

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001525.D
 Acq On : 06 Feb 2020 12:58
 Operator : SY/MD
 Sample : VY0206SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBL01

Quant Time: Feb 07 04:16:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	177884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	325927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	301818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	139581	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	107070	59.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.56%	
35) Dibromofluoromethane	7.75	113	98641	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	10.20	98	390019	54.85	ug/l	0.01
Spiked Amount	50.000		Recovery	=	109.70%	
62) 4-Bromofluorobenzene	12.49	95	143768	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

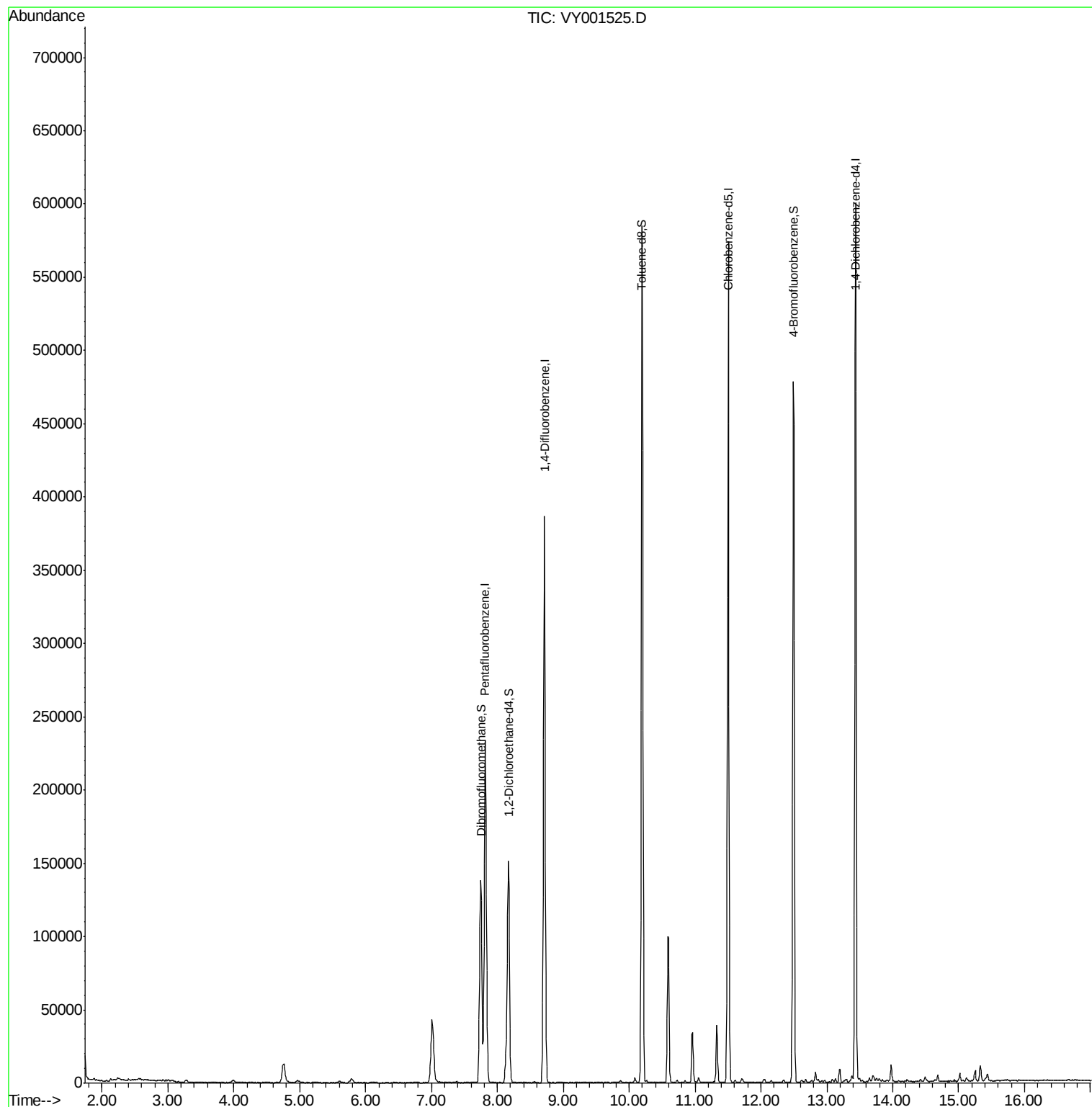
Target Compounds	Qvalue

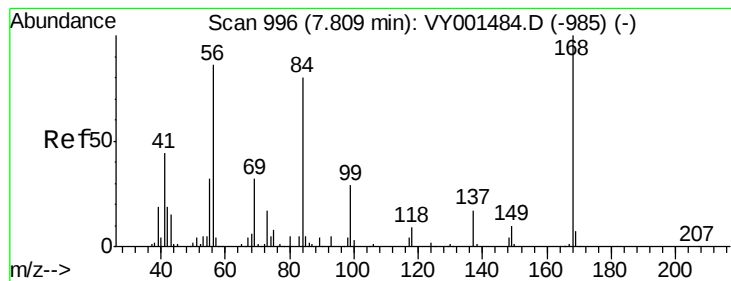
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001525.D

Acq: 06 Feb 2020 12:58

Instrument :

MSVOA_Y

ClientSampleId :

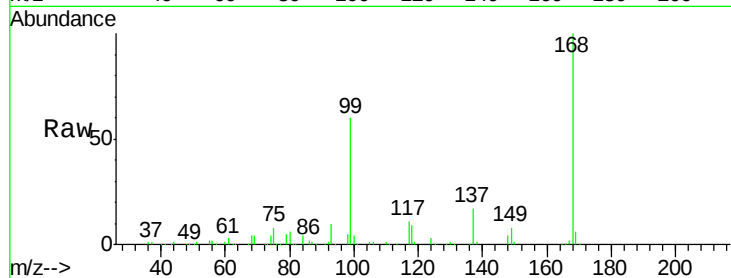
VY0206SBL01

Tot Ion:168 Resp: 177884

Ion Ratio Lower Upper

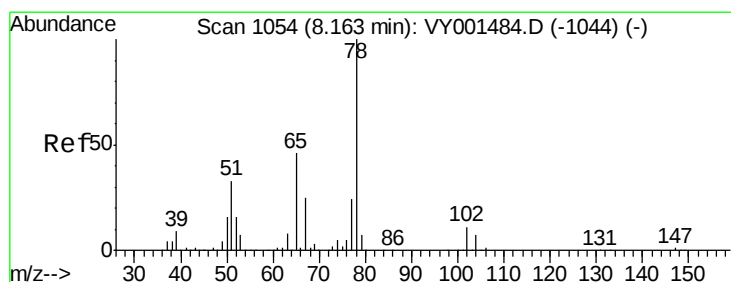
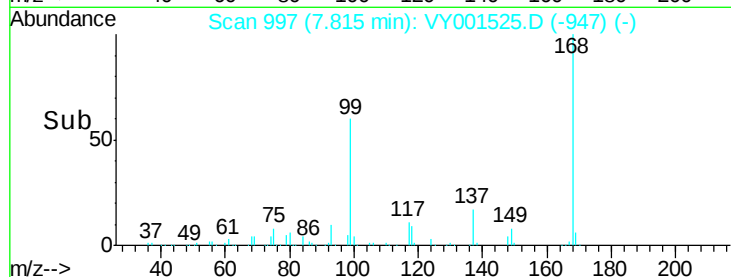
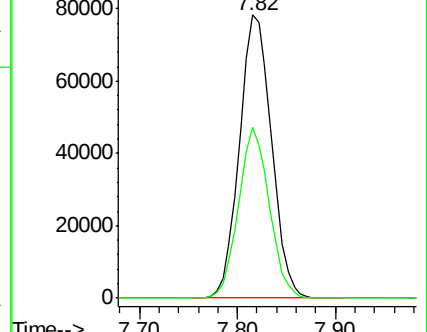
168 100

99 60.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.781 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001525.D

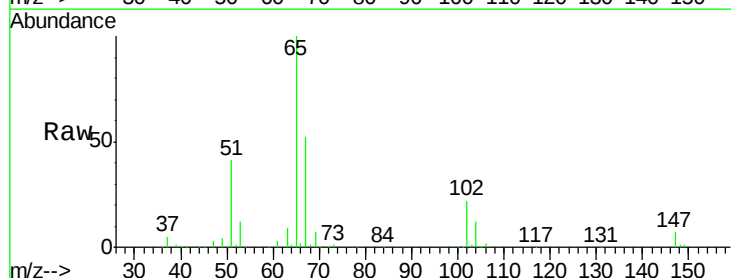
Acq: 06 Feb 2020 12:58

Tgt Ion: 65 Resp: 107070

Ion Ratio Lower Upper

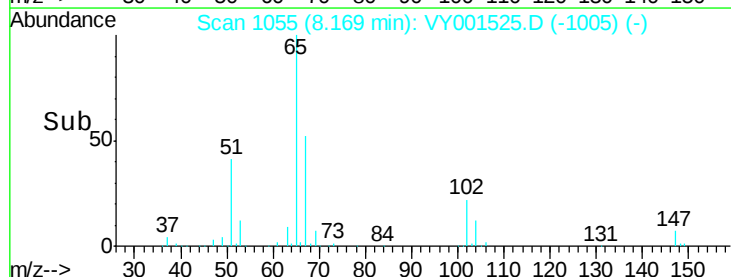
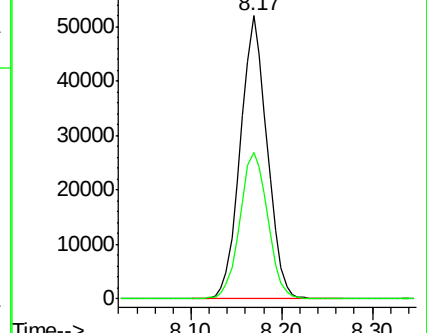
65 100

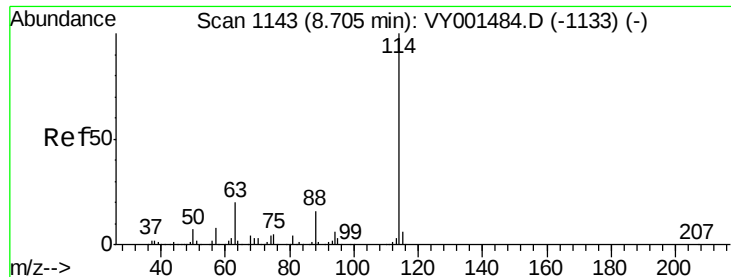
67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001484.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001484.D (-1044) (-)

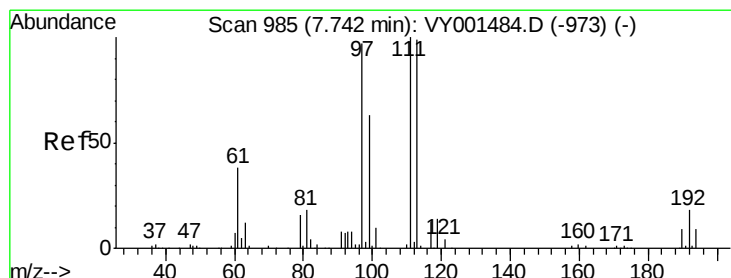
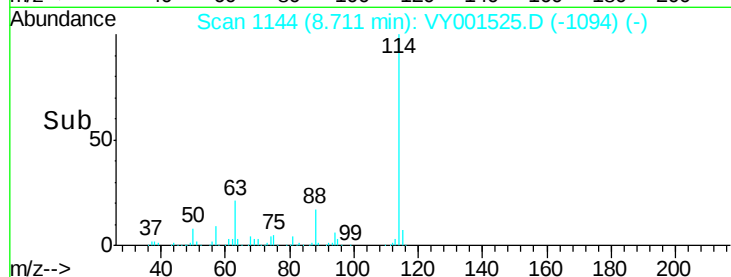
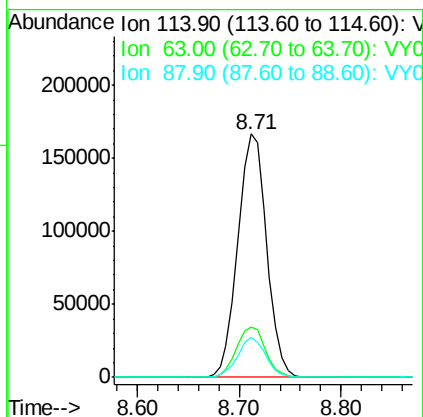
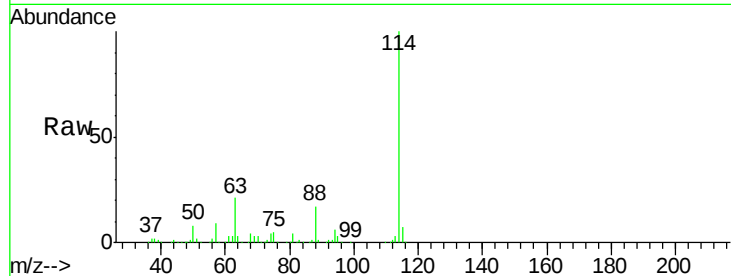




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001525.D
 Acq: 06 Feb 2020 12:58

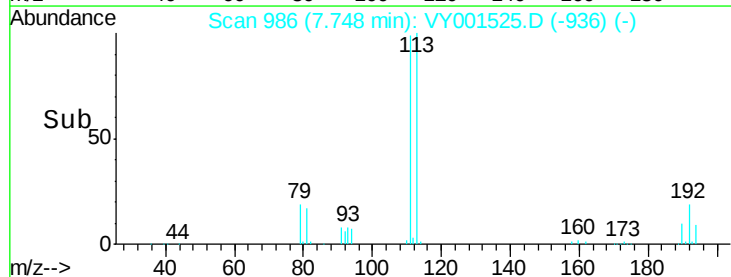
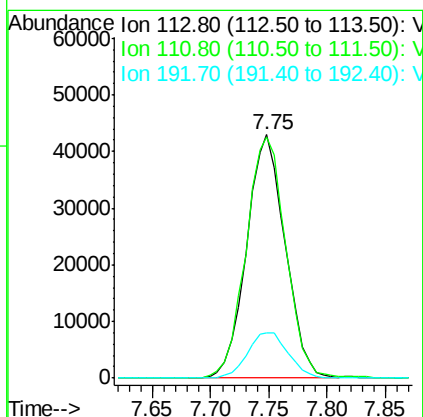
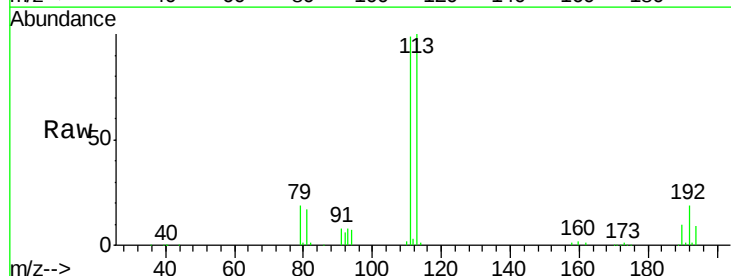
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBL01

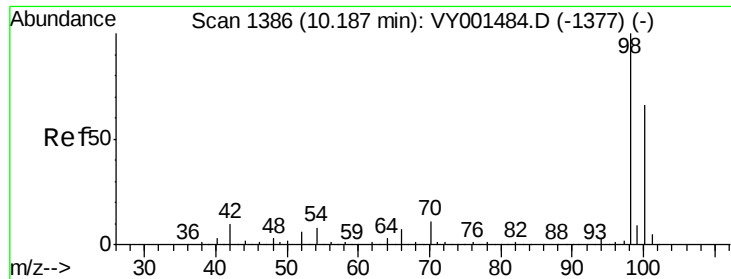
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.8
88	16.7	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 52.484 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001525.D
 Acq: 06 Feb 2020 12:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	19.6	14.6	22.0





#50

Toluene-d8

Concen: 54.849 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001525.D

Acq: 06 Feb 2020 12:58

Instrument :

MSVOA_Y

ClientSampleId :

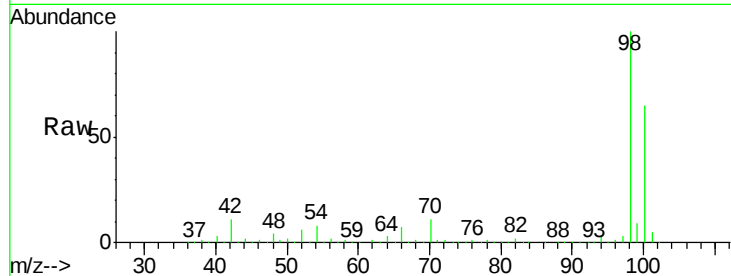
VY0206SBL01

Tot Ion: 98 Resp: 390019

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

250000

200000

150000

100000

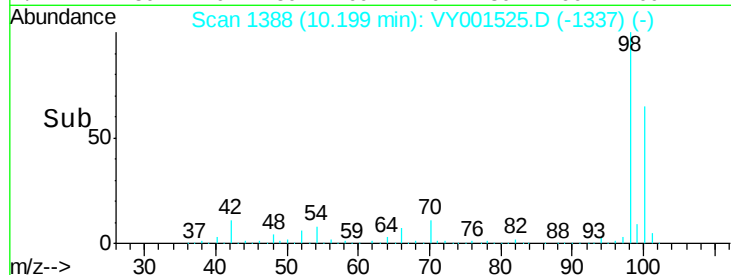
50000

0

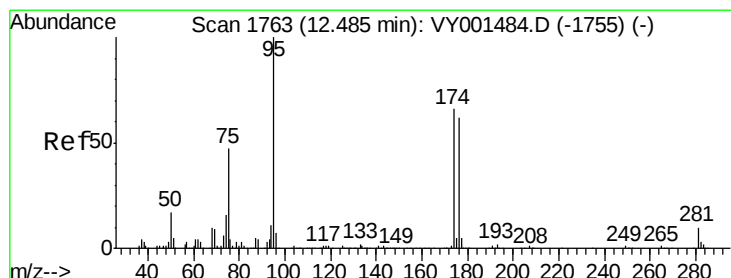
10.10

10.20

10.30



Time-->



#62

4-Bromofluorobenzene

Concen: 51.323 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001525.D

Acq: 06 Feb 2020 12:58

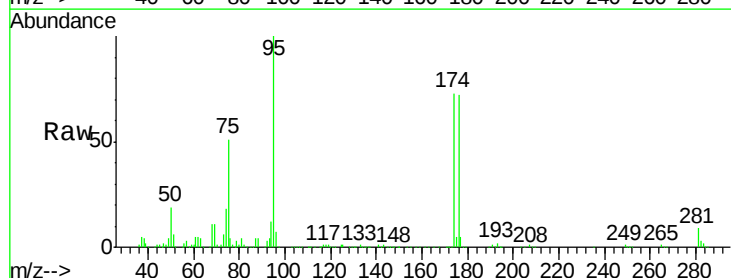
Tgt Ion: 95 Resp: 143768

Ion Ratio Lower Upper

95 100

174 74.9 0.0 141.4

176 72.8 0.0 135.4



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

120000

100000

80000

60000

40000

20000

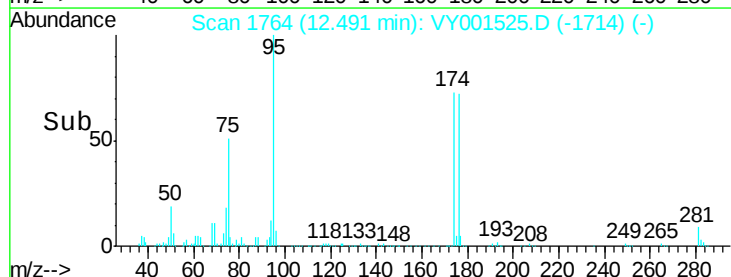
0

12.40

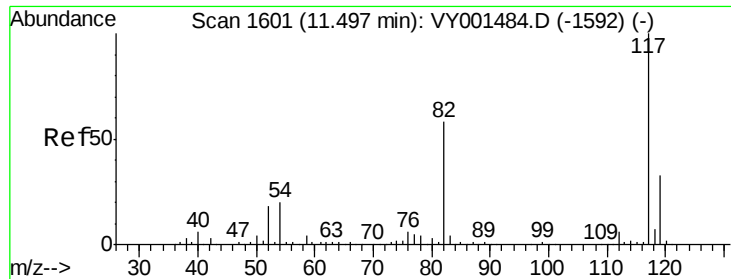
12.45

12.50

12.55



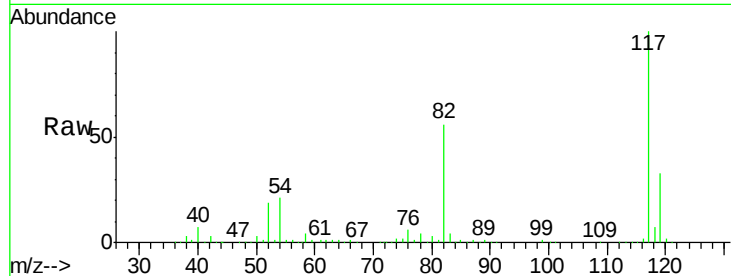
Time-->



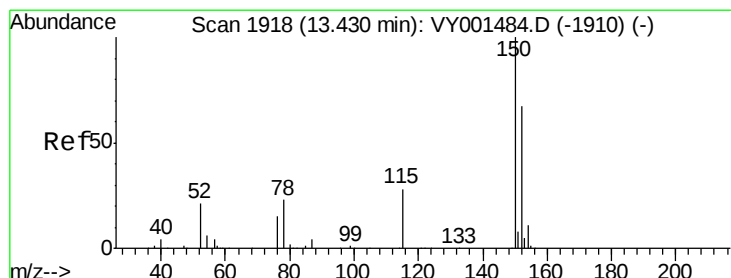
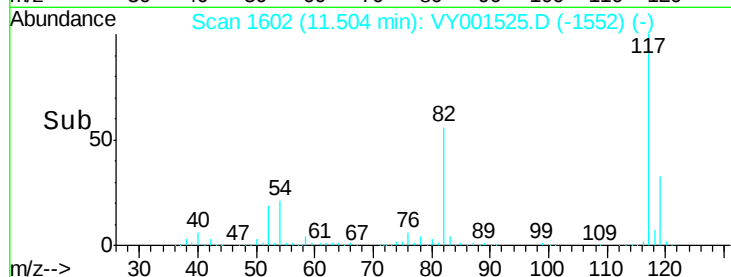
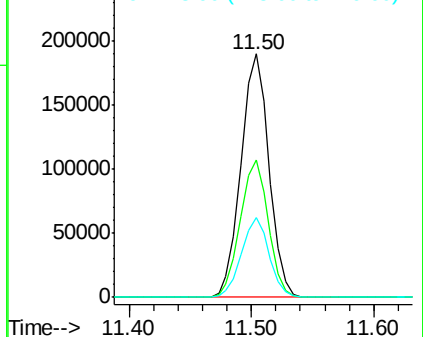
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001525.D
Acq: 06 Feb 2020 12:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBL01

Tot Ion:117 Resp: 301818
Ion Ratio Lower Upper
117 100
82 56.2 46.1 69.1
119 32.8 26.1 39.1

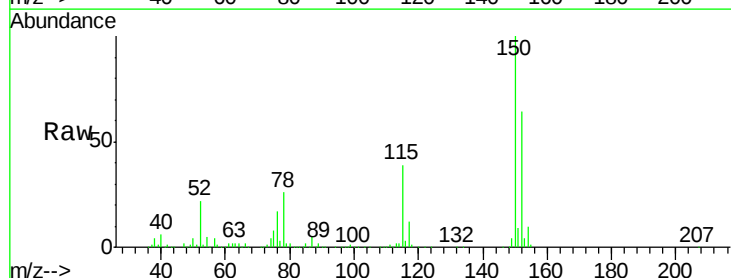


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001525.D
Acq: 06 Feb 2020 12:58

Tgt Ion:152 Resp: 139581
Ion Ratio Lower Upper
152 100
115 60.8 31.4 94.3
150 156.7 0.0 346.8



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

