

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001460.D
 Acq On : 31 Jan 2020 17:00
 Operator : SY/MD
 Sample : L1333-01
 Misc : 7.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-2

Quant Time: Jan 31 18:11:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	158149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	120489	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.17	65	93420	54.29	ug/l	0.00
Spiked Amount	50.000			Recovery	=	108.58%	
35) Dibromofluoromethane		7.74	113	85608	49.59	ug/l	0.00
Spiked Amount	50.000			Recovery	=	99.18%	
50) Toluene-d8		10.19	98	346755	51.70	ug/l	0.00
Spiked Amount	50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene		12.49	95	126609	47.40	ug/l	0.00
Spiked Amount	50.000			Recovery	=	94.80%	

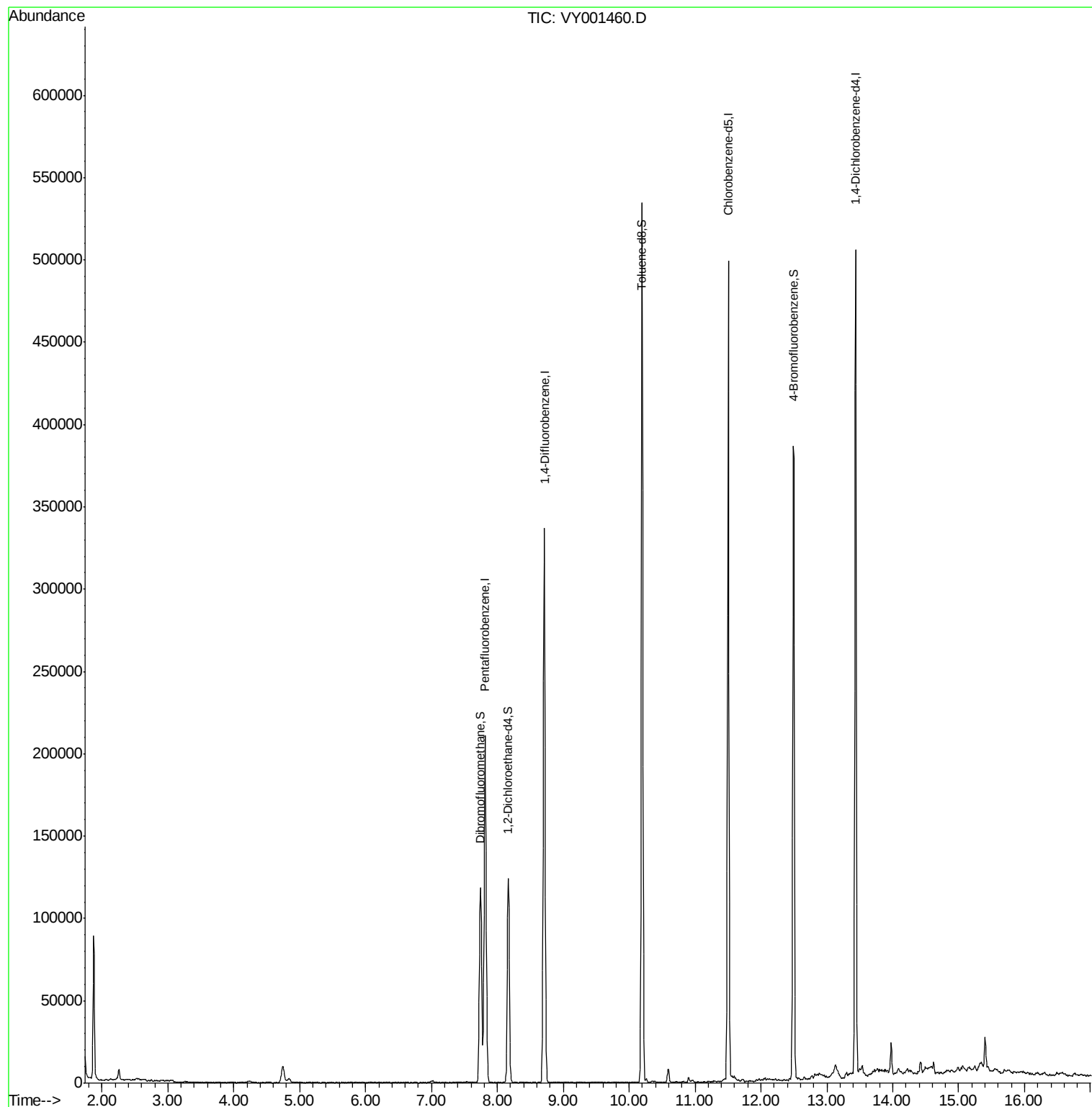
Target Compounds	Qvalue
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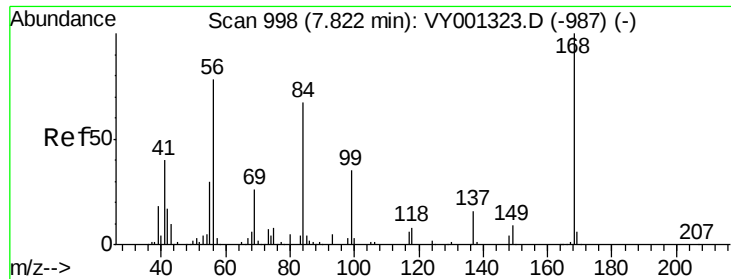
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001460.D

Acq: 31 Jan 2020 17:00

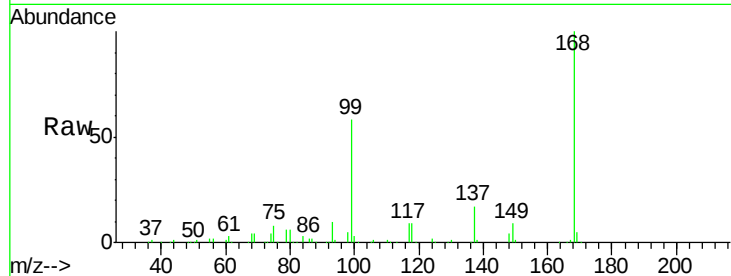
Instrument :
MSVOA_Y
ClientSampled :
TP-1-2

Tot Ion:168 Resp: 158149

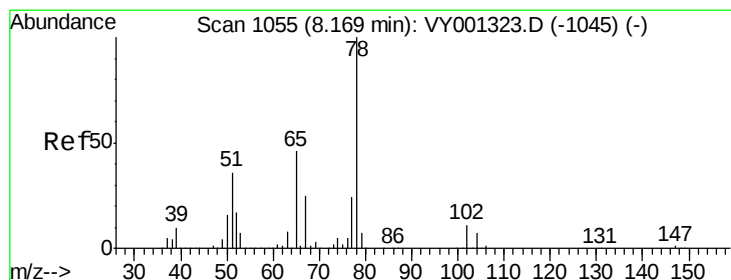
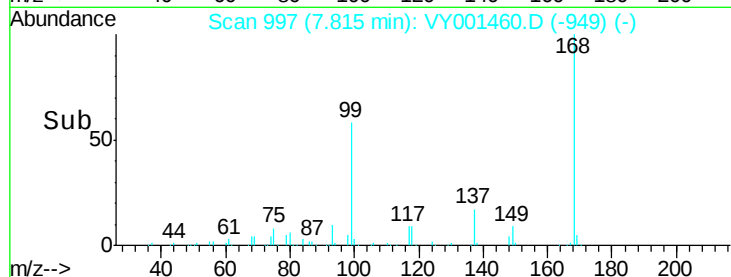
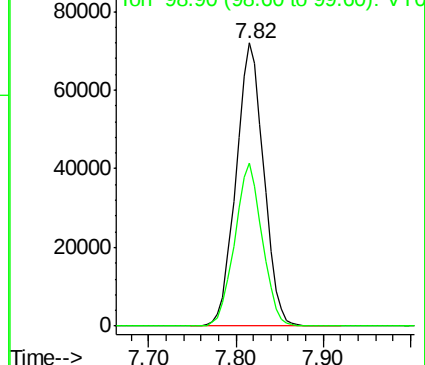
Ion Ratio Lower Upper

168 100

99 57.8 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.286 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001460.D

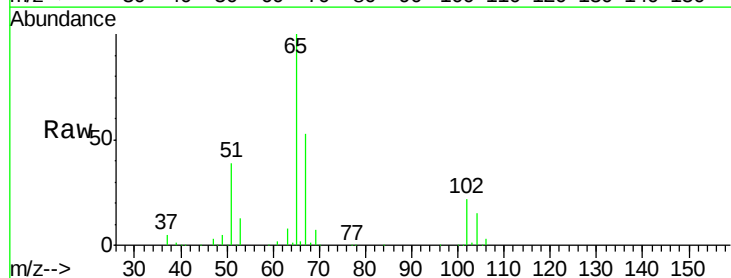
Acq: 31 Jan 2020 17:00

Tgt Ion: 65 Resp: 93420

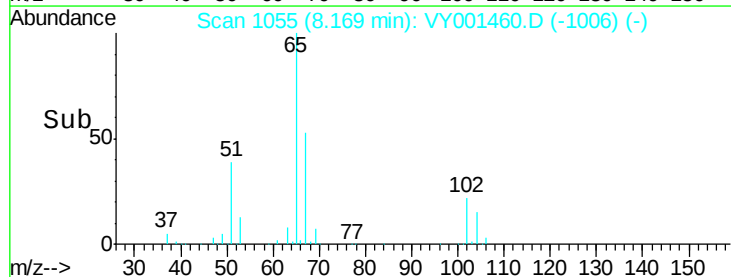
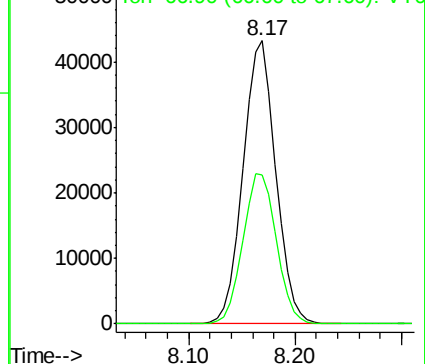
Ion Ratio Lower Upper

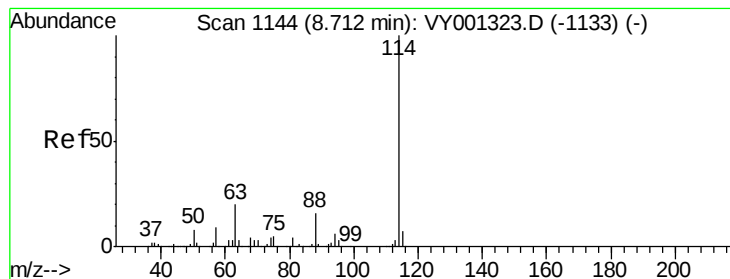
65 100

67 54.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001323.D (-1045) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001460.D

Acq: 31 Jan 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-2

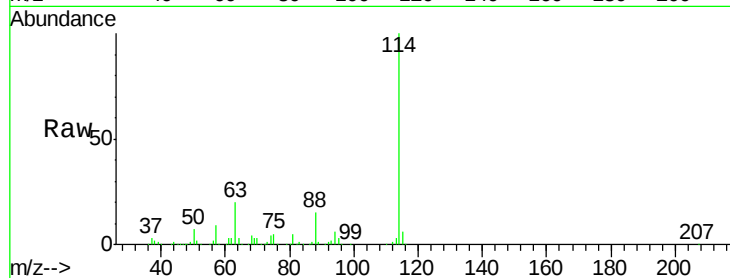
Tot Ion:114 Resp: 294131

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 15.0 0.0 31.0



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

200000

150000

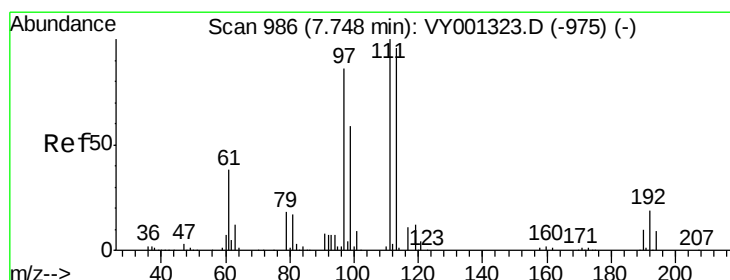
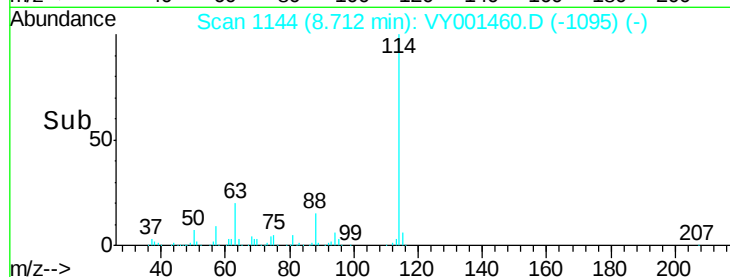
100000

50000

0

8.60 8.70 8.80

Time-->



#35

Dibromofluoromethane

Concen: 49.591 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001460.D

Acq: 31 Jan 2020 17:00

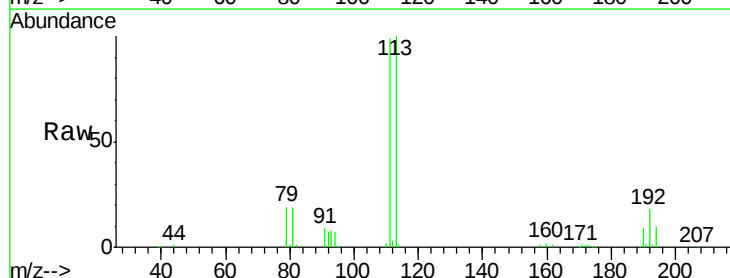
Tgt Ion:113 Resp: 85608

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 18.7 15.5 23.3



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

50000

40000

30000

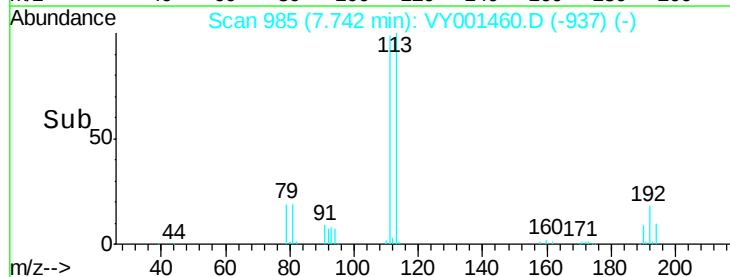
20000

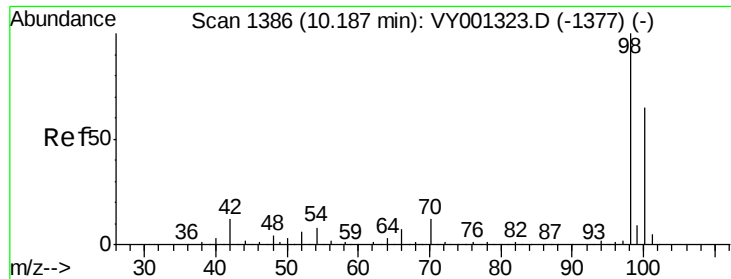
10000

0

7.60 7.70 7.80 7.90

Time-->





#50

Toluene-d8

Concen: 51.701 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001460.D

Acq: 31 Jan 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

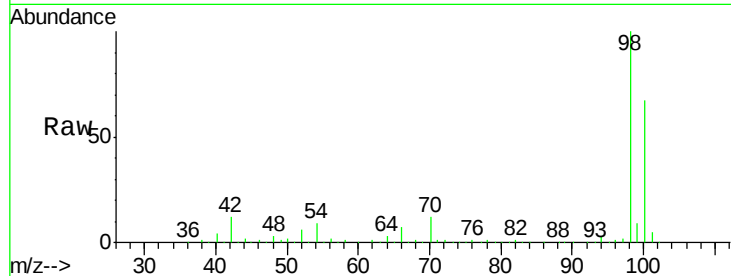
TP-1-2

Tot Ion: 98 Resp: 346755

Ion Ratio Lower Upper

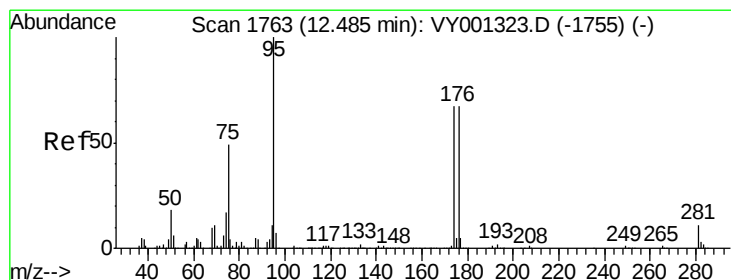
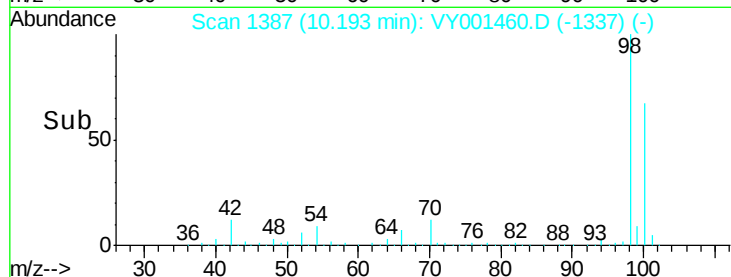
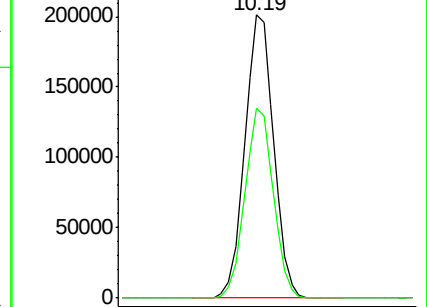
98 100

100 66.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001323.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 47.402 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001460.D

Acq: 31 Jan 2020 17:00

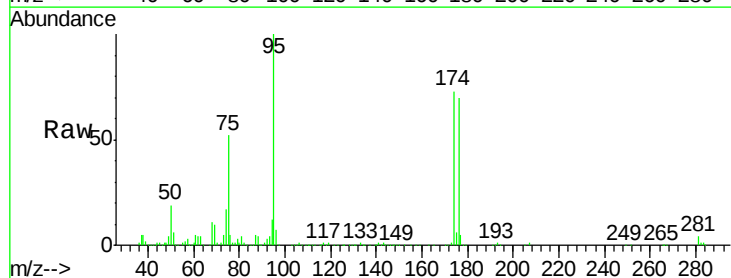
Tgt Ion: 95 Resp: 126609

Ion Ratio Lower Upper

95 100

174 74.1 0.0 142.0

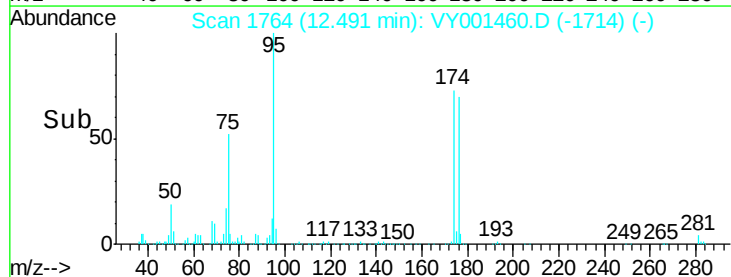
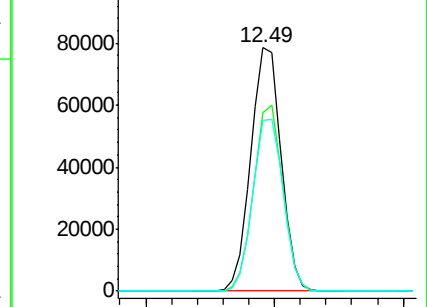
176 71.3 0.0 138.6

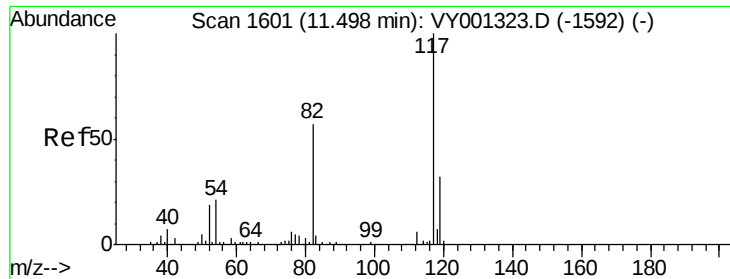


Abundance Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001323.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001323.D (-1755) (-)

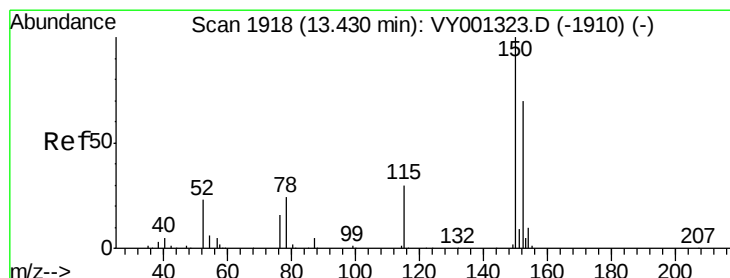
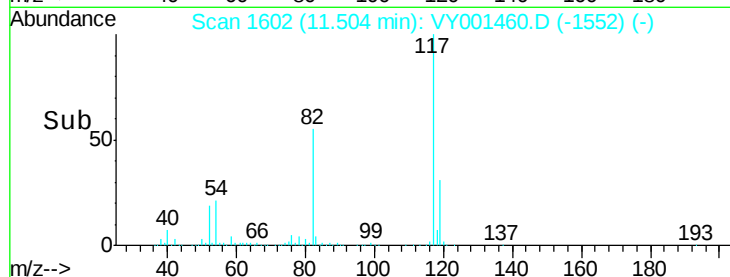
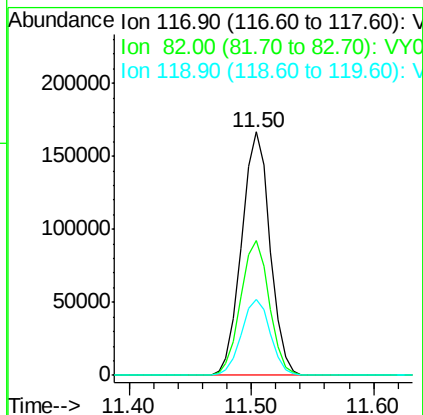
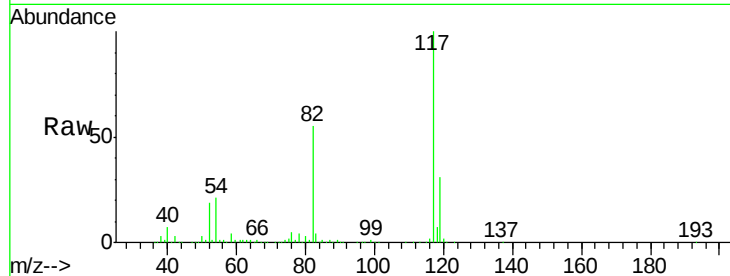




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001460.D
Acq: 31 Jan 2020 17:00

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-2

Tot Ion:117 Resp: 268175
Ion Ratio Lower Upper
117 100
82 55.2 45.5 68.3
119 31.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001460.D
Acq: 31 Jan 2020 17:00

Tgt Ion:152 Resp: 120489
Ion Ratio Lower Upper
152 100
115 60.4 30.9 92.8
150 157.9 0.0 349.2

