

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002183.D
 Acq On : 02 Apr 2020 11:44
 Operator : SY/MD
 Sample : VY0402SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBL01

Quant Time: Apr 03 03:39:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	129846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	256354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	239013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	103109	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	81755	56.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.92%	
35) Dibromofluoromethane	7.74	113	76482	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	10.19	98	312266	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.49	95	108512	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	

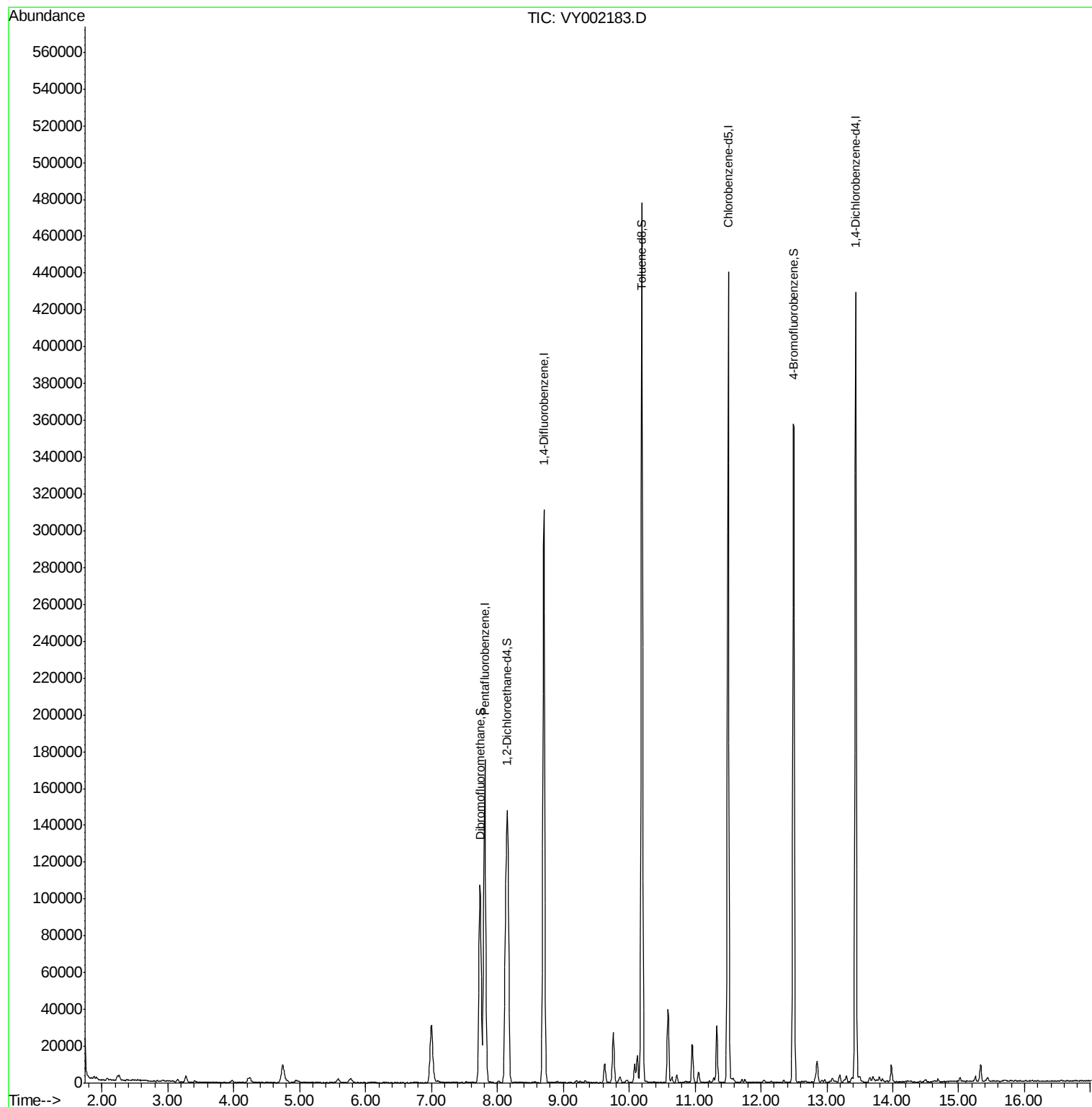
Target Compounds	Qvalue

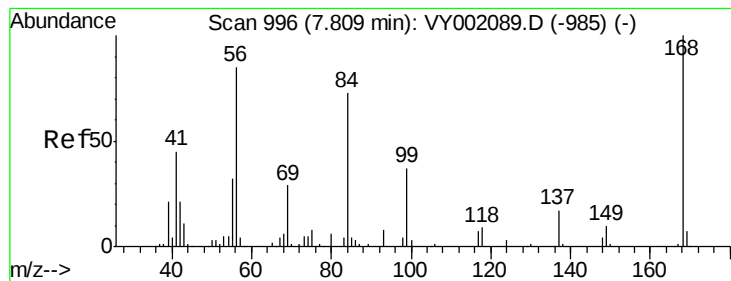
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002183.D

Acq: 02 Apr 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

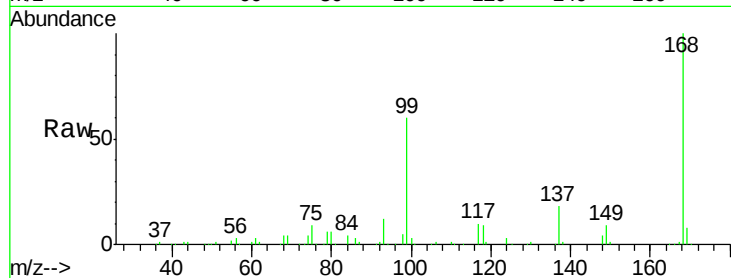
VY0402SBL01

Tot Ion:168 Resp: 129846

Ion Ratio Lower Upper

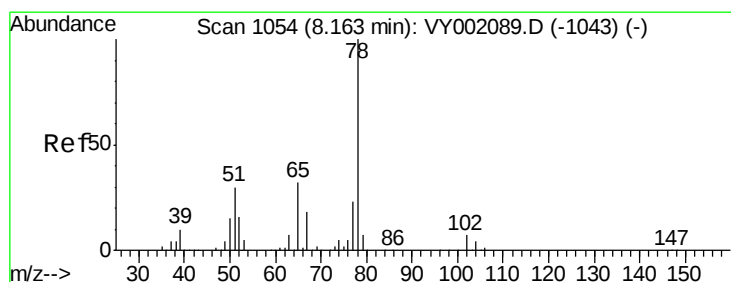
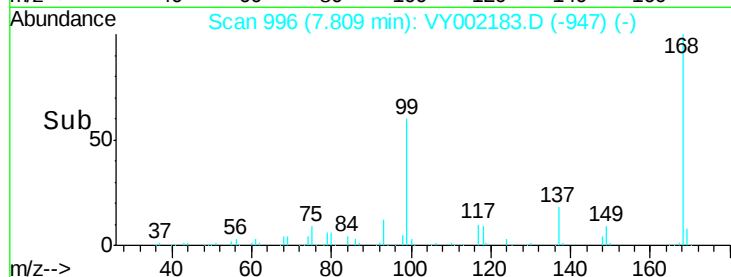
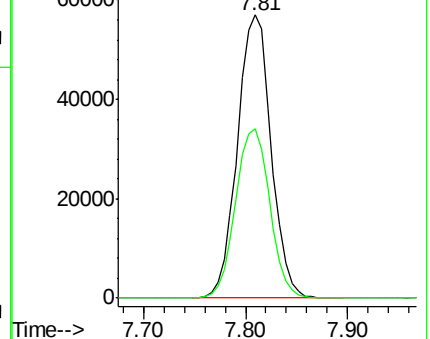
168 100

99 59.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002183.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.956 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002183.D

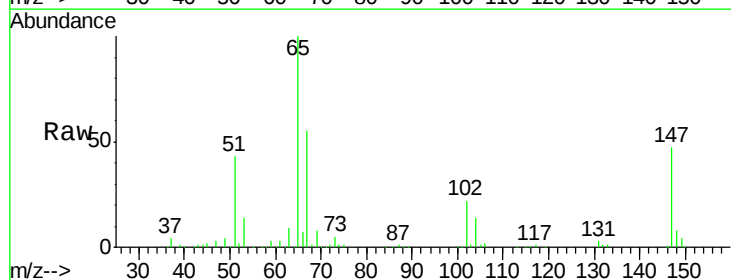
Acq: 02 Apr 2020 11:44

Tgt Ion: 65 Resp: 81755

Ion Ratio Lower Upper

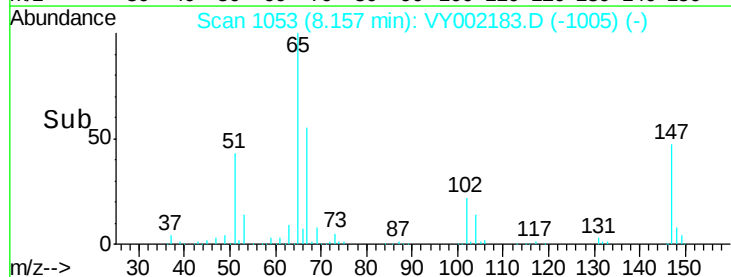
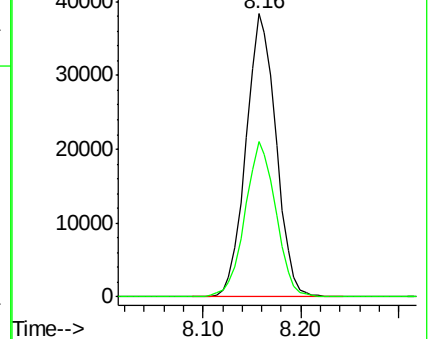
65 100

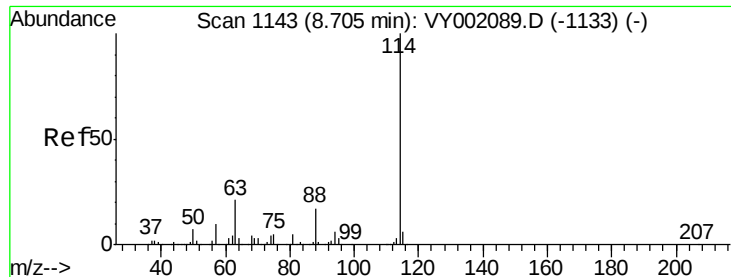
67 56.2 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002089.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002183.D (-1005) (-)

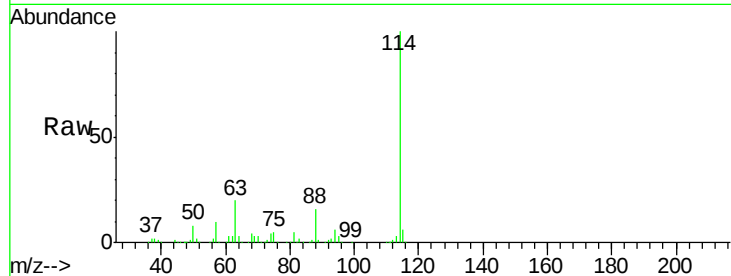




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002183.D
 Acq: 02 Apr 2020 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBL01

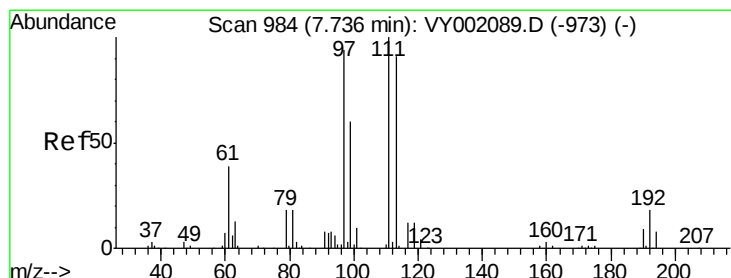
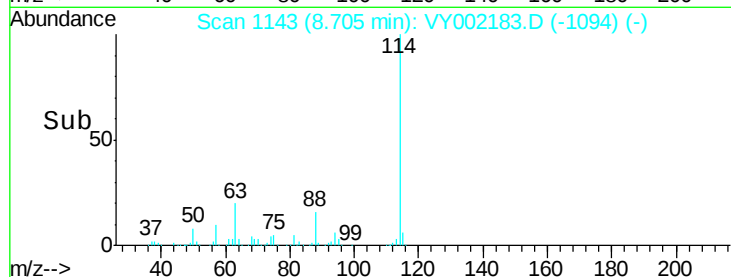
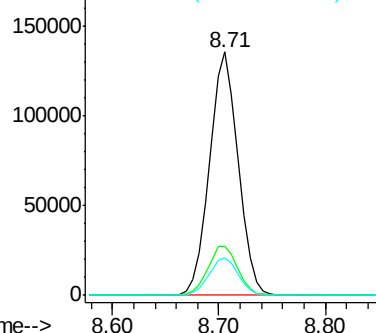
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.4
88	15.6	0.0	33.0



Abundance Ion 113.90 (113.60 to 114.60): V

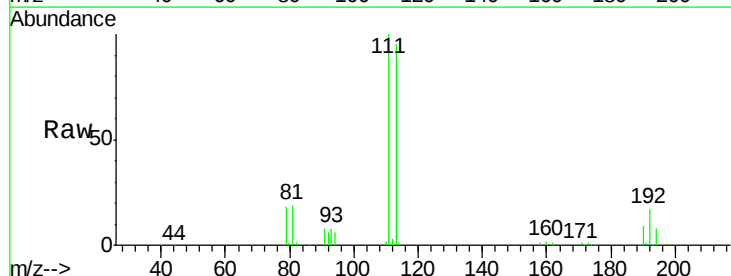
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 53.246 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002183.D
 Acq: 02 Apr 2020 11:44

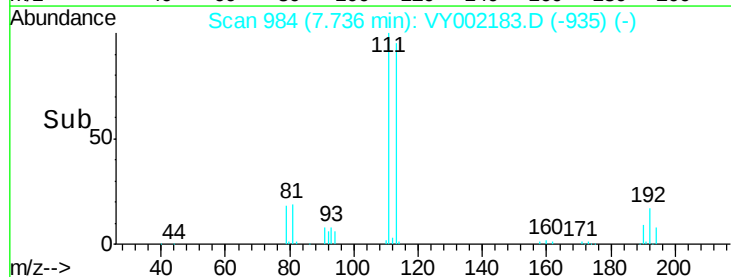
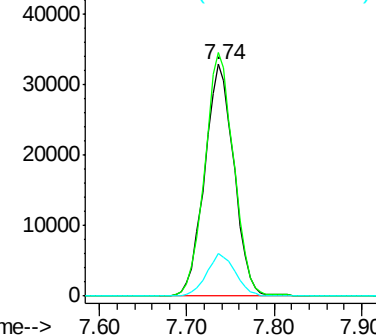
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	84.4	126.6
192	17.8	14.6	21.8

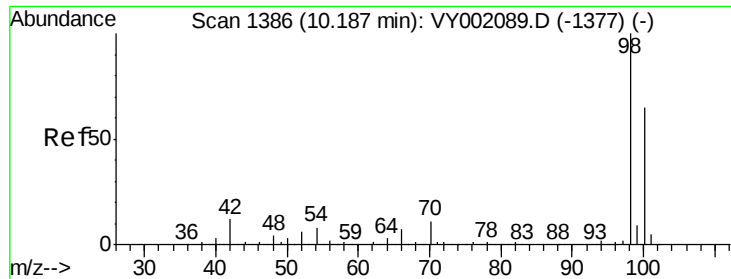


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.331 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002183.D

Acq: 02 Apr 2020 11:44

Instrument :

MSVOA_Y

ClientSampleId :

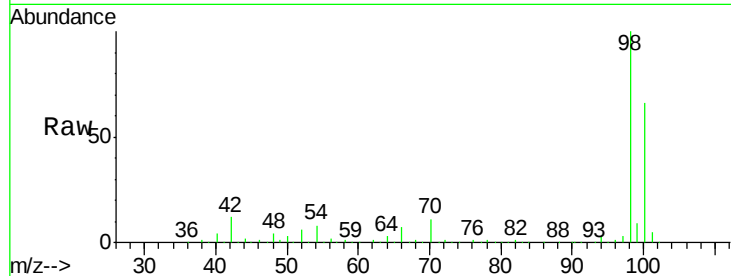
VY0402SBL01

Tot Ion: 98 Resp: 312266

Ion Ratio Lower Upper

98 100

100 66.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

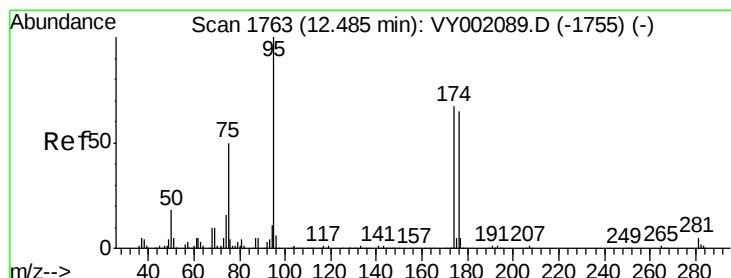
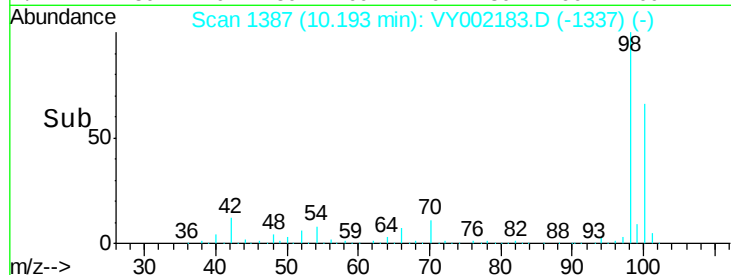
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.997 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002183.D

Acq: 02 Apr 2020 11:44

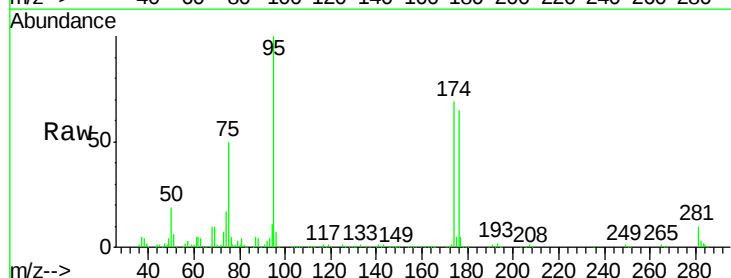
Tgt Ion: 95 Resp: 108512

Ion Ratio Lower Upper

95 100

174 72.1 0.0 143.4

176 69.8 0.0 137.0



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

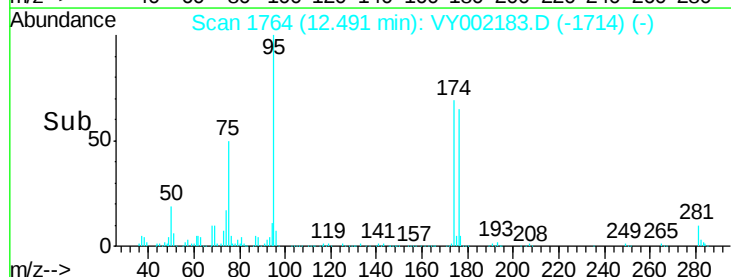
60000

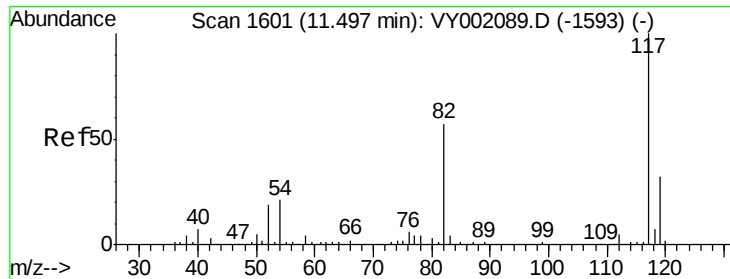
40000

20000

0

Time-->

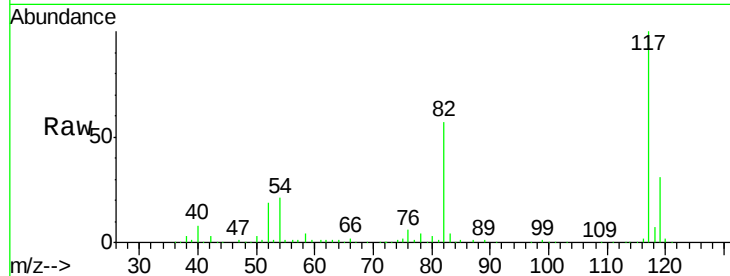




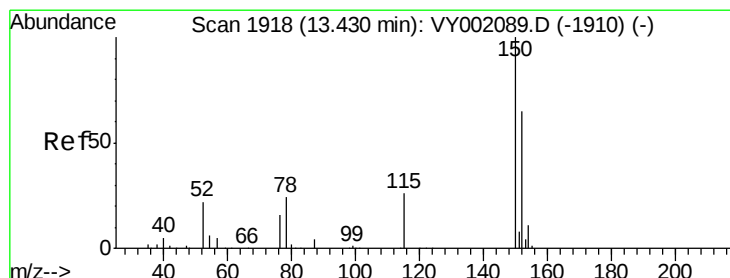
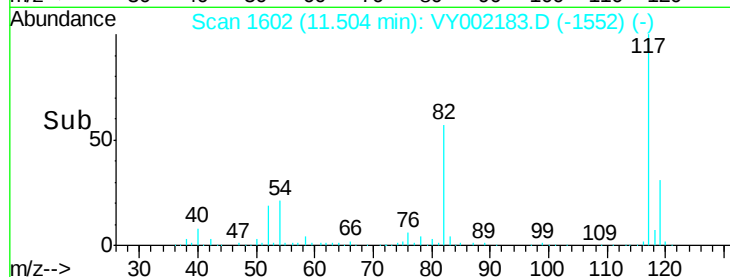
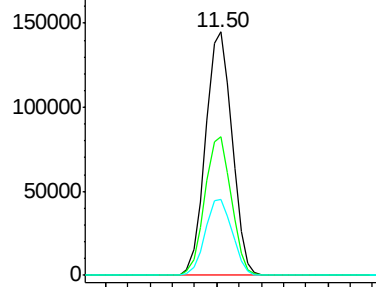
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002183.D
Acq: 02 Apr 2020 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

Tot Ion:117 Resp: 239013
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 31.1 25.3 37.9

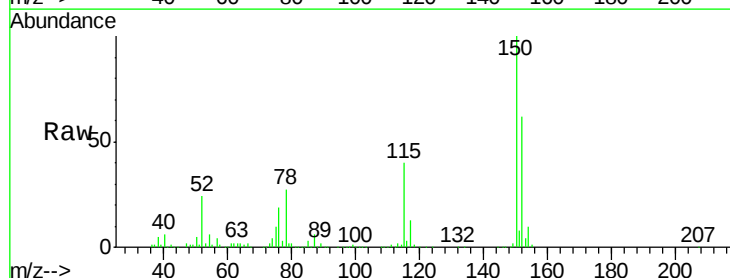


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002183.D
Acq: 02 Apr 2020 11:44

Tgt Ion:152 Resp: 103109
Ion Ratio Lower Upper
152 100
115 62.0 31.2 93.6
150 158.6 0.0 354.8



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

