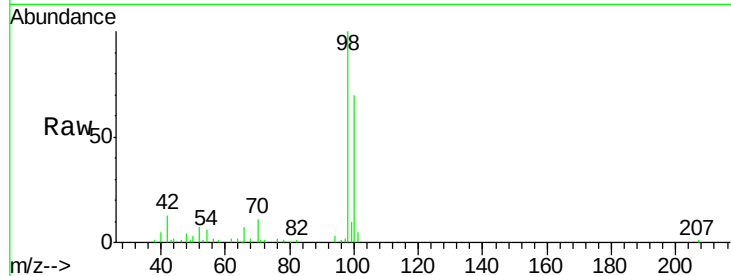




#50
Toluene-d8
Concen: 50.483 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY001678.D
Acq: 18 Feb 2020 17:56

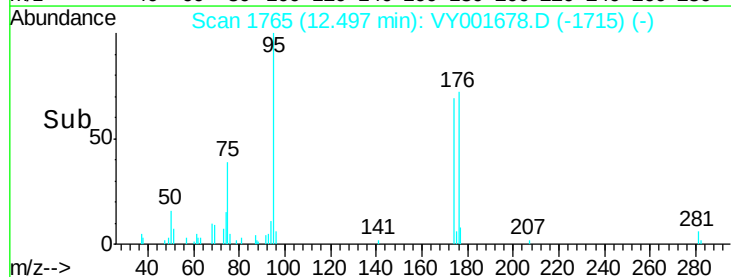
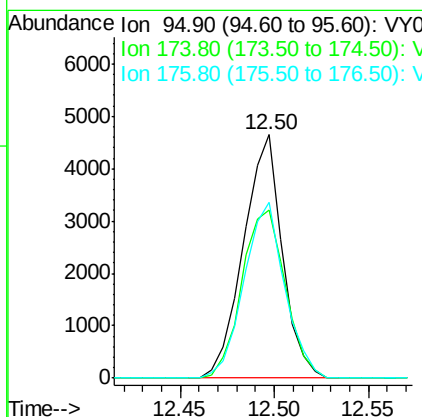
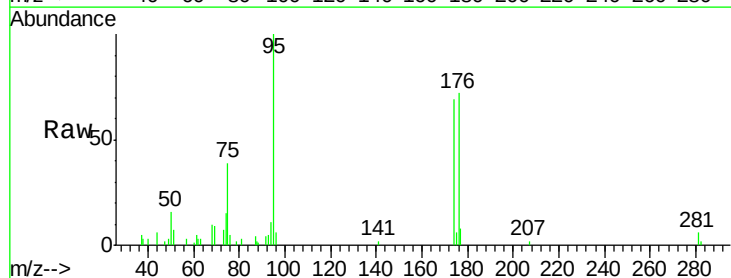
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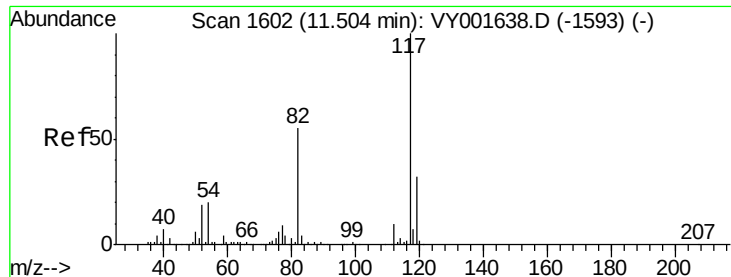
Tot Ion: 98 Resp: 26012
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 33.126 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001678.D
Acq: 18 Feb 2020 17:56

Tgt Ion: 95 Resp: 6631
Ion Ratio Lower Upper
95 100
174 77.3 0.0 138.4
176 75.6 0.0 131.8

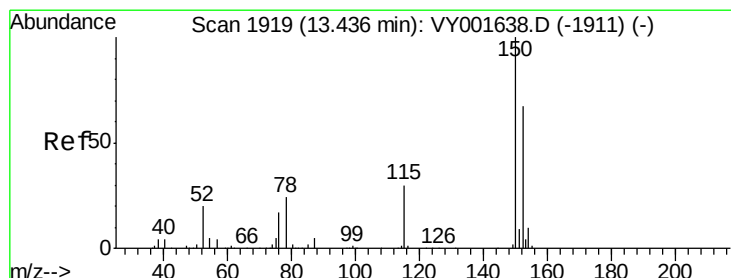
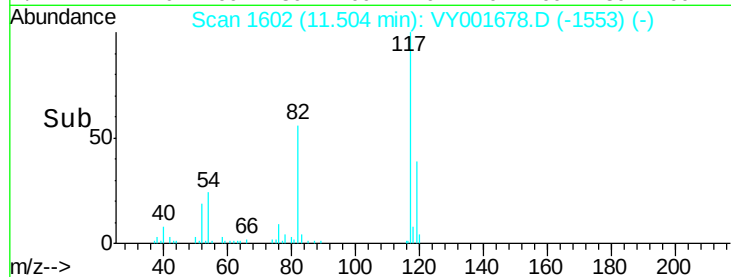
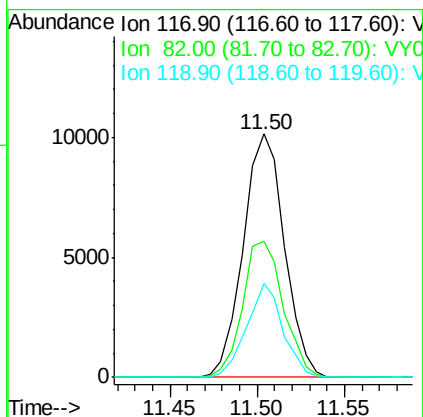
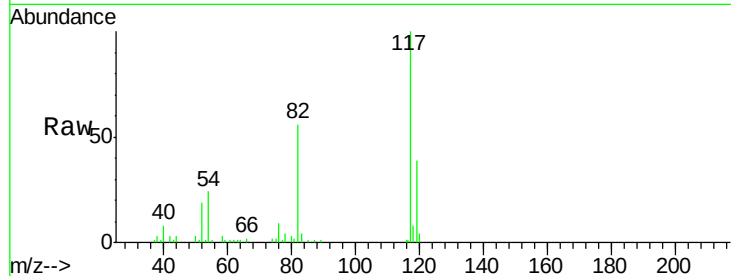




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001678.D
Acq: 18 Feb 2020 17:56

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

Tot Ion:117 Resp: 16581
Ion Ratio Lower Upper
117 100
82 55.7 45.5 68.3
119 38.6 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: VY001678.D
Acq: 18 Feb 2020 17:56

Tgt Ion:152 Resp: 6272
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.2
150 158.4 0.0 407.2

