

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
 Data File : VY000060.D
 Acq On : 18 Sep 2019 15:11
 Operator : SY/MD
 Sample : VY0918SBL01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBL01

Quant Time: Sep 19 04:46:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:28:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	107410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	208531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	177554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	75189	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	62726	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	7.72	113	61530	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	10.18	98	249071	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.48	95	86829	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

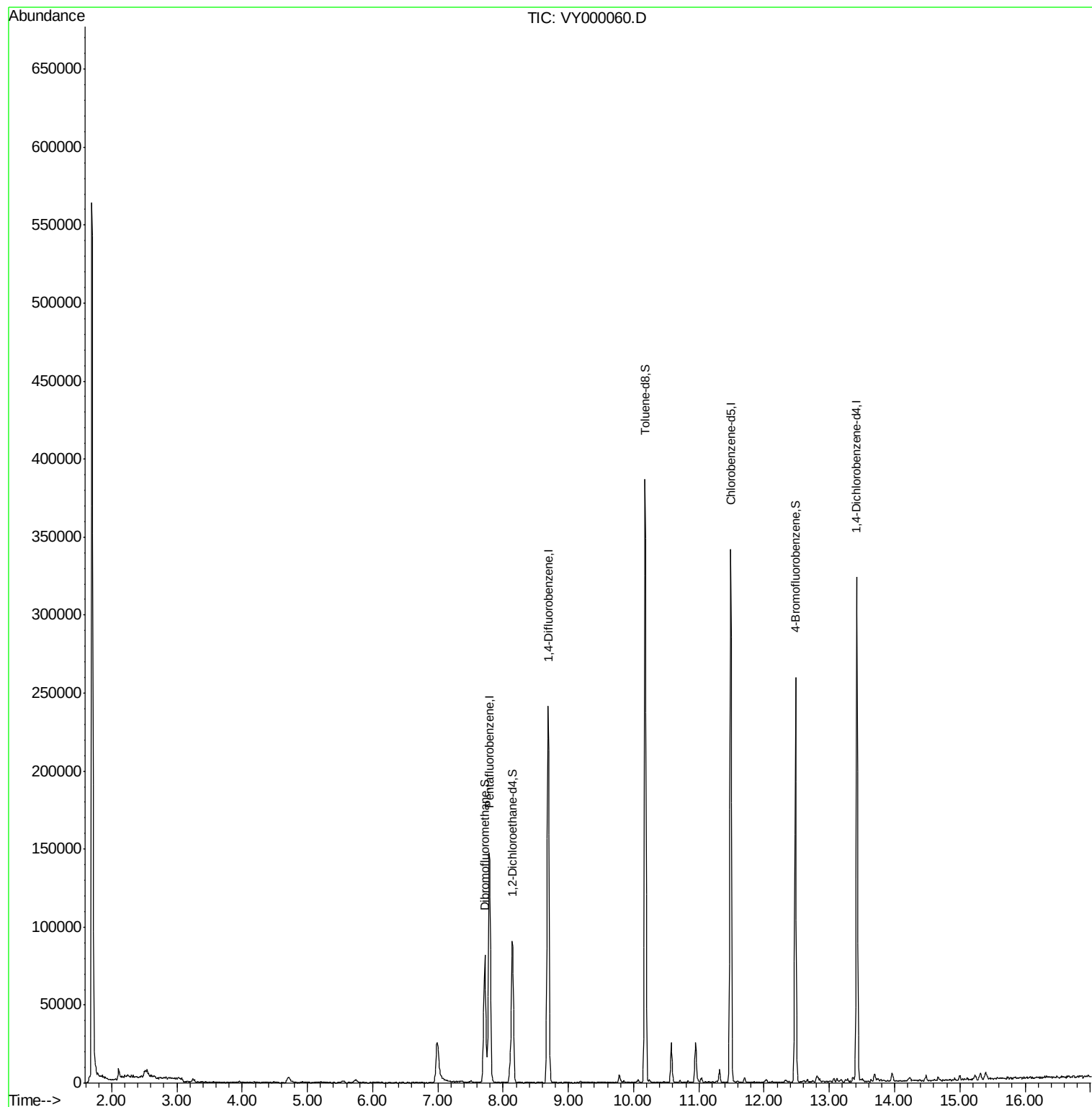
Target Compounds	Qvalue

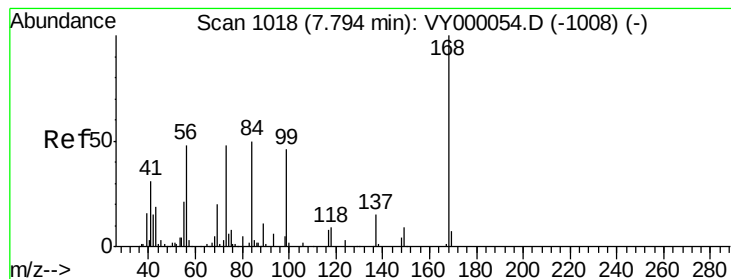
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000060.D

Acq: 18 Sep 2019 15:11

Instrument :

MSVOA_Y

ClientSampleId :

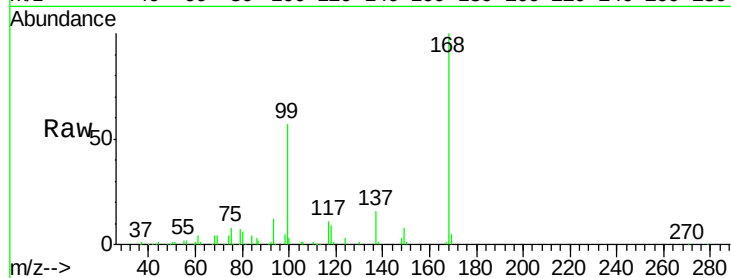
VY0918SBL01

Tot Ion:168 Resp: 107410

Ion Ratio Lower Upper

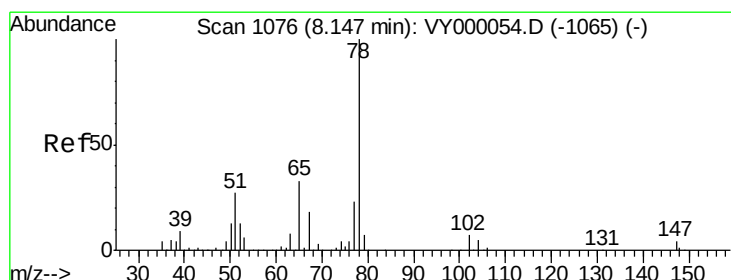
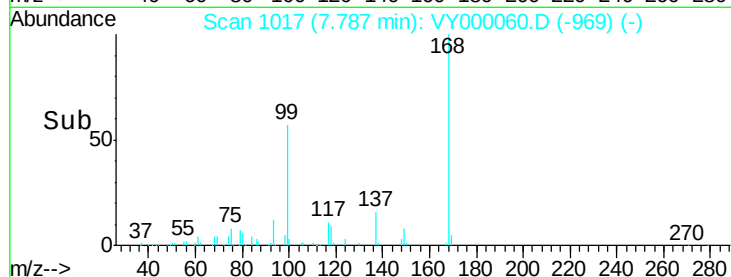
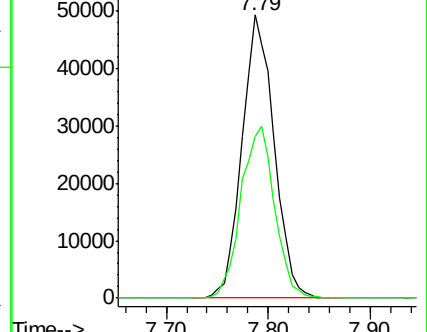
168 100

99 57.1 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

Ion 98.90 (98.60 to 99.60): VY000054.D (-1008) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.759 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY000060.D

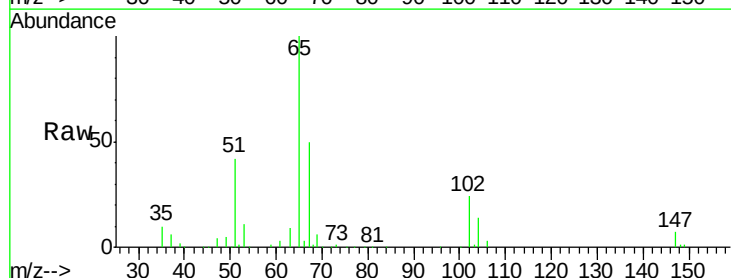
Acq: 18 Sep 2019 15:11

Tgt Ion: 65 Resp: 62726

Ion Ratio Lower Upper

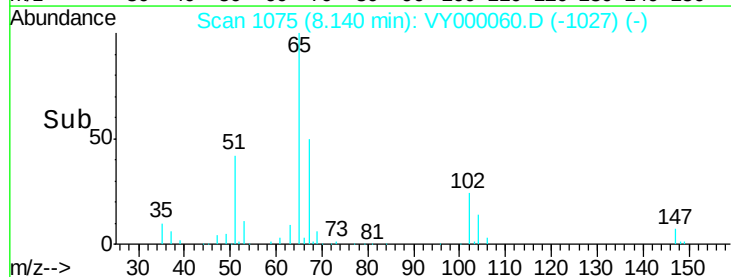
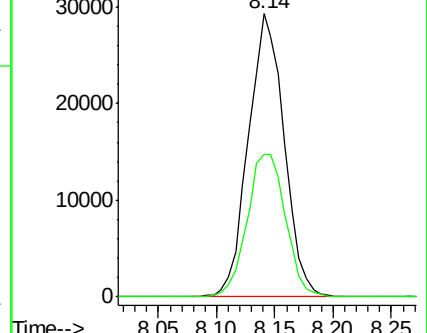
65 100

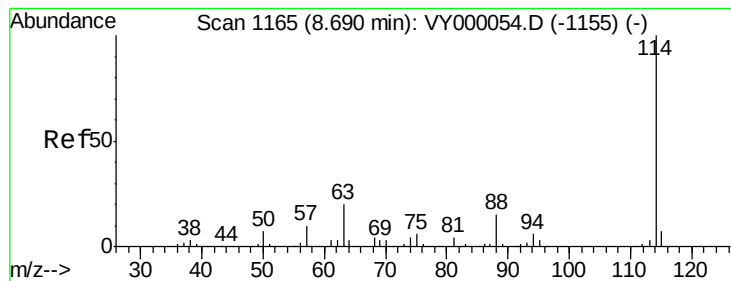
67 54.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY000054.D (-1065) (-)

Ion 66.90 (66.60 to 67.60): VY000054.D (-1065) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000060.D

Acq: 18 Sep 2019 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0918SBL01

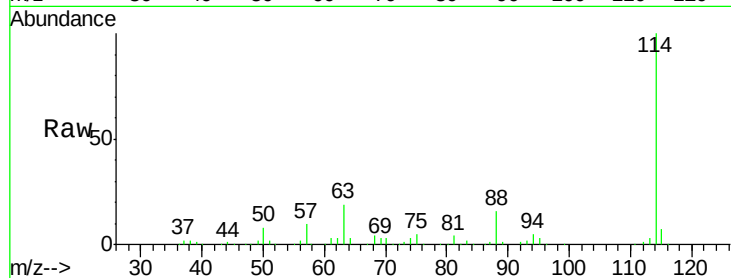
Tot Ion:114 Resp: 208531

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.4

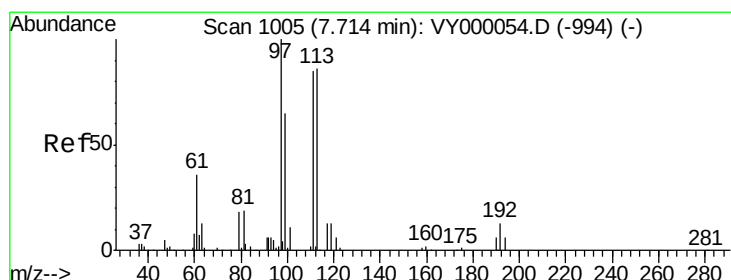
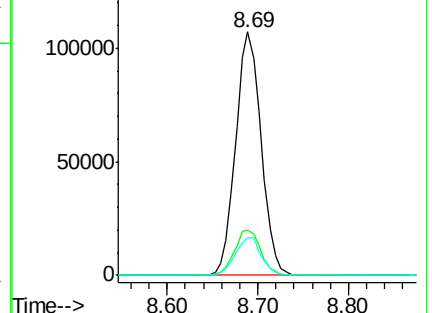
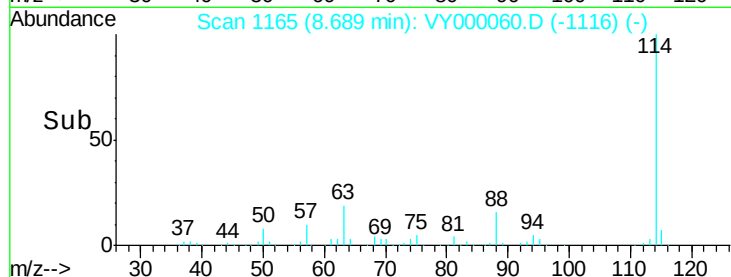
88 15.6 0.0 30.2



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: 48.733 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000060.D

Acq: 18 Sep 2019 15:11

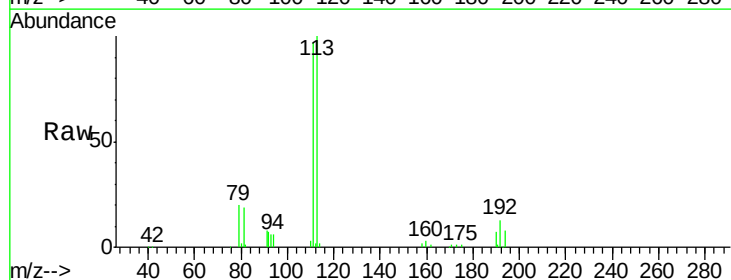
Tgt Ion:113 Resp: 61530

Ion Ratio Lower Upper

113 100

111 100.5 81.7 122.5

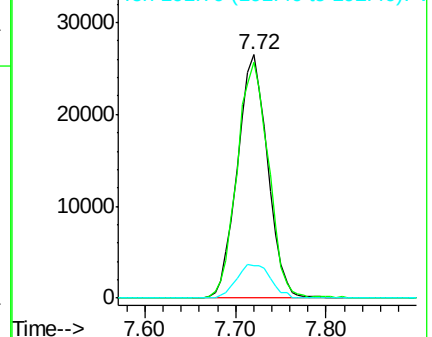
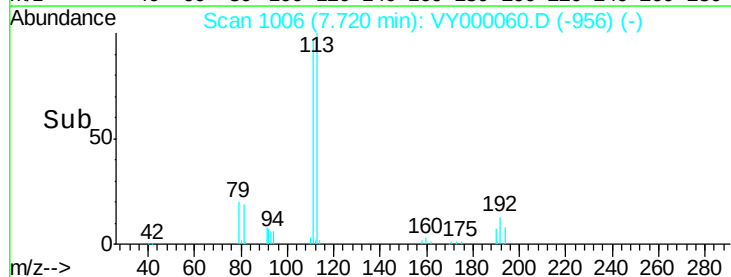
192 15.7 13.4 20.2

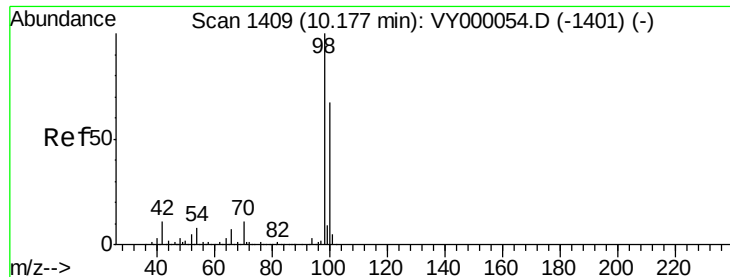


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.225 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000060.D

Acq: 18 Sep 2019 15:11

Instrument :

MSVOA_Y

ClientSampleId :

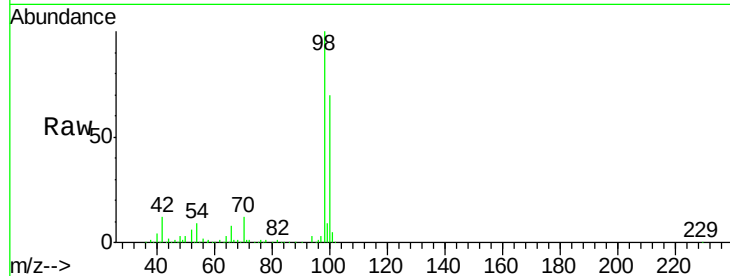
VY0918SBL01

Tot Ion: 98 Resp: 249071

Ion Ratio Lower Upper

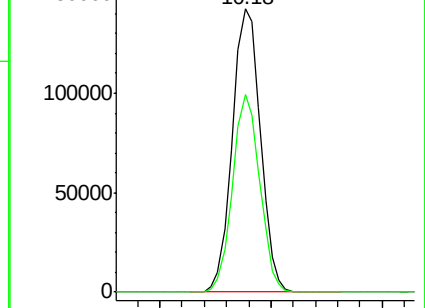
98 100

100 67.4 53.1 79.7

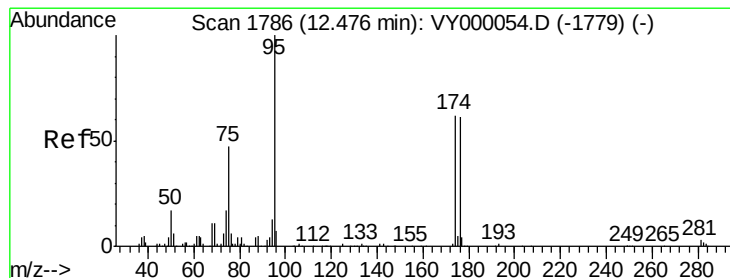
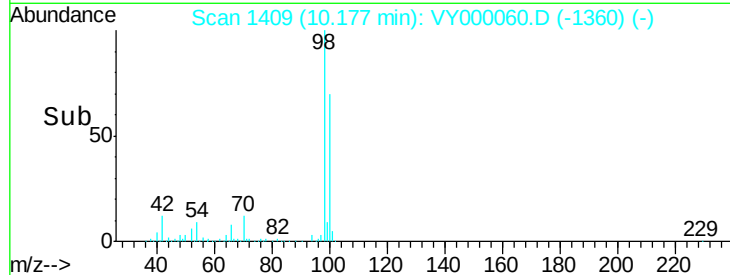


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



Time-->



#62

4-Bromofluorobenzene

Concen: 47.159 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. 0.01 min

Lab File: VY000060.D

Acq: 18 Sep 2019 15:11

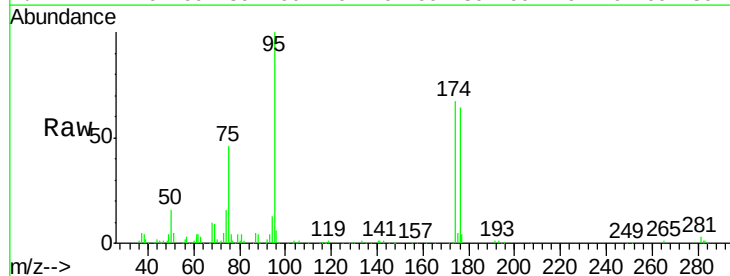
Tgt Ion: 95 Resp: 86829

Ion Ratio Lower Upper

95 100

174 64.9 0.0 137.2

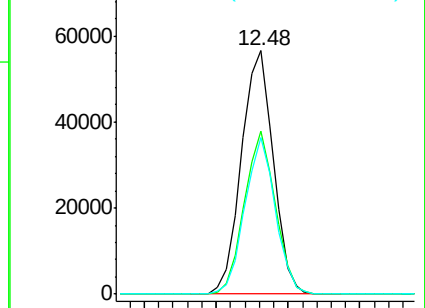
176 61.3 0.0 135.0



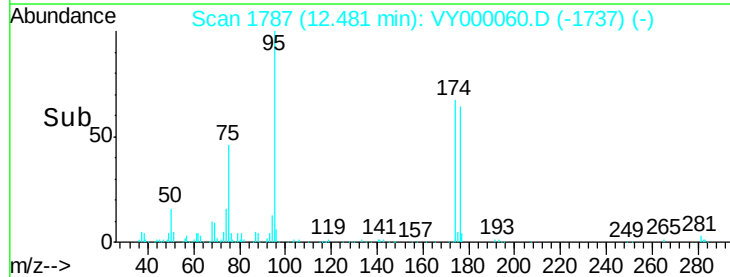
Abundance Ion 94.90 (94.60 to 95.60): VY0

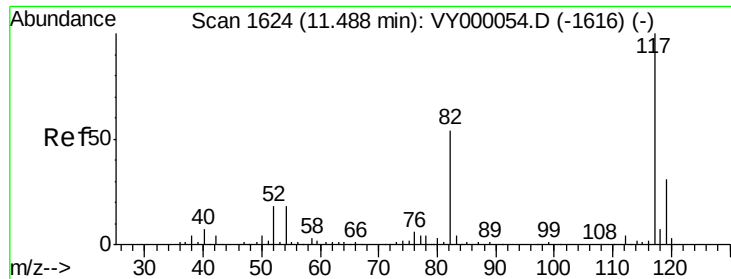
Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



Time-->

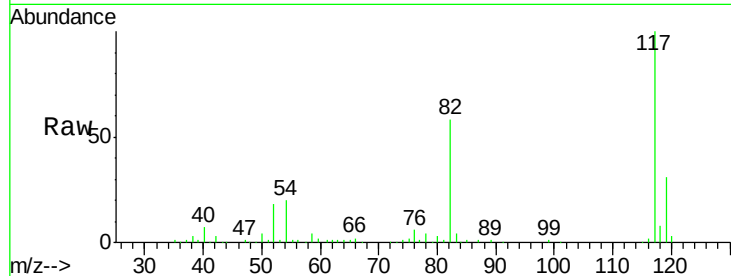




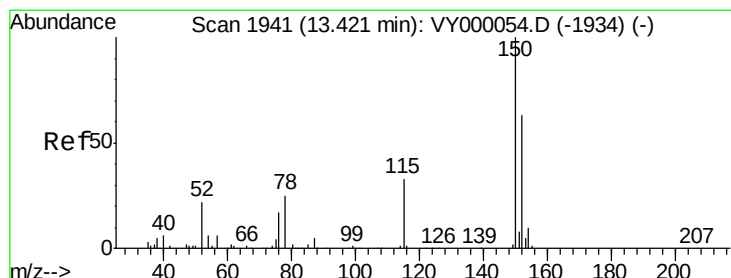
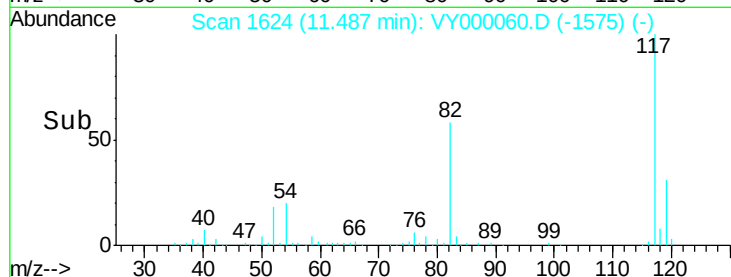
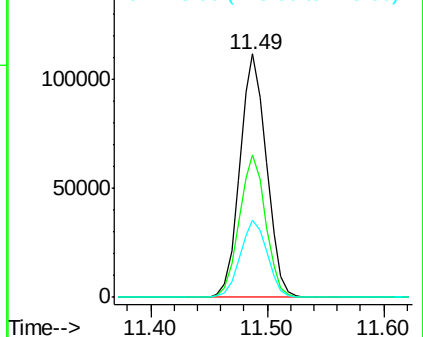
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0918SBL01

Tot Ion:117 Resp: 177554
Ion Ratio Lower Upper
117 100
82 58.4 43.5 65.3
119 31.5 24.6 36.8

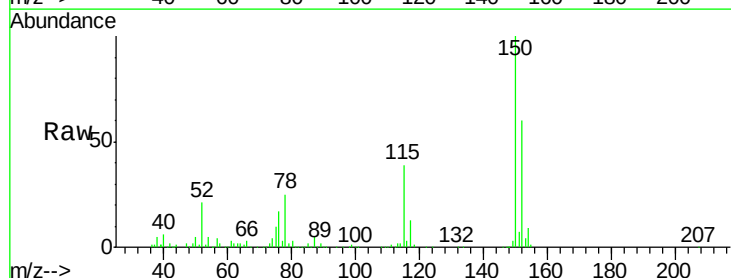


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000060.D
Acq: 18 Sep 2019 15:11

Tgt Ion:152 Resp: 75189
Ion Ratio Lower Upper
152 100
115 64.5 30.7 92.1
150 162.7 0.0 351.6



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

