

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002612.D
 Acq On : 06 May 2020 13:55
 Operator : SY/MD
 Sample : L2491-11
 Misc : 4.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-12

Quant Time: May 07 06:25:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

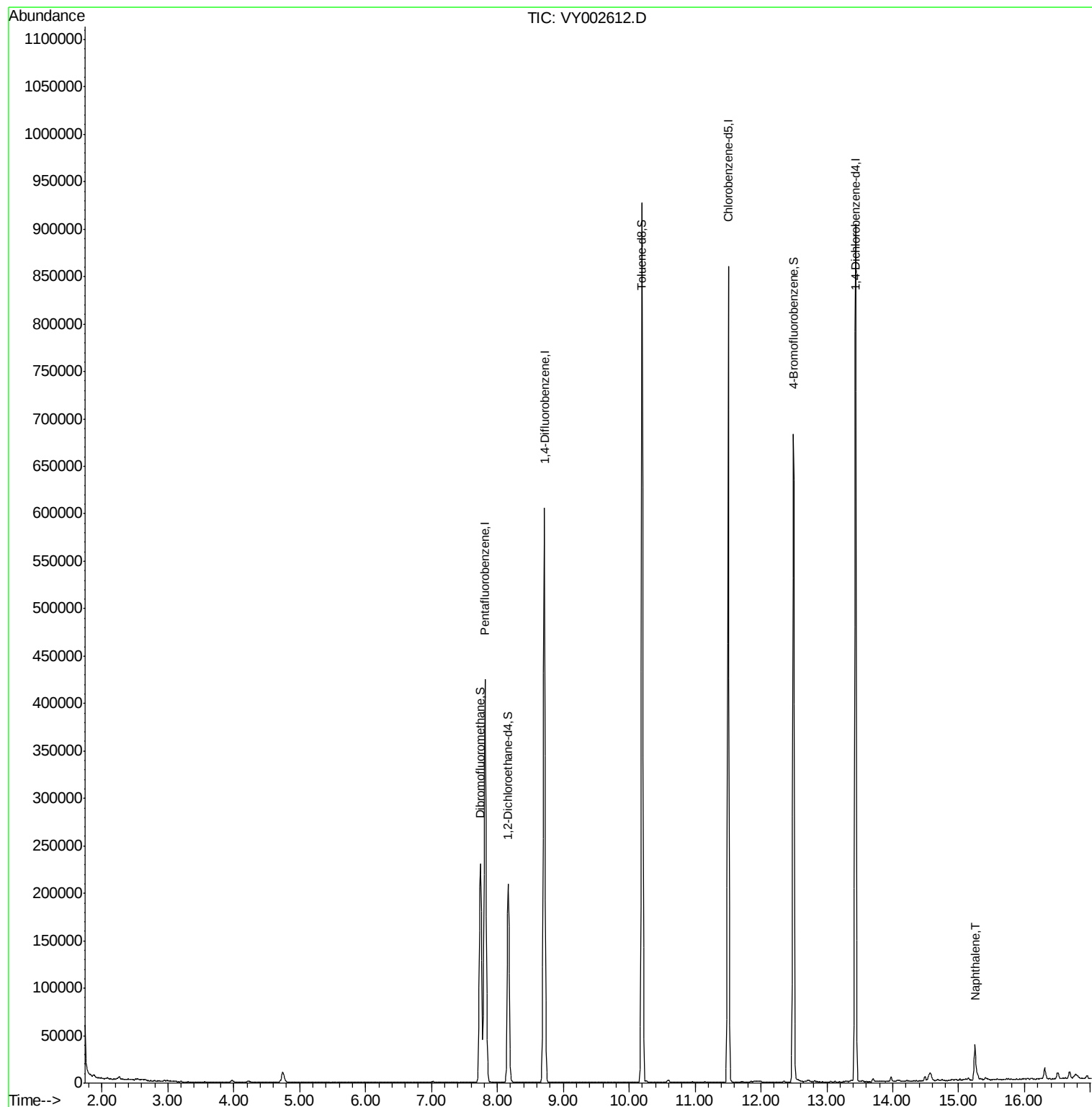
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	353869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	550082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	492260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	244686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	159283	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
35) Dibromofluoromethane	7.74	113	165528	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
50) Toluene-d8	10.19	98	635936	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.49	95	210245	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
Target Compounds						
95) Naphthalene	15.25	128	27015	3.048	ug/l	Qvalue 99

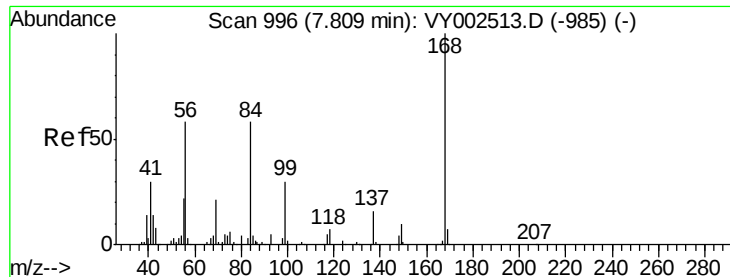
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
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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: VY002612.D

Acq: 06 May 2020 13:55

Instrument :

MSVOA_Y

ClientSampleId :

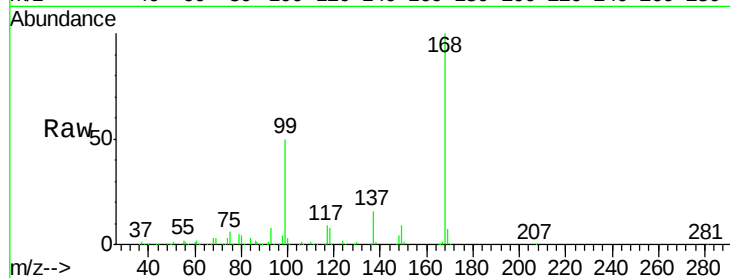
6FT-TP-12

Tot Ion:168 Resp: 353869

Ion Ratio Lower Upper

168 100

99 49.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.82

150000

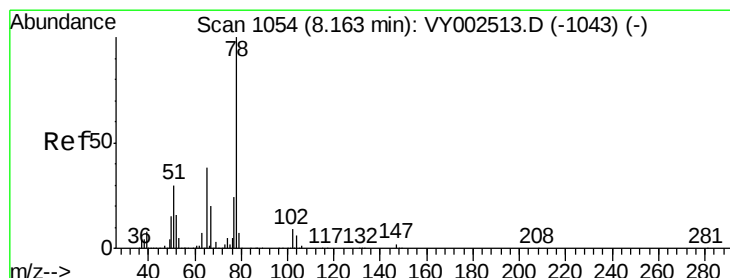
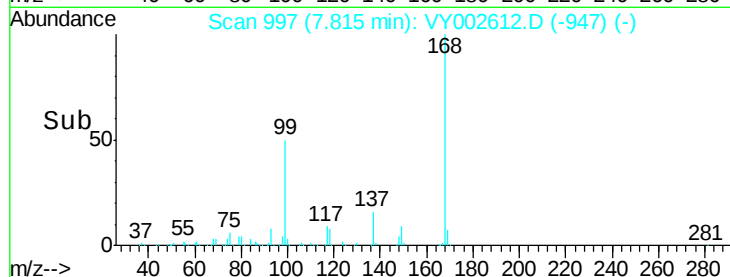
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.533 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY002612.D

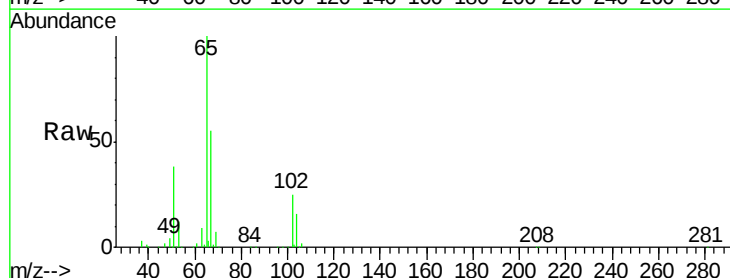
Acq: 06 May 2020 13:55

Tgt Ion: 65 Resp: 159283

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002513.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002513.D (-1043) (-)

8.16

80000

60000

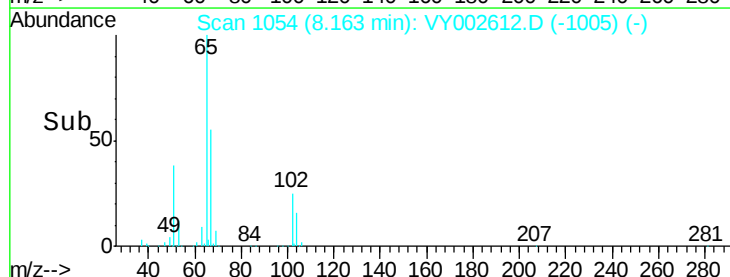
40000

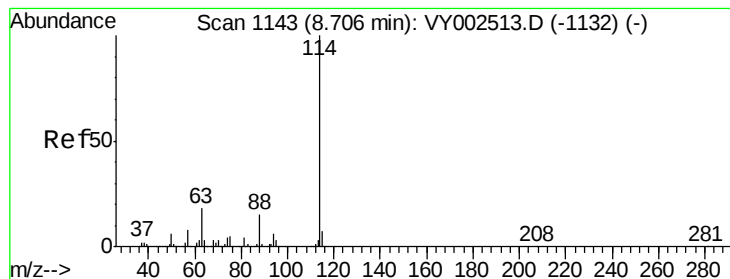
20000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002612.D

Acq: 06 May 2020 13:55

Instrument :

MSVOA_Y

ClientSampleId :

6FT-TP-12

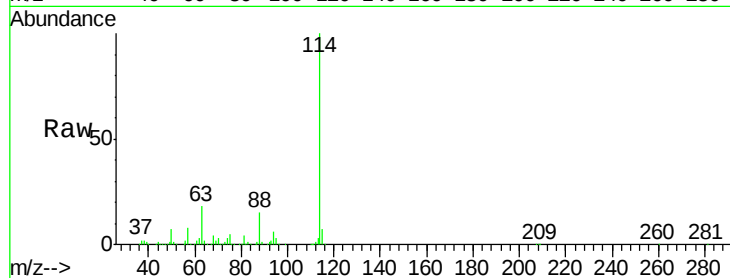
Tot Ion:114 Resp: 550082

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

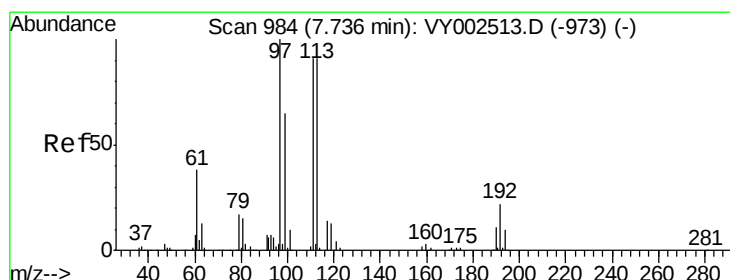
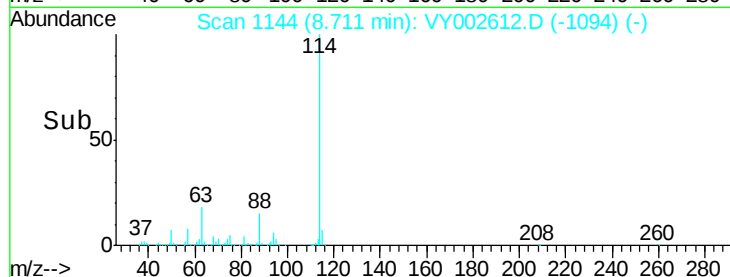
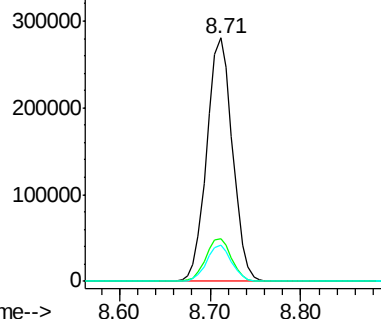
88 14.7 0.0 29.6



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: 52.616 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002612.D

Acq: 06 May 2020 13:55

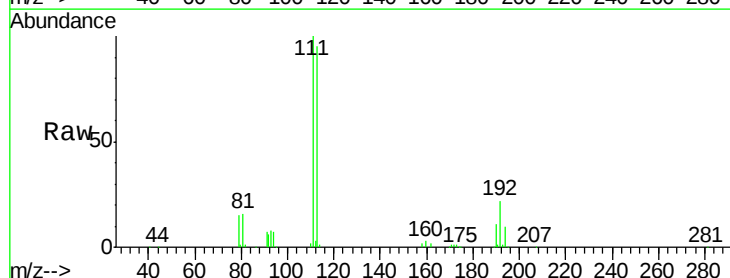
Tgt Ion:113 Resp: 165528

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

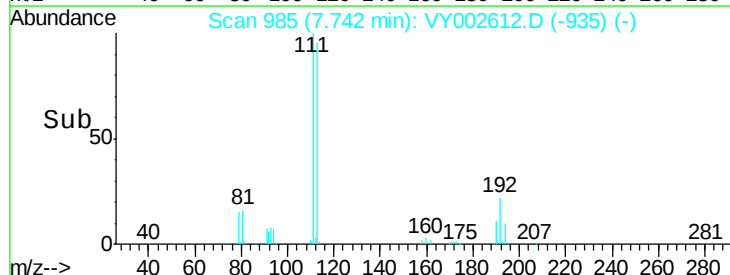
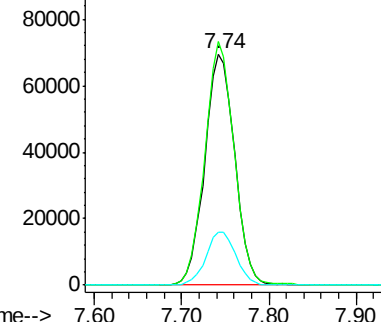
192 22.9 18.2 27.4

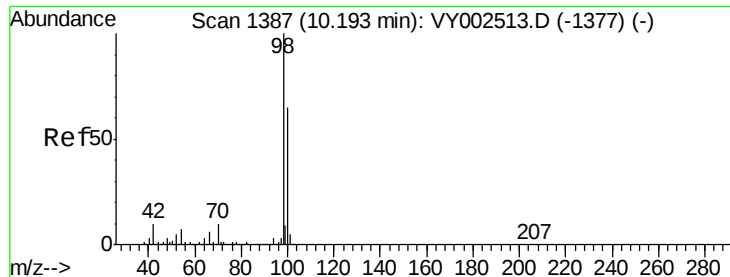


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.764 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002612.D

Acq: 06 May 2020 13:55

Instrument :

MSVOA_Y

ClientSampleId :

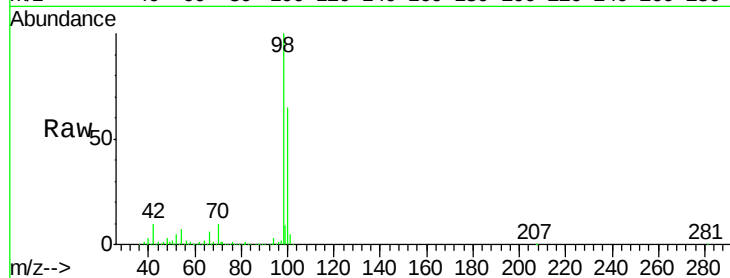
6FT-TP-12

Tot Ion: 98 Resp: 635936

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

400000

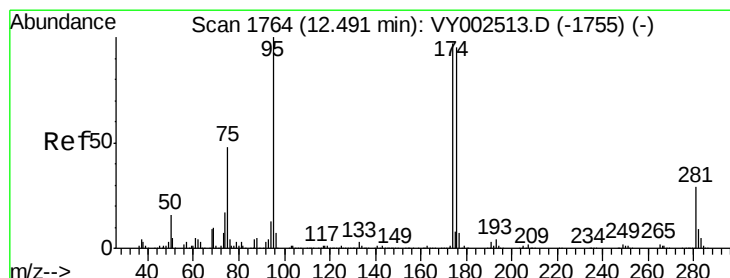
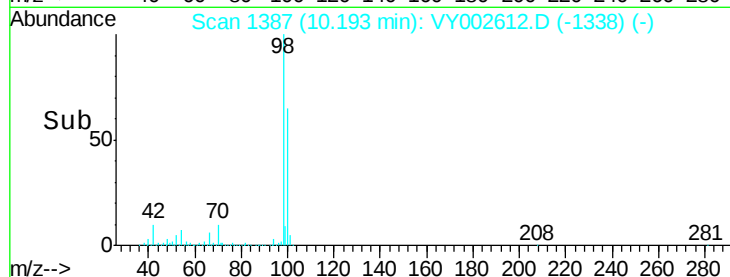
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.434 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002612.D

Acq: 06 May 2020 13:55

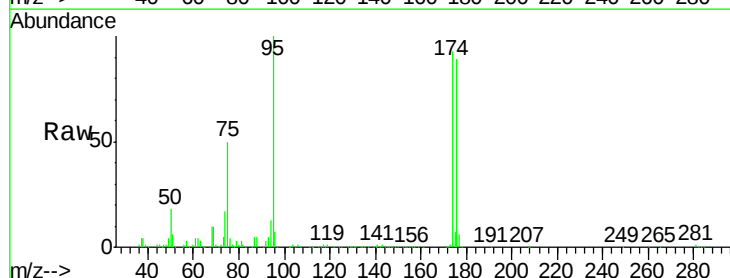
Tgt Ion: 95 Resp: 210245

Ion Ratio Lower Upper

95 100

174 93.7 0.0 188.8

176 90.3 0.0 183.2



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

12.49

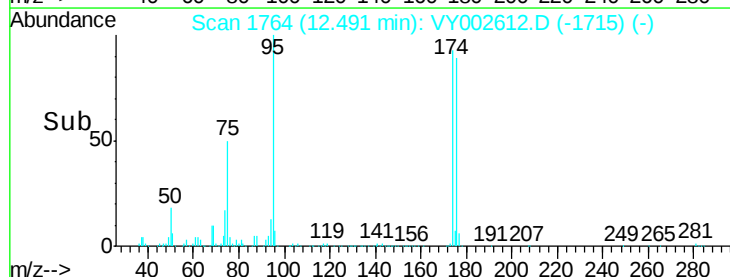
150000

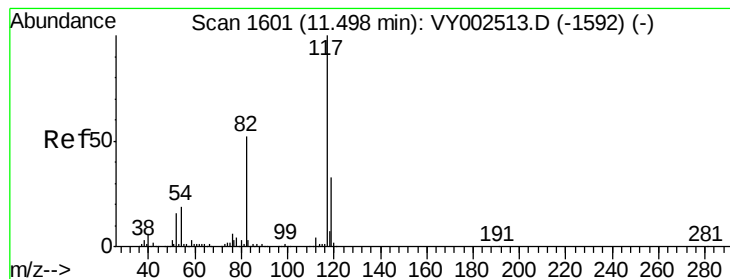
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002612.D

Acq: 06 May 2020 13:55

Instrument :

MSVOA_Y

ClientSampleId :

6FT-TP-12

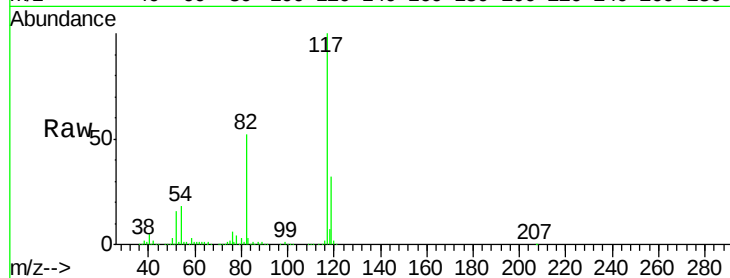
Tot Ion:117 Resp: 492260

Ion Ratio Lower Upper

117 100

82 52.0 41.3 61.9

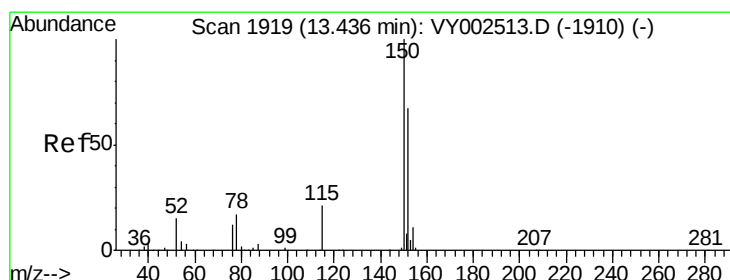
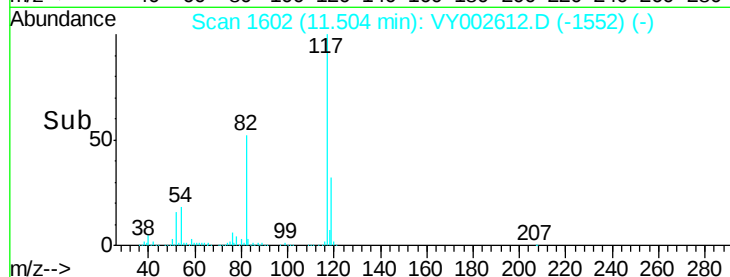
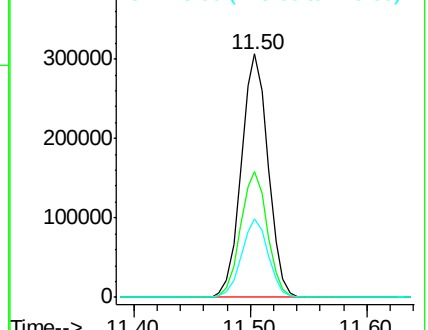
119 32.4 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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. -0.00 min

Lab File: VY002612.D

Acq: 06 May 2020 13:55

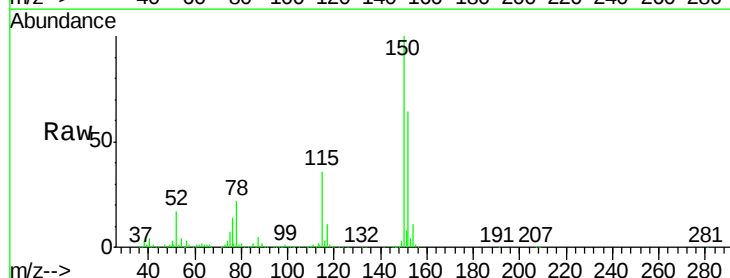
Tgt Ion:152 Resp: 244686

Ion Ratio Lower Upper

152 100

115 54.9 27.5 82.4

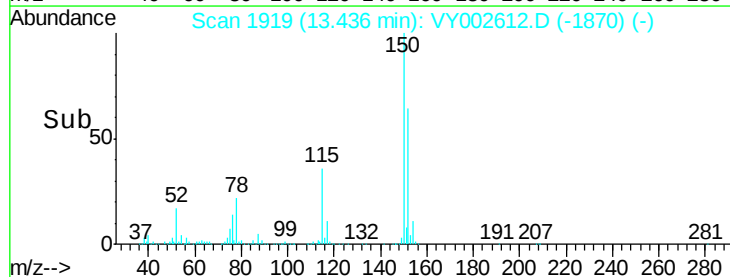
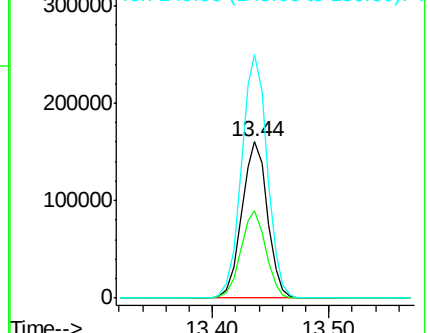
150 157.1 0.0 346.4

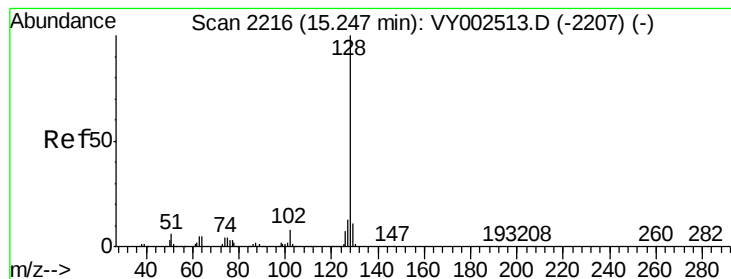


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.048 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002612.D

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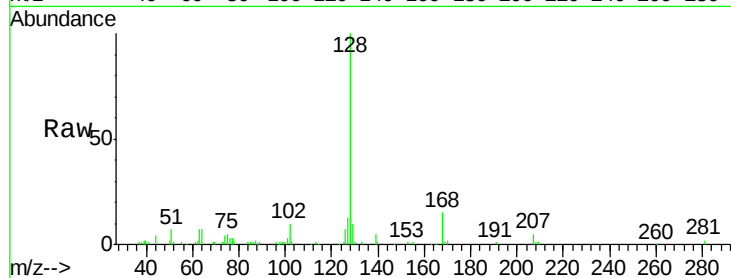
Tot Ion:128 Resp: 27015

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 11.7 8.8 13.2



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

