

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002251.D
 Acq On : 08 Apr 2020 15:29
 Operator : SY/MD
 Sample : VY0408SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBL01

Quant Time: Apr 09 02:03:55 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	165468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	300044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	265564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	120406	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	89795	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
35) Dibromofluoromethane	7.73	113	85303	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
50) Toluene-d8	10.19	98	361608	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.48	95	121745	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	

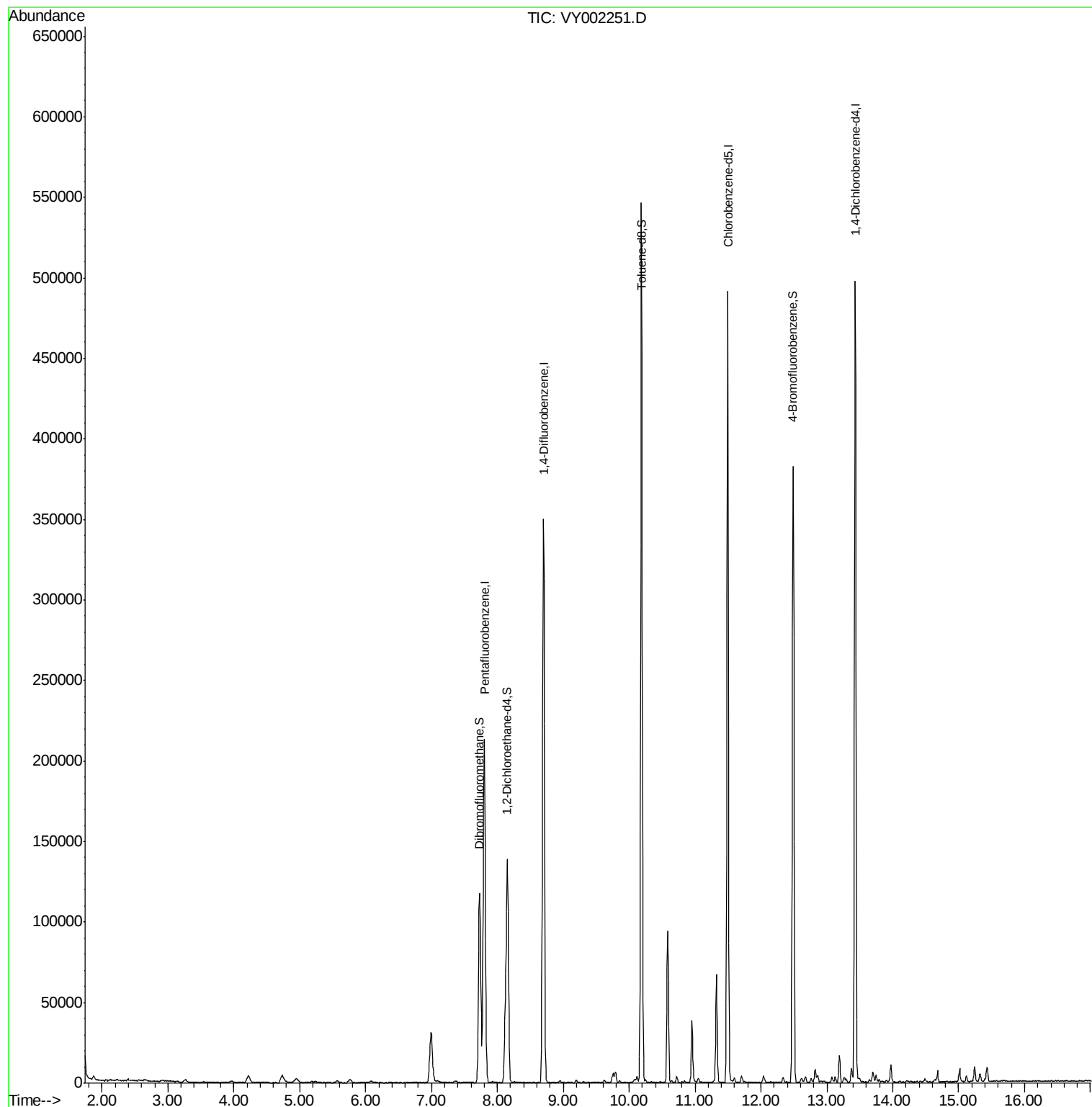
Target Compounds	Qvalue
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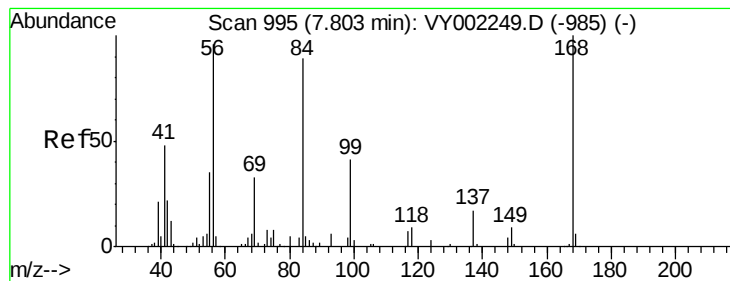
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002251.D

Acq: 08 Apr 2020 15:29

Instrument :

MSVOA_Y

ClientSampleId :

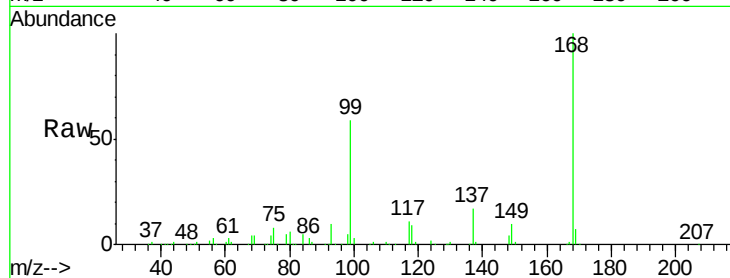
VY0408SBL01

Tot Ion:168 Resp: 165468

Ion Ratio Lower Upper

168 100

99 58.6 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

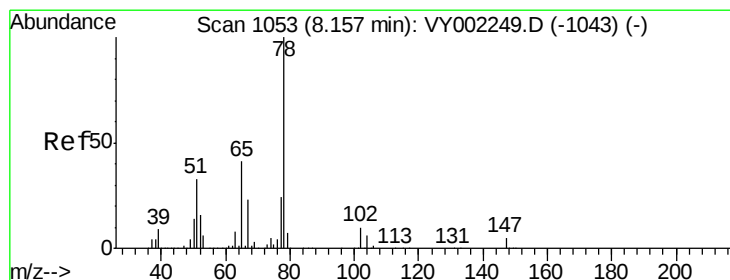
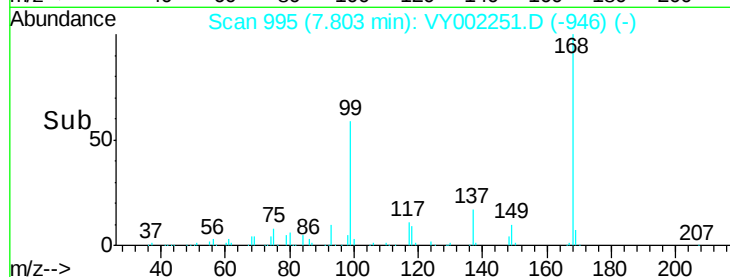
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.798 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002251.D

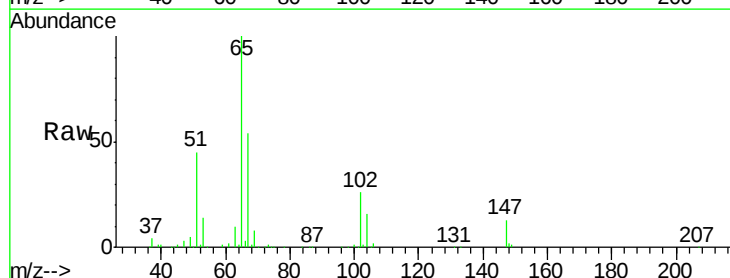
Acq: 08 Apr 2020 15:29

Tgt Ion: 65 Resp: 89795

Ion Ratio Lower Upper

65 100

67 55.6 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

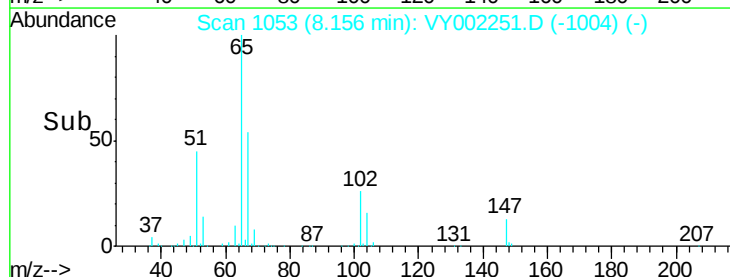
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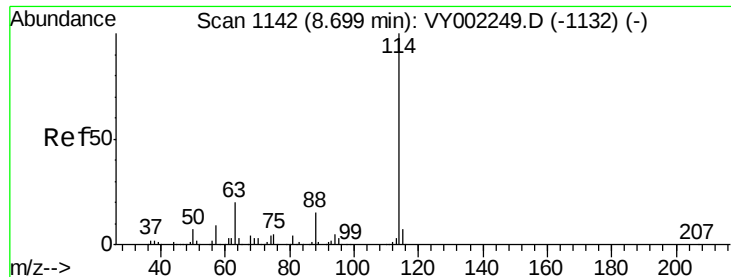
10000

0

8.10 8.20

Time-->

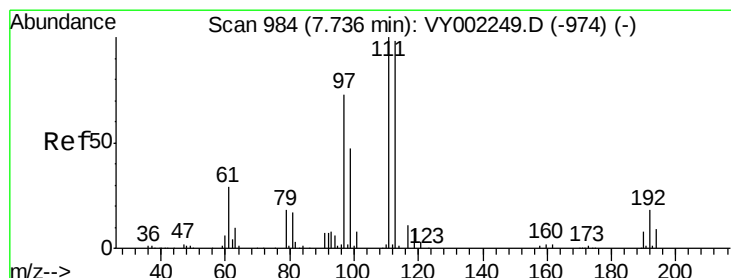
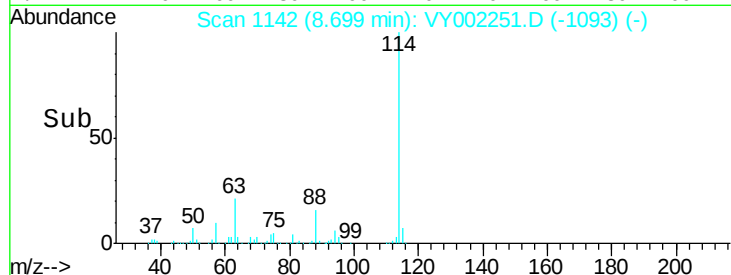
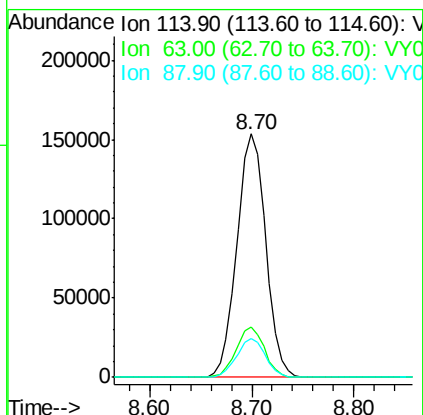
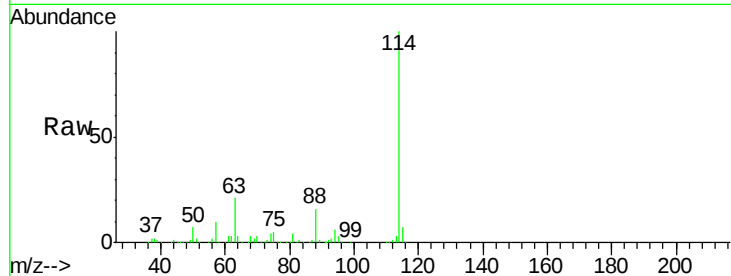




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY002251.D
 Acq: 08 Apr 2020 15:29

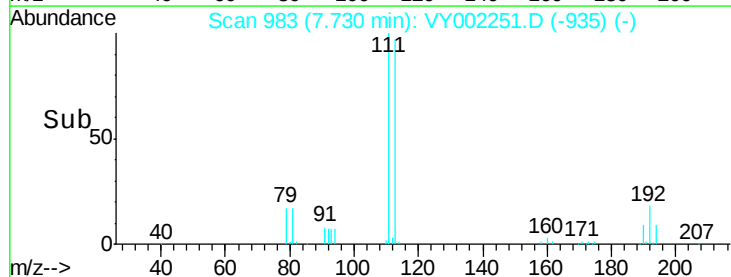
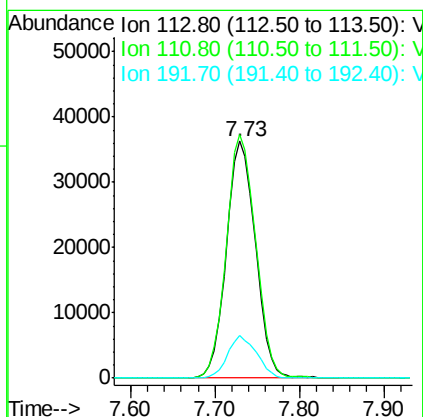
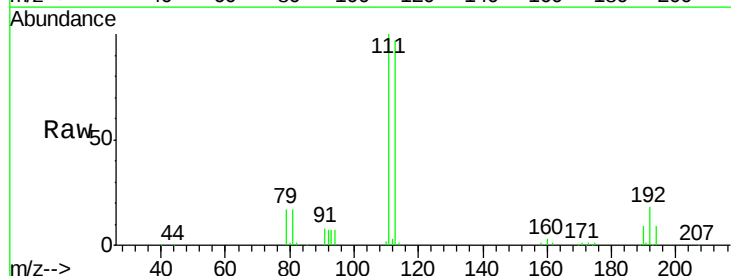
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBL01

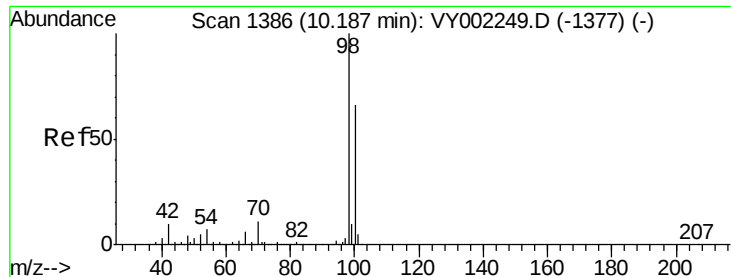
Tot Ion:114	Resp:	300044
Ion Ratio	Lower	Upper
114 100		
63 20.6	0.0	39.0
88 16.1	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 47.779 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002251.D
 Acq: 08 Apr 2020 15:29

Tgt Ion:113	Resp:	85303
Ion Ratio	Lower	Upper
113 100		
111 103.5	83.5	125.3
192 17.8	14.7	22.1





#50

Toluene-d8

Concen: 48.390 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002251.D

Acq: 08 Apr 2020 15:29

Instrument :

MSVOA_Y

ClientSampleId :

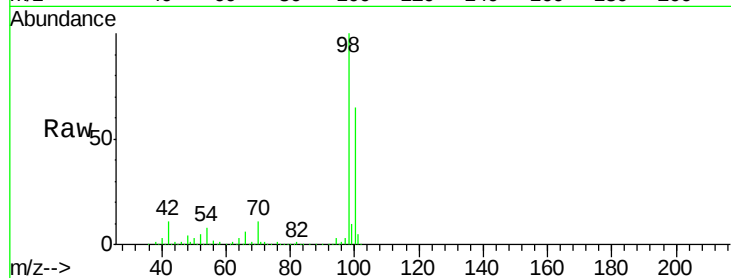
VY0408SBL01

Tot Ion: 98 Resp: 361608

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

250000

200000

150000

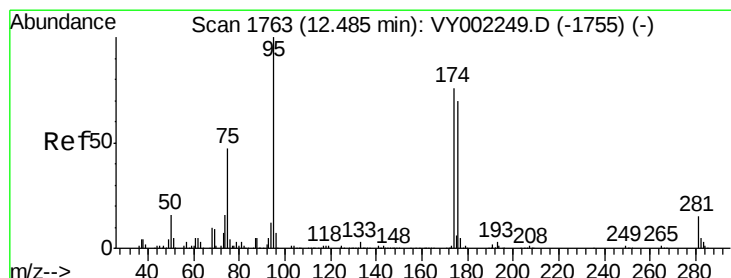
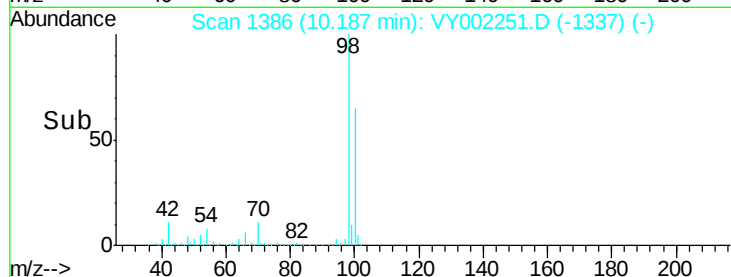
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 49.382 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002251.D

Acq: 08 Apr 2020 15:29

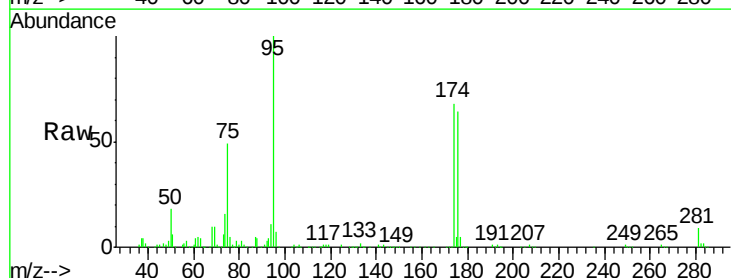
Tgt Ion: 95 Resp: 121745

Ion Ratio Lower Upper

95 100

174 71.3 0.0 150.6

176 69.3 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

100000

80000

60000

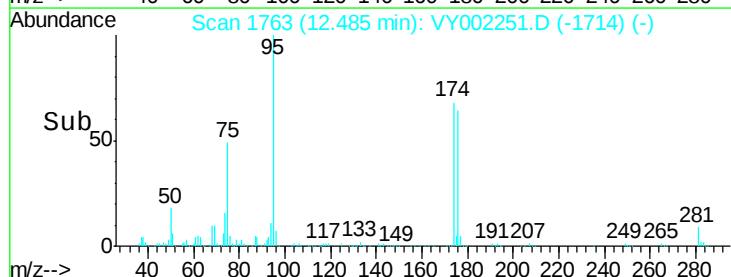
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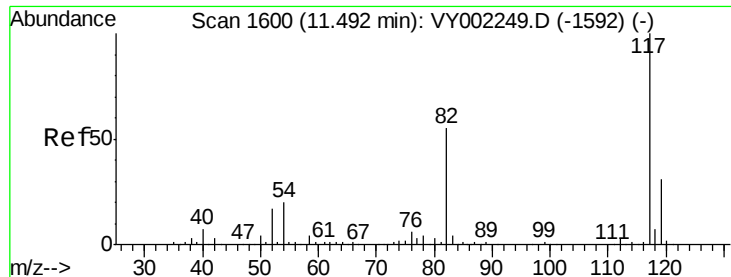
20000

0

12.40 12.50

Time-->

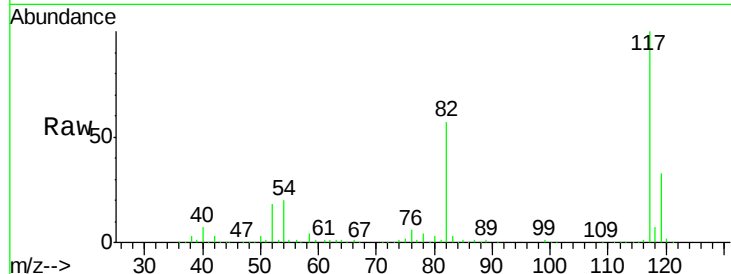




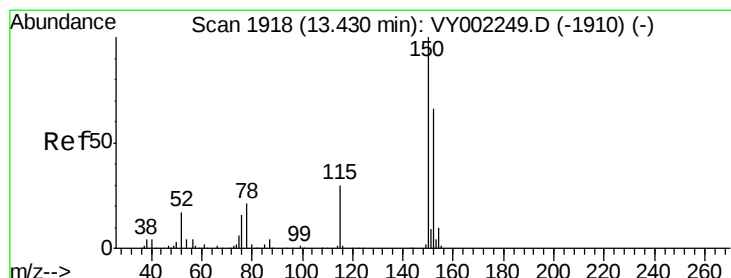
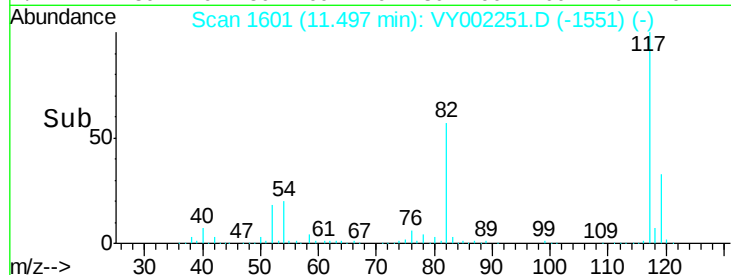
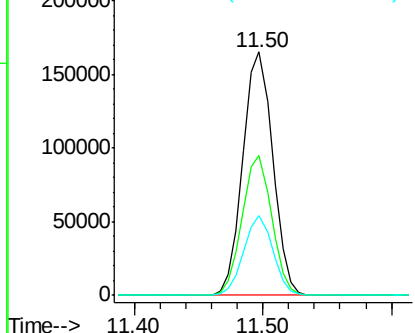
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002251.D
Acq: 08 Apr 2020 15:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBL01

Tot Ion:117 Resp: 265564
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.4
119 32.6 25.1 37.7

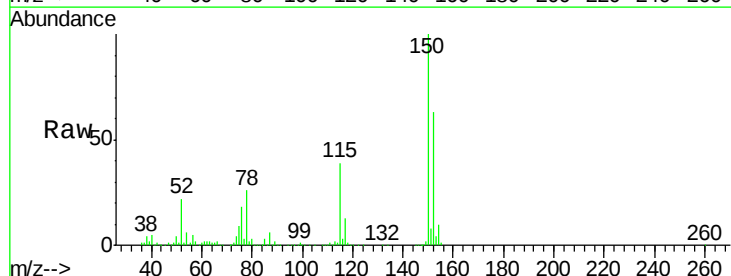


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002251.D
Acq: 08 Apr 2020 15:29

Tgt Ion:152 Resp: 120406
Ion Ratio Lower Upper
152 100
115 61.3 30.7 92.1
150 158.5 0.0 350.6



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

