

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002738.D
 Acq On : 21 May 2020 13:26
 Operator : SY/MD
 Sample : L2728-04
 Misc : 6.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 239990

Quant Time: May 22 06:46:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

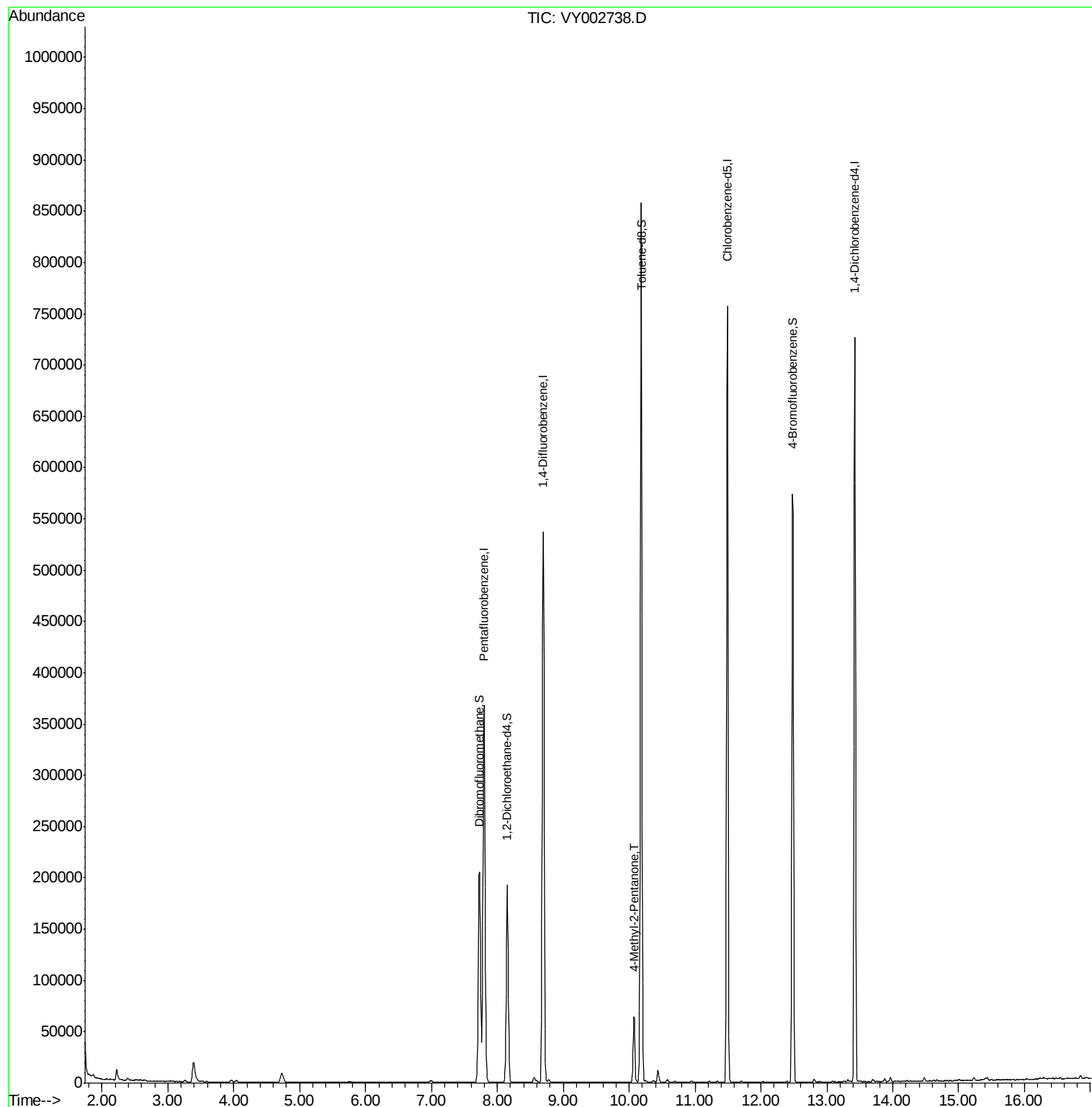
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	311010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	494882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	438980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	195420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	144058	59.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.44%	
35) Dibromofluoromethane	7.72	113	148175	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
50) Toluene-d8	10.18	98	581932	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.48	95	179969	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
Target Compounds						
51) 4-Methyl-2-Pentanone	10.08	43	42253	21.371	ug/l	Qvalue 98

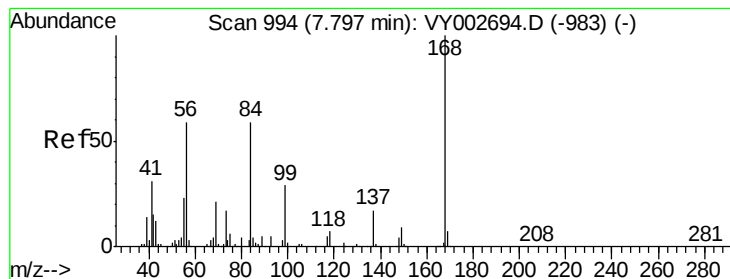
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

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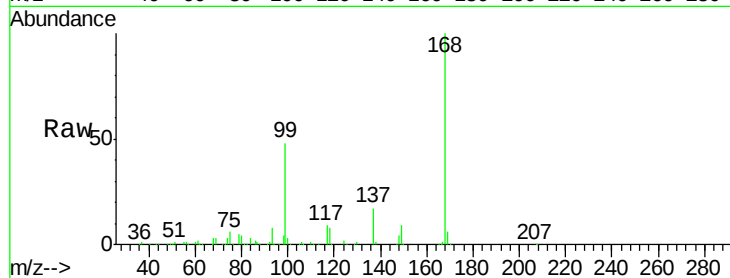
239990

Tot Ion:168 Resp: 311010

Ion Ratio Lower Upper

168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002738.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002738.D (-945) (-)

7.80

150000

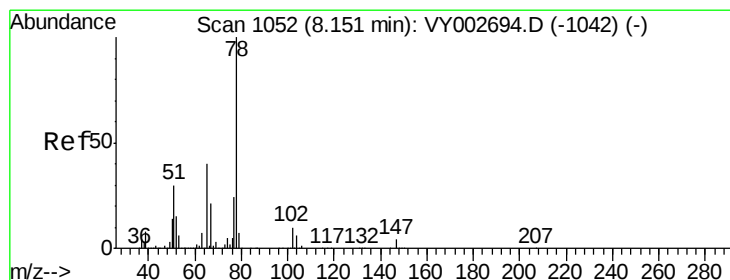
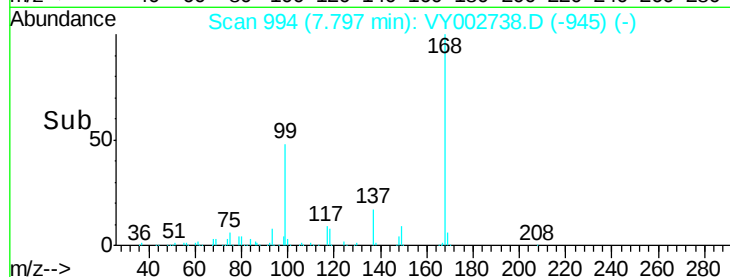
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.216 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002738.D

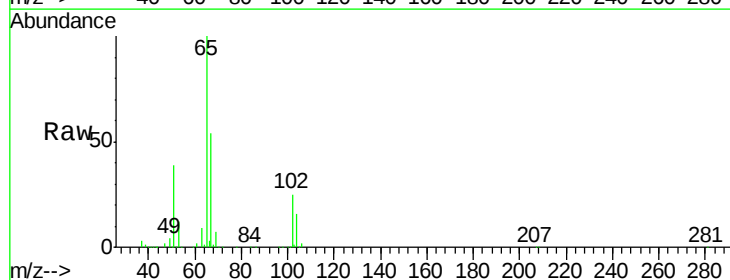
Acq: 21 May 2020 13:26

Tgt Ion: 65 Resp: 144058

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY002738.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002738.D (-1003) (-)

8.15

80000

60000

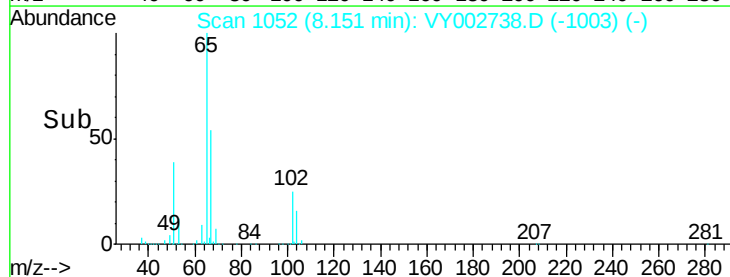
40000

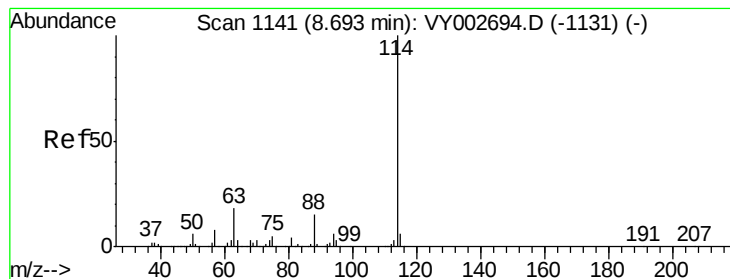
20000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY002738.D

Acq: 21 May 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

239990

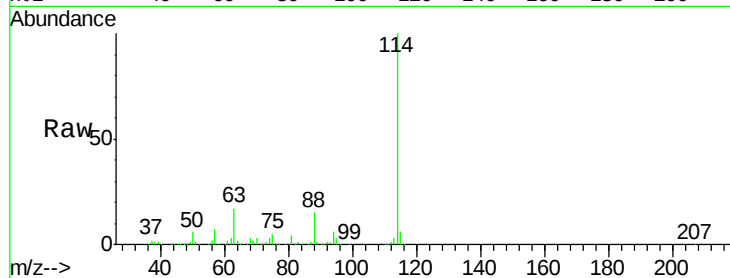
Tot Ion:114 Resp: 494882

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.4

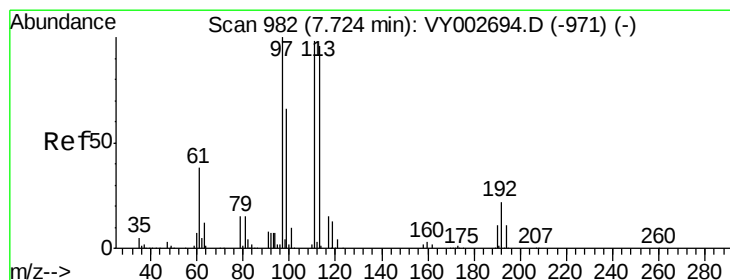
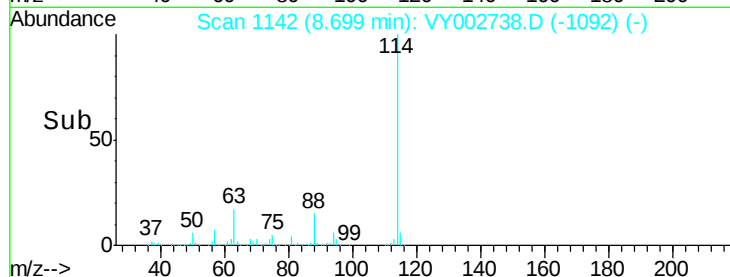
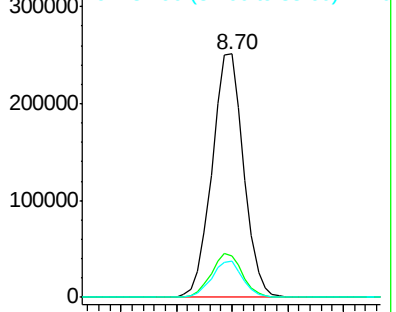
88 14.7 0.0 29.4



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: 54.254 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY002738.D

Acq: 21 May 2020 13:26

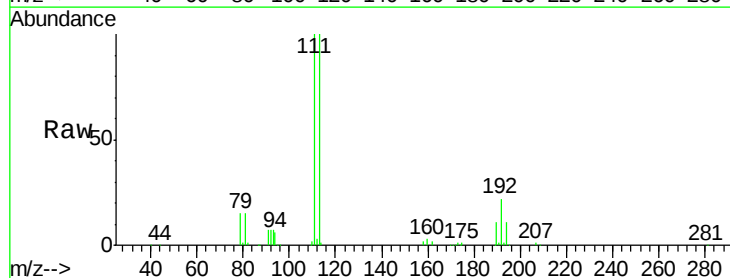
Tgt Ion:113 Resp: 148175

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

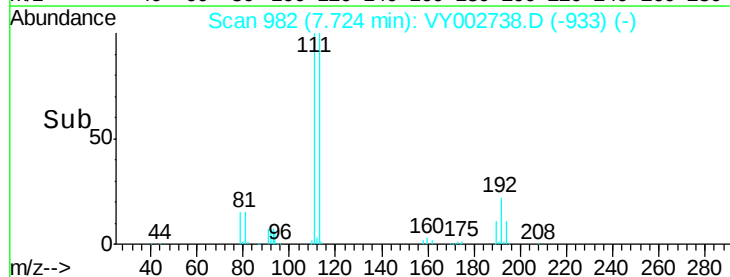
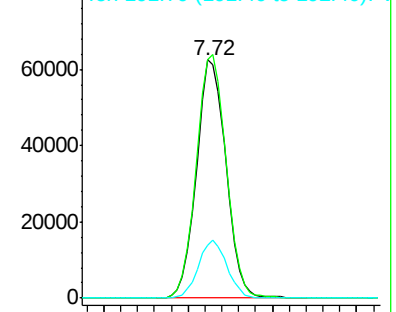
192 23.7 18.6 27.8

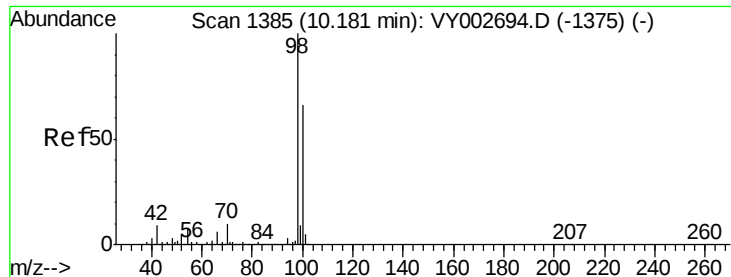


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.923 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002738.D

Acq: 21 May 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

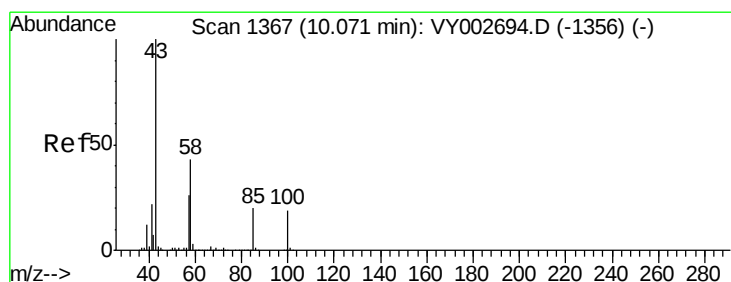
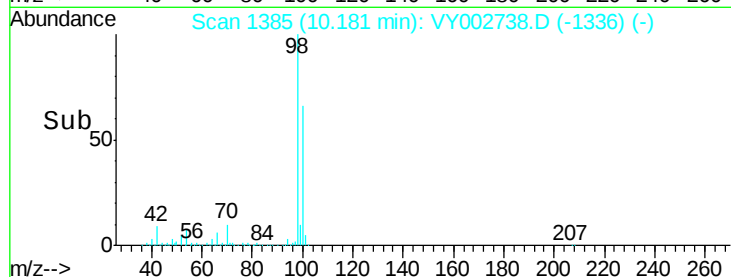
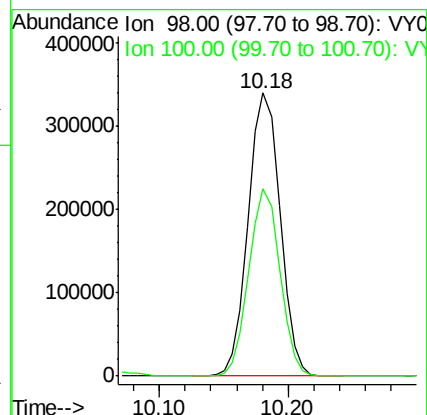
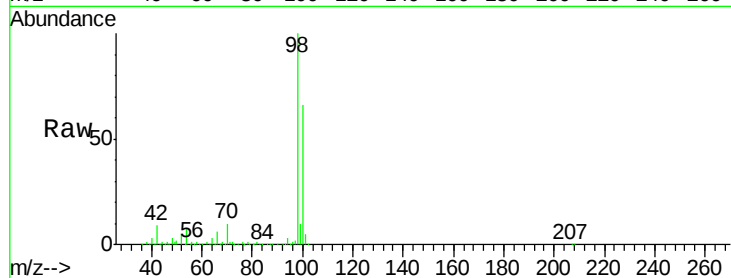
239990

Tot Ion: 98 Resp: 581932

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 21.371 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VY002738.D

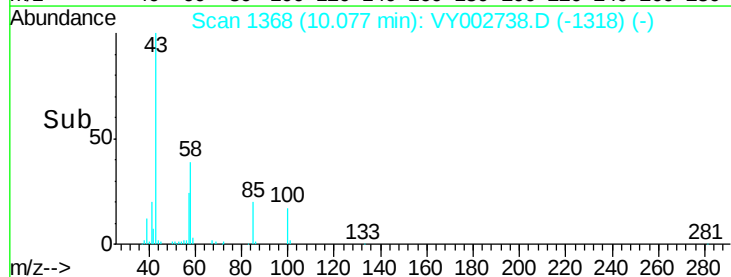
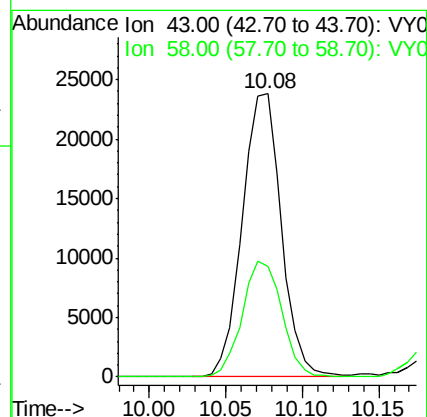
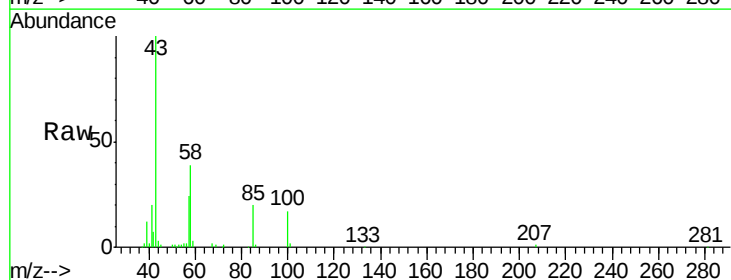
Acq: 21 May 2020 13:26

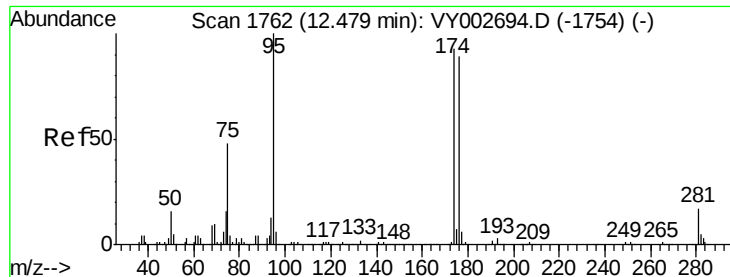
Tgt Ion: 43 Resp: 42253

Ion Ratio Lower Upper

43 100

58 41.3 34.1 51.1

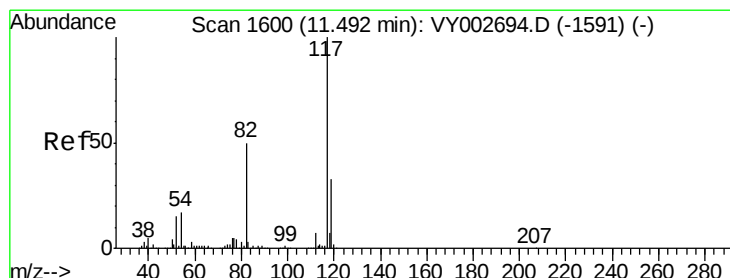
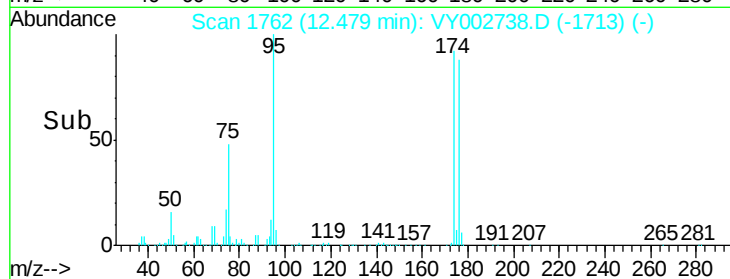
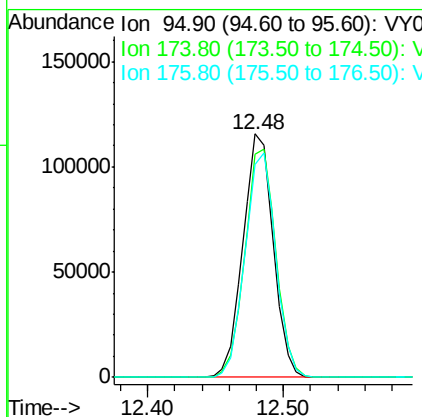
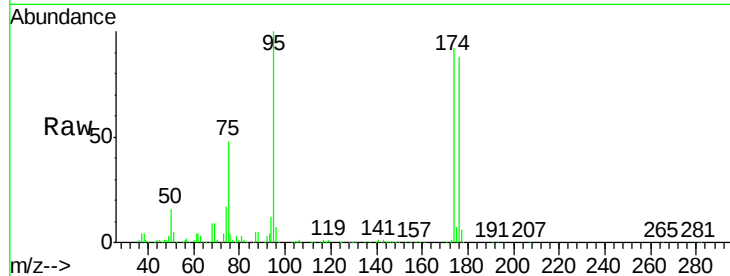




#62
4-Bromofluorobenzene
Concen: 47.620 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY002738.D
Acq: 21 May 2020 13:26

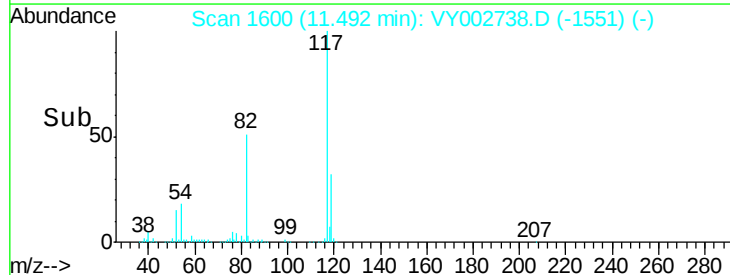
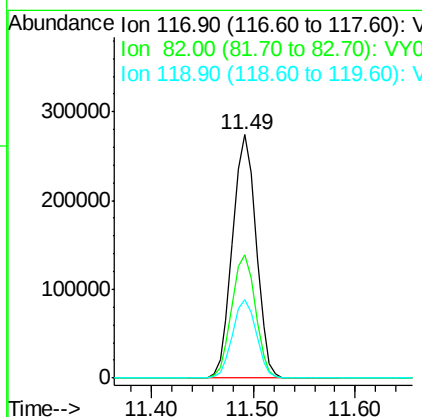
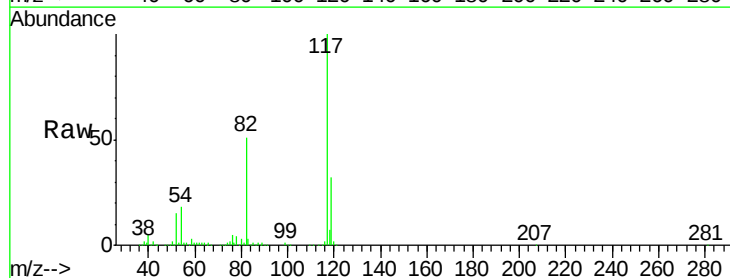
Instrument :
MSVOA_Y
ClientSampleId :
239990

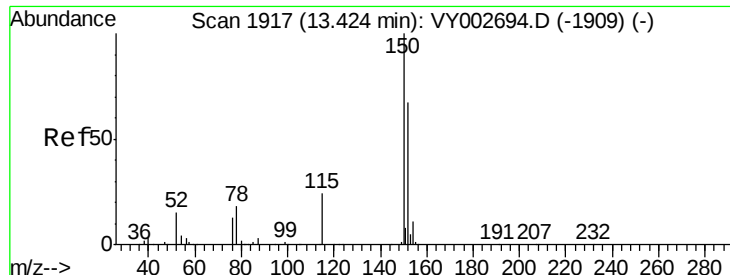
Tot Ion: 95 Resp: 179969
Ion Ratio Lower Upper
95 100
174 95.9 0.0 191.4
176 93.5 0.0 186.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002738.D
Acq: 21 May 2020 13:26

Tgt Ion: 117 Resp: 438980
Ion Ratio Lower Upper
117 100
82 50.5 40.3 60.5
119 32.2 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002738.D

Acq: 21 May 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

239990

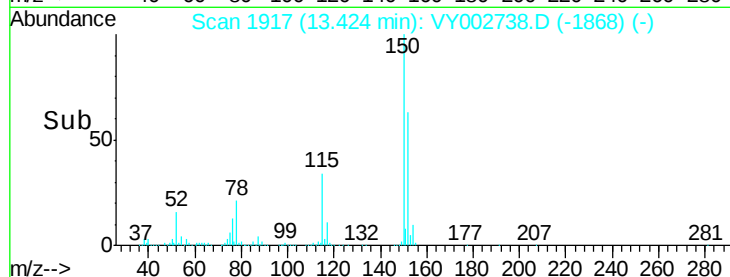
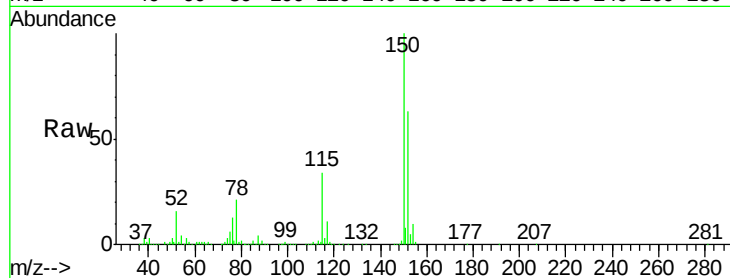
Tot Ion:152 Resp: 195420

Ion Ratio Lower Upper

152 100

115 54.5 27.2 81.6

150 158.1 0.0 343.8



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

