

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002300.D
 Acq On : 14 Apr 2020 11:55
 Operator : SY/MD
 Sample : VY0414SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBL01

Quant Time: Apr 15 05:56:30 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	150641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	297731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	267209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	119443	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	83063	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	7.74	113	88553	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	10.19	98	358905	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
62) 4-Bromofluorobenzene	12.49	95	118853	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

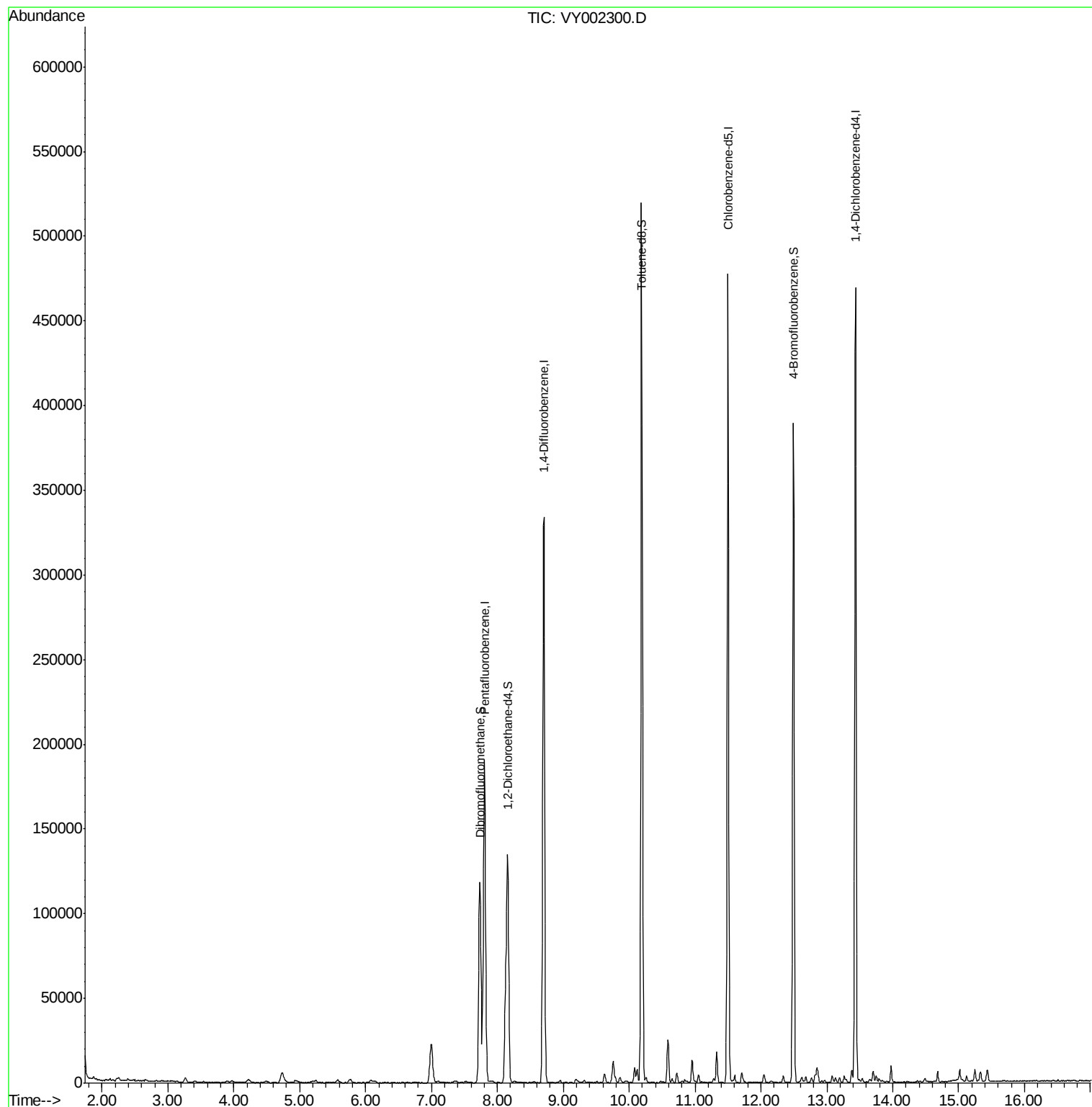
Target Compounds	Qvalue

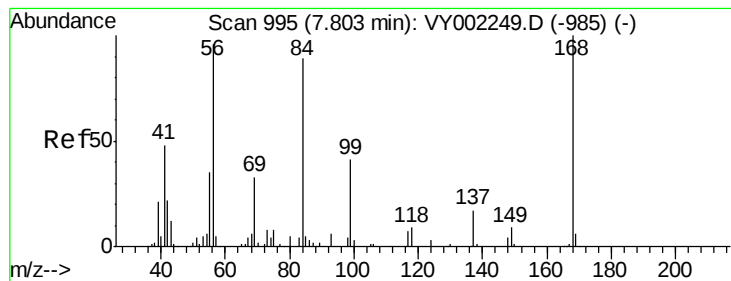
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
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Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002300.D

Acq: 14 Apr 2020 11:55

Instrument :

MSVOA_Y

ClientSampleId :

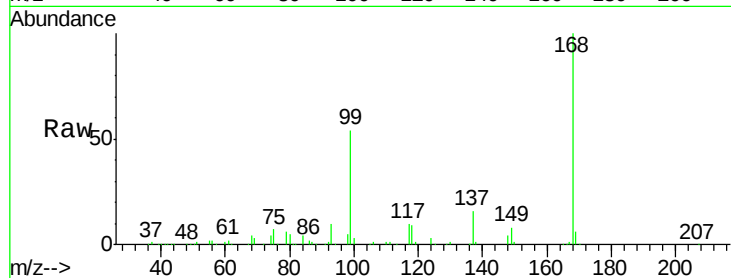
VY0414SBL01

Tot Ion:168 Resp: 150641

Ion Ratio Lower Upper

168 100

99 54.3 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

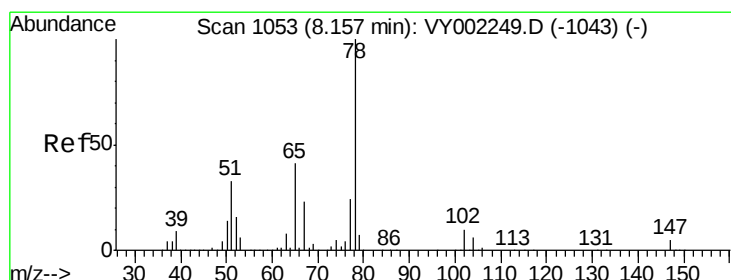
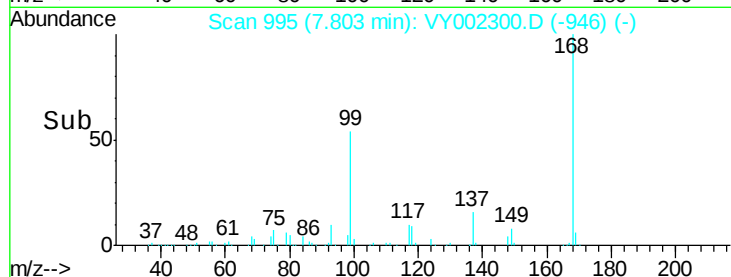
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.583 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002300.D

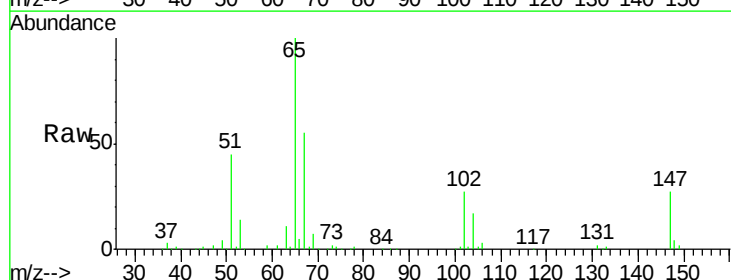
Acq: 14 Apr 2020 11:55

Tgt Ion: 65 Resp: 83063

Ion Ratio Lower Upper

65 100

67 56.7 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) (-)

8.16

40000

30000

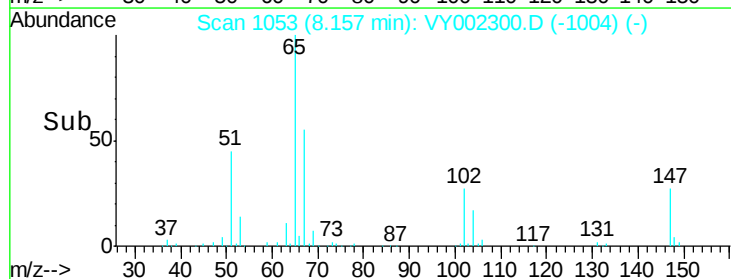
20000

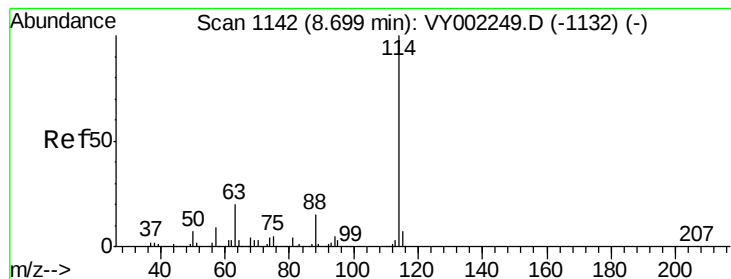
10000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002300.D

Acq: 14 Apr 2020 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBL01

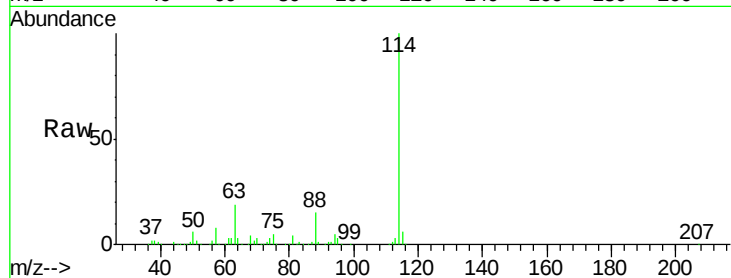
Tot Ion:114 Resp: 297731

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.0

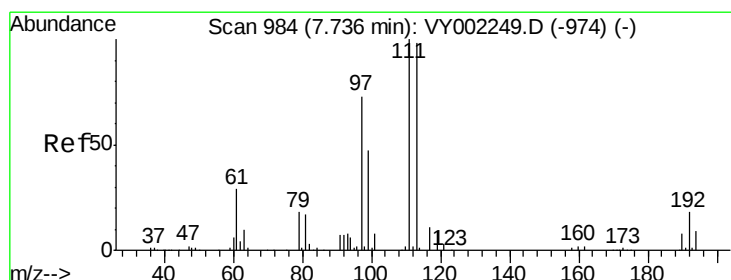
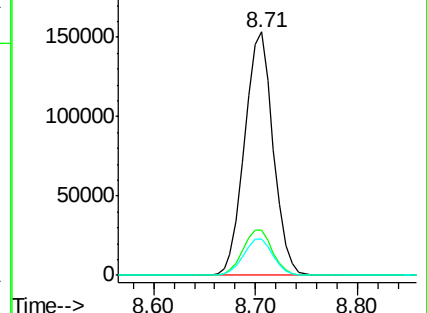
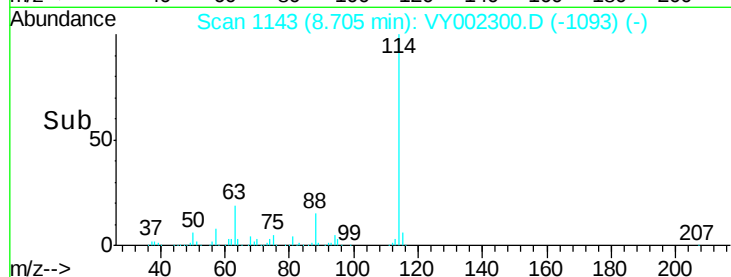
88 15.0 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 49.985 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002300.D

Acq: 14 Apr 2020 11:55

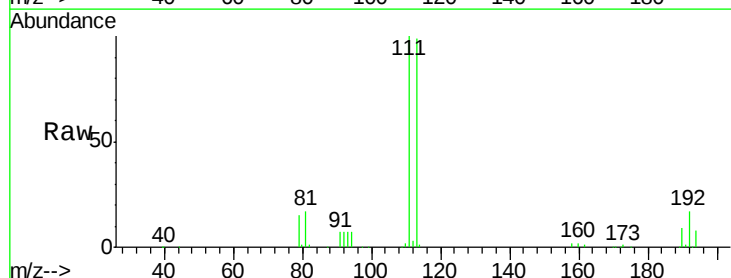
Tgt Ion:113 Resp: 88553

Ion Ratio Lower Upper

113 100

111 102.4 83.5 125.3

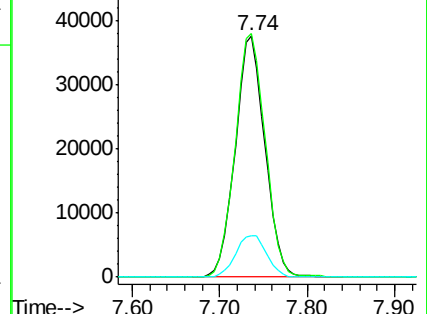
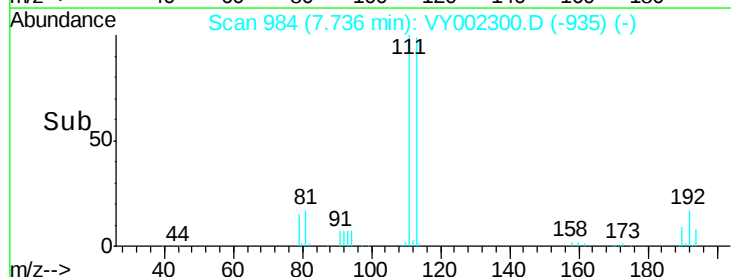
192 18.1 14.7 22.1

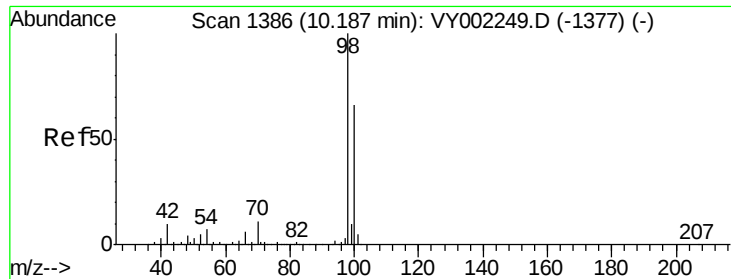


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.401 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002300.D

Acq: 14 Apr 2020 11:55

Instrument :

MSVOA_Y

ClientSampleId :

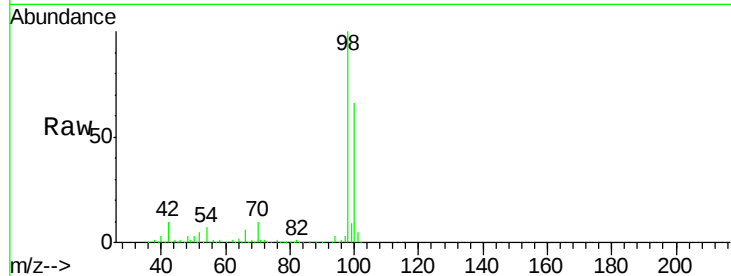
VY0414SBL01

Tot Ion: 98 Resp: 358905

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

200000

150000

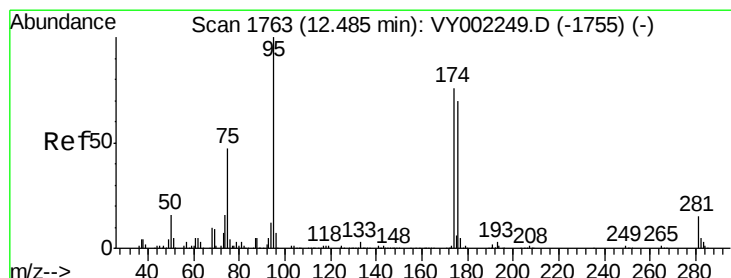
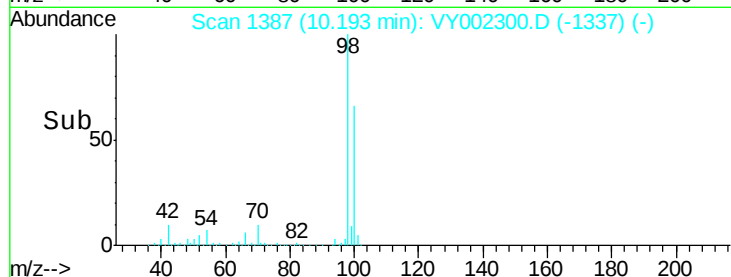
100000

50000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 48.583 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002300.D

Acq: 14 Apr 2020 11:55

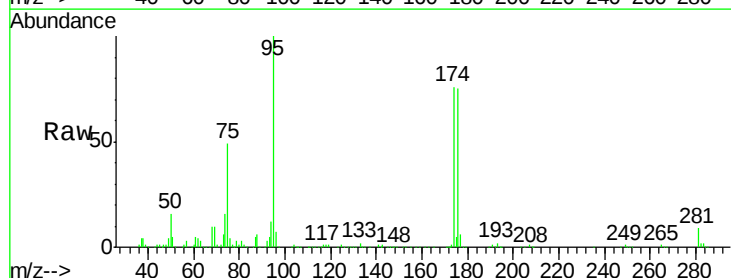
Tgt Ion: 95 Resp: 118853

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.6

176 72.5 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.49

100000

80000

60000

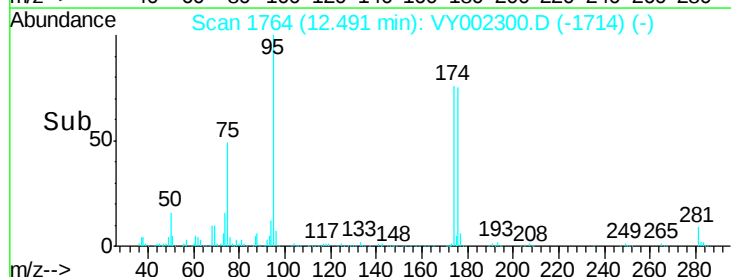
40000

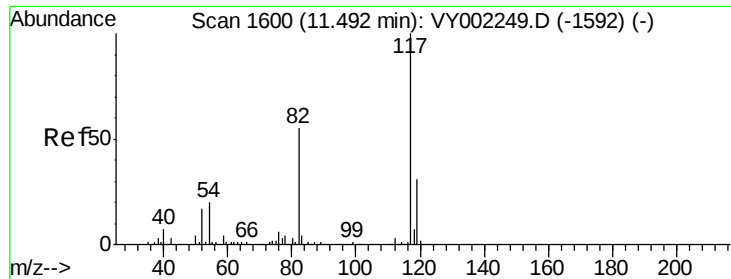
20000

0

Time-->

12.40 12.45 12.50 12.55

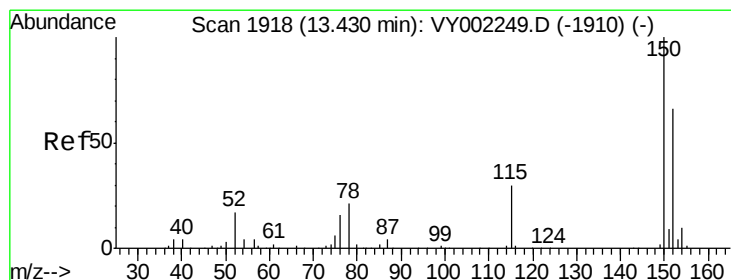
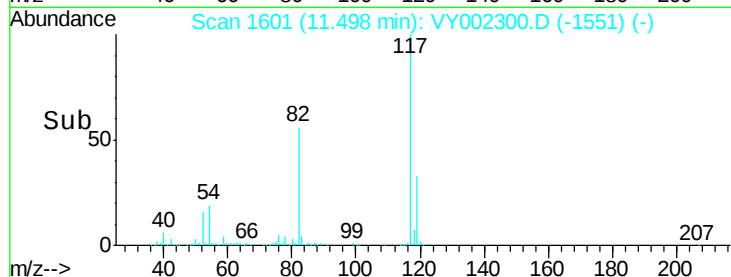
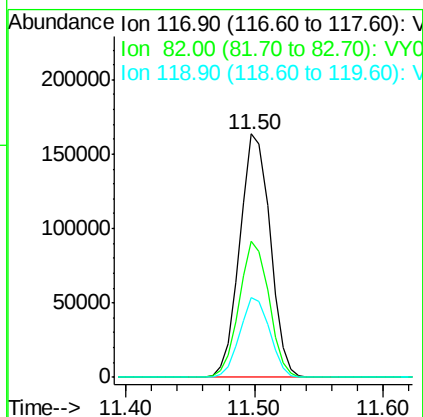
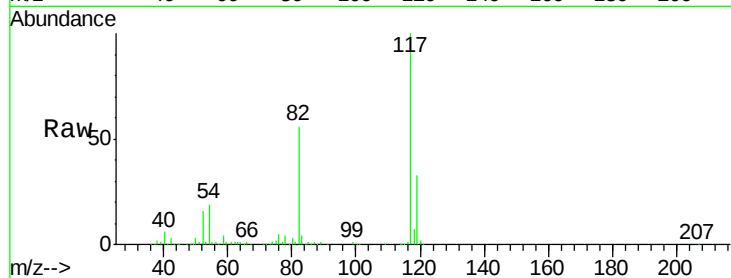




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002300.D
Acq: 14 Apr 2020 11:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

Tot Ion:117 Resp: 267209
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.4
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002300.D
Acq: 14 Apr 2020 11:55

Tgt Ion:152 Resp: 119443
Ion Ratio Lower Upper
152 100
115 59.6 30.7 92.1
150 159.1 0.0 350.6

