

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000027.D
 Acq On : 12 Sep 2019 15:16
 Operator : SY/MD
 Sample : VY0912SBL03
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBL03

Quant Time: Sep 12 16:39:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 16:17:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	134043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	256116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	222626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	92007	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	71979	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
35) Dibromofluoromethane	7.72	113	71189	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	10.18	98	300282	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.48	95	103301	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

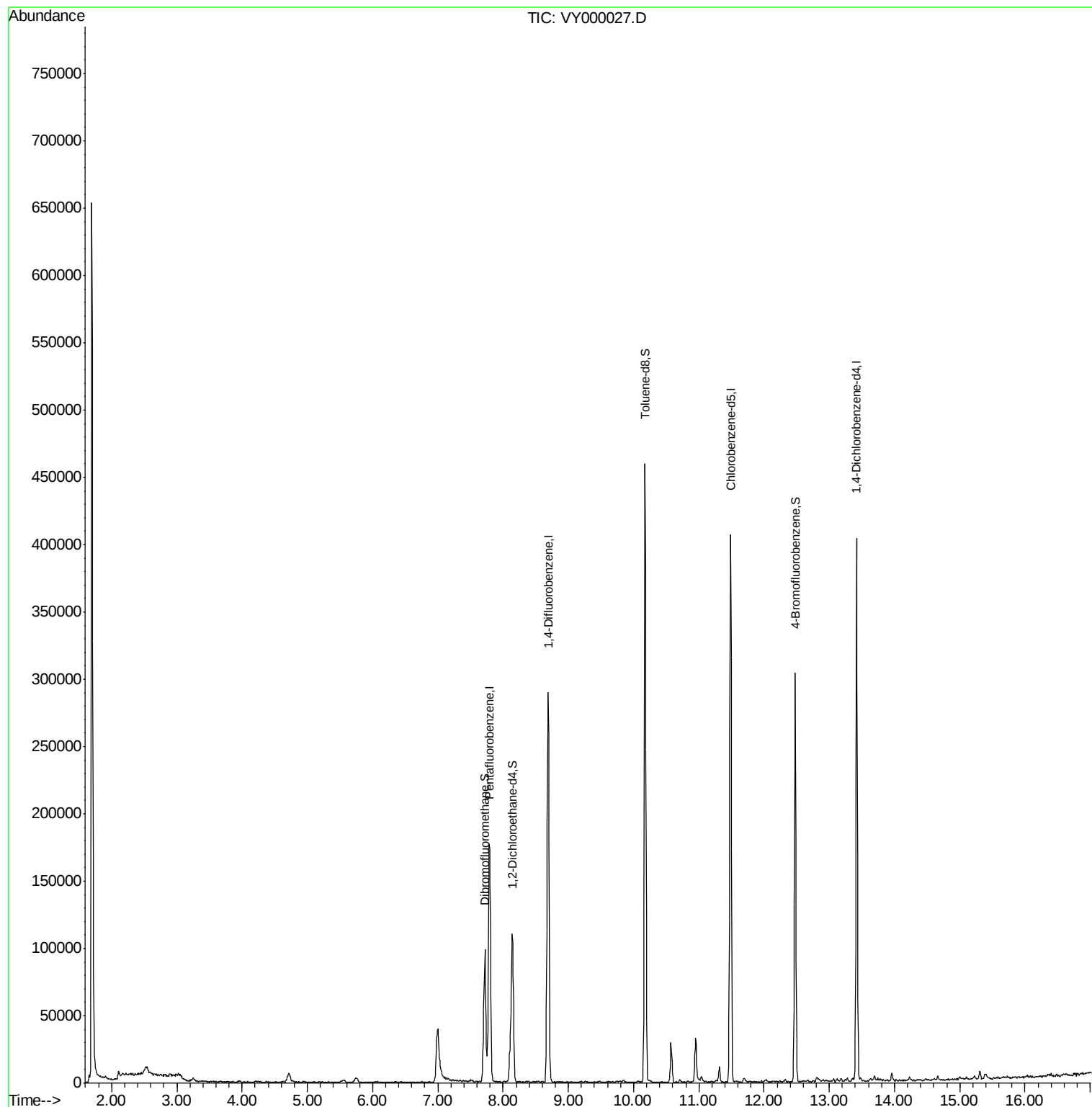
Target Compounds	Qvalue

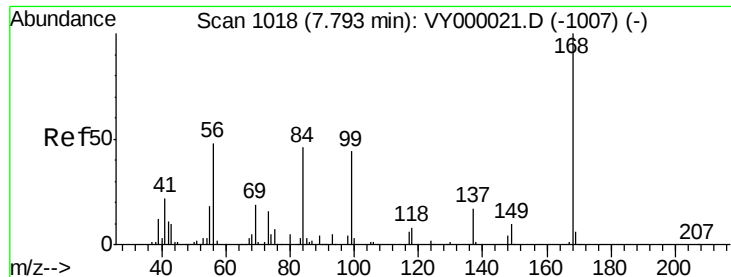
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000027.D

Acq: 12 Sep 2019 15:16

Instrument :

MSVOA_Y

ClientSampleId :

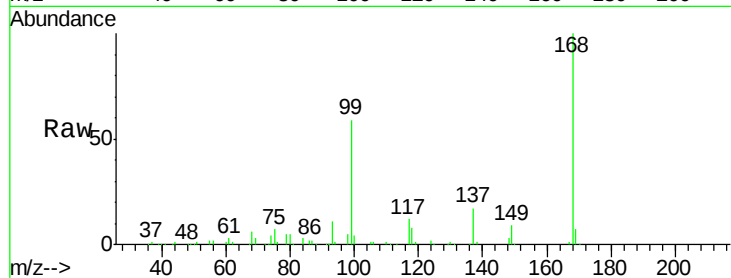
VY0912SBL03

Tot Ion:168 Resp: 134043

Ion Ratio Lower Upper

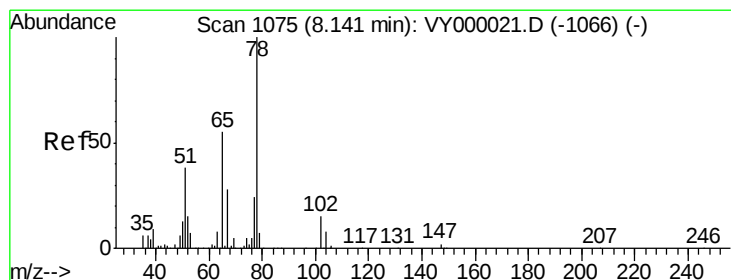
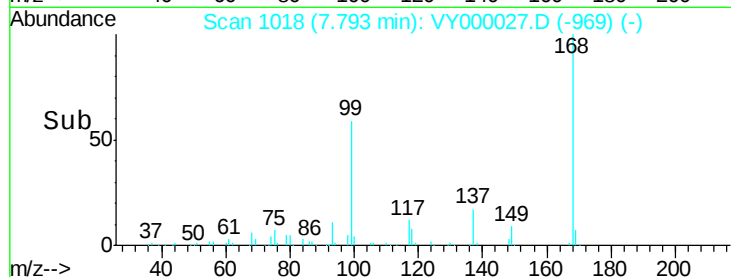
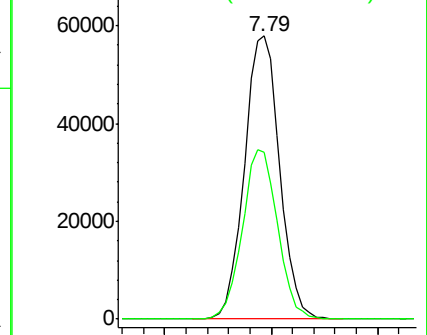
168 100

99 59.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 49.850 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY000027.D

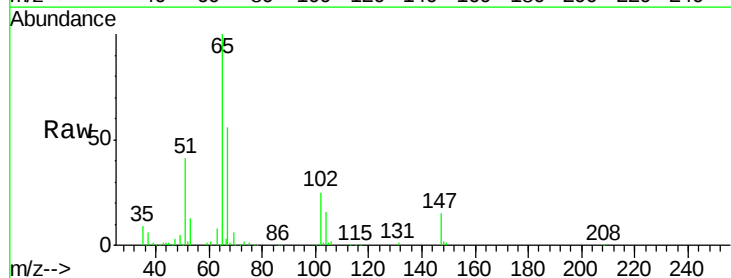
Acq: 12 Sep 2019 15:16

Tgt Ion: 65 Resp: 71979

Ion Ratio Lower Upper

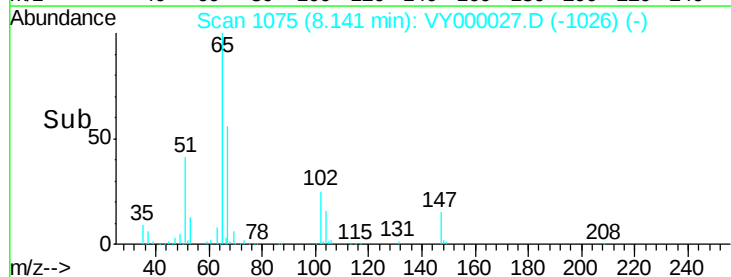
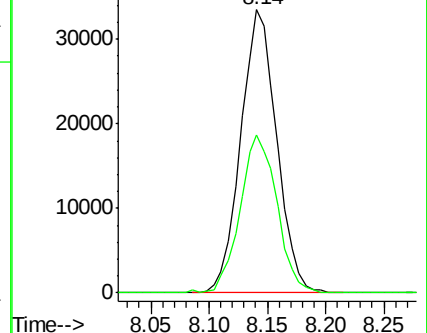
65 100

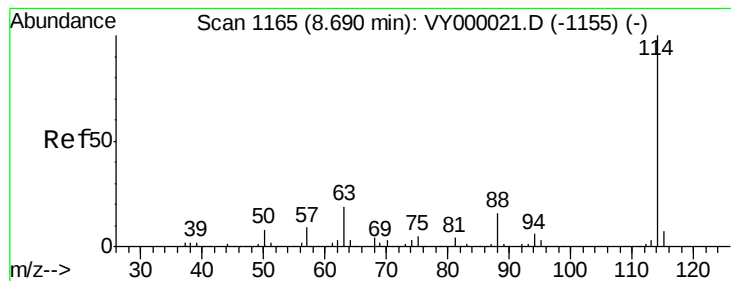
67 57.2 0.0 104.4



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: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000027.D

Acq: 12 Sep 2019 15:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBL03

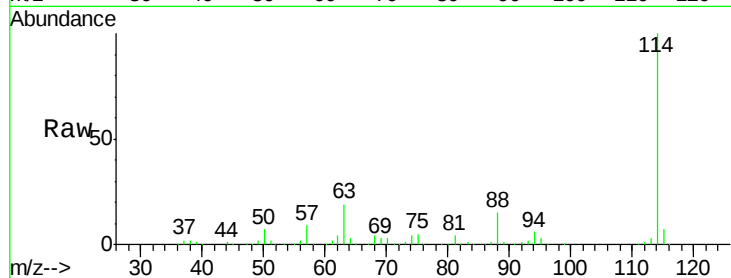
Tot Ion:114 Resp: 256116

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

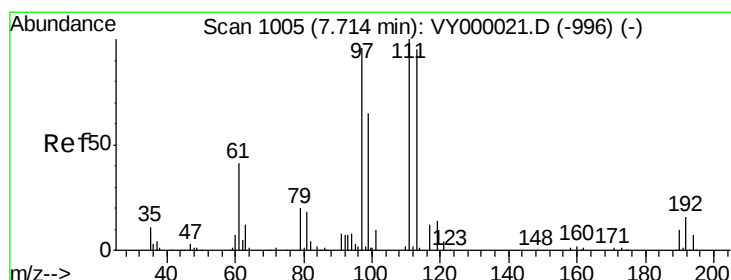
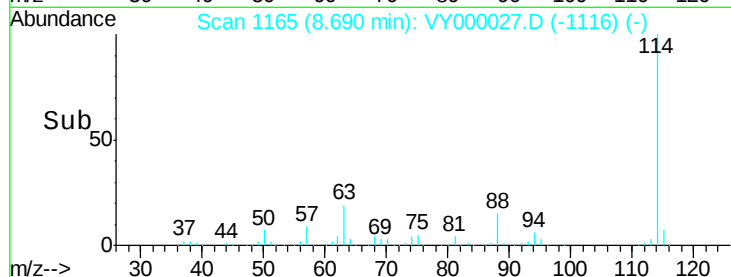
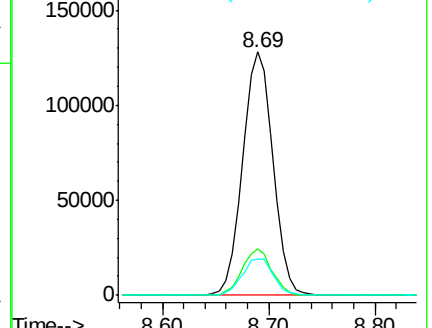
88 14.8 0.0 31.8



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: 48.450 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000027.D

Acq: 12 Sep 2019 15:16

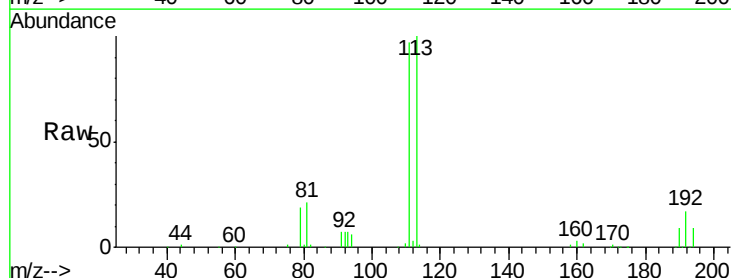
Tgt Ion:113 Resp: 71189

Ion Ratio Lower Upper

113 100

111 102.5 83.9 125.9

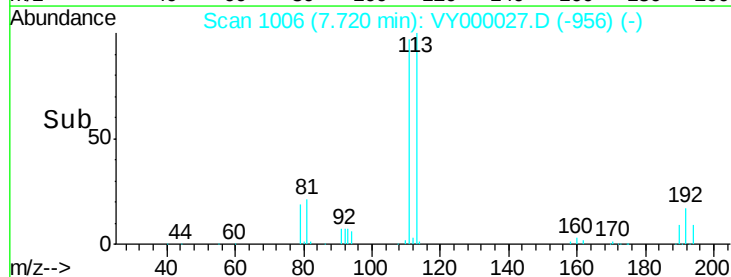
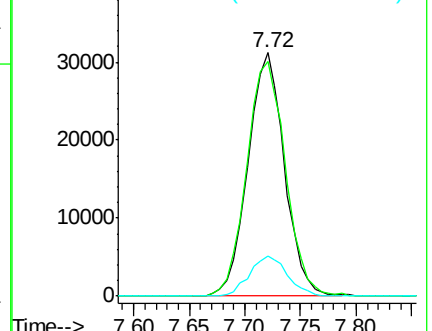
192 17.0 14.5 21.7

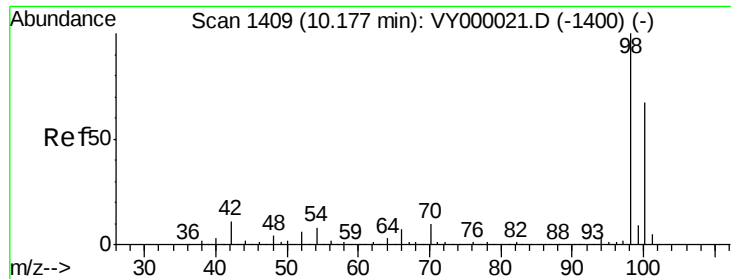


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.759 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000027.D

Acq: 12 Sep 2019 15:16

Instrument :

MSVOA_Y

ClientSampleId :

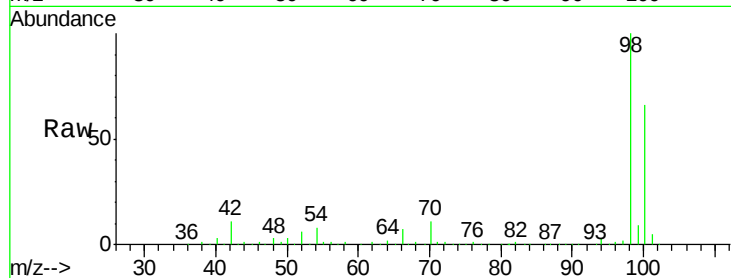
VY0912SBL03

Tot Ion: 98 Resp: 300282

Ion Ratio Lower Upper

98 100

100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

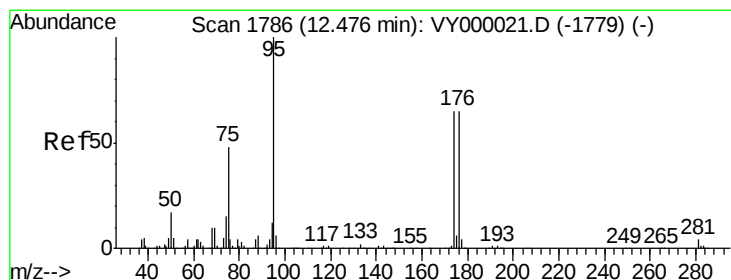
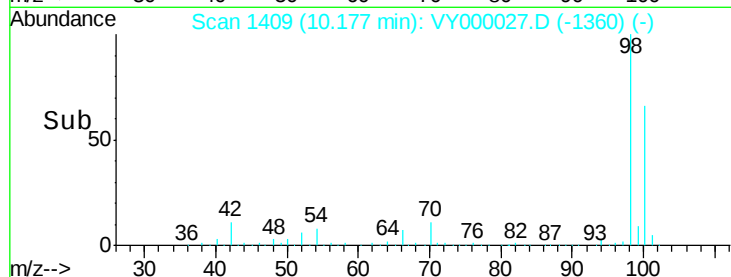
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.042 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000027.D

Acq: 12 Sep 2019 15:16

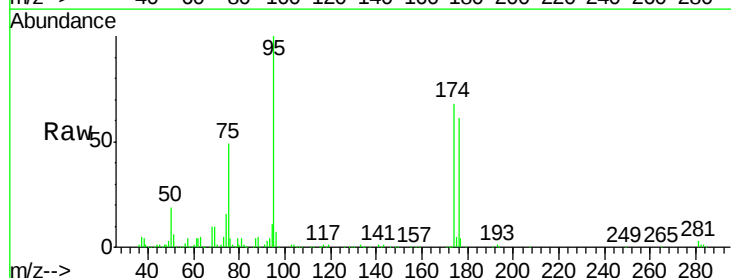
Tgt Ion: 95 Resp: 103301

Ion Ratio Lower Upper

95 100

174 67.4 0.0 137.6

176 64.2 0.0 134.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

80000

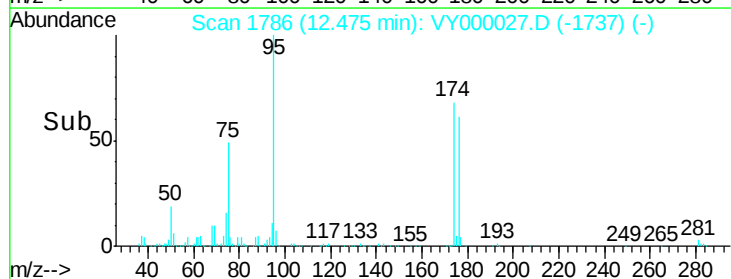
60000

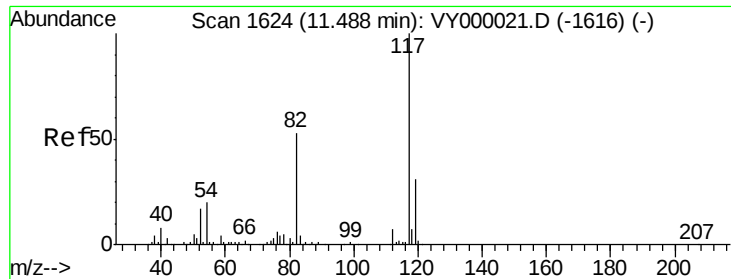
40000

20000

0

Time-->

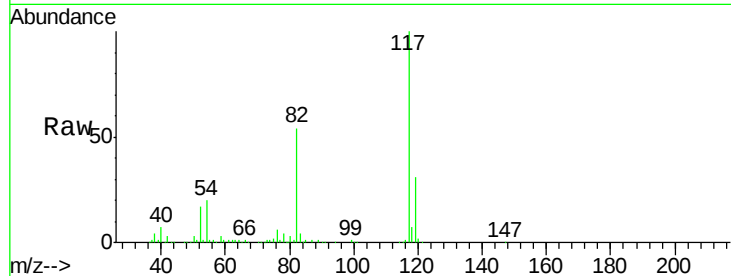




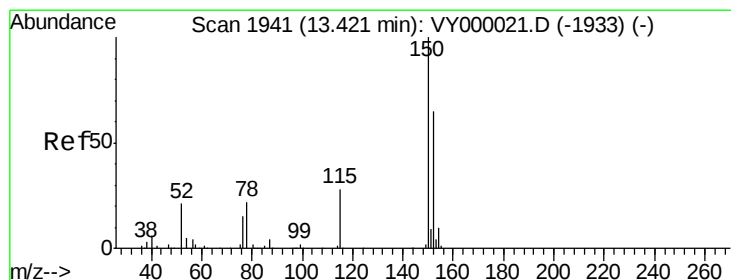
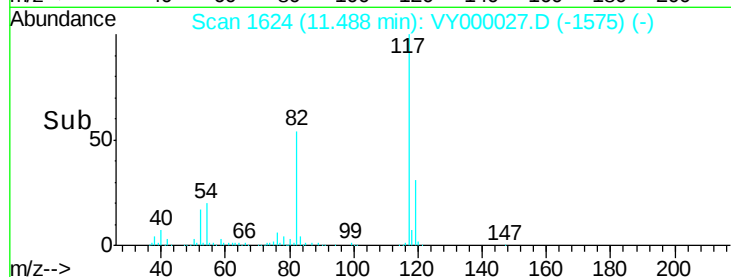
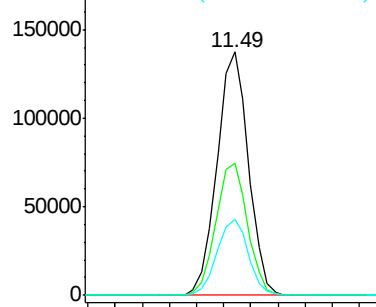
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000027.D
Acq: 12 Sep 2019 15:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBL03

Tot Ion:117 Resp: 222626
Ion Ratio Lower Upper
117 100
82 54.3 42.5 63.7
119 31.3 25.1 37.7

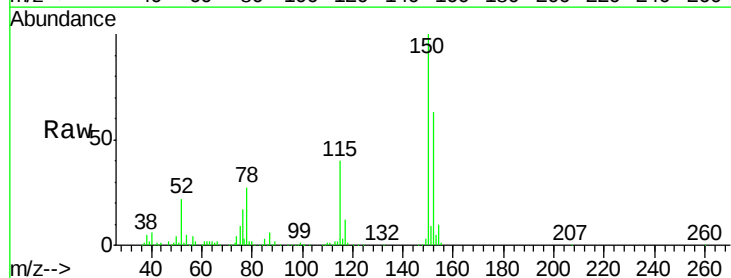


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000027.D
Acq: 12 Sep 2019 15:16

Tgt Ion:152 Resp: 92007
Ion Ratio Lower Upper
152 100
115 64.9 29.4 88.2
150 162.4 0.0 349.0



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

