

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002356.D
 Acq On : 16 Apr 2020 11:01
 Operator : SY/MD
 Sample : VY0416SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0416SBL01

Quant Time: Apr 17 07:21:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	152772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	308718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	289418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	128468	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	86966	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.73	113	90175	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	10.19	98	368698	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
62) 4-Bromofluorobenzene	12.49	95	127983	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

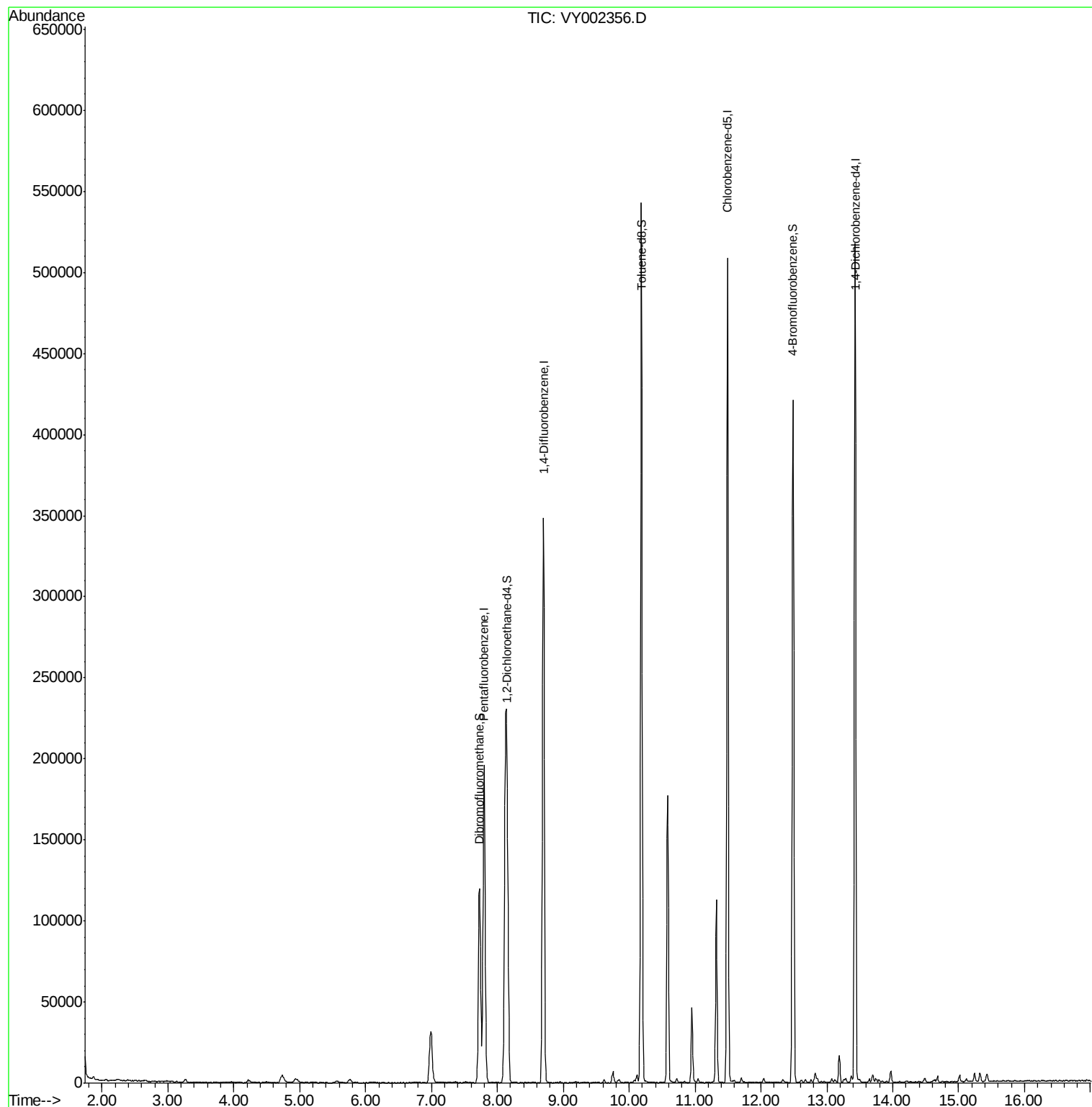
Target Compounds	Qvalue

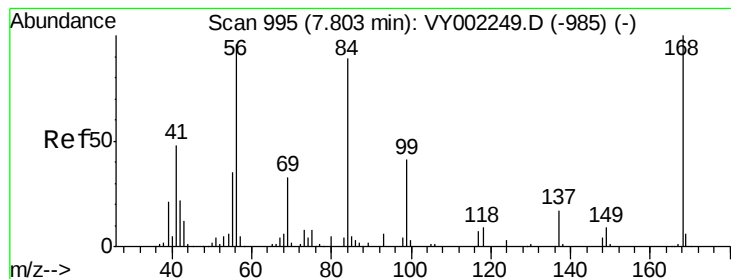
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002356.D

Acq: 16 Apr 2020 11:01

Instrument :

MSVOA_Y

ClientSampleId :

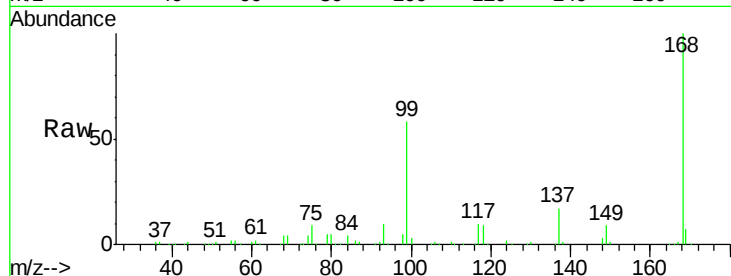
VY0416SBL01

Tot Ion:168 Resp: 152772

Ion Ratio Lower Upper

168 100

99 57.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

60000

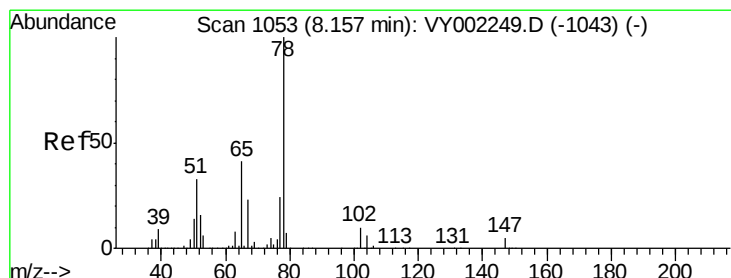
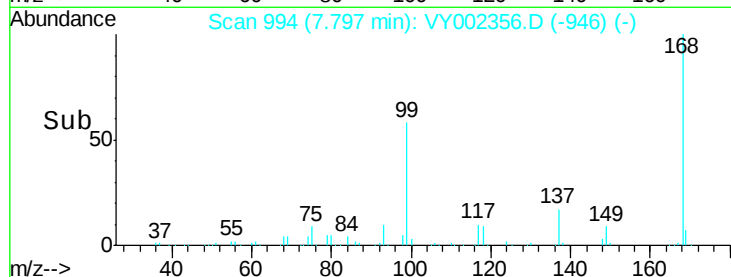
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.189 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002356.D

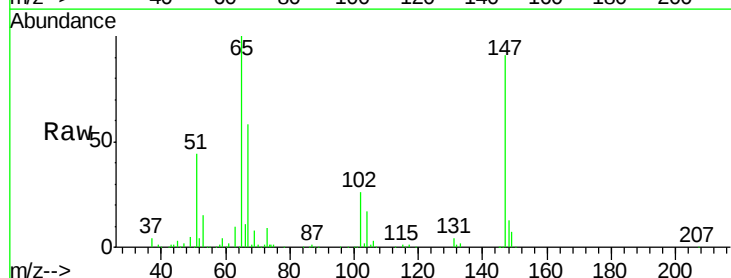
Acq: 16 Apr 2020 11:01

Tgt Ion: 65 Resp: 86966

Ion Ratio Lower Upper

65 100

67 59.9 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)

8.15

40000

30000

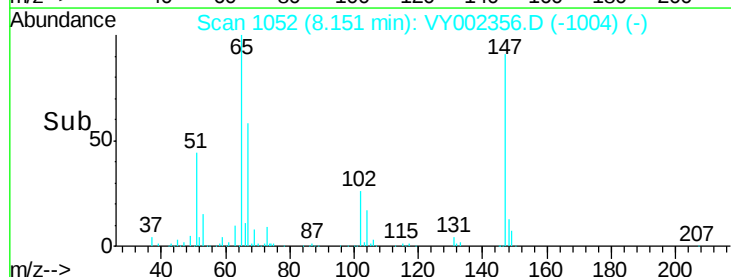
20000

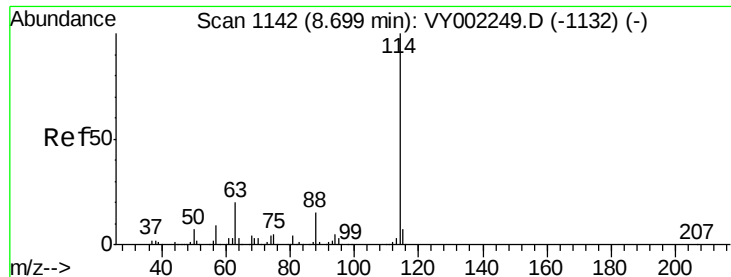
10000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002356.D

Acq: 16 Apr 2020 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0416SBL01

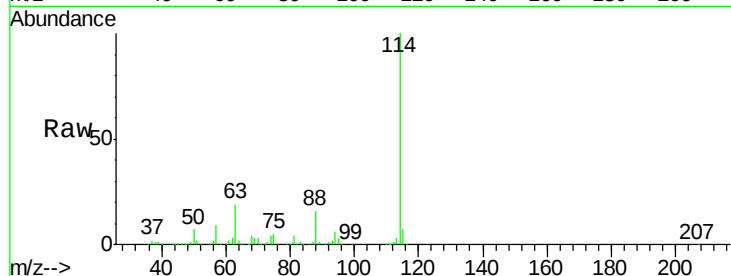
Tot Ion:114 Resp: 308718

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.0

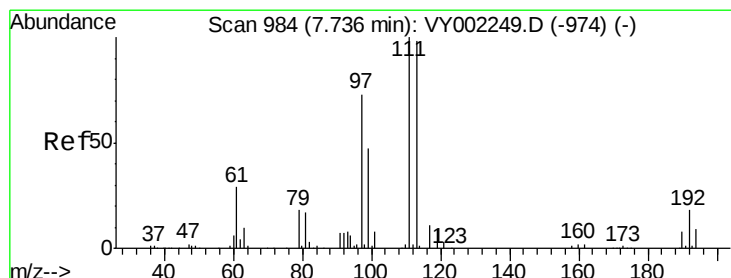
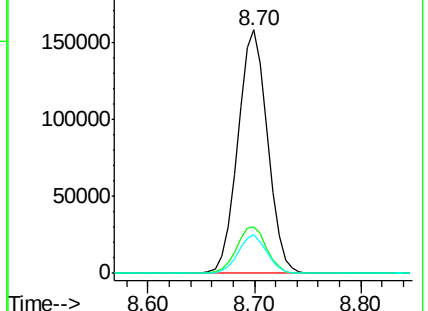
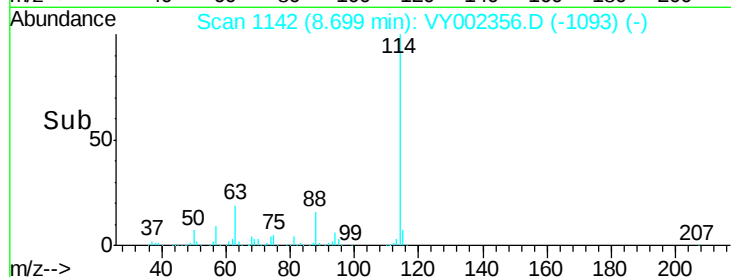
88 15.7 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 49.089 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002356.D

Acq: 16 Apr 2020 11:01

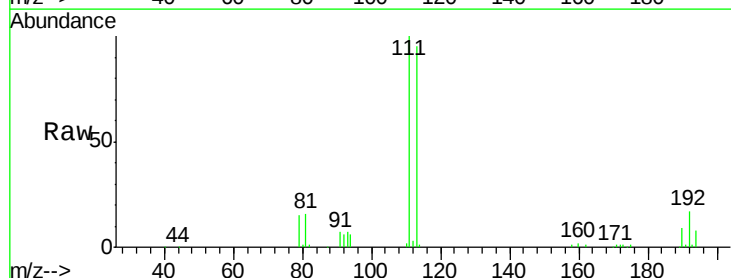
Tgt Ion:113 Resp: 90175

Ion Ratio Lower Upper

113 100

111 102.9 83.5 125.3

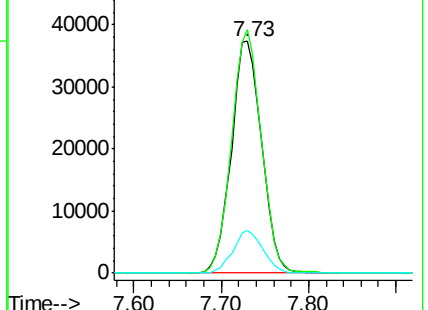
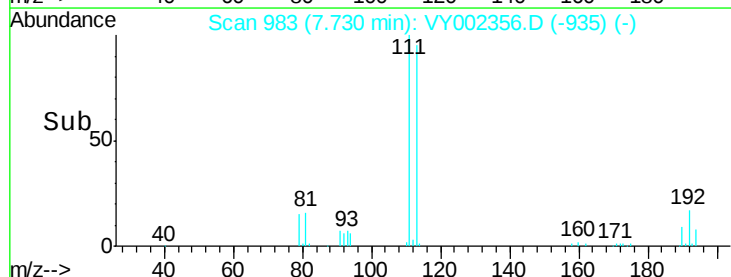
192 18.0 14.7 22.1

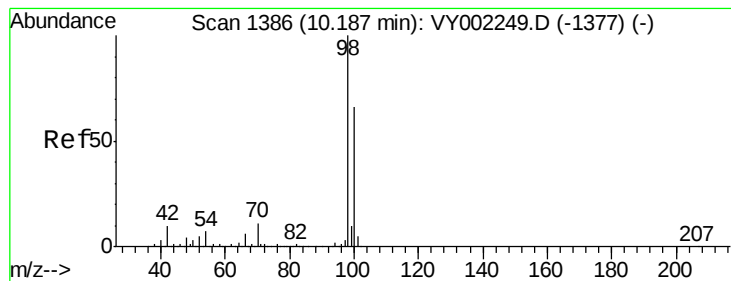


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.952 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002356.D

Acq: 16 Apr 2020 11:01

Instrument :

MSVOA_Y

ClientSampleId :

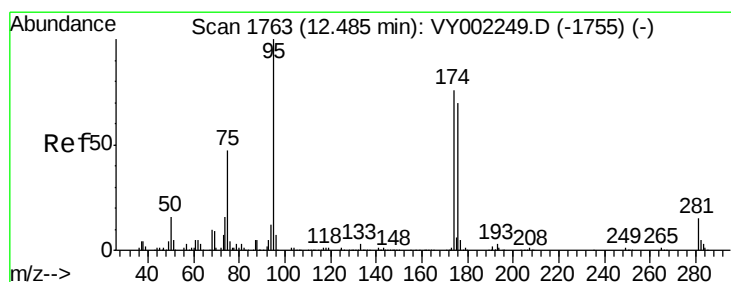
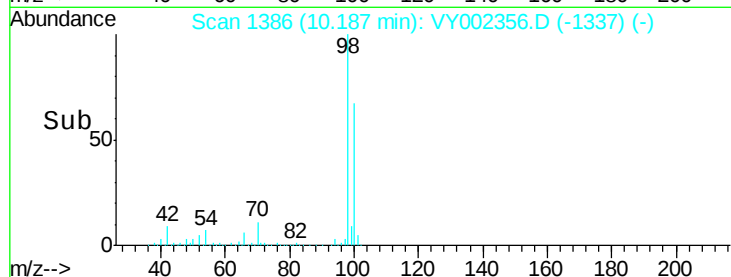
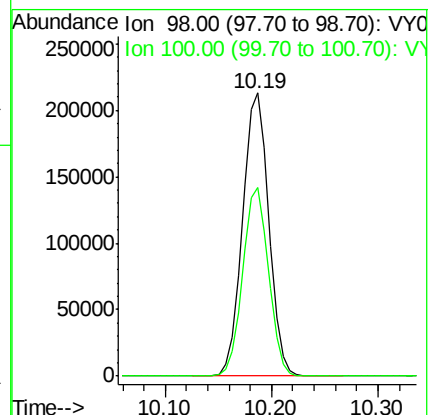
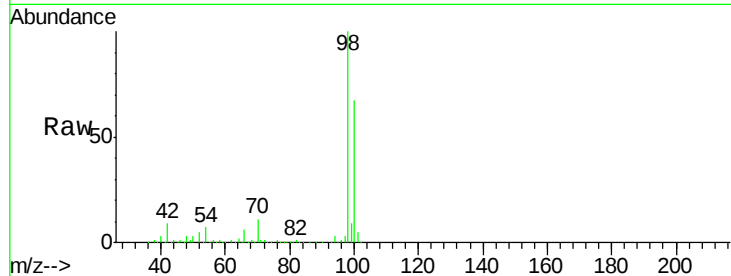
VY0416SBL01

Tot Ion: 98 Resp: 368698

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.454 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002356.D

Acq: 16 Apr 2020 11:01

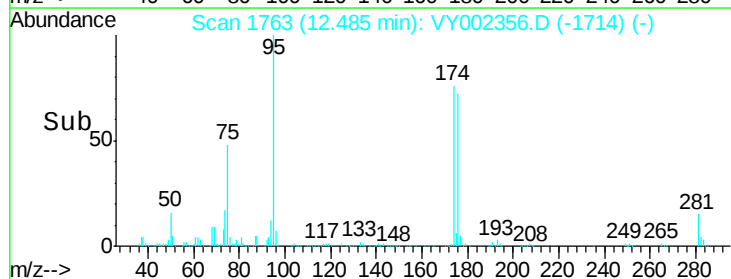
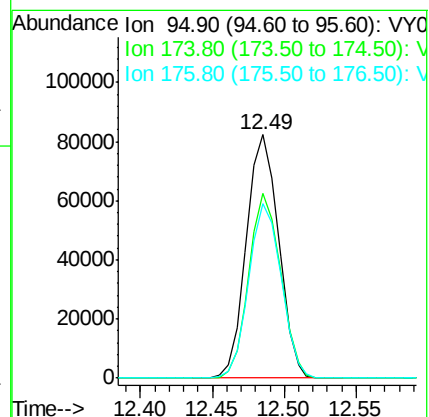
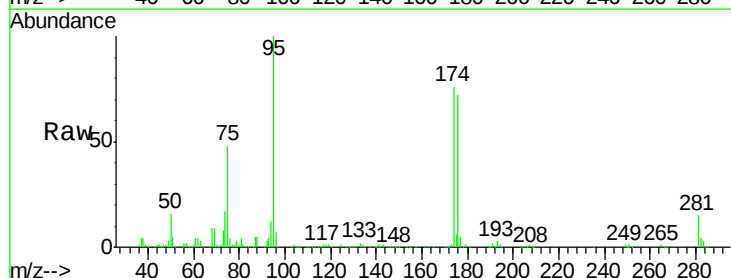
Tgt Ion: 95 Resp: 127983

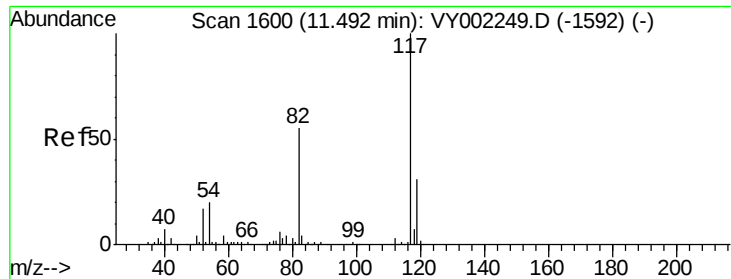
Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.6

176 72.0 0.0 141.4

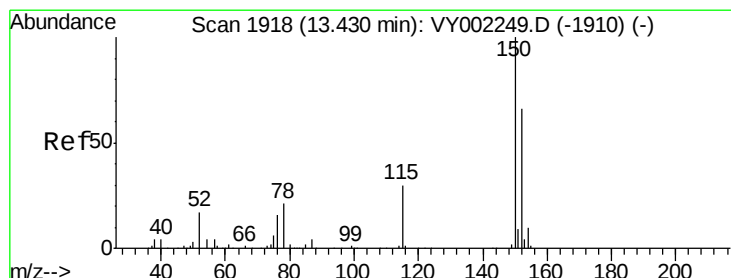
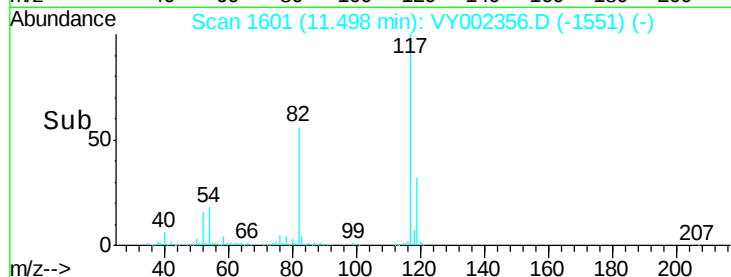
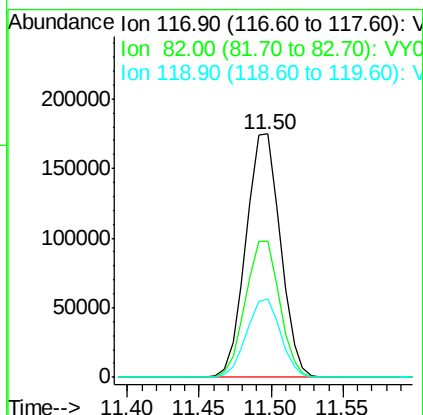
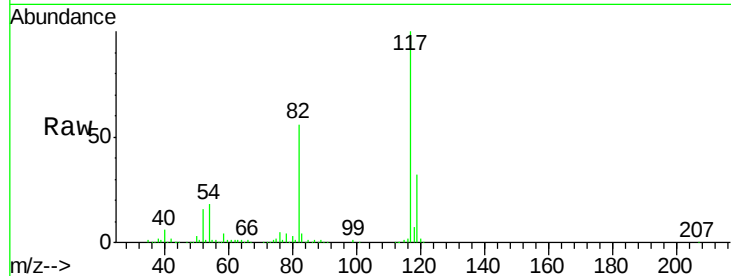




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002356.D
Acq: 16 Apr 2020 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0416SBL01

Tot Ion:117 Resp: 289418
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.4
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002356.D
Acq: 16 Apr 2020 11:01

Tgt Ion:152 Resp: 128468
Ion Ratio Lower Upper
152 100
115 61.0 30.7 92.1
150 157.9 0.0 350.6

