

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001742.D
 Acq On : 21 Feb 2020 15:04
 Operator : SY/MD
 Sample : L1623-07
 Misc : 9.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB7-13.5-14

Quant Time: Feb 22 04:28:14 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	7.82	168	167658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	310110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	279265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	122856	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	103192	57.22	ug/l	0.00
Spiked Amount						
			Recovery	=	114.44%	
35) Dibromofluoromethane	7.75	113	91256	51.38	ug/l	0.00
Spiked Amount						
			Recovery	=	102.76%	
50) Toluene-d8	10.19	98	378553	54.40	ug/l	0.00
Spiked Amount						
			Recovery	=	108.80%	
62) 4-Bromofluorobenzene	12.49	95	128400	47.50	ug/l	0.00
Spiked Amount						
			Recovery	=	95.00%	

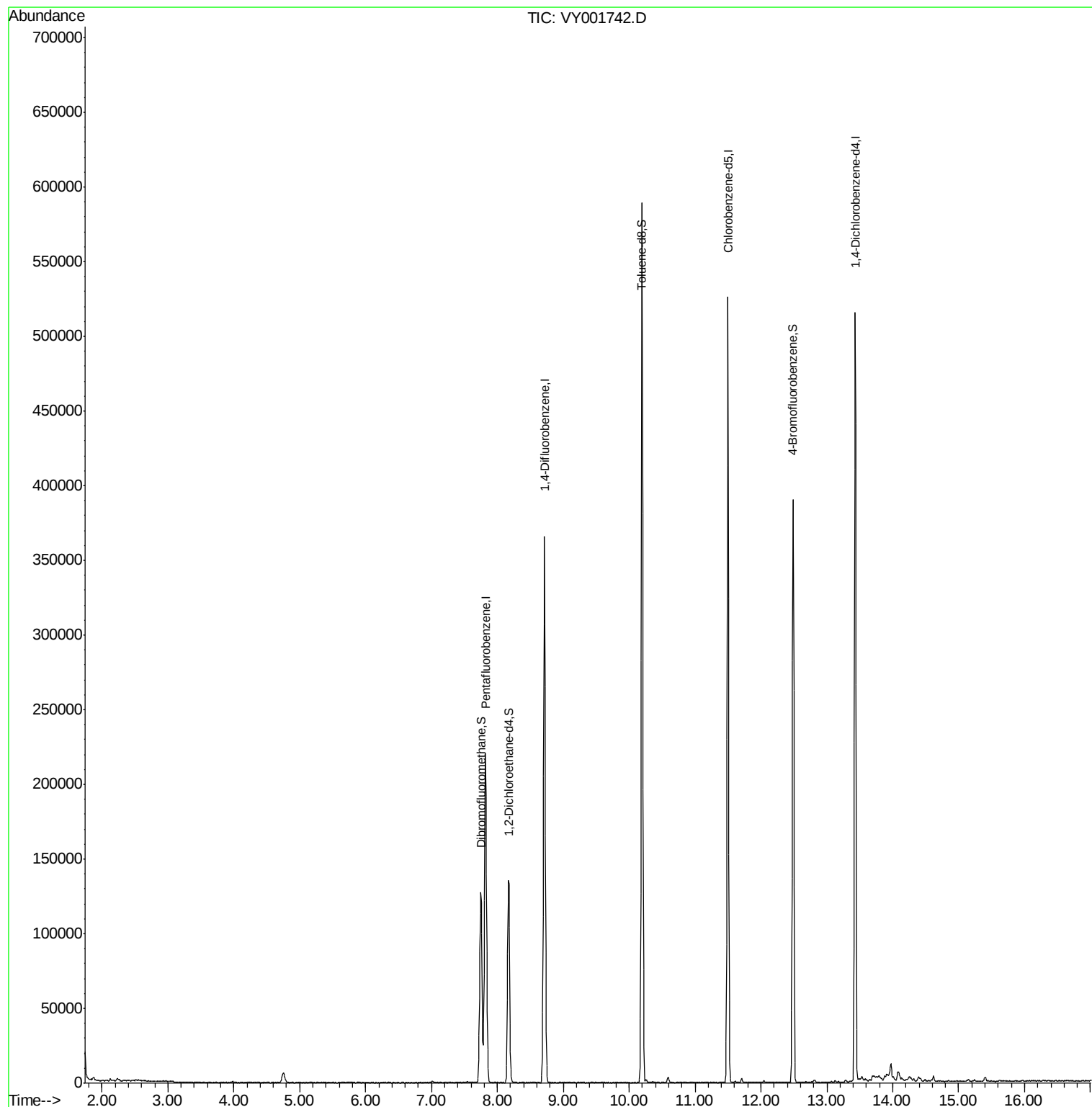
Target Compounds	Qvalue
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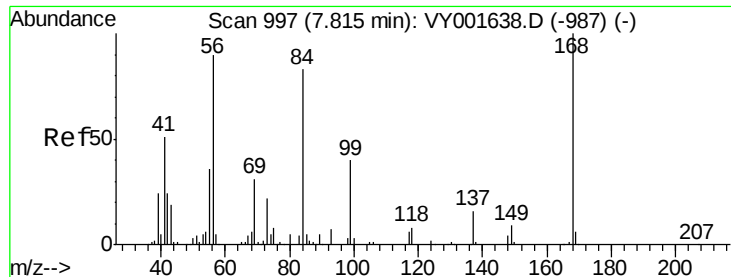
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001742.D

Acq: 21 Feb 2020 15:04

Instrument :

MSVOA_Y

ClientSampleId :

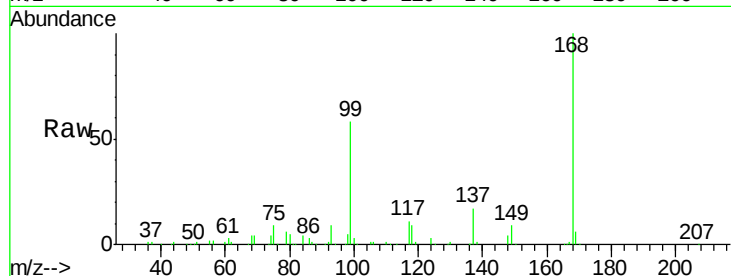
SB7-13.5-14

Tot Ion:168 Resp: 167658

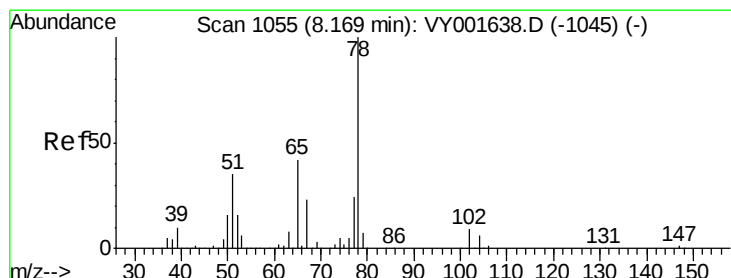
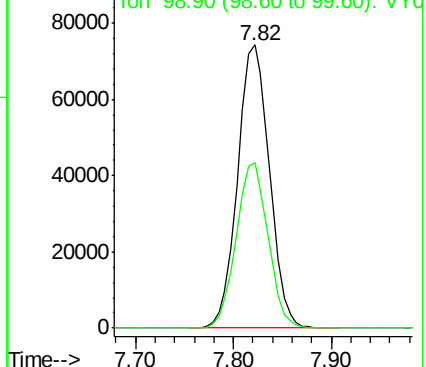
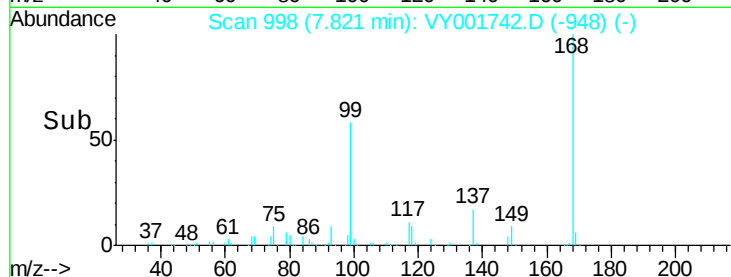
Ion Ratio Lower Upper

168 100

99 58.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001742.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.221 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001742.D

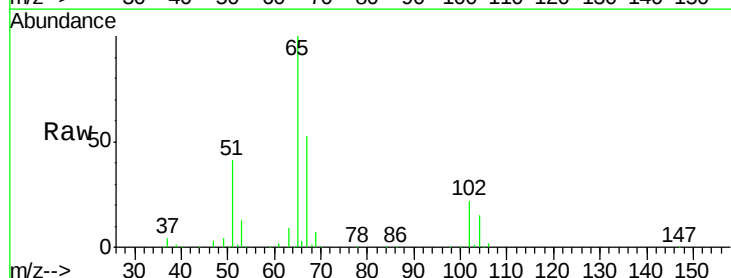
Acq: 21 Feb 2020 15:04

Tgt Ion: 65 Resp: 103192

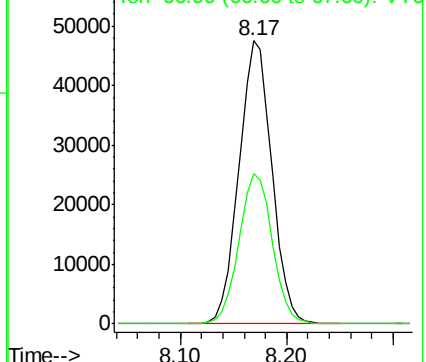
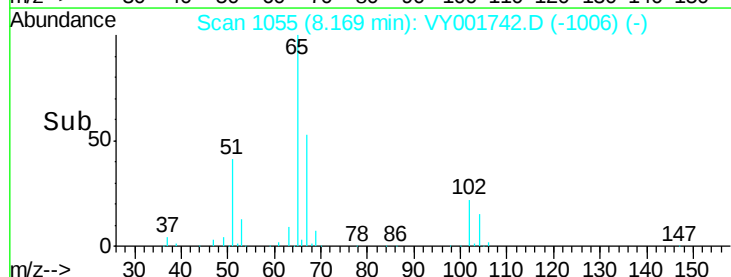
Ion Ratio Lower Upper

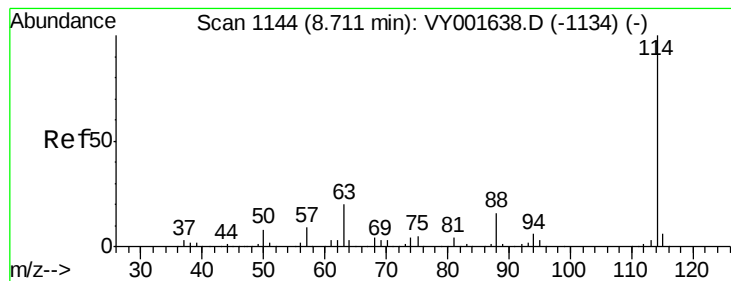
65 100

67 54.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001742.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001742.D

Acq: 21 Feb 2020 15:04

Instrument :

MSVOA_Y

ClientSampleId :

SB7-13.5-14

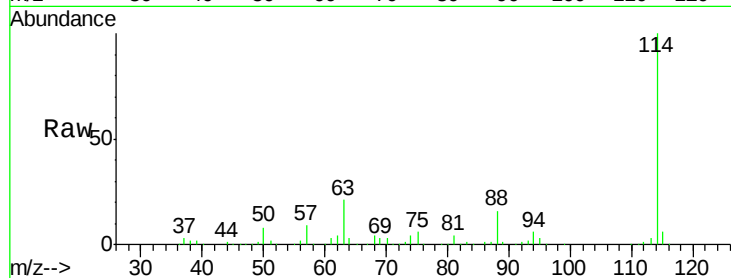
Tot Ion:114 Resp: 310110

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.4

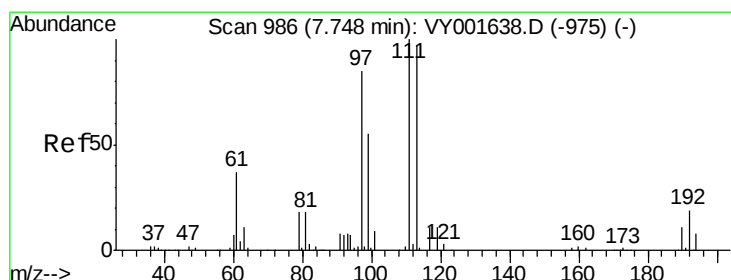
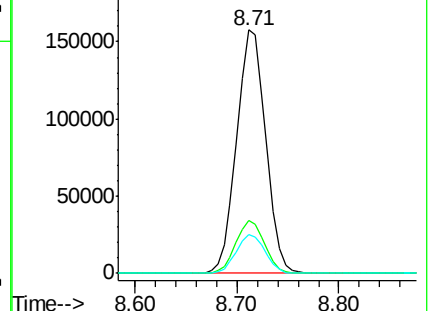
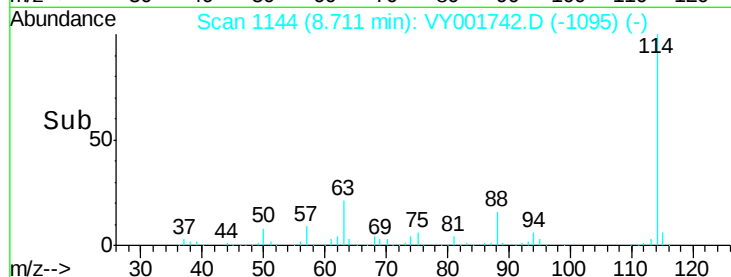
88 16.1 0.0 32.8



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: 51.378 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001742.D

Acq: 21 Feb 2020 15:04

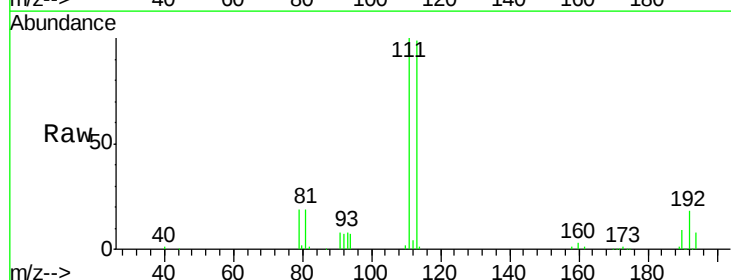
Tgt Ion:113 Resp: 91256

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

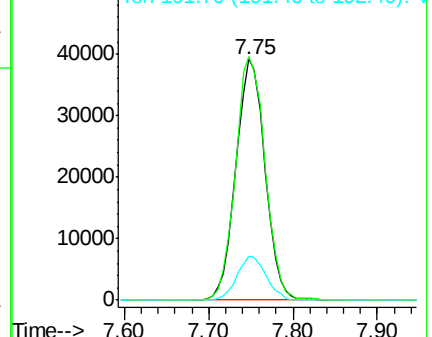
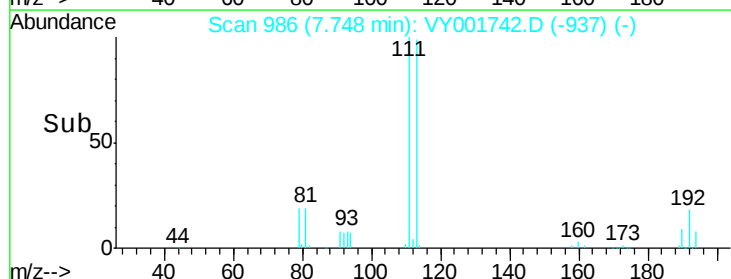
192 18.3 14.3 21.5

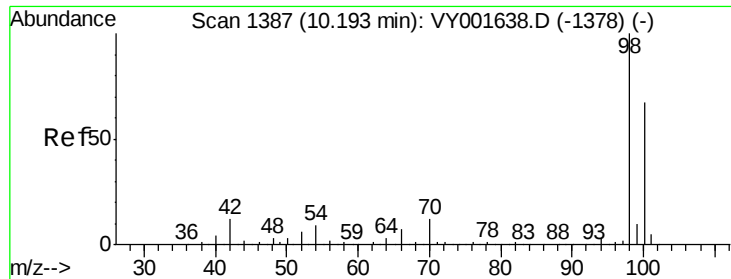


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.401 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001742.D

Acq: 21 Feb 2020 15:04

Instrument :

MSVOA_Y

ClientSampleId :

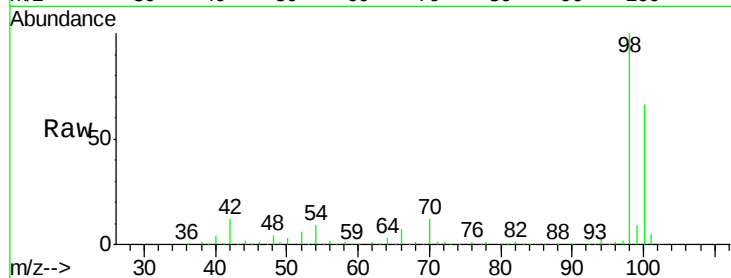
SB7-13.5-14

Tot Ion: 98 Resp: 378553

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

200000

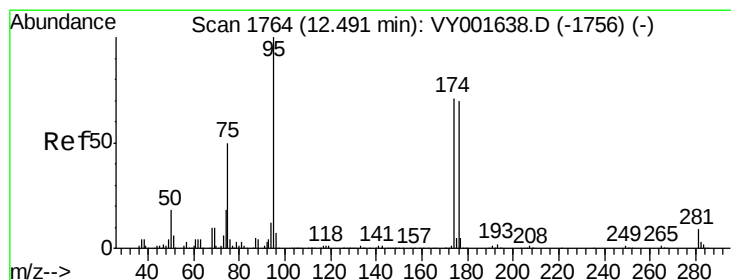
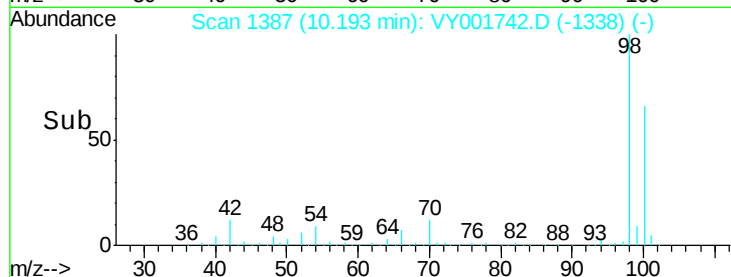
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.497 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001742.D

Acq: 21 Feb 2020 15:04

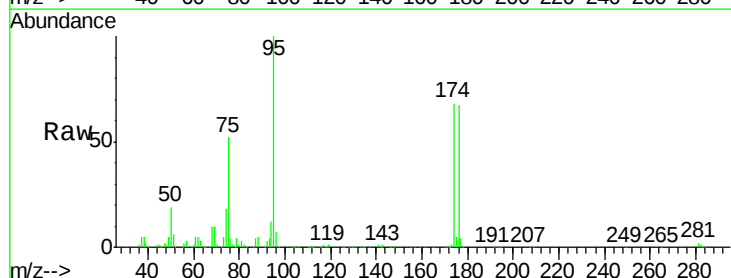
Tgt Ion: 95 Resp: 128400

Ion Ratio Lower Upper

95 100

174 71.9 0.0 138.4

176 69.2 0.0 131.8



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

100000

80000

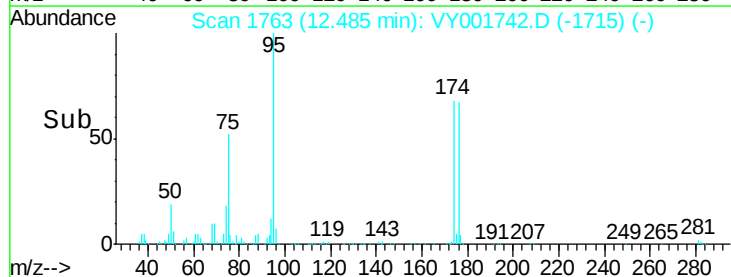
60000

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: VY001742.D

Acq: 21 Feb 2020 15:04

Instrument :

MSVOA_Y

ClientSampleId :

SB7-13.5-14

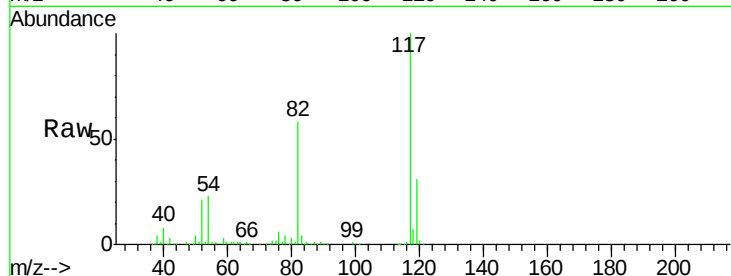
Tot Ion:117 Resp: 279265

Ion Ratio Lower Upper

117 100

82 58.2 45.5 68.3

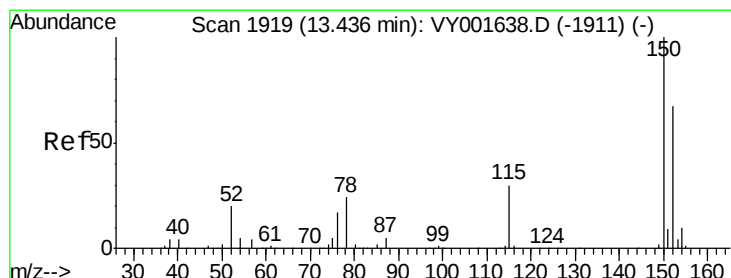
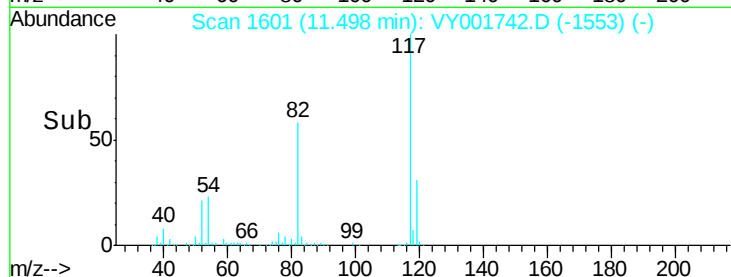
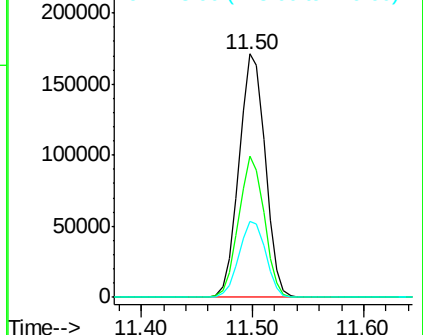
119 31.3 25.8 38.6



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: VY001742.D

Acq: 21 Feb 2020 15:04

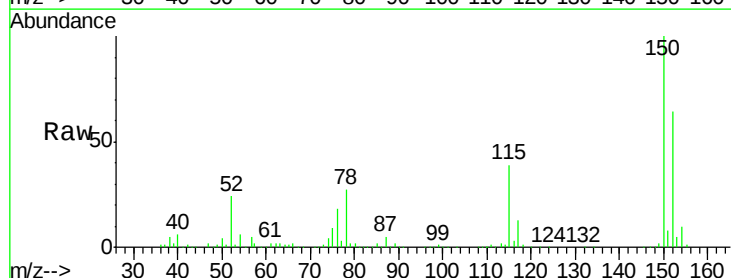
Tgt Ion:152 Resp: 122856

Ion Ratio Lower Upper

152 100

115 61.1 31.4 94.2

150 156.6 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

