

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052020\
 Data File : VY002723.D
 Acq On : 20 May 2020 12:00
 Operator : SY/MD
 Sample : L2497-05
 Misc : 7.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-051920

Quant Time: May 21 04:02:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

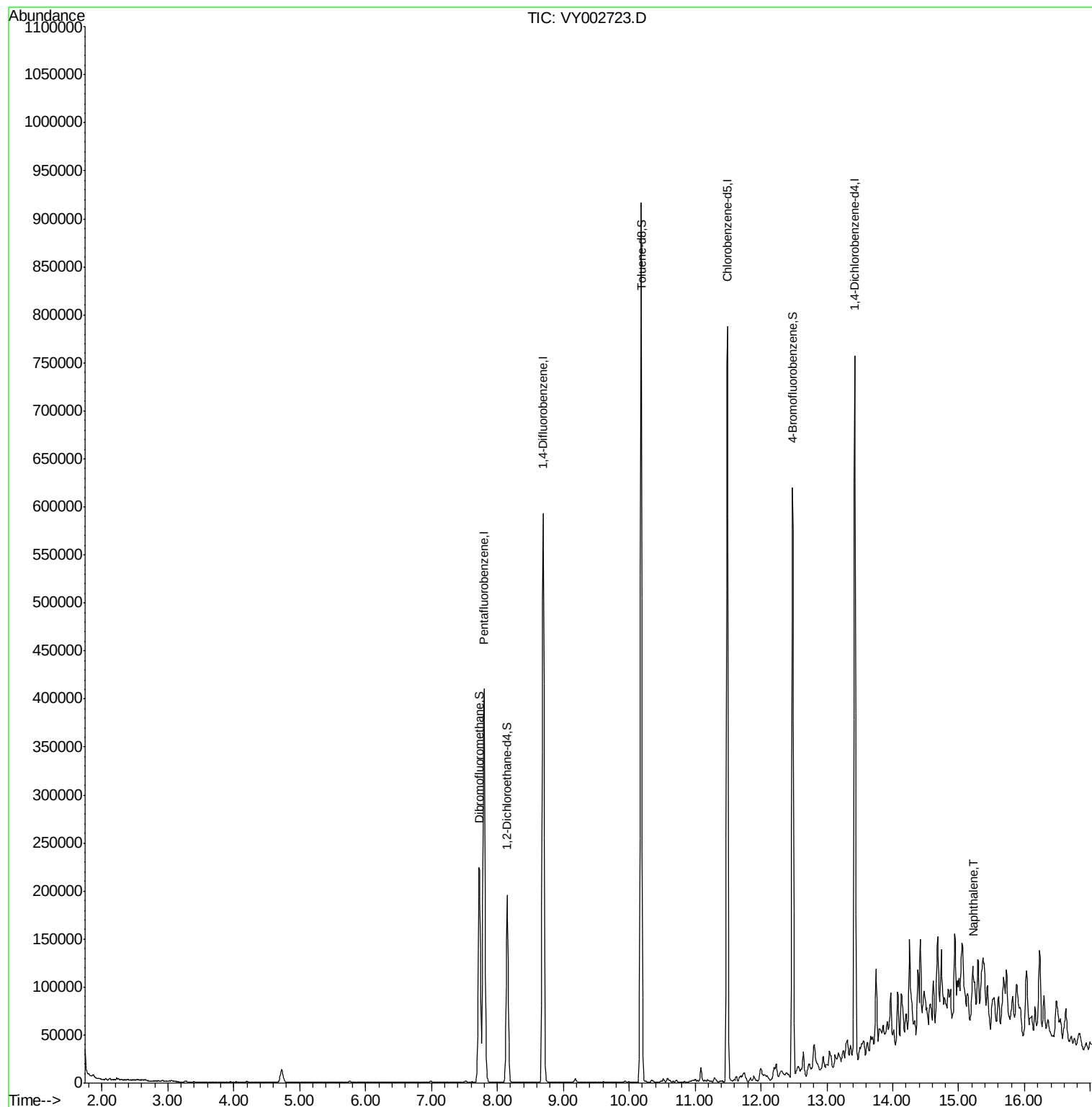
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	347031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	544221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	466932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	202350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	149285	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	
35) Dibromofluoromethane	7.72	113	161181	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
50) Toluene-d8	10.18	98	620195	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.48	95	189623	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
Target Compounds						
95) Naphthalene	15.23	128	18688	2.374	ug/l #	Qvalue 86

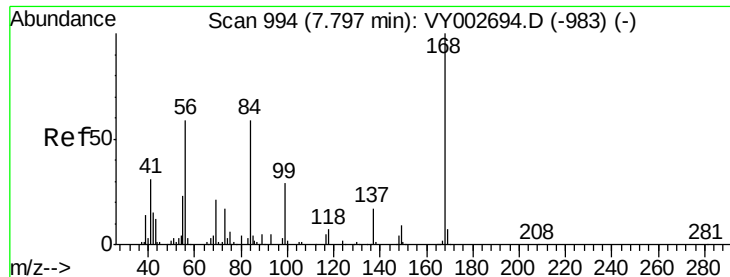
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002723.D

Acq: 20 May 2020 12:00

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MSVOA_Y

ClientSampleId :

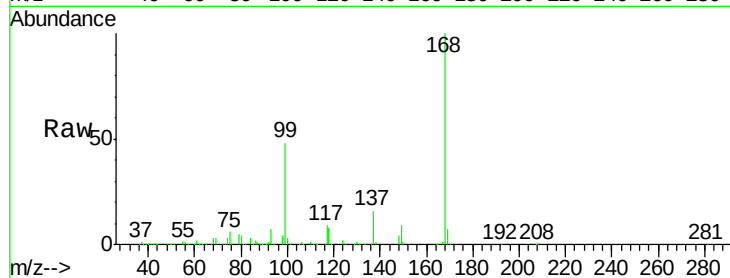
HD-02-051920

Tot Ion:168 Resp: 347031

Ion Ratio Lower Upper

168 100

99 47.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002723.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002723.D (-945) (-)

7.80

150000

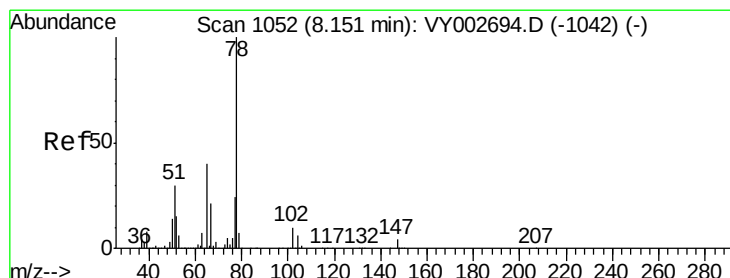
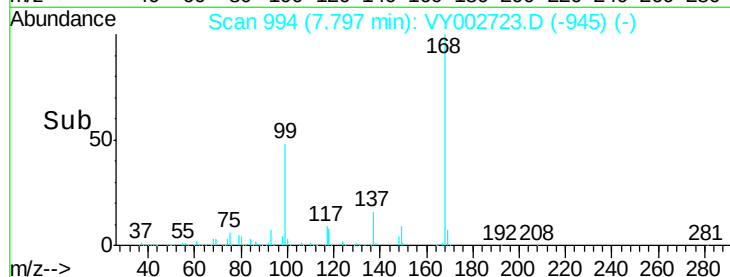
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.995 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002723.D

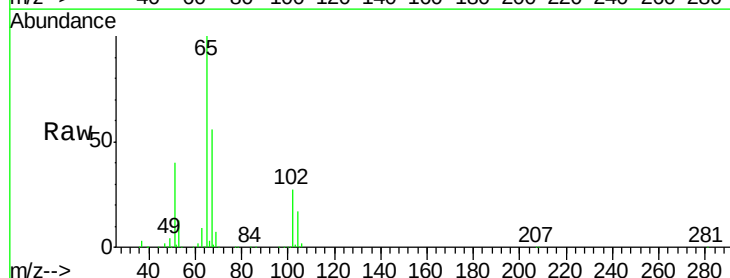
Acq: 20 May 2020 12:00

Tgt Ion: 65 Resp: 149285

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY002723.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002723.D (-1003) (-)

8.15

80000

60000

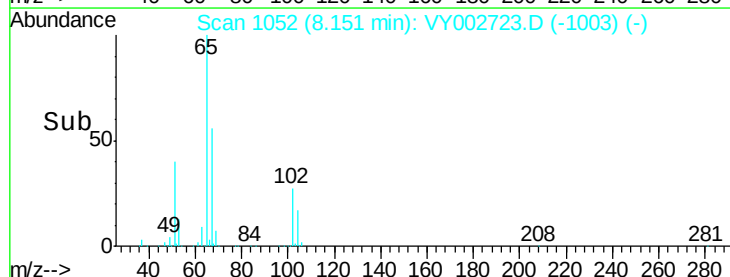
40000

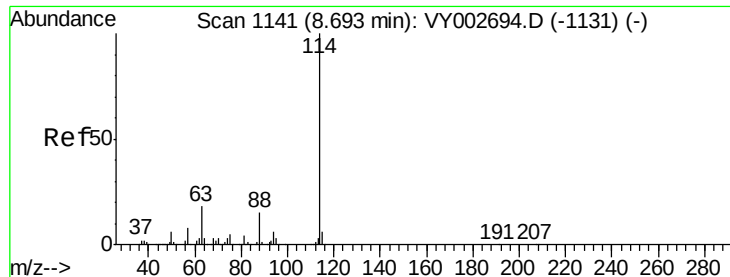
20000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002723.D

Acq: 20 May 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-051920

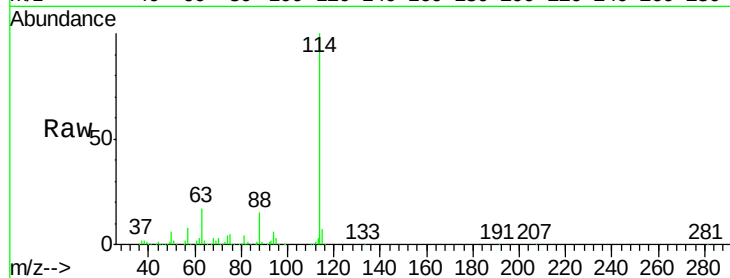
Tot Ion:114 Resp: 544221

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

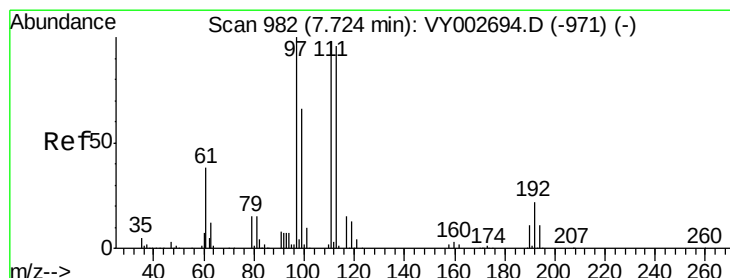
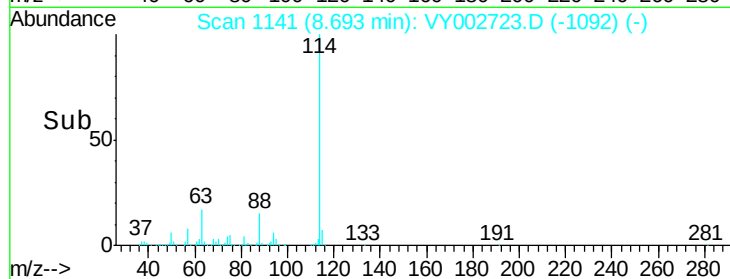
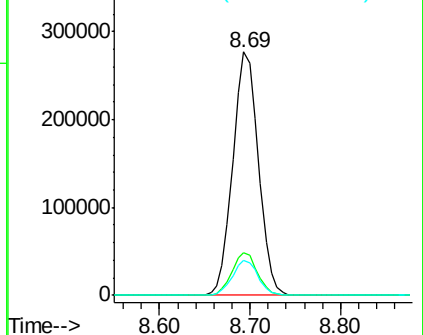
88 14.6 0.0 29.4



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: 53.666 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002723.D

Acq: 20 May 2020 12:00

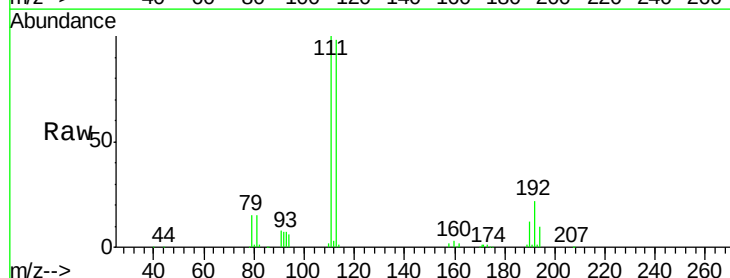
Tgt Ion:113 Resp: 161181

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

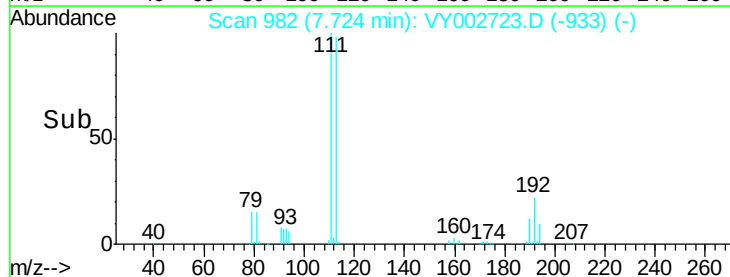
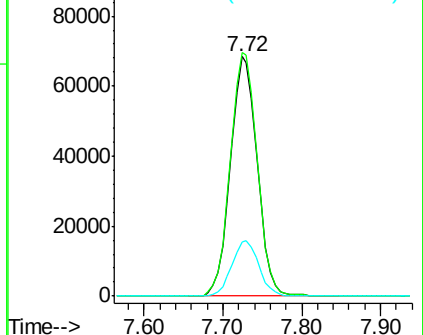
192 23.3 18.6 27.8

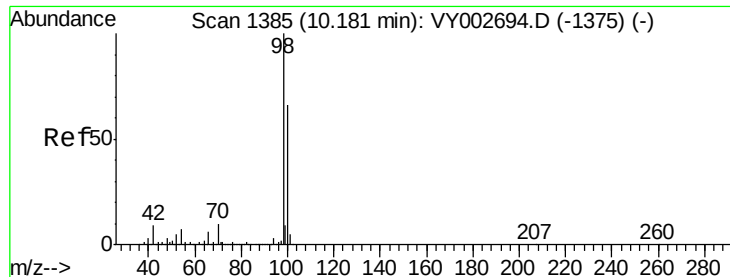


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.289 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002723.D

Acq: 20 May 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

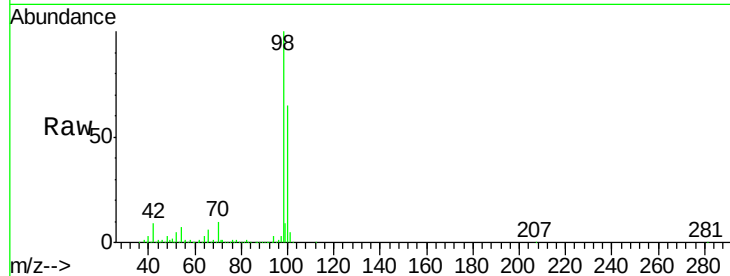
HD-02-051920

Tot Ion: 98 Resp: 620195

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

400000

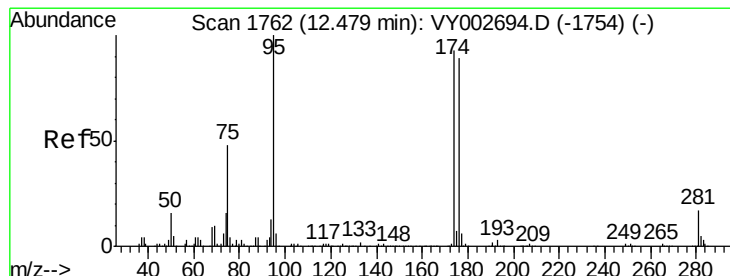
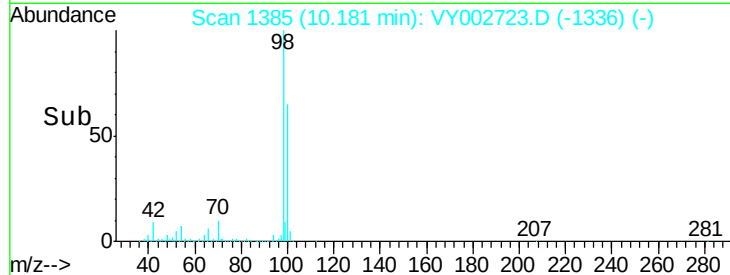
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.625 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002723.D

Acq: 20 May 2020 12:00

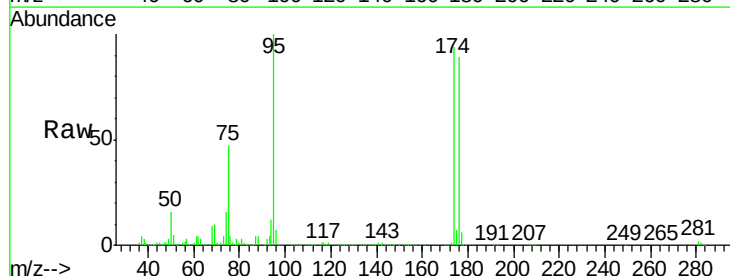
Tgt Ion: 95 Resp: 189623

Ion Ratio Lower Upper

95 100

174 94.8 0.0 191.4

176 91.7 0.0 186.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

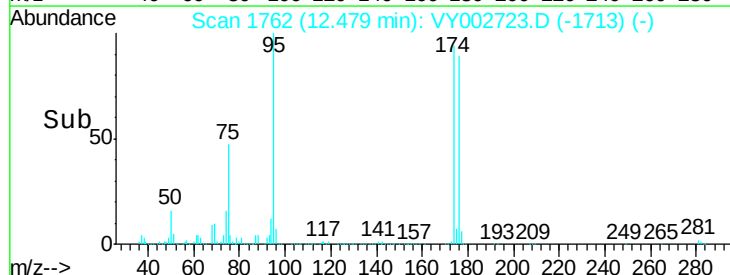
150000

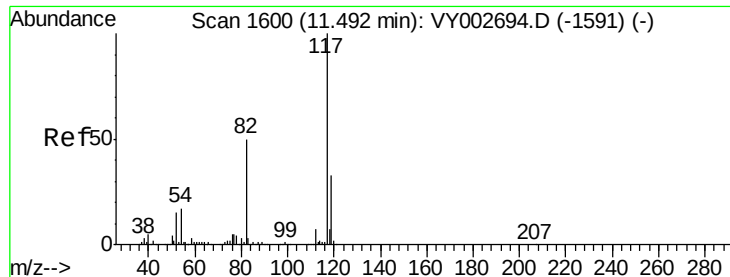
100000

50000

0

Time-->

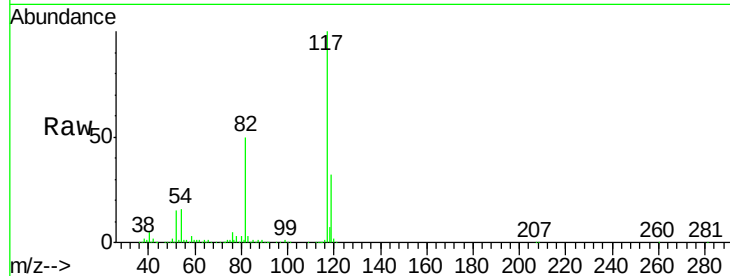




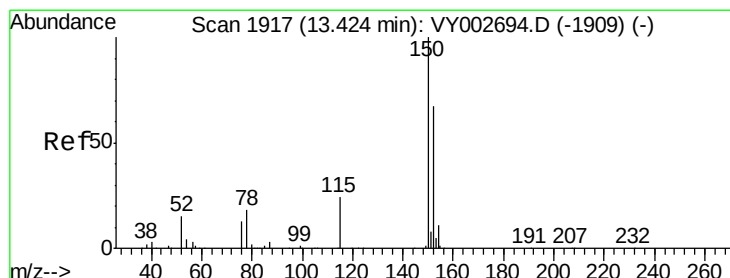
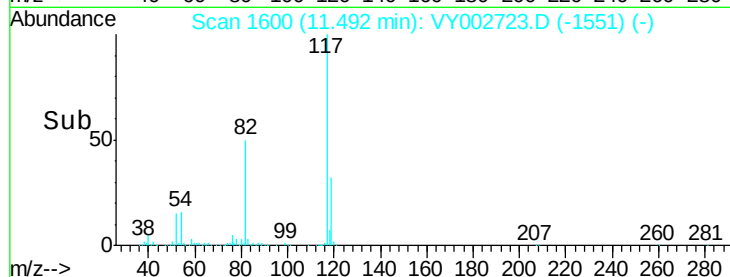
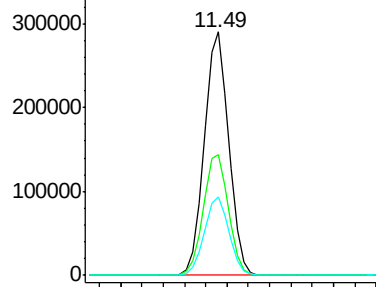
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002723.D
Acq: 20 May 2020 12:00

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-051920

Tot Ion:117 Resp: 466932
Ion Ratio Lower Upper
117 100
82 49.7 40.3 60.5
119 32.1 26.2 39.4

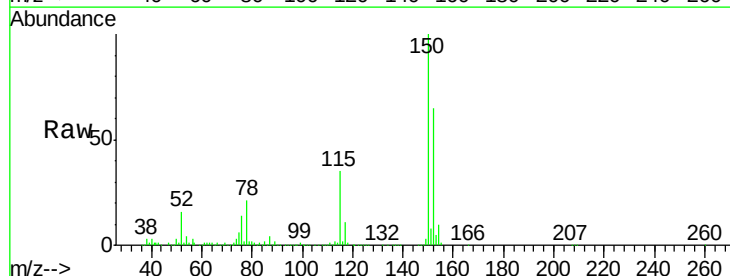


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

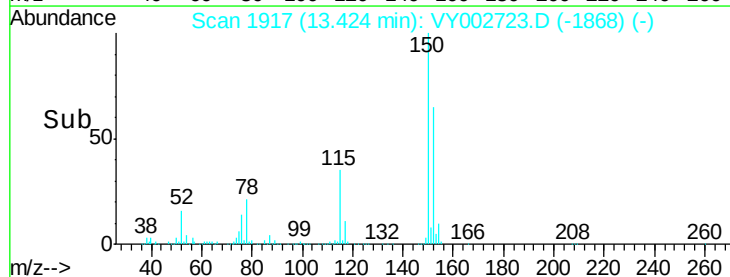
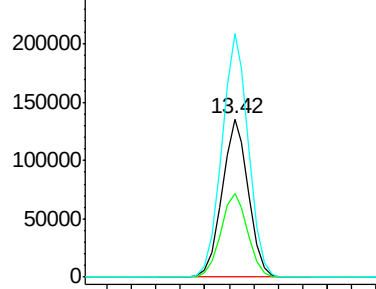


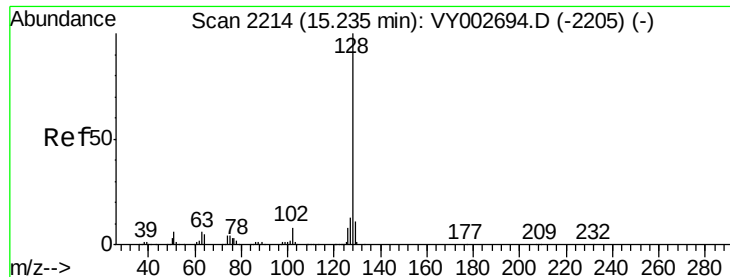
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002723.D
Acq: 20 May 2020 12:00

Tgt Ion:152 Resp: 202350
Ion Ratio Lower Upper
152 100
115 54.2 27.2 81.6
150 155.8 0.0 343.8



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





#95

Naphthalene

Concen: 2.374 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002723.D

Acq: 20 May 2020 12:00

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-051920

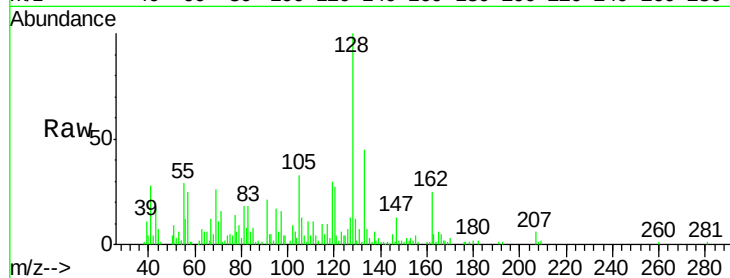
Tot Ion:128 Resp: 18688

Ion Ratio Lower Upper

128 100

127 16.3 10.3 15.5#

129 18.9 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

