

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031720\
 Data File : VY001990.D
 Acq On : 17 Mar 2020 10:23
 Operator : SY/MD
 Sample : VY0317SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBL01

Quant Time: Mar 30 15:35:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

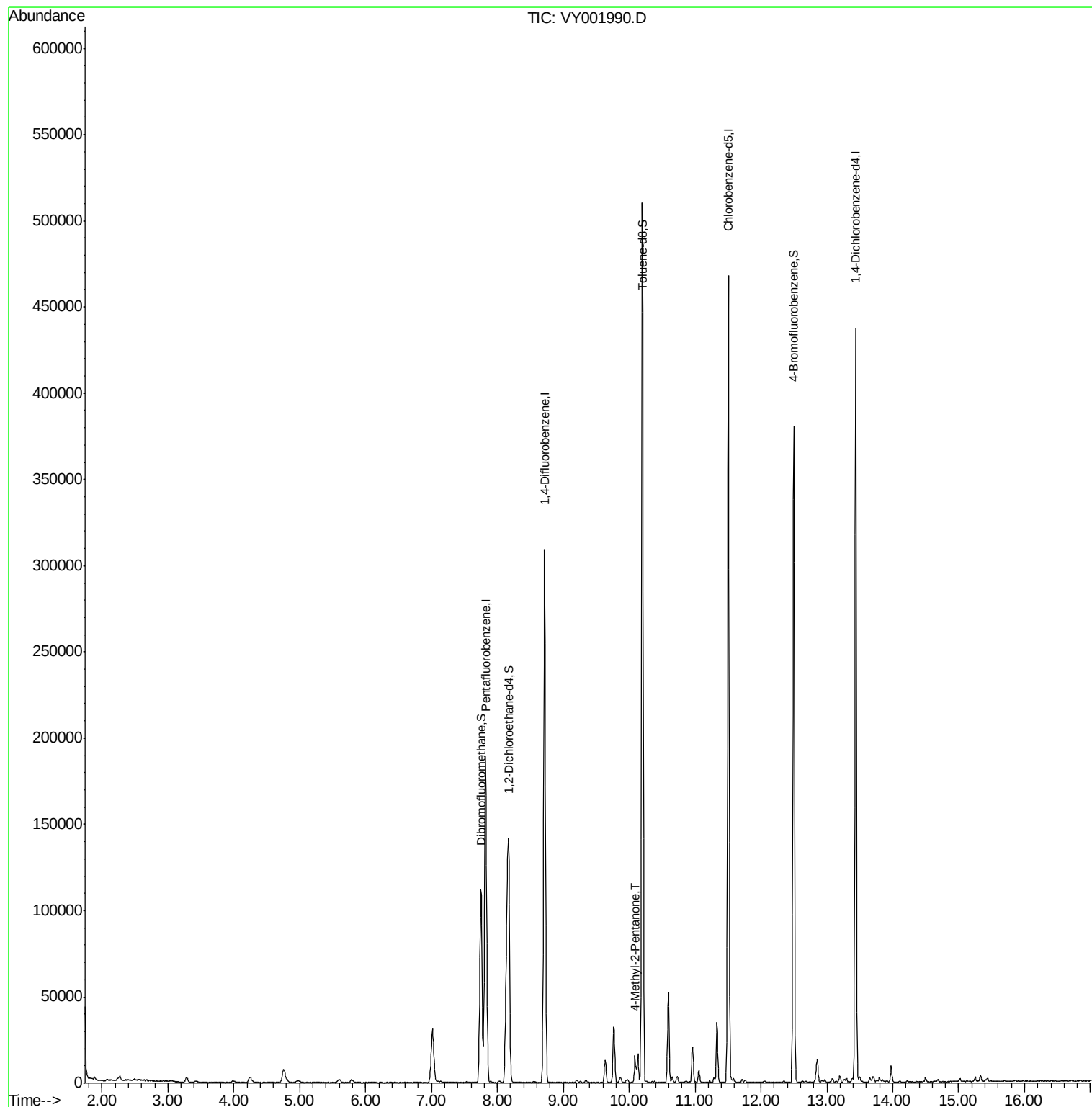
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	142541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	271482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	249592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	104570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	84179	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
35) Dibromofluoromethane	7.75	113	80773	54.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.98%	
50) Toluene-d8	10.20	98	331799	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.50	95	110301	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
Target Compounds						
51) 4-Methyl-2-Pentanone	10.09	43	10976	7.413	ug/l	Qvalue 98

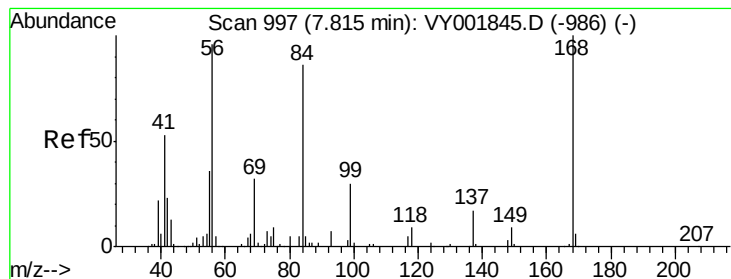
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001990.D

Acq: 17 Mar 2020 10:23

Instrument :

MSVOA_Y

ClientSampleId :

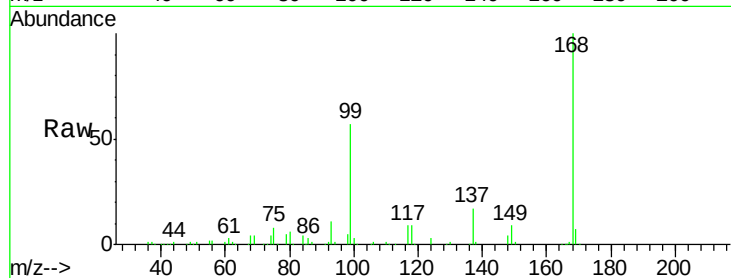
VY0317SBL01

Tot Ion:168 Resp: 142541

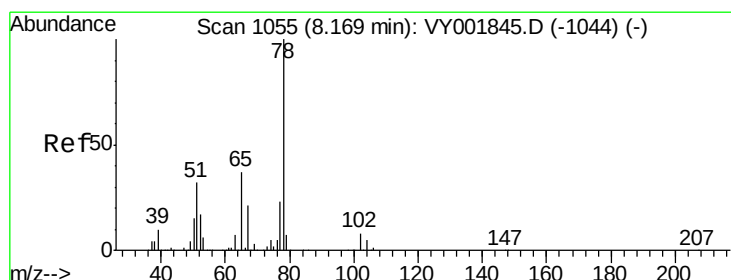
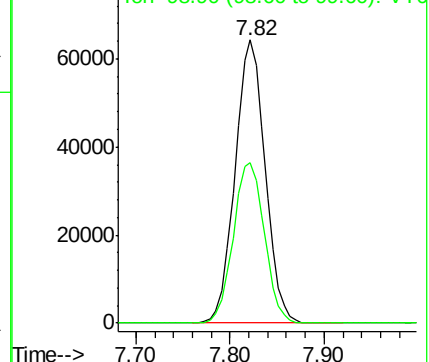
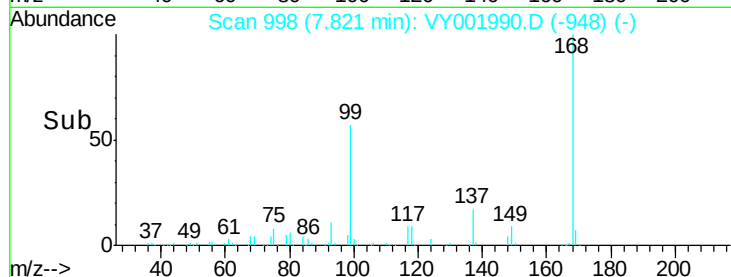
Ion Ratio Lower Upper

168 100

99 56.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001990.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.318 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001990.D

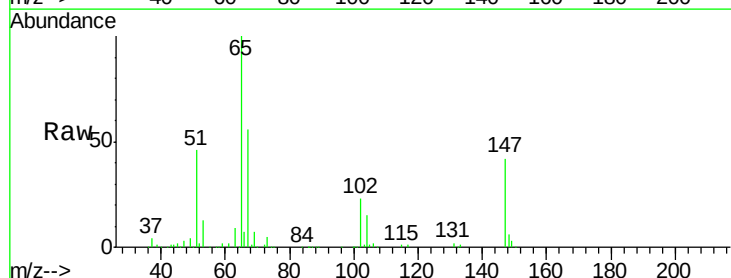
Acq: 17 Mar 2020 10:23

Tgt Ion: 65 Resp: 84179

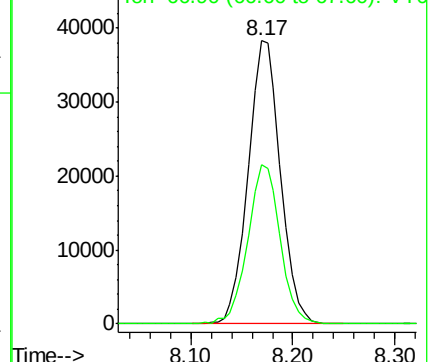
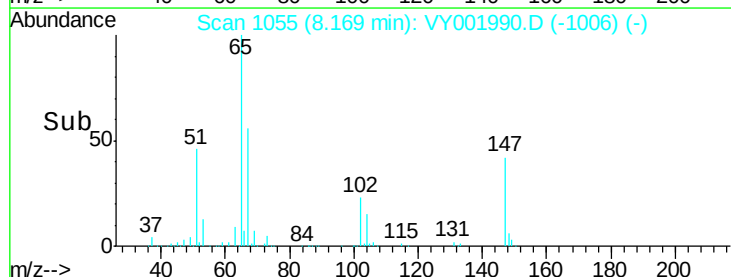
Ion Ratio Lower Upper

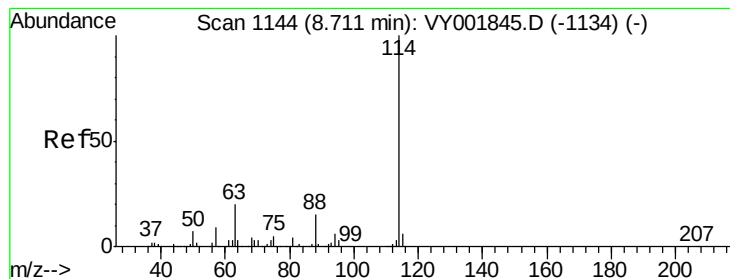
65 100

67 56.5 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001990.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001990.D

Acq: 17 Mar 2020 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBL01

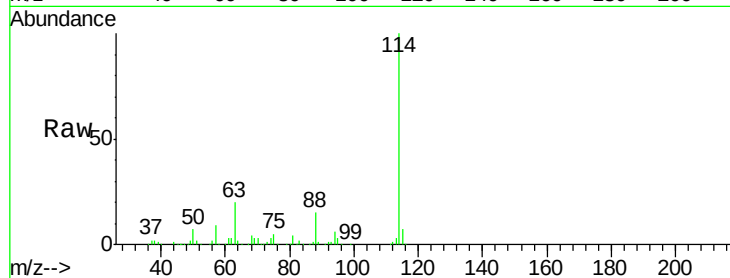
Tot Ion:114 Resp: 271482

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

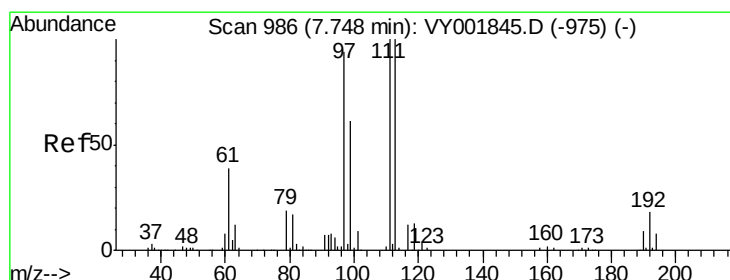
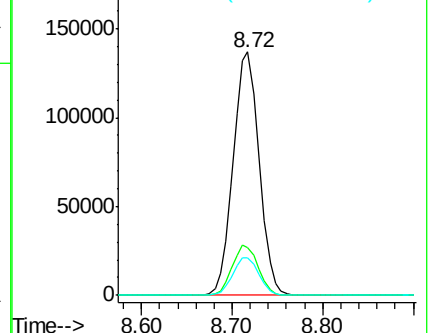
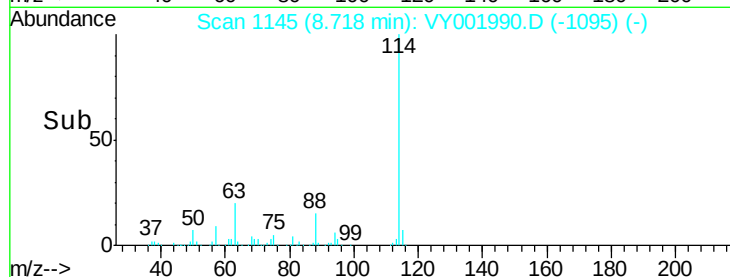
88 15.2 0.0 30.4



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: 54.487 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001990.D

Acq: 17 Mar 2020 10:23

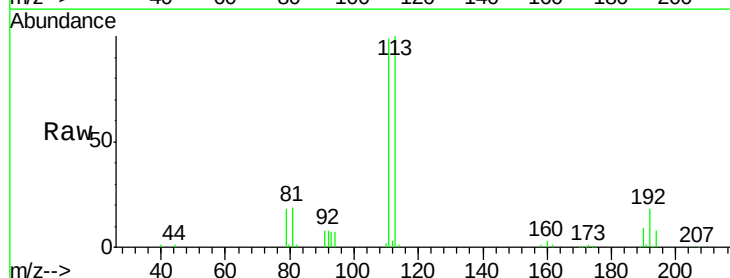
Tgt Ion:113 Resp: 80773

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

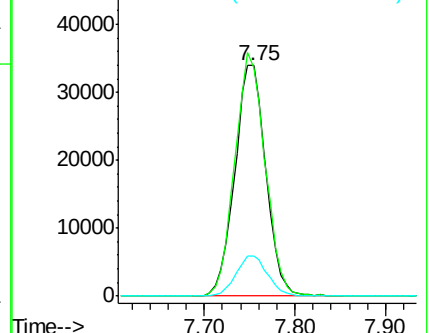
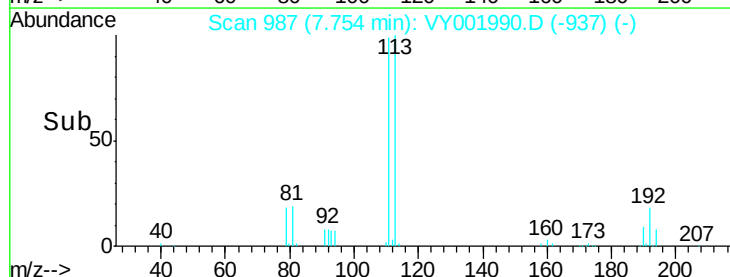
192 17.7 14.2 21.2

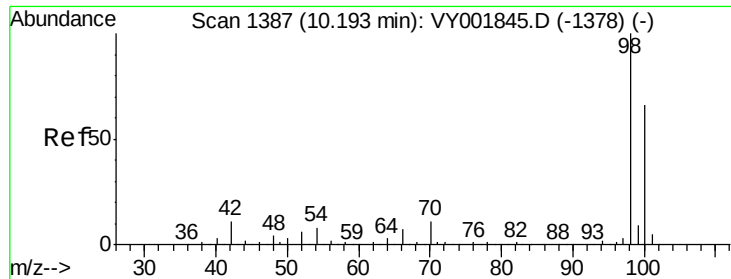


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.079 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001990.D

Acq: 17 Mar 2020 10:23

Instrument :

MSVOA_Y

ClientSampleId :

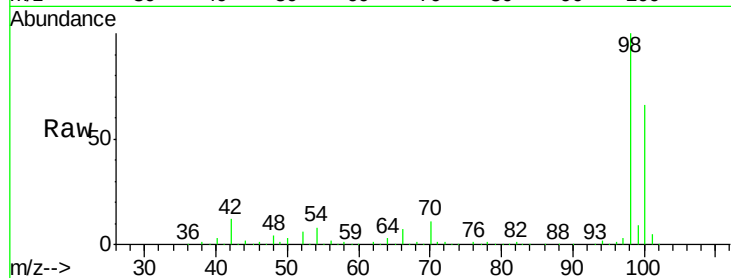
VY0317SBL01

Tot Ion: 98 Resp: 331799

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.20

150000

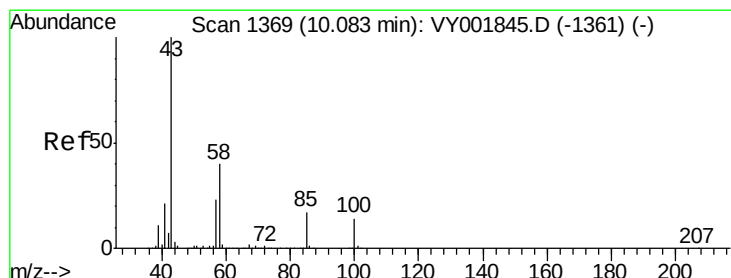
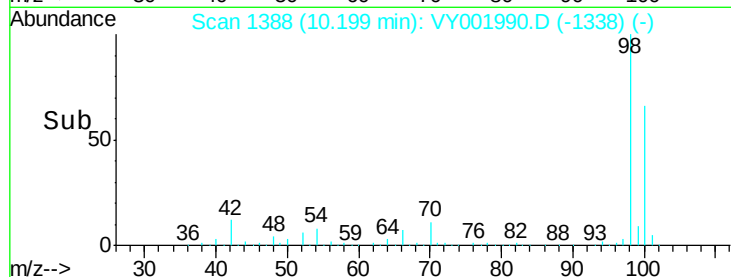
100000

50000

0

Time-->

10.10 10.20 10.30



#51

4-Methyl-2-Pentanone

Concen: 7.413 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001990.D

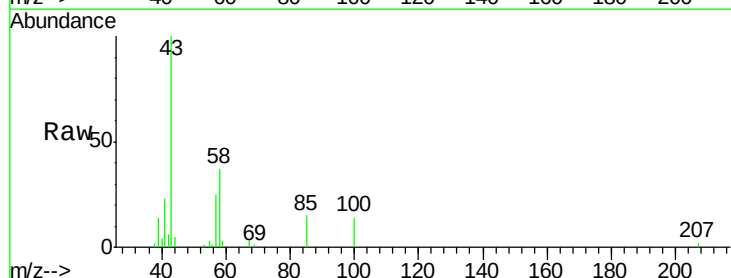
Acq: 17 Mar 2020 10:23

Tgt Ion: 43 Resp: 10976

Ion Ratio Lower Upper

43 100

58 41.0 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.09

6000

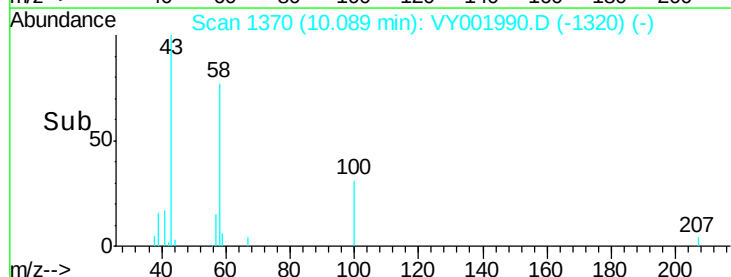
4000

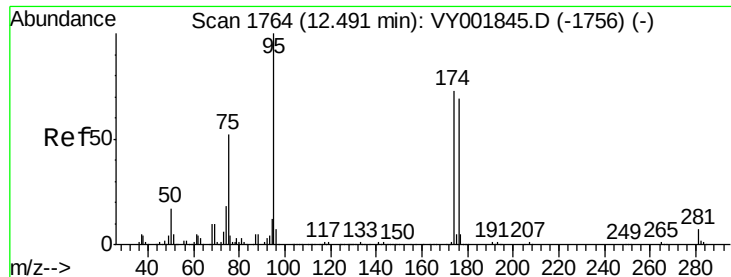
2000

0

Time-->

10.00 10.05 10.10 10.15

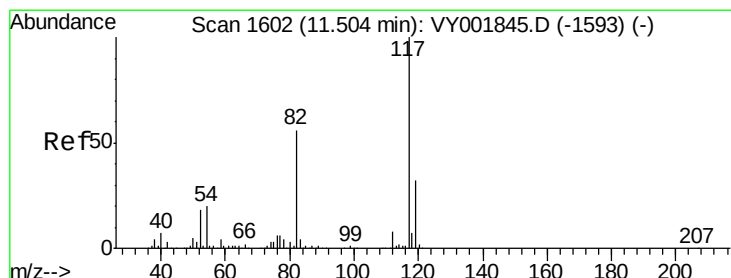
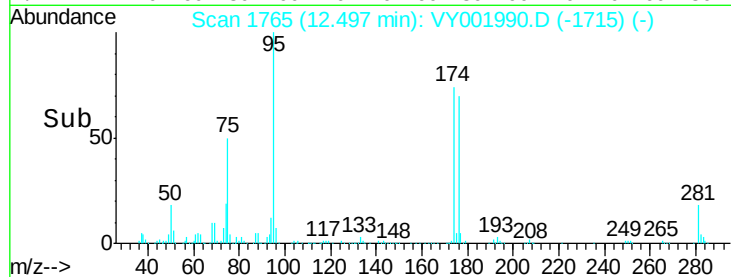
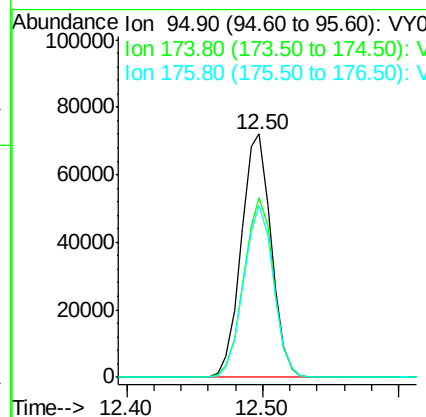
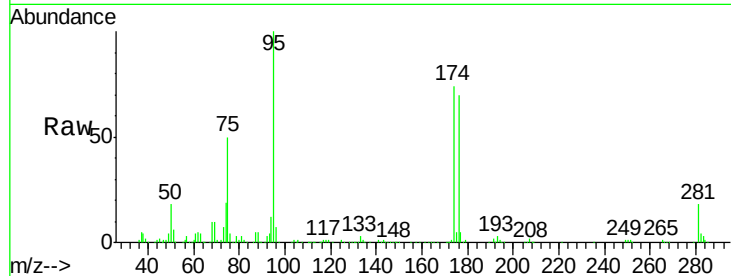




#62
4-Bromofluorobenzene
Concen: 50.746 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001990.D
Acq: 17 Mar 2020 10:23

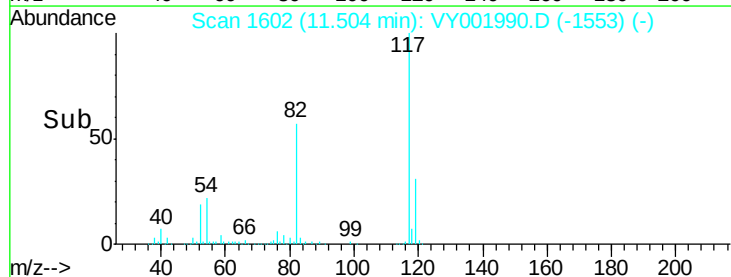
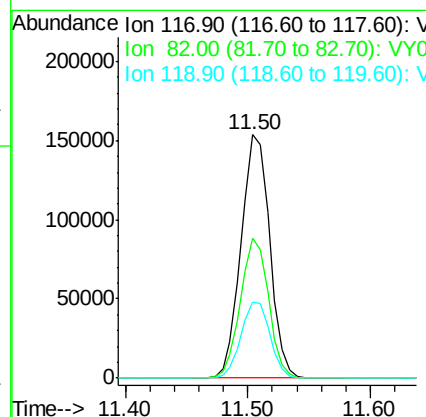
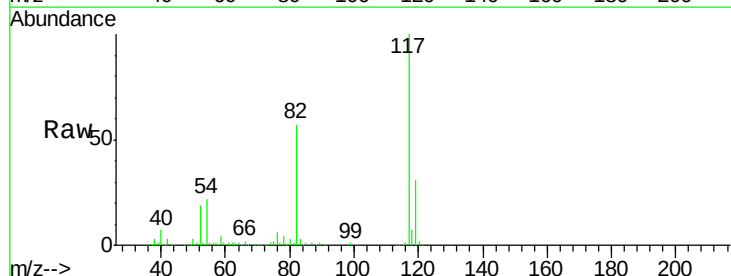
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

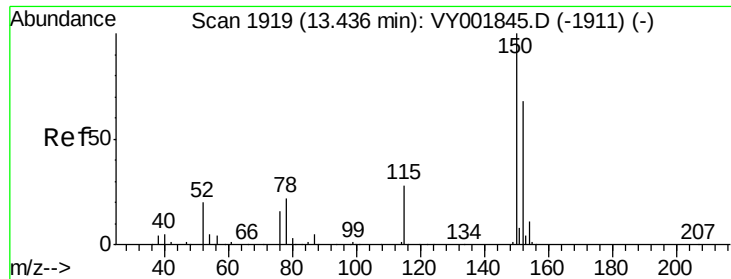
Tot Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	145.0
176	71.0	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001990.D
Acq: 17 Mar 2020 10:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.5	66.7
119	31.2	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001990.D

Acq: 17 Mar 2020 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBL01

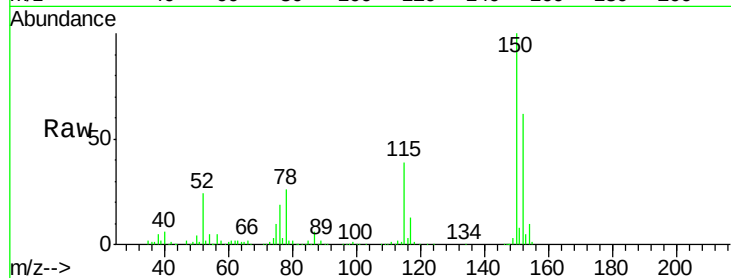
Tot Ion:152 Resp: 104570

Ion Ratio Lower Upper

152 100

115 61.6 29.9 89.7

150 158.6 0.0 340.6



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

