

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001267.D
 Acq On : 17 Jan 2020 15:54
 Operator : SY/MD
 Sample : VY0117SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBL01

Quant Time: Jan 18 03:37:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	183446	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.71	114	329312	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.50	117	293298	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	132687	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	104326	53.85	ug/l	0.02
Spiked Amount	50.000		Recovery	=	107.70%	
35) Dibromofluoromethane	7.75	113	96495	50.05	ug/l	0.03
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.19	98	380567	51.22	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.49	95	138798	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	

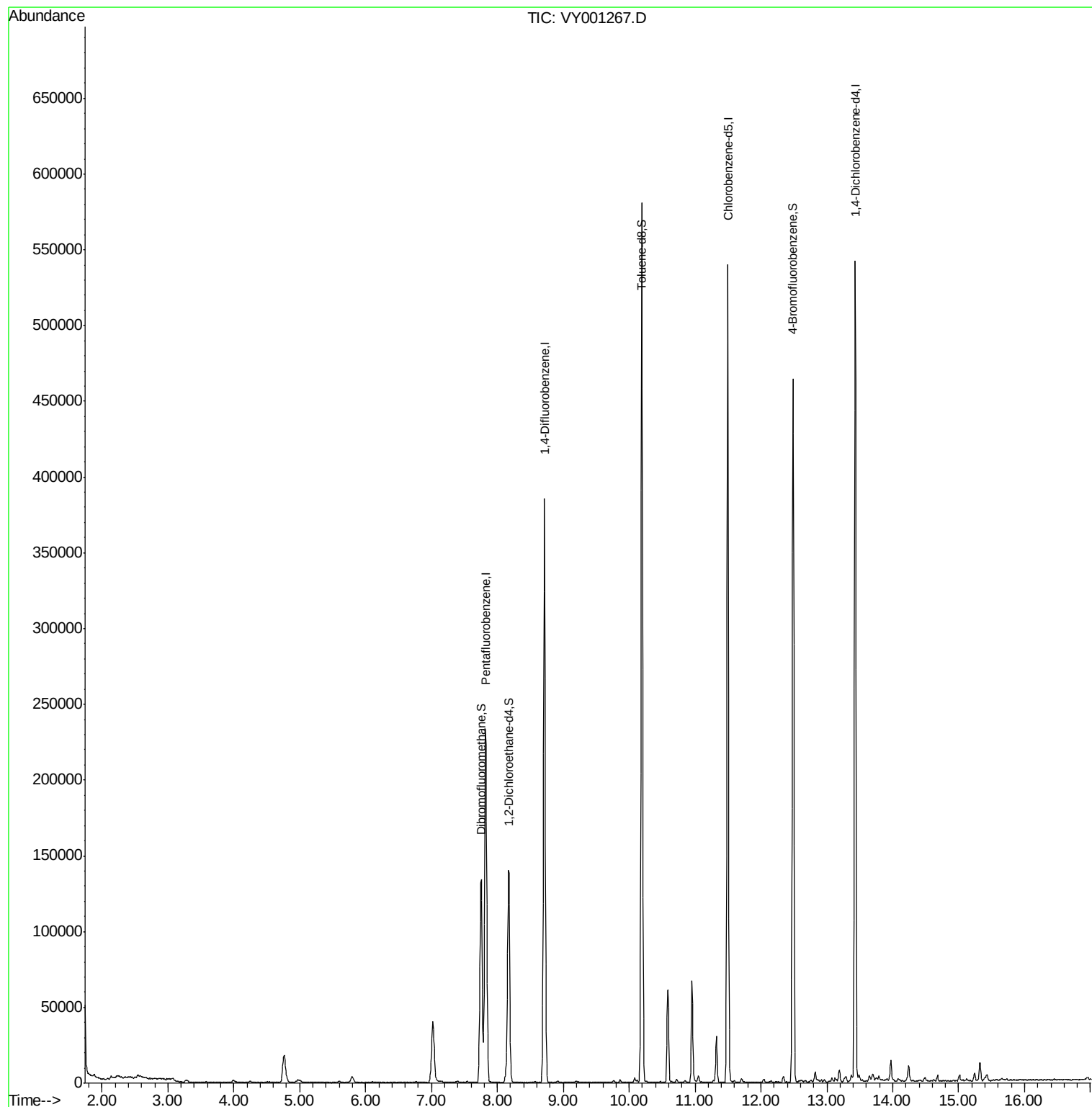
Target Compounds	Qvalue
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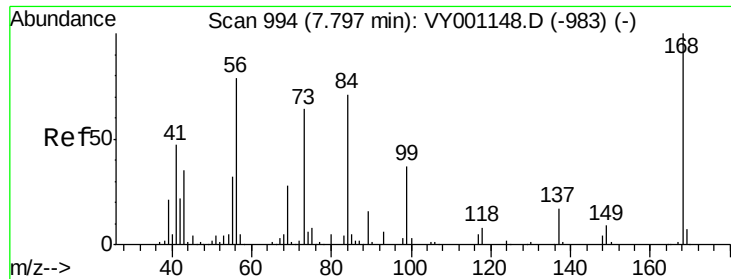
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.02 min

Lab File: VY001267.D

Acq: 17 Jan 2020 15:54

Instrument :

MSVOA_Y

ClientSampleId :

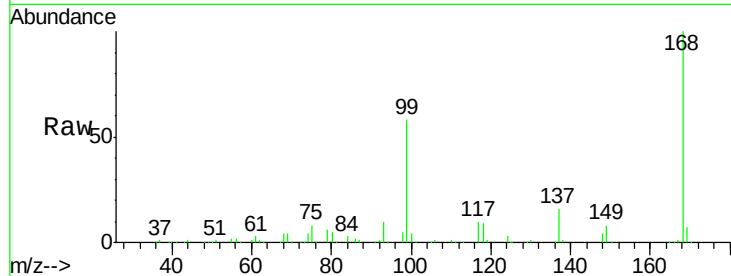
VY0117SBL01

Tot Ion:168 Resp: 183446

Ion Ratio Lower Upper

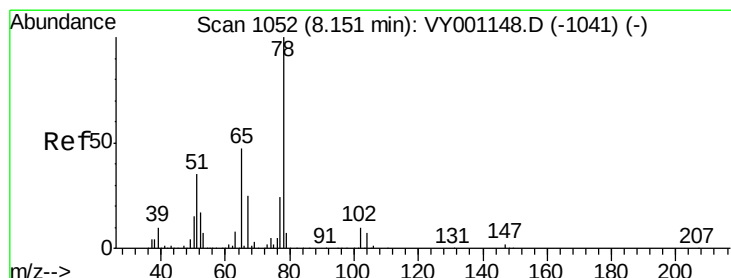
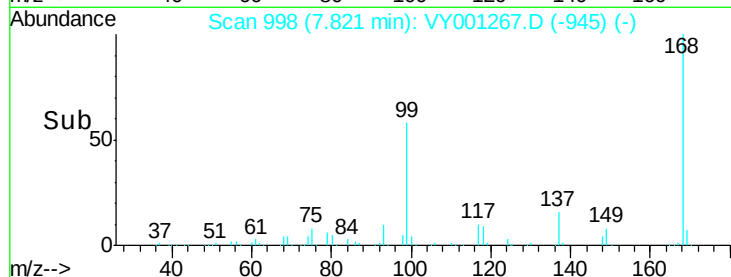
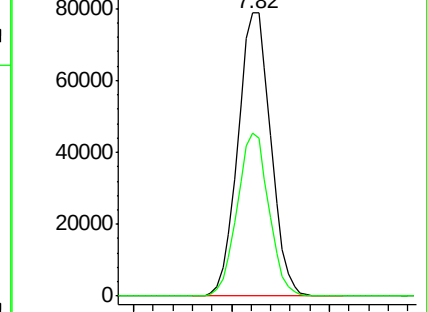
168 100

99 57.7 47.9 71.9



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: 53.845 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.02 min

Lab File: VY001267.D

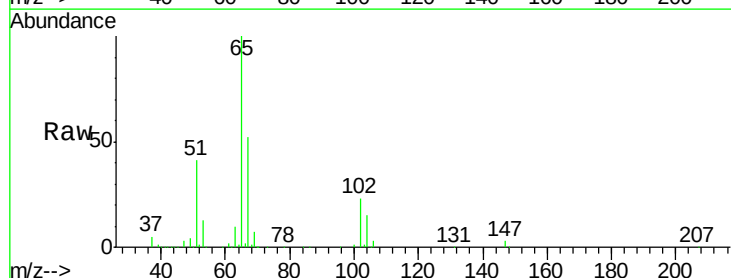
Acq: 17 Jan 2020 15:54

Tgt Ion: 65 Resp: 104326

Ion Ratio Lower Upper

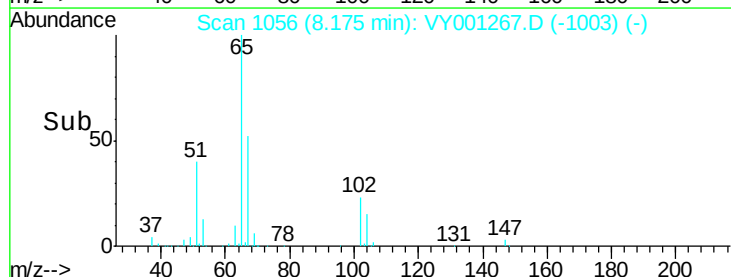
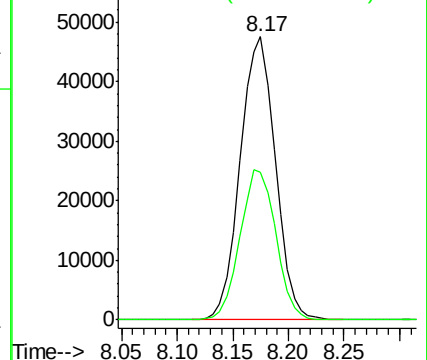
65 100

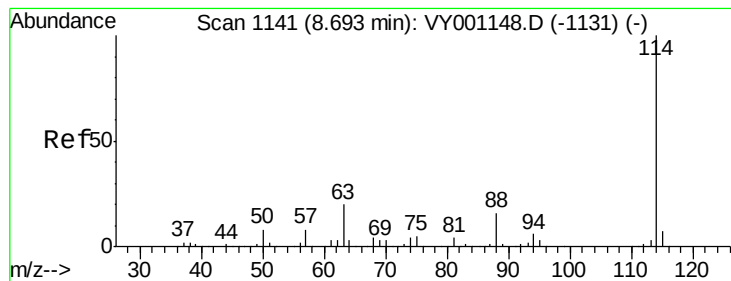
67 54.0 0.0 105.2



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: 8.71 min Scan# 1144

Delta R.T. 0.02 min

Lab File: VY001267.D

Acq: 17 Jan 2020 15:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBL01

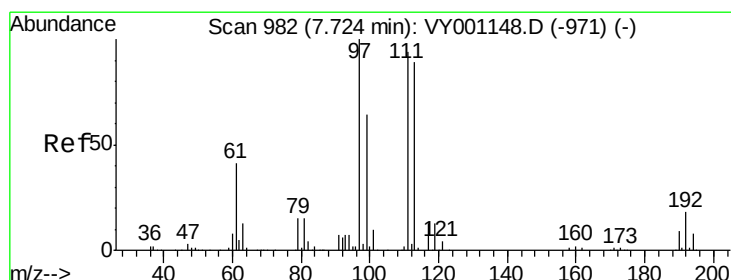
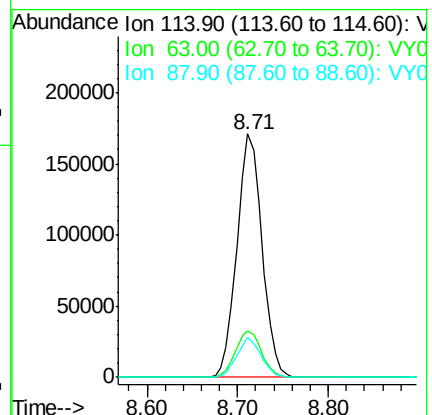
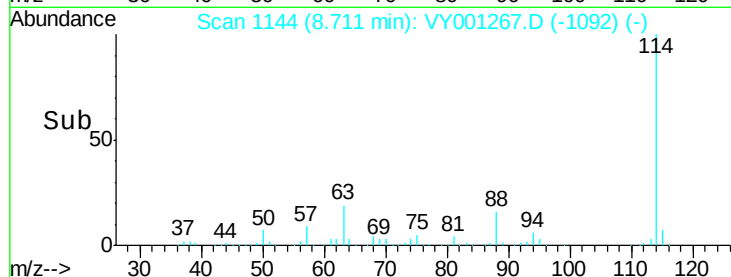
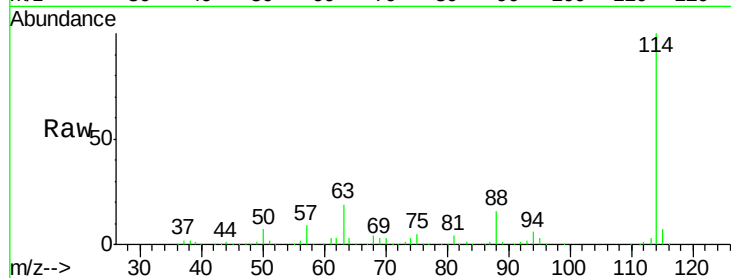
Tot Ion:114 Resp: 329312

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

88 16.3 0.0 32.4



#35

Dibromofluoromethane

Concen: 50.046 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.03 min

Lab File: VY001267.D

Acq: 17 Jan 2020 15:54

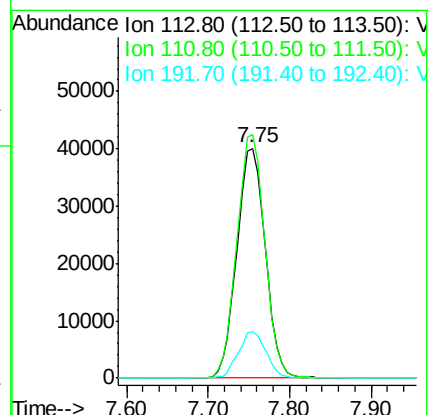
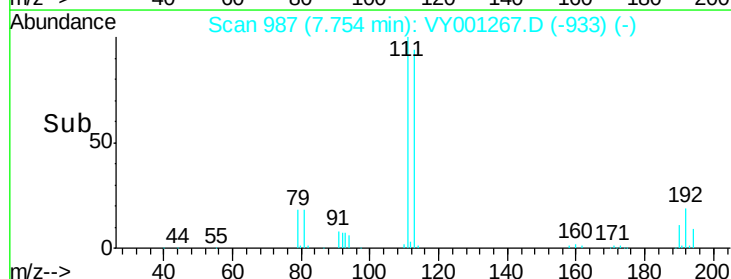
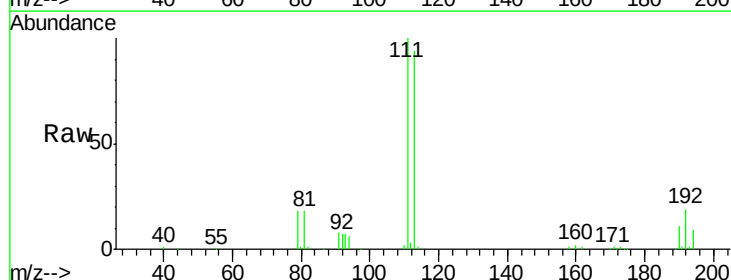
Tgt Ion:113 Resp: 96495

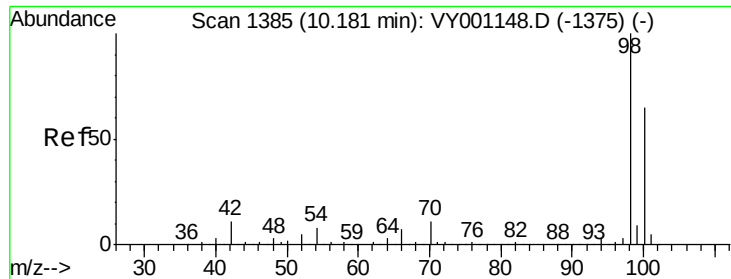
Ion Ratio Lower Upper

113 100

111 104.4 82.9 124.3

192 19.8 15.4 23.2





#50

Toluene-d8

Concen: 51.225 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001267.D

Acq: 17 Jan 2020 15:54

Instrument :

MSVOA_Y

ClientSampleId :

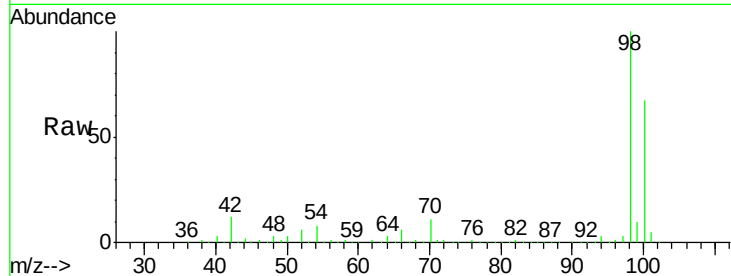
VY0117SBL01

Tot Ion: 98 Resp: 380567

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

200000

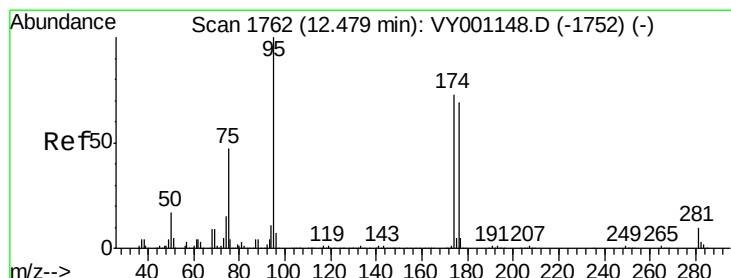
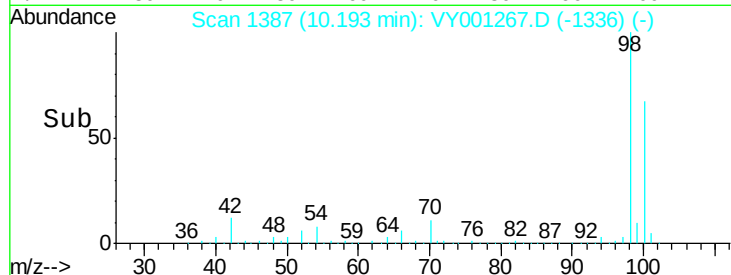
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.697 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY001267.D

Acq: 17 Jan 2020 15:54

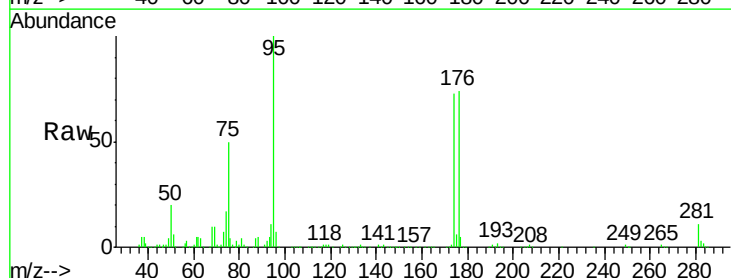
Tgt Ion: 95 Resp: 138798

Ion Ratio Lower Upper

95 100

174 76.0 0.0 143.2

176 73.5 0.0 136.0



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

12.49

120000

100000

80000

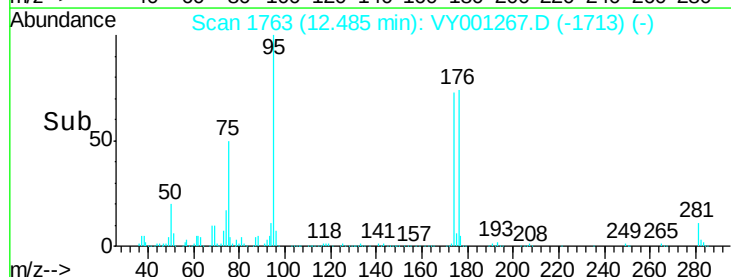
60000

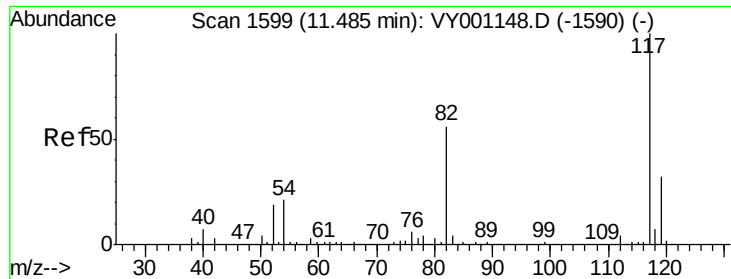
40000

20000

0

Time-->

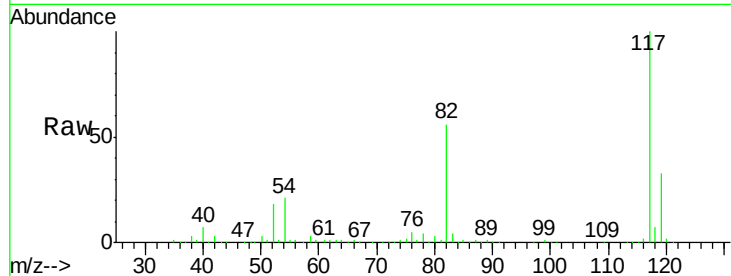




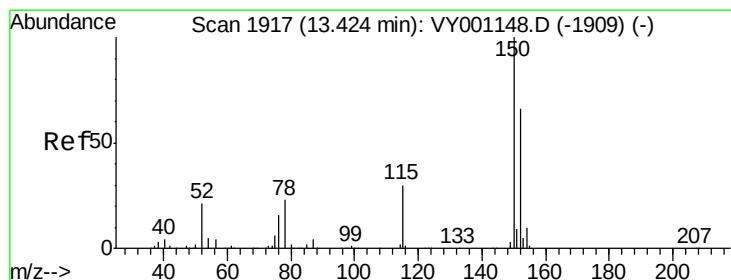
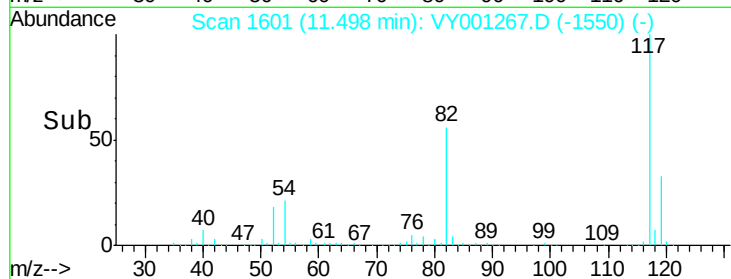
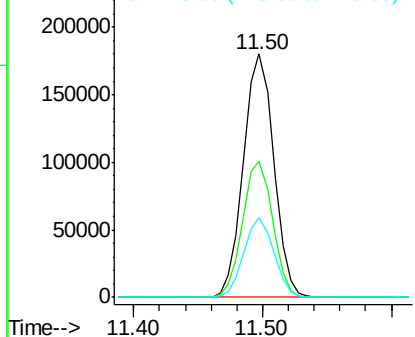
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: VY001267.D
 Acq: 17 Jan 2020 15:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBL01

Tot Ion:117 Resp: 293298
 Ion Ratio Lower Upper
 117 100
 82 55.8 44.9 67.3
 119 32.9 25.7 38.5

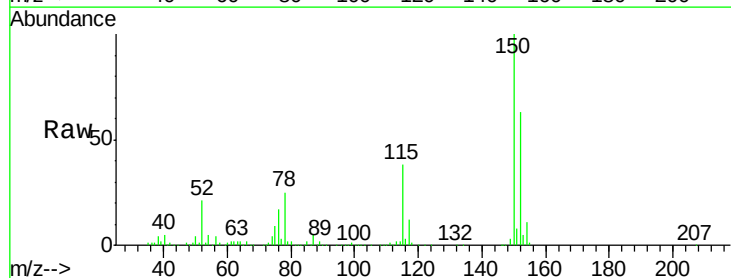


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VY0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.43 min Scan# 1918
 Delta R.T. 0.01 min
 Lab File: VY001267.D
 Acq: 17 Jan 2020 15:54

Tgt Ion:152 Resp: 132687
 Ion Ratio Lower Upper
 152 100
 115 59.3 30.9 92.5
 150 158.4 0.0 346.8



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

