

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
 Data File : VY001464.D
 Acq On : 03 Feb 2020 11:13
 Operator : SY/MD
 Sample : VY0203SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBL01

Quant Time: Feb 03 13:34:34 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	166327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	312170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	284849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128502	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	100498	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
35) Dibromofluoromethane	7.75	113	91681	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.19	98	367372	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.49	95	135677	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

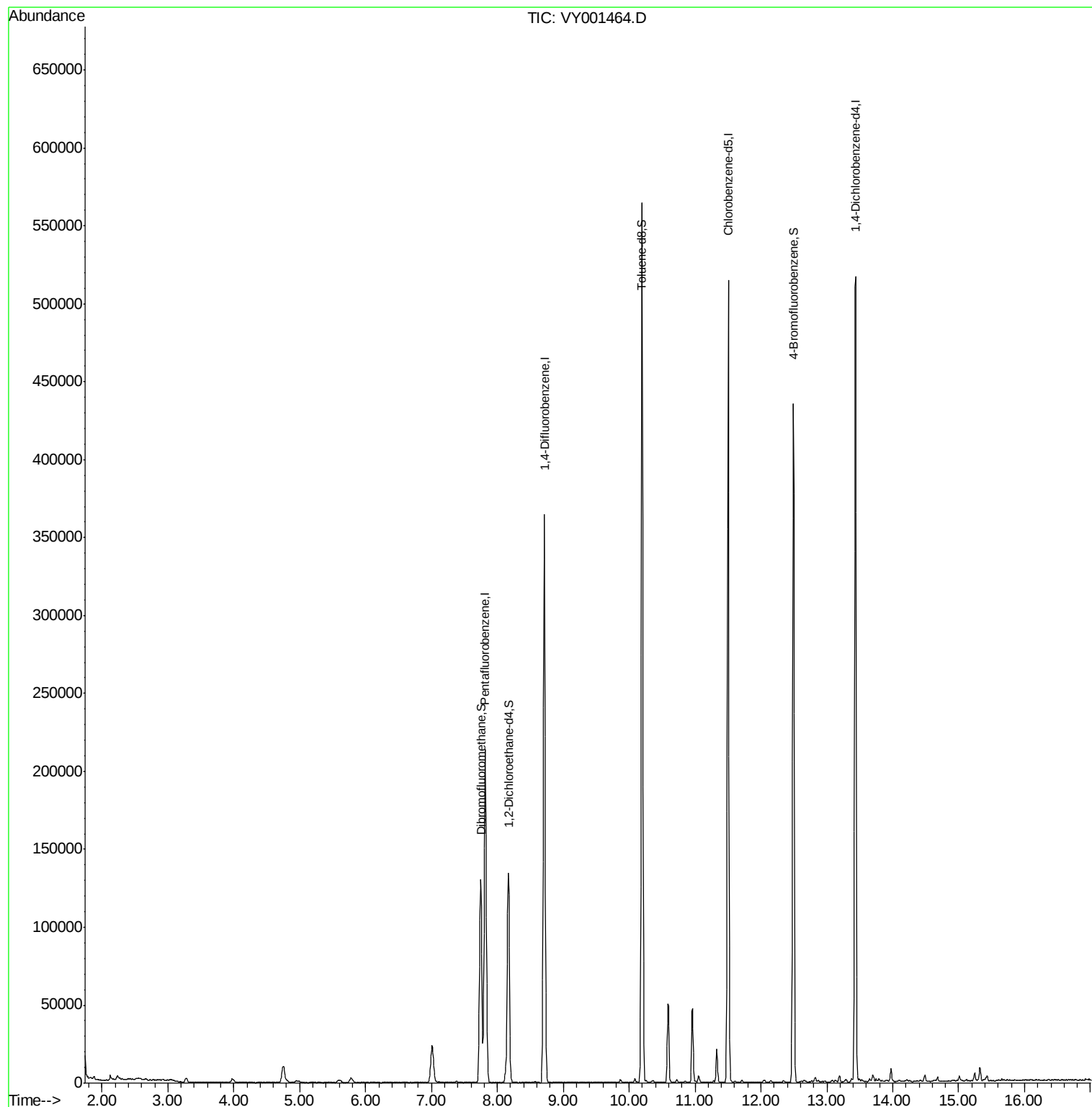
Target Compounds	Qvalue

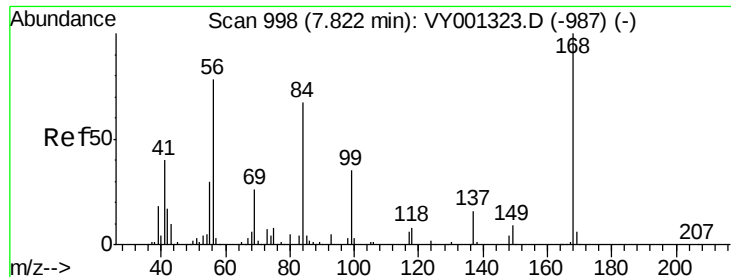
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001464.D

Acq: 03 Feb 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

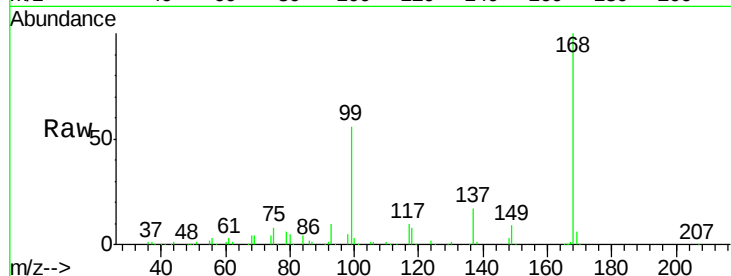
VY0203SBL01

Tot Ion:168 Resp: 166327

Ion Ratio Lower Upper

168 100

99 56.3 44.3 66.5



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

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

80000

60000

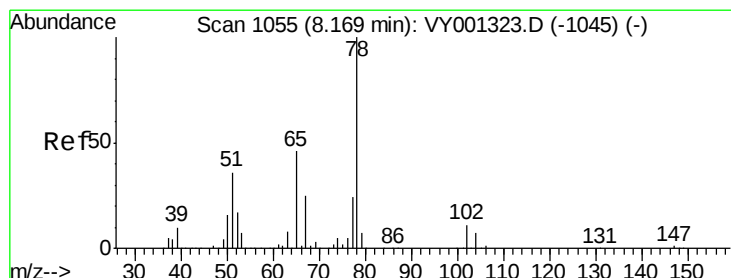
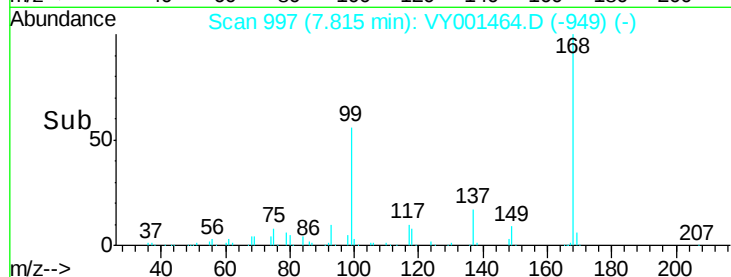
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 55.528 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001464.D

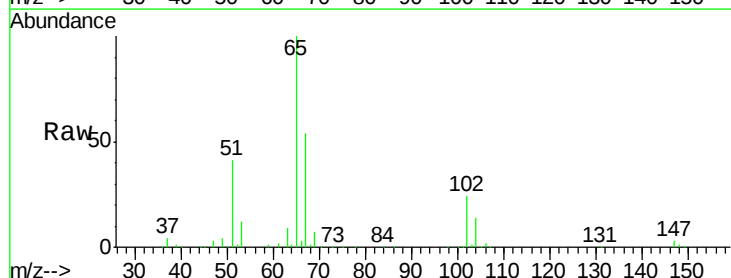
Acq: 03 Feb 2020 11:13

Tgt Ion: 65 Resp: 100498

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.6



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

Ion 66.90 (66.60 to 67.60): VY001323.D (-1045) (-)

8.17

50000

40000

30000

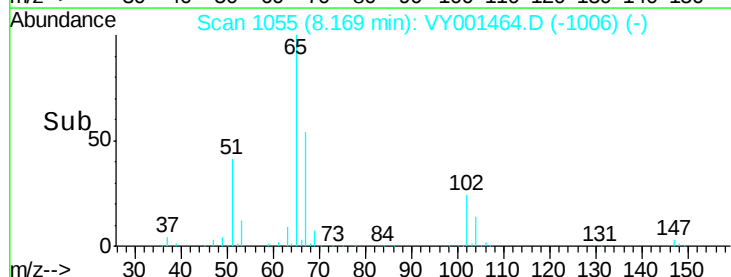
20000

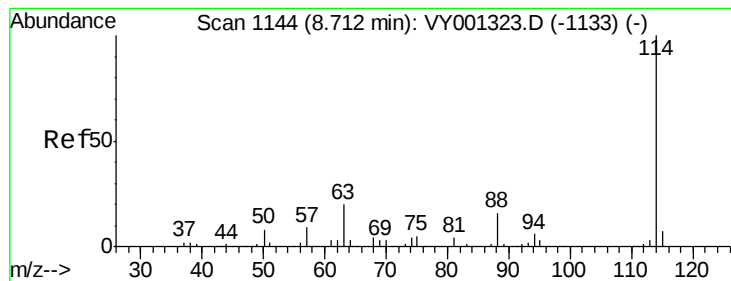
10000

0

Time-->

8.10 8.20 8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001464.D

Acq: 03 Feb 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBL01

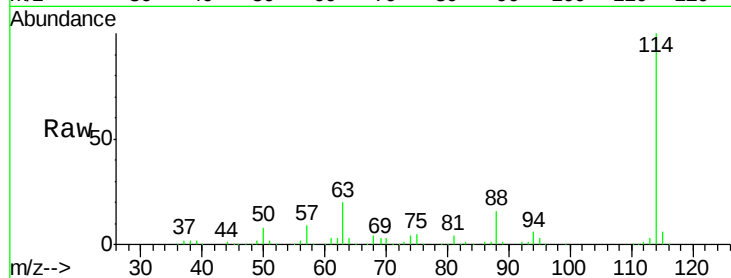
Tot Ion:114 Resp: 312170

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

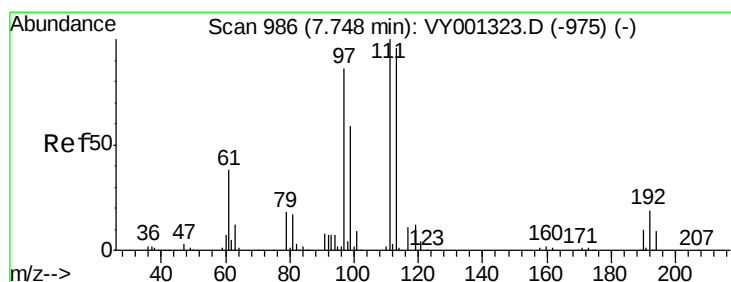
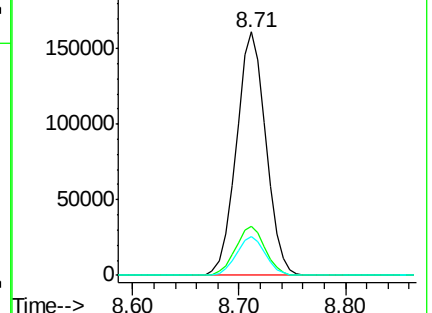
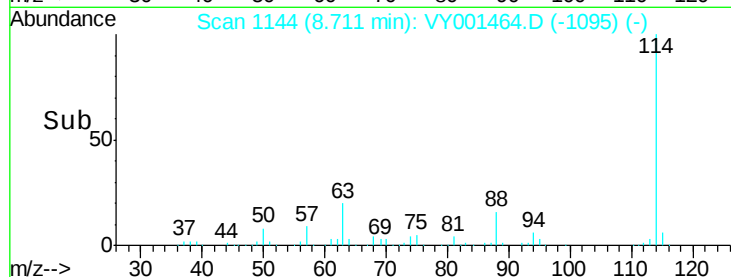
88 15.7 0.0 31.0



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: 50.040 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001464.D

Acq: 03 Feb 2020 11:13

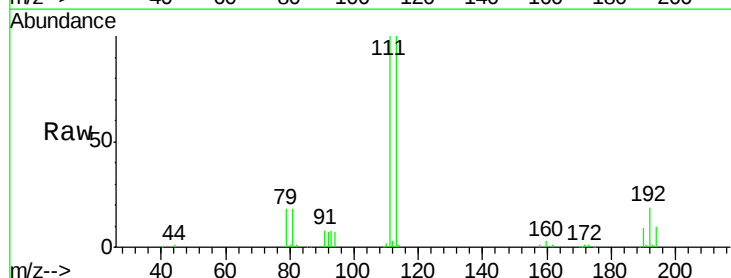
Tgt Ion:113 Resp: 91681

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

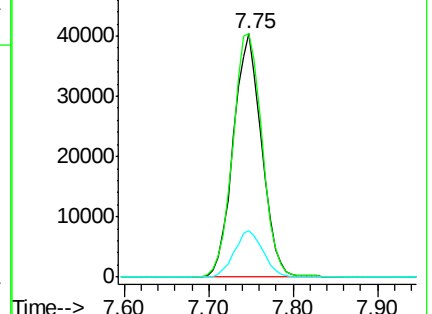
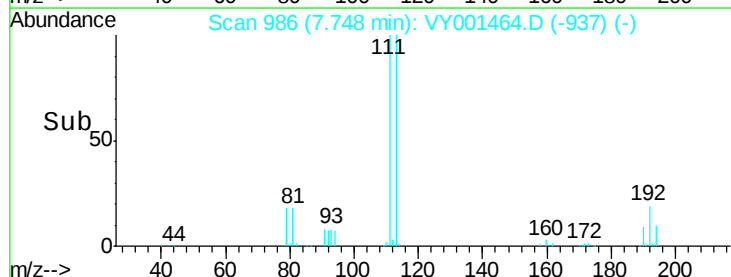
192 19.2 15.5 23.3

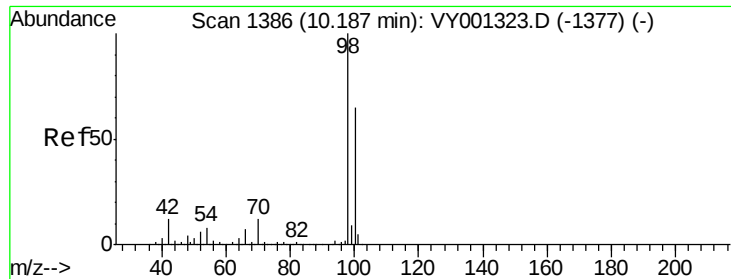


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.609 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001464.D

Acq: 03 Feb 2020 11:13

Instrument :

MSVOA_Y

ClientSampleId :

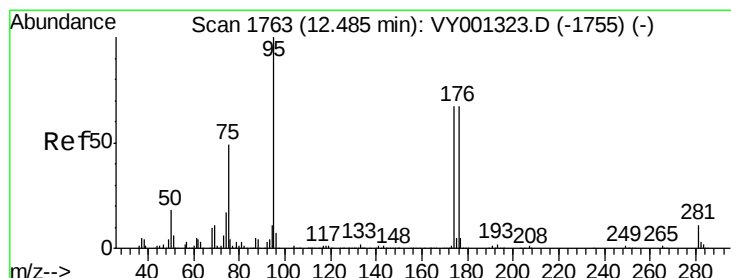
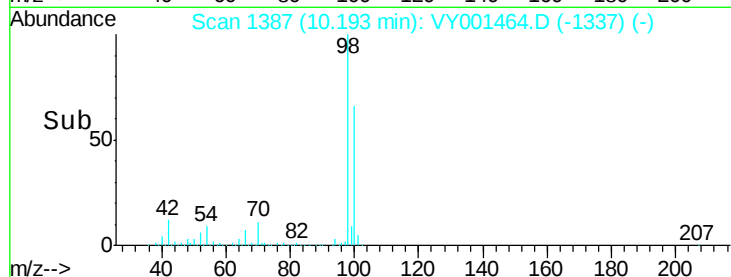
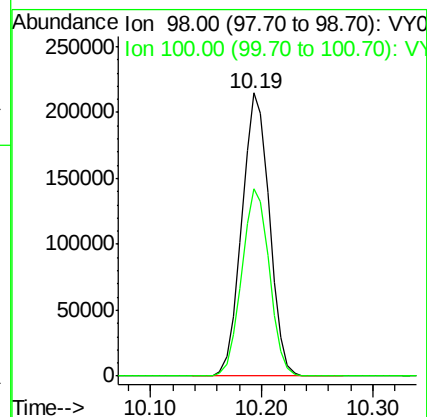
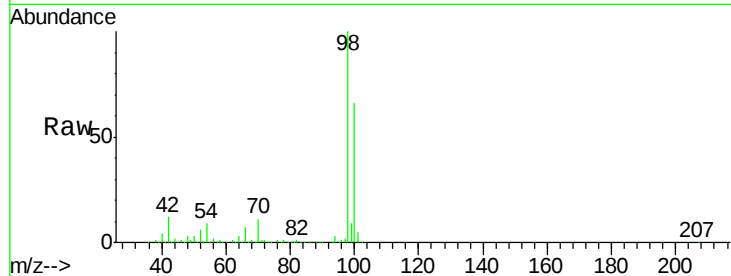
VY0203SBL01

Tot Ion: 98 Resp: 367372

Ion Ratio Lower Upper

98 100

100 66.2 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 47.862 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001464.D

Acq: 03 Feb 2020 11:13

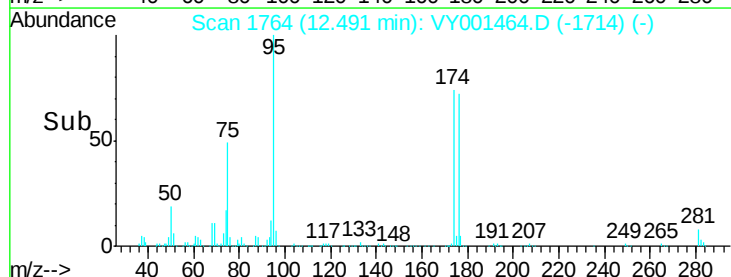
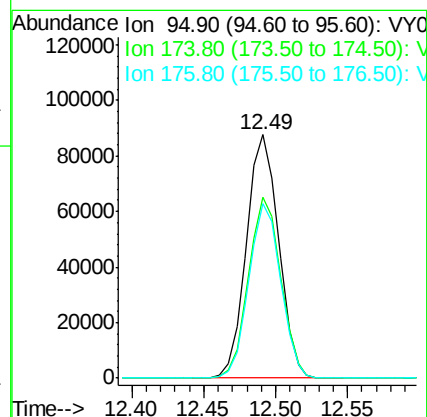
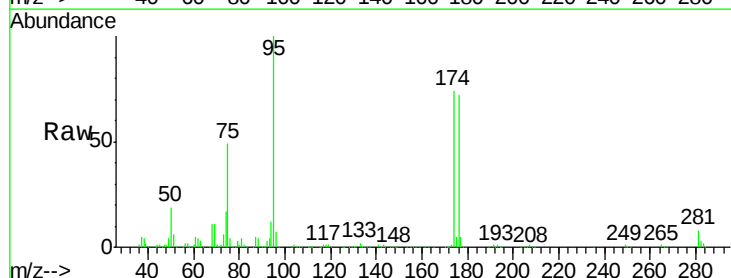
Tgt Ion: 95 Resp: 135677

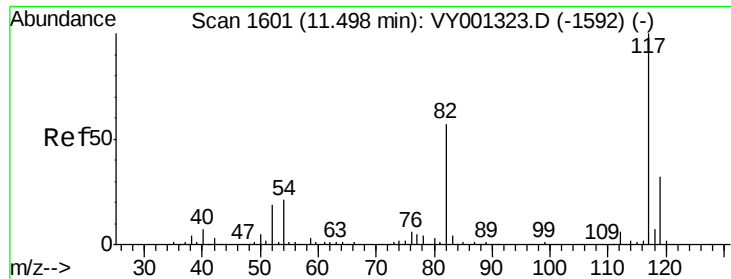
Ion Ratio Lower Upper

95 100

174 74.1 0.0 142.0

176 70.7 0.0 138.6

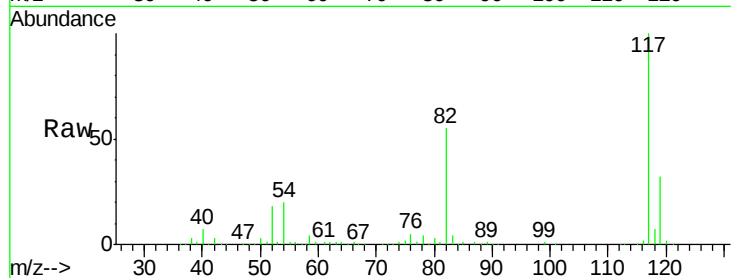




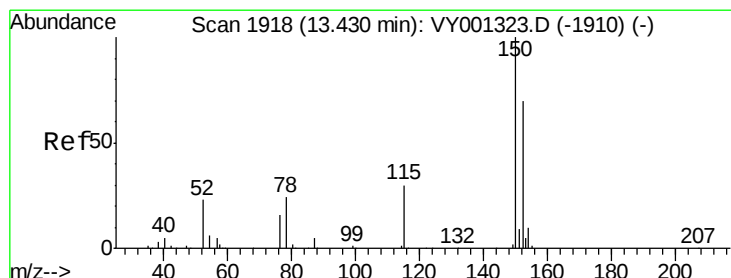
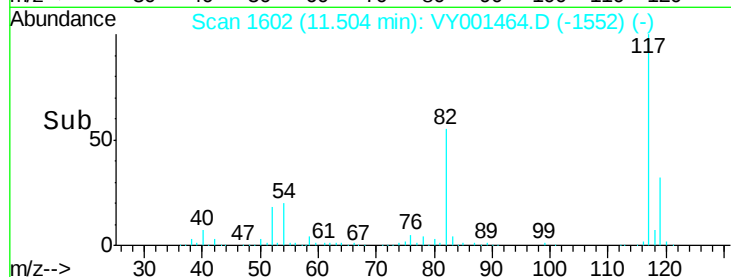
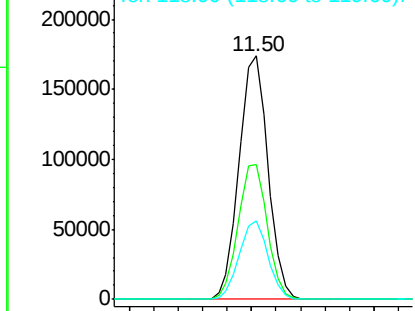
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001464.D
Acq: 03 Feb 2020 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

Tot Ion:117 Resp: 284849
Ion Ratio Lower Upper
117 100
82 55.4 45.5 68.3
119 32.1 25.8 38.6

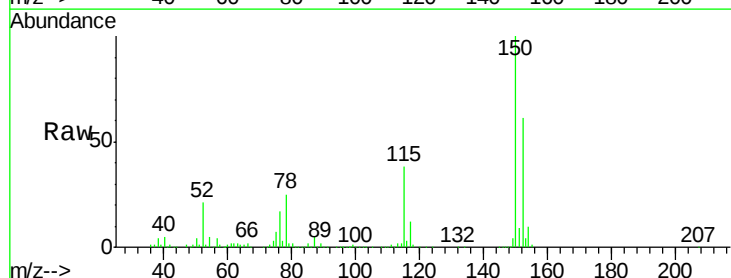


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001464.D
Acq: 03 Feb 2020 11:13

Tgt Ion:152 Resp: 128502
Ion Ratio Lower Upper
152 100
115 60.5 30.9 92.8
150 158.2 0.0 349.2



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

