

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022420\
 Data File : VY001762.D
 Acq On : 24 Feb 2020 10:53
 Operator : SY/MD
 Sample : VY0224SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBL01

Quant Time: Feb 24 14:19:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	170335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	320357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	286101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121388	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	102459	55.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.84%	
35) Dibromofluoromethane	7.74	113	92967	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.19	98	383090	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.48	95	128828	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	

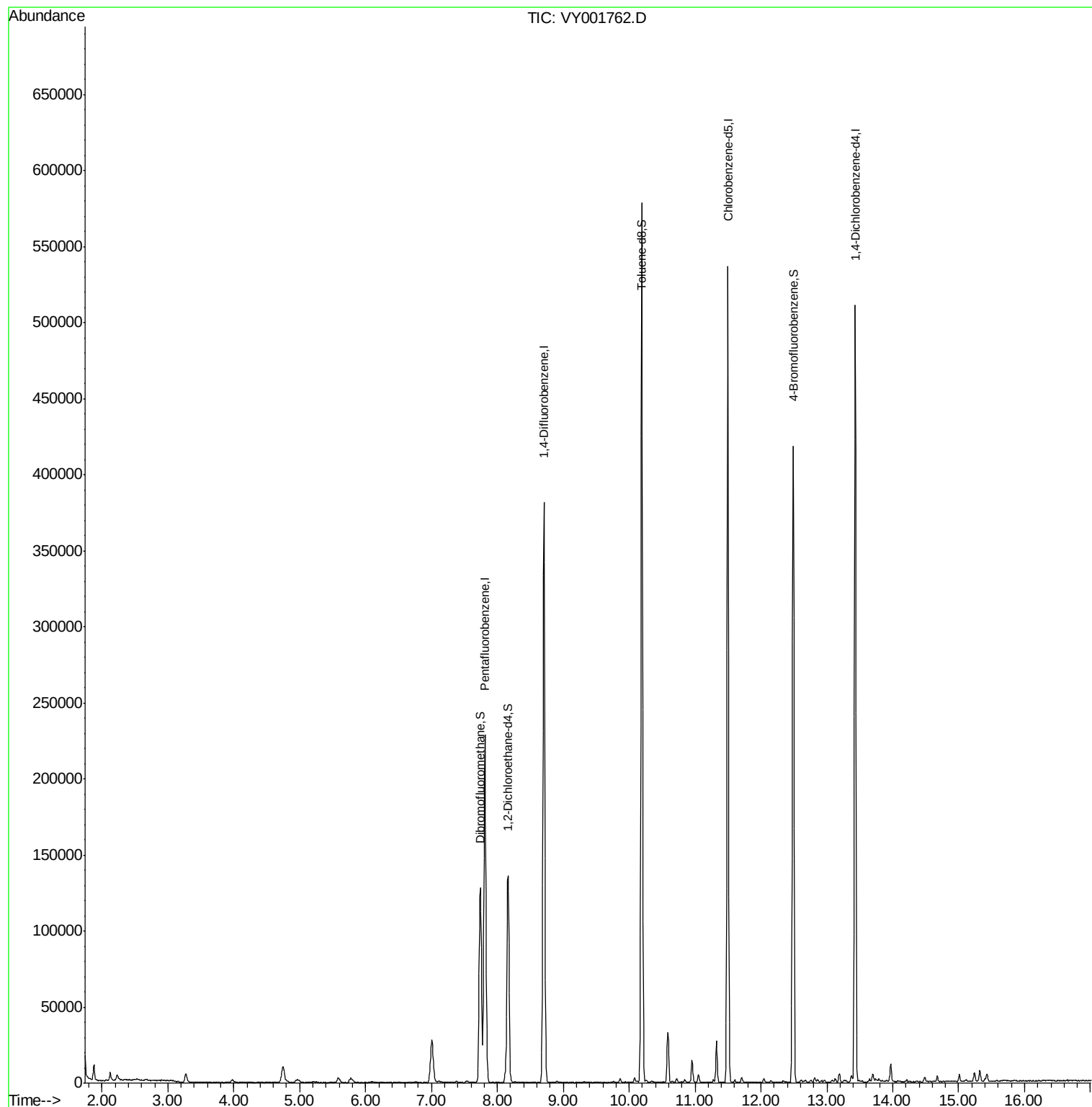
Target Compounds	Qvalue
------------------	--------

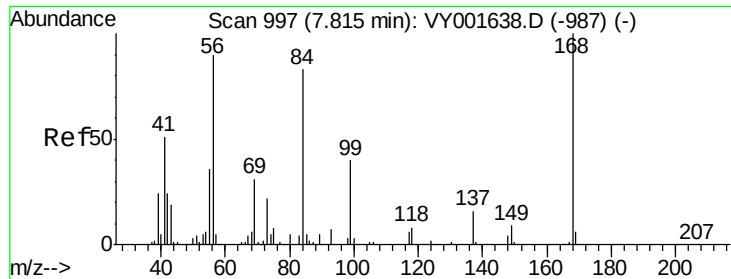
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022420\
Data File : VY001762.D
Acq On : 24 Feb 2020 10:53
Operator : SY/MD
Sample : VY0224SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBL01

Quant Time: Feb 24 14:19:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001762.D

Acq: 24 Feb 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

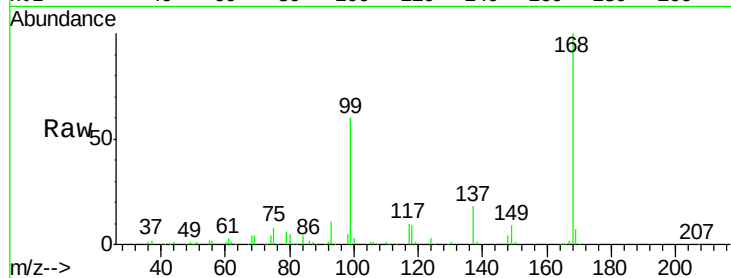
VY0224SBL01

Tot Ion:168 Resp: 170335

Ion Ratio Lower Upper

168 100

99 59.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.81

80000

60000

40000

20000

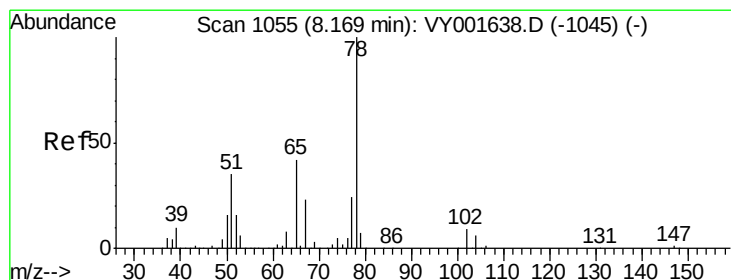
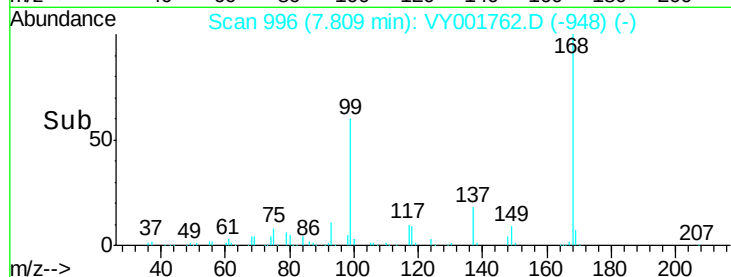
0

Time-->

7.70

7.80

7.90



#33

1,2-Dichloroethane-d4

Concen: 55.921 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001762.D

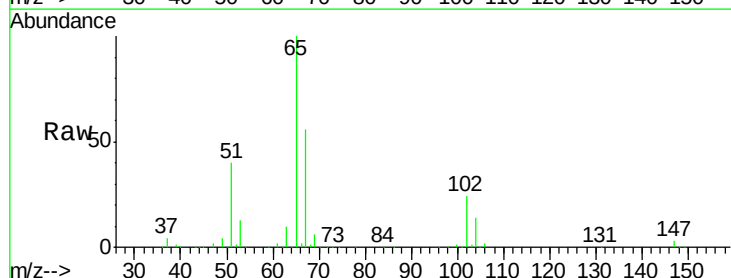
Acq: 24 Feb 2020 10:53

Tgt Ion: 65 Resp: 102459

Ion Ratio Lower Upper

65 100

67 55.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001638.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001638.D (-1045) (-)

8.16

50000

40000

30000

20000

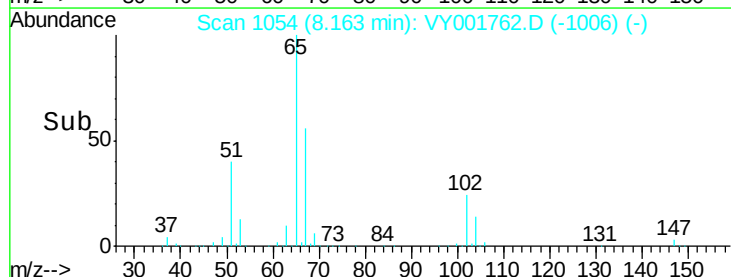
10000

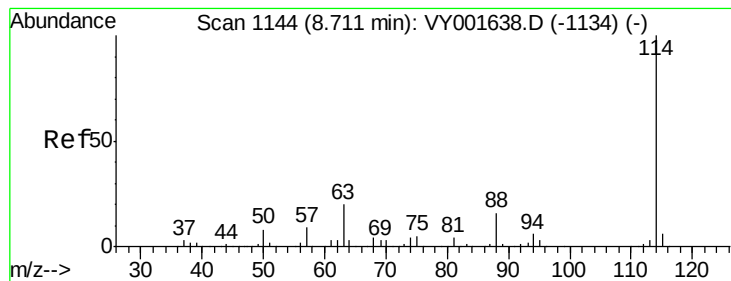
0

Time-->

8.10

8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001762.D

Acq: 24 Feb 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBL01

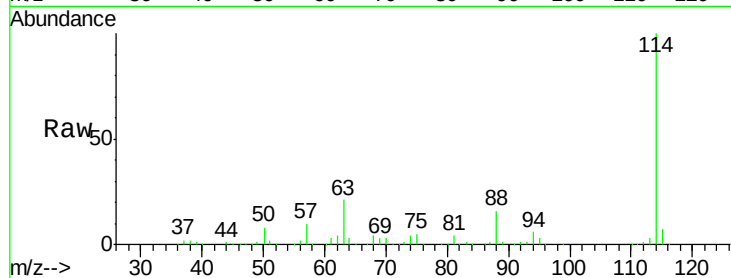
Tot Ion:114 Resp: 320357

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

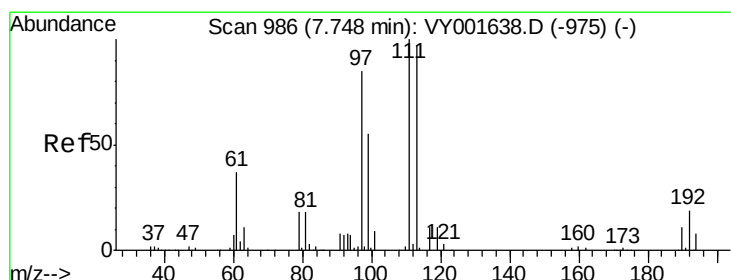
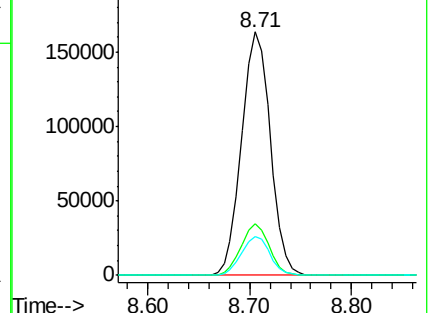
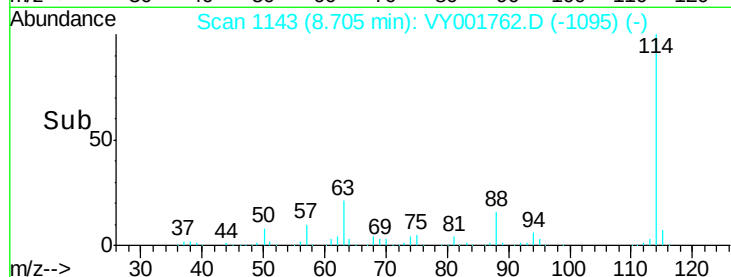
88 15.8 0.0 32.8



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: 50.667 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001762.D

Acq: 24 Feb 2020 10:53

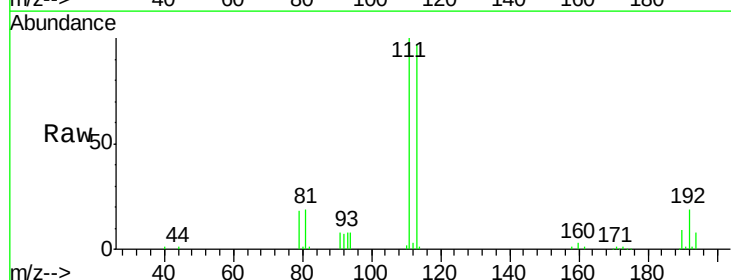
Tgt Ion:113 Resp: 92967

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

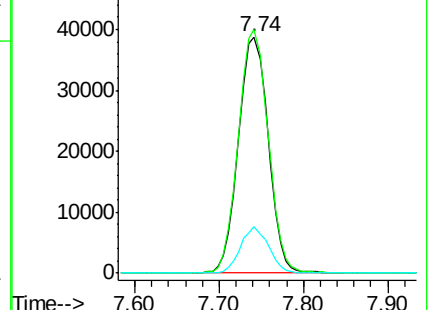
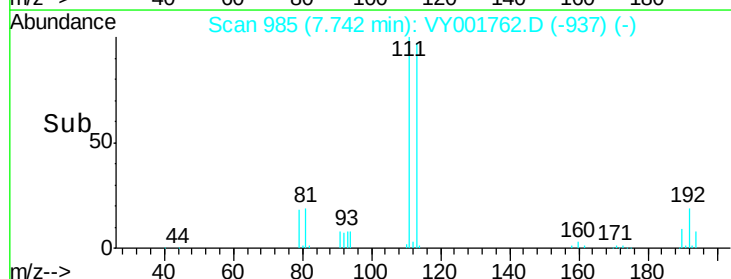
192 18.3 14.3 21.5

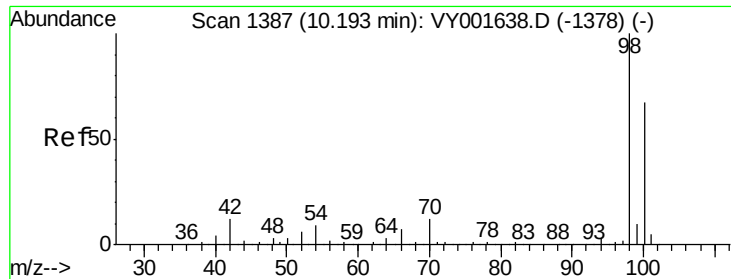


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.293 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY001762.D

Acq: 24 Feb 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

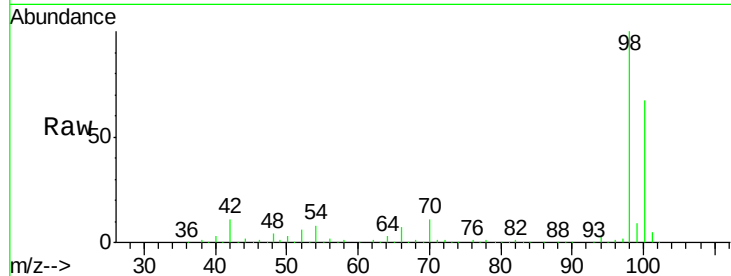
VY0224SBL01

Tot Ion: 98 Resp: 383090

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

200000

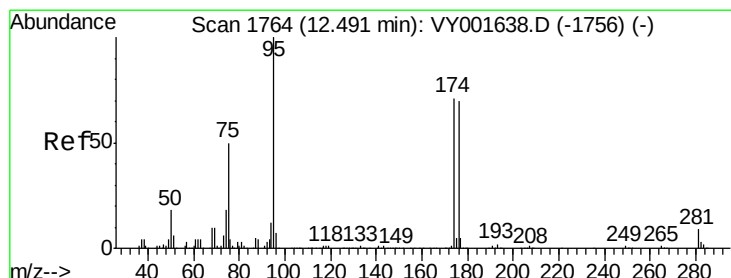
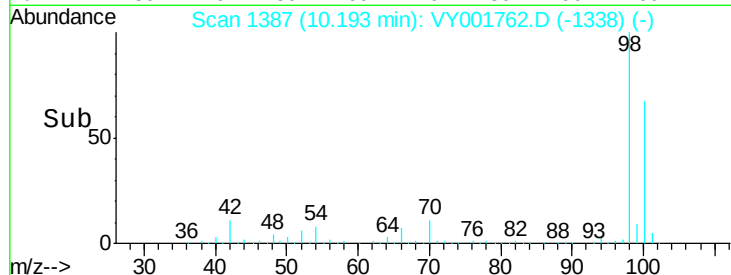
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.131 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001762.D

Acq: 24 Feb 2020 10:53

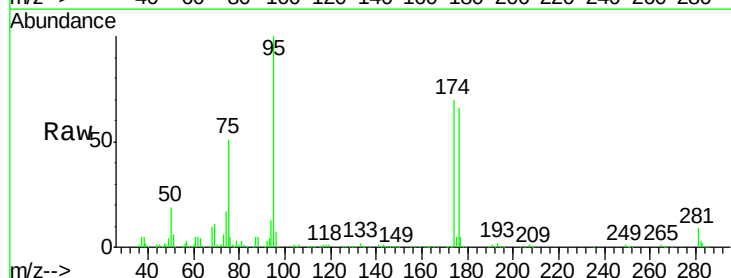
Tgt Ion: 95 Resp: 128828

Ion Ratio Lower Upper

95 100

174 72.5 0.0 138.4

176 69.4 0.0 131.8



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

12.48

100000

80000

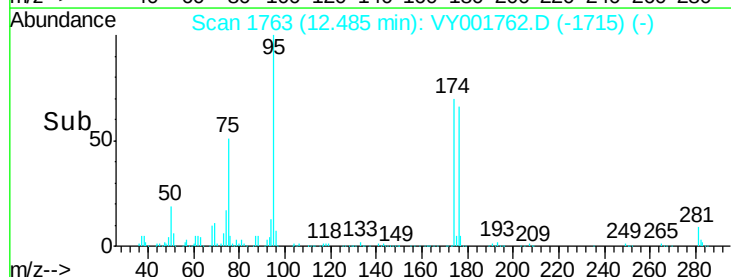
60000

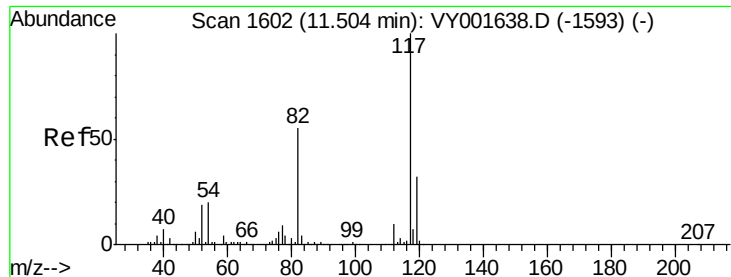
40000

20000

0

Time-->

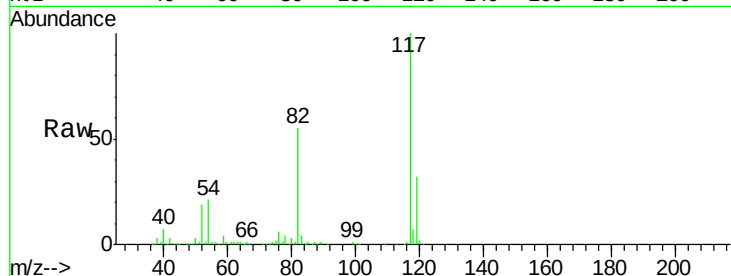




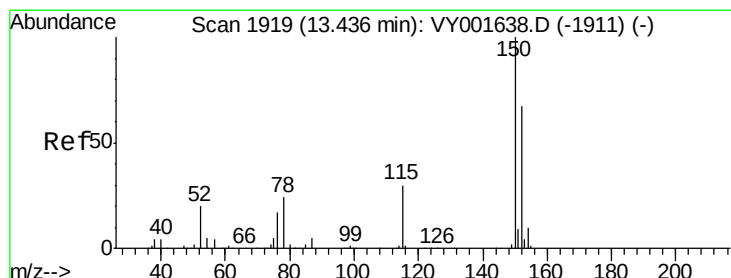
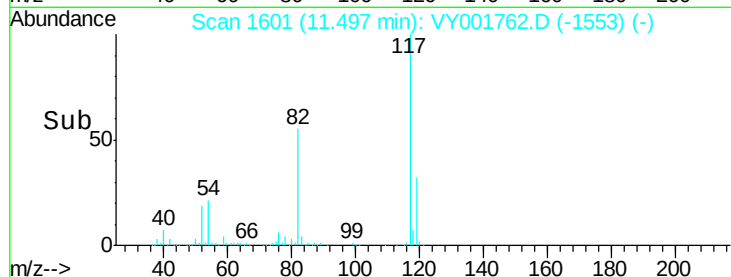
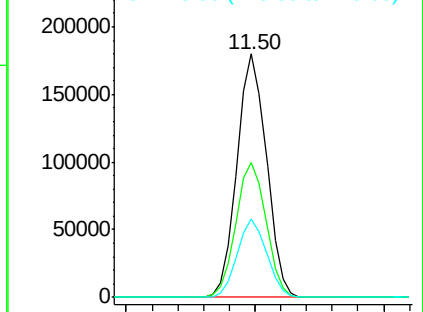
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001762.D
Acq: 24 Feb 2020 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.5	68.3
119	32.1	25.8	38.6

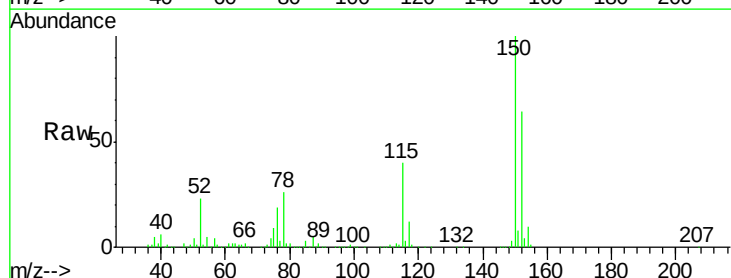


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001762.D
Acq: 24 Feb 2020 10:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.4	94.2
150	157.4	0.0	407.2



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

