

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000946.D
 Acq On : 16 Dec 2019 11:16
 Operator : SY/MD
 Sample : VY1216SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBL01

Quant Time: Dec 17 07:07:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	262363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	484928	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	434408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	186013	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	148990	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
35) Dibromofluoromethane	7.72	113	142746	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.17	98	572271	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.47	95	193264	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	

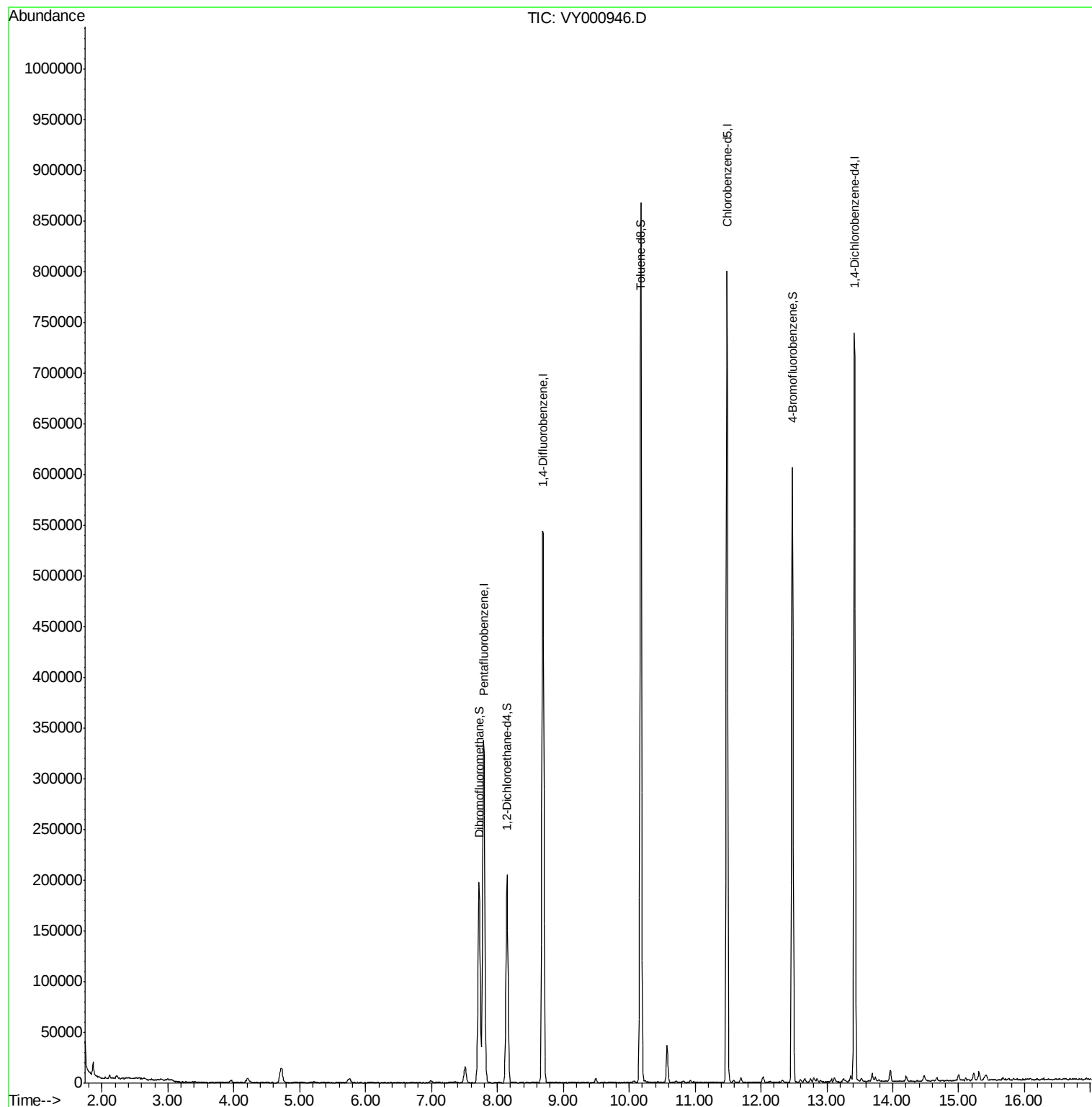
Target Compounds	Qvalue

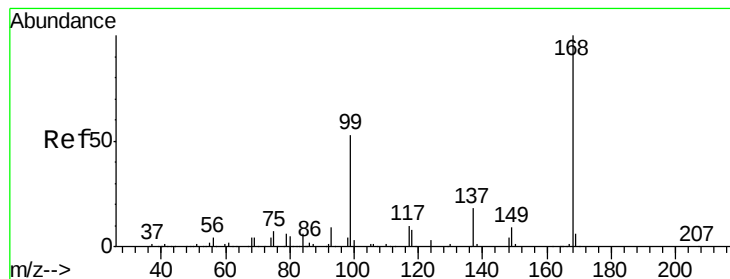
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000946.D

Acq: 16 Dec 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

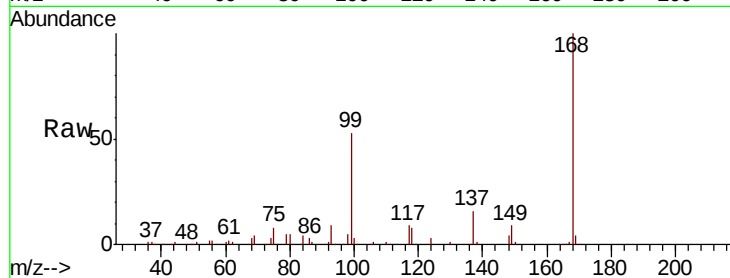
VY1216SBL01

Tot Ion:168 Resp: 262363

Ion Ratio Lower Upper

168 100

99 52.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000946.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000946.D (-946) (-)

7.80

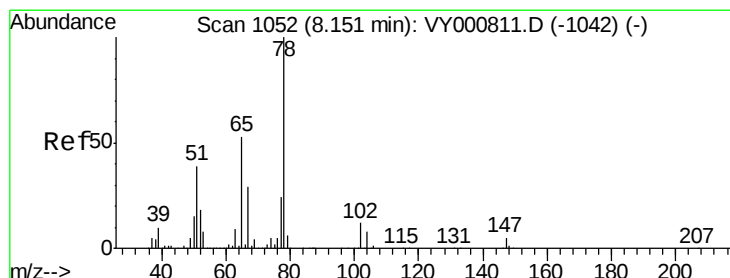
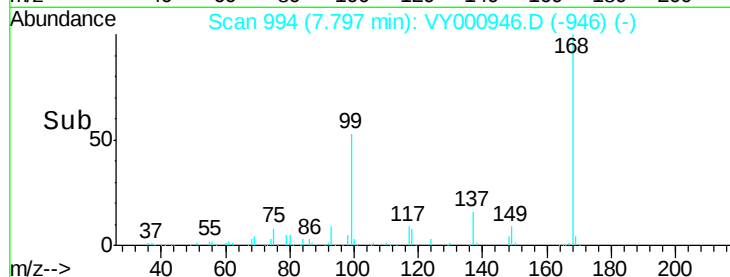
100000

50000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 53.443 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY000946.D

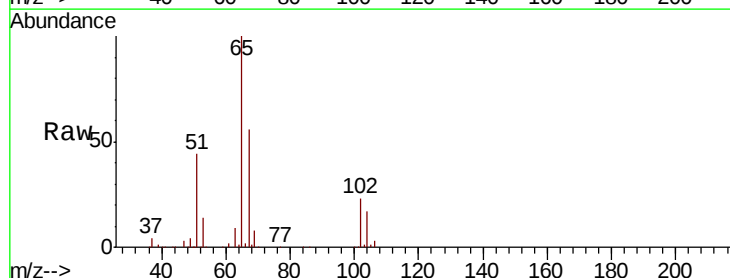
Acq: 16 Dec 2019 11:16

Tgt Ion: 65 Resp: 148990

Ion Ratio Lower Upper

65 100

67 57.5 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000946.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000946.D (-1003) (-)

8.14

80000

60000

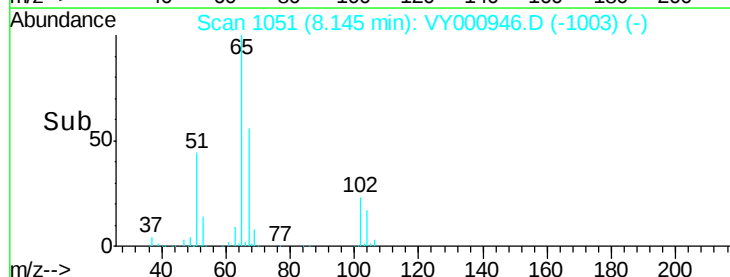
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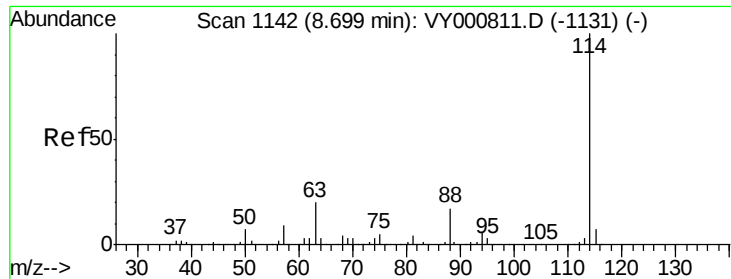
20000

0

Time-->

8.10 8.20

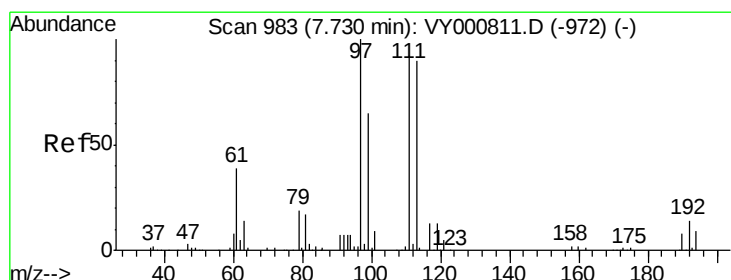
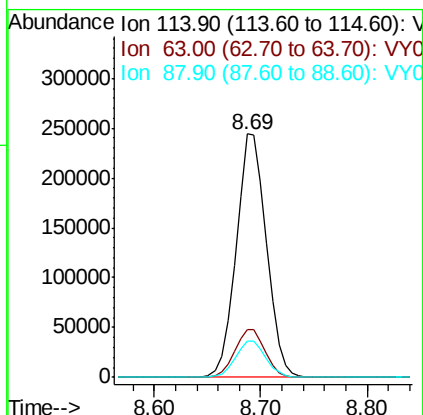
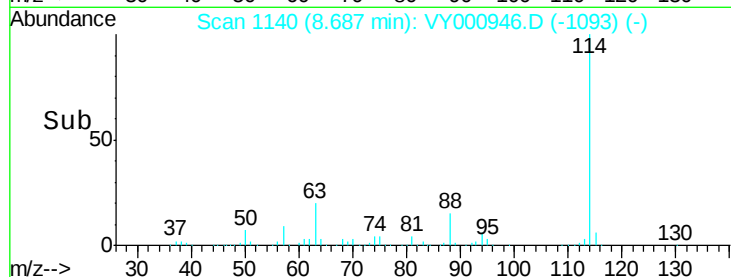
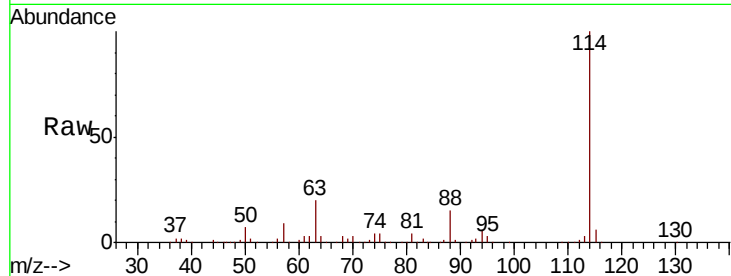




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: VY000946.D
Acq: 16 Dec 2019 11:16

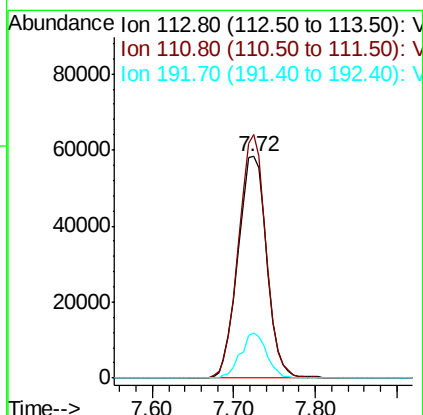
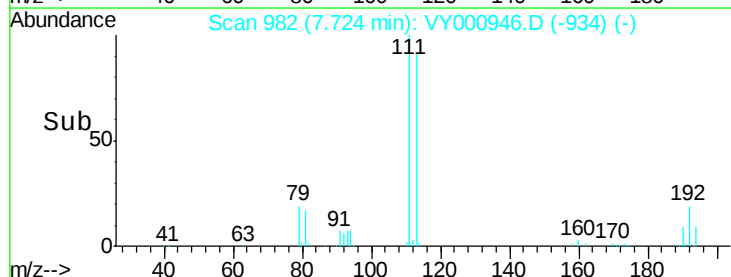
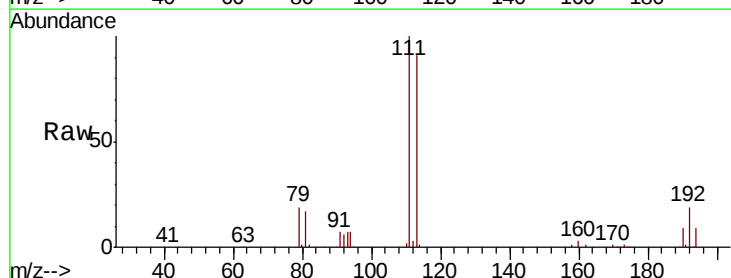
Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBL01

Tot Ion:114 Resp: 484928
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.8
88 14.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.509 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000946.D
Acq: 16 Dec 2019 11:16

Tgt Ion:113 Resp: 142746
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 18.4 14.2 21.2





#50

Toluene-d8

Concen: 50.649 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000946.D

Acq: 16 Dec 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

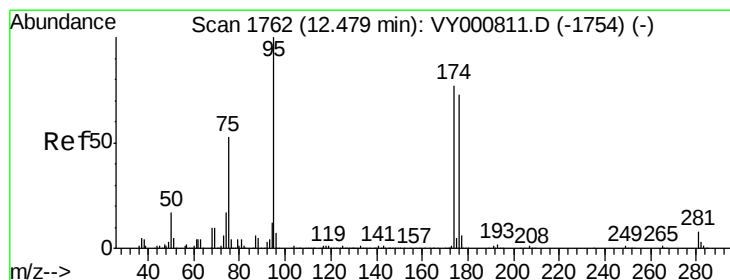
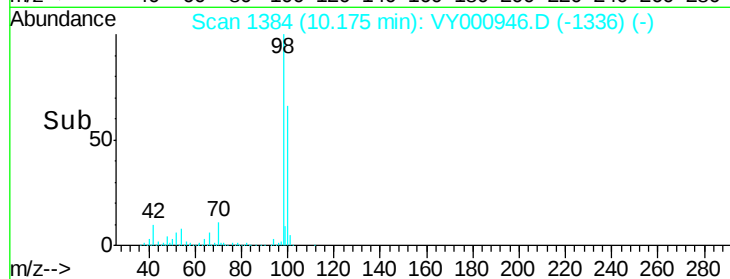
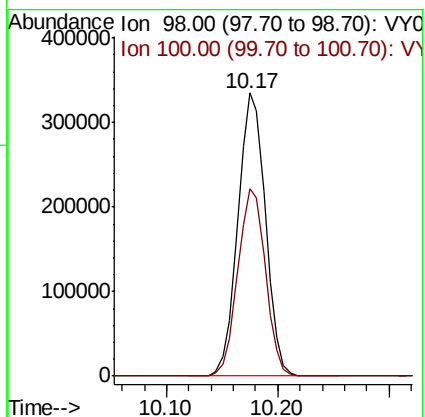
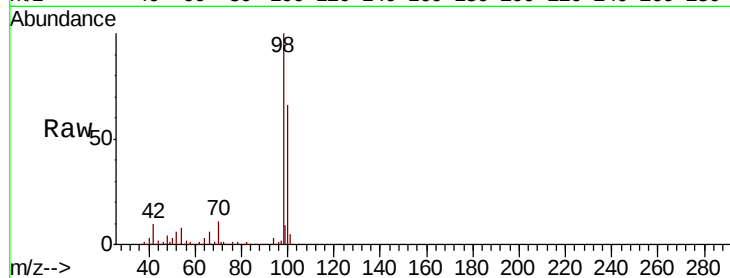
VY1216SBL01

Tot Ion: 98 Resp: 572271

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.546 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000946.D

Acq: 16 Dec 2019 11:16

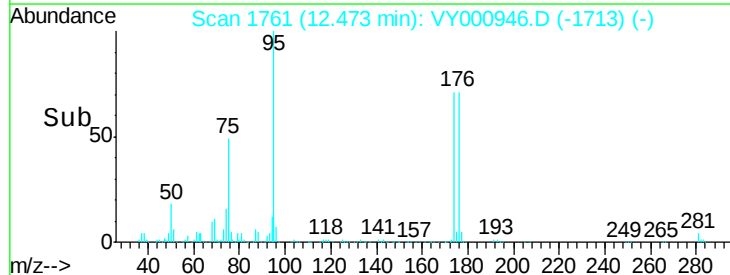
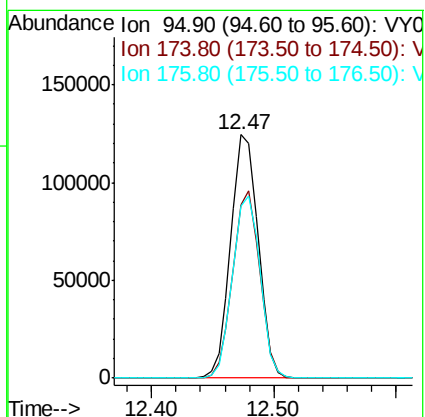
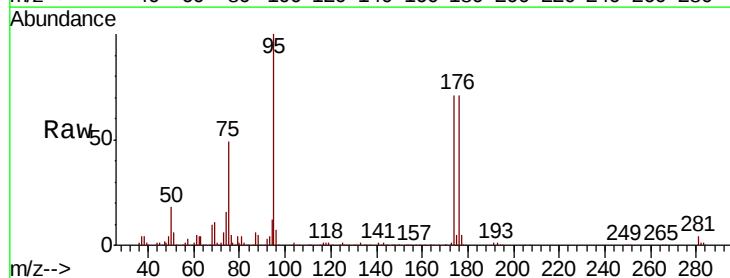
Tgt Ion: 95 Resp: 193264

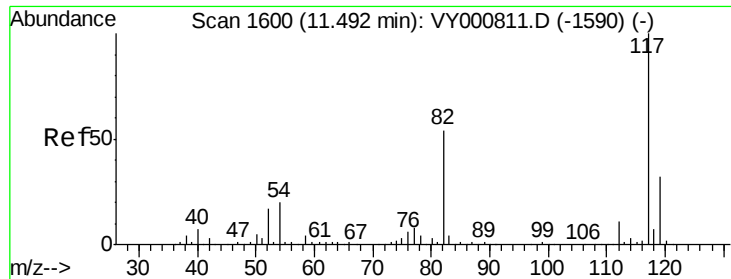
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.6

176 75.2 0.0 145.2

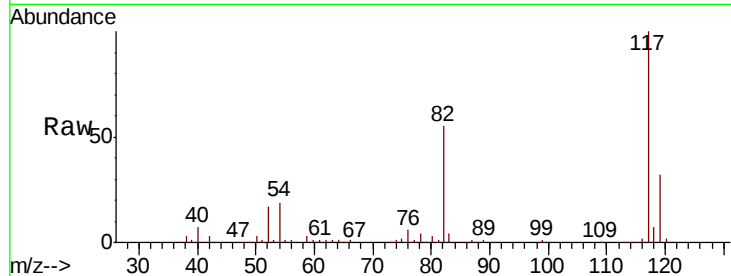




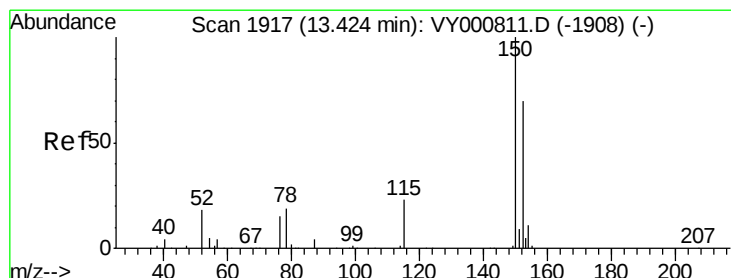
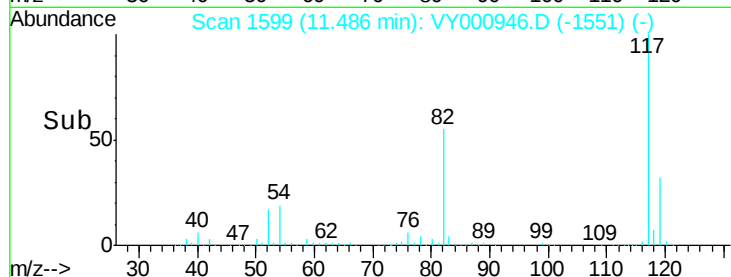
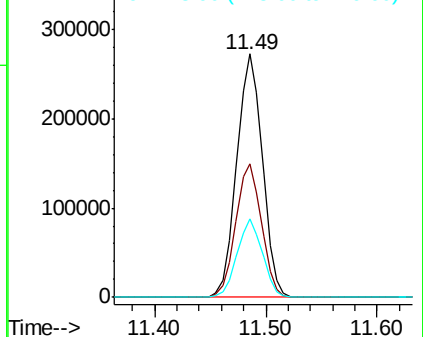
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000946.D
Acq: 16 Dec 2019 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBL01

Tot Ion:117 Resp: 434408
Ion Ratio Lower Upper
117 100
82 54.9 43.1 64.7
119 32.3 25.3 37.9

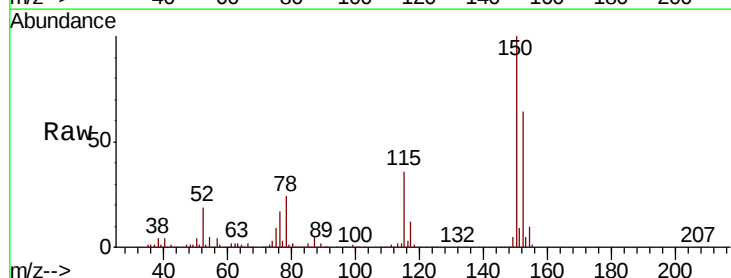


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000946.D
Acq: 16 Dec 2019 11:16

Tgt Ion:152 Resp: 186013
Ion Ratio Lower Upper
152 100
115 59.3 29.3 87.8
150 158.9 0.0 351.2



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

