

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001332.D
 Acq On : 22 Jan 2020 15:45
 Operator : SY/MD
 Sample : L1216-01
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-6.5-7.0

Quant Time: Jan 23 02:52:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

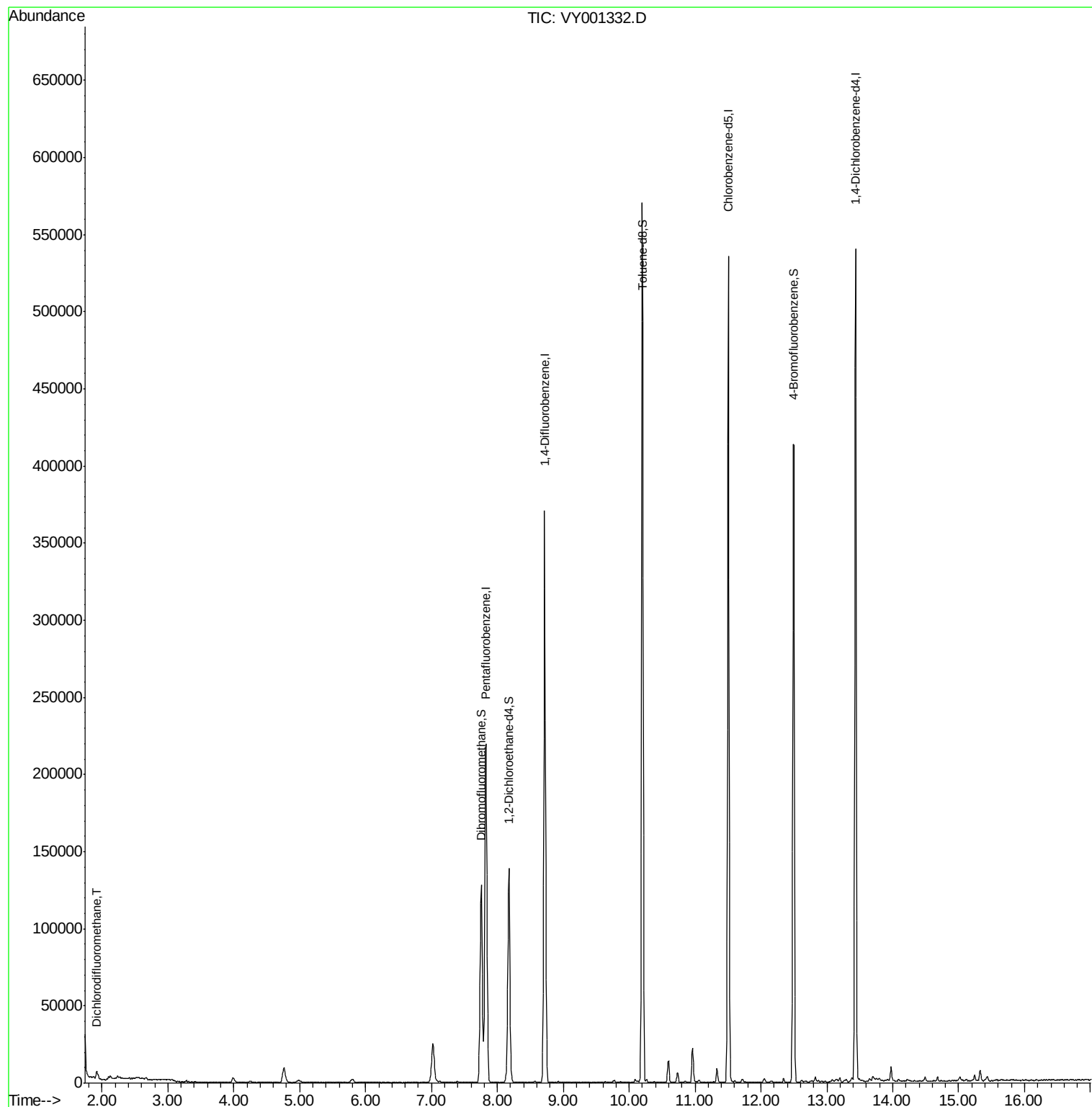
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	171794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	312584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	282751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	131526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	101243	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
35) Dibromofluoromethane	7.75	113	92917	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
50) Toluene-d8	10.20	98	368295	51.67	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.49	95	137499	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
Target Compounds						
2) Dichlorodifluoromethane	1.92	85	3939	2.907	ug/l	Qvalue 96

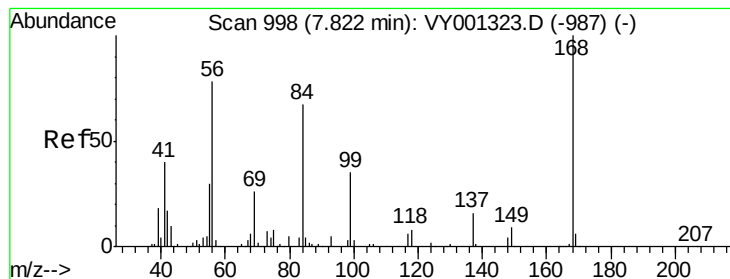
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 23 01:21:47 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

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MSVOA_Y

ClientSampleId :

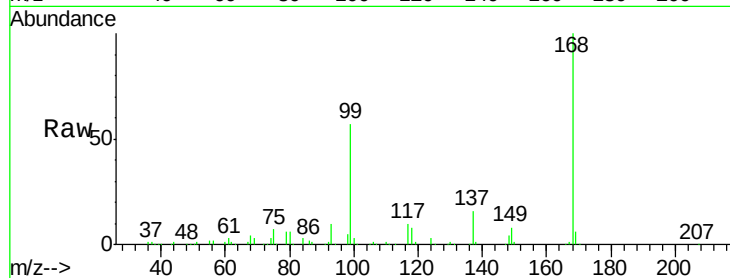
SB-01-6.5-7.0

Tot Ion:168 Resp: 171794

Ion Ratio Lower Upper

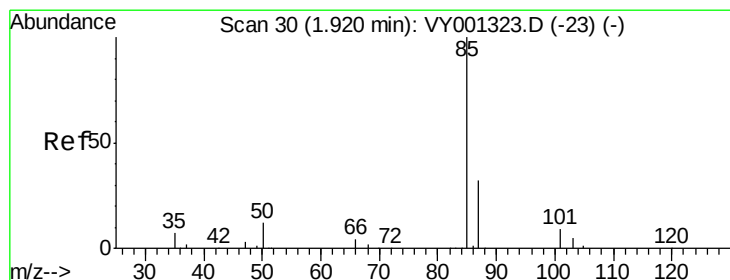
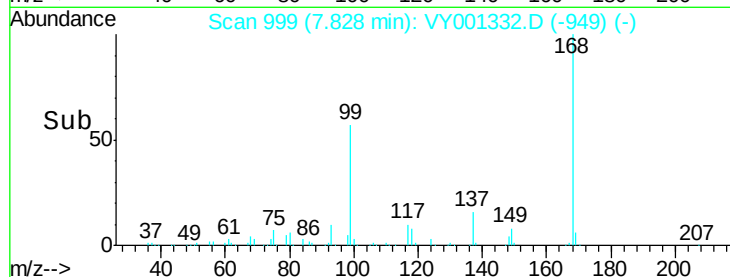
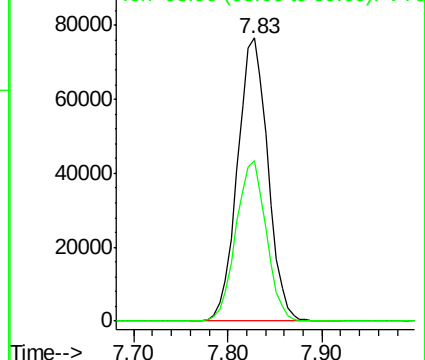
168 100

99 56.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001332.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001332.D (-949) (-)



#2

Dichlorodifluoromethane

Concen: 2.907 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001332.D

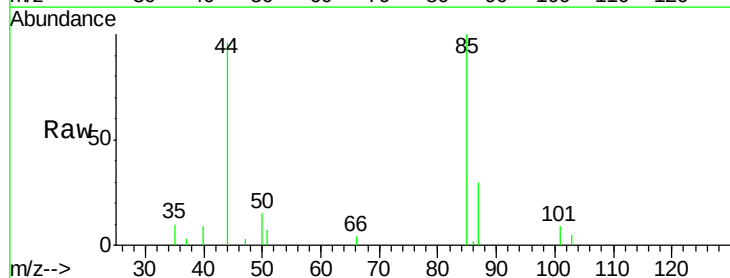
Acq: 22 Jan 2020 15:45

Tgt Ion: 85 Resp: 3939

Ion Ratio Lower Upper

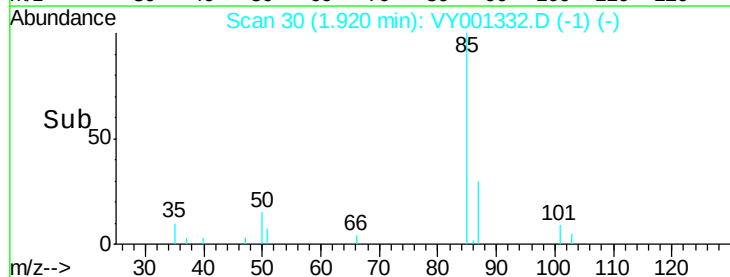
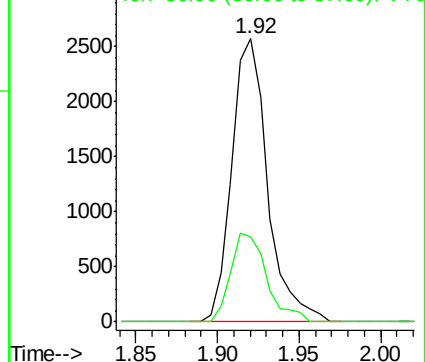
85 100

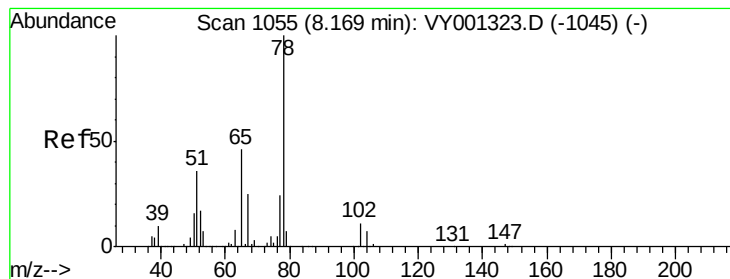
87 29.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001332.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001332.D (-1) (-)





#33

1,2-Dichloroethane-d4

Concen: 54.159 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

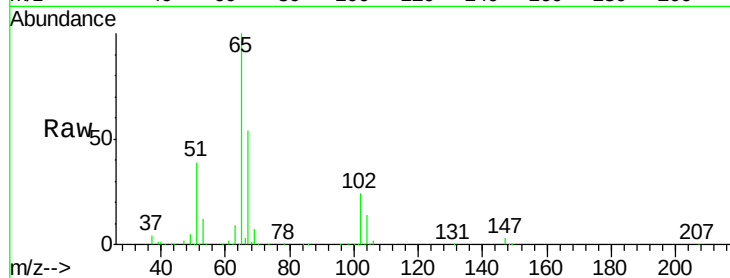
SB-01-6.5-7.0

Tot Ion: 65 Resp: 101243

Ion Ratio Lower Upper

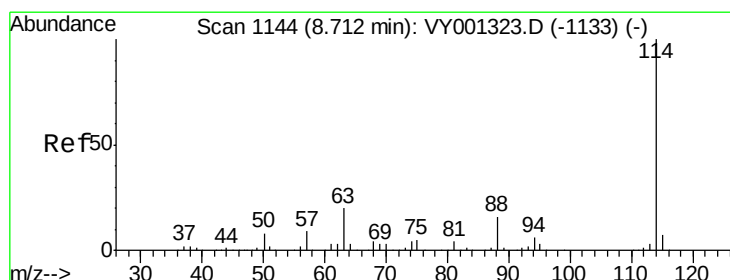
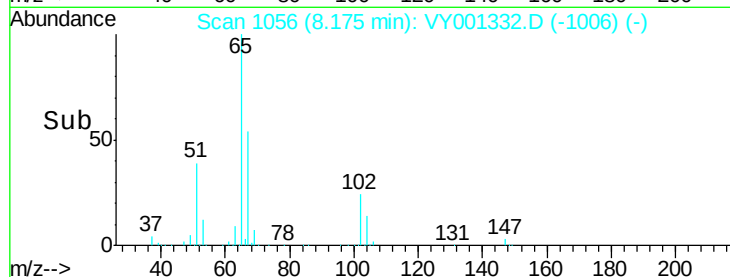
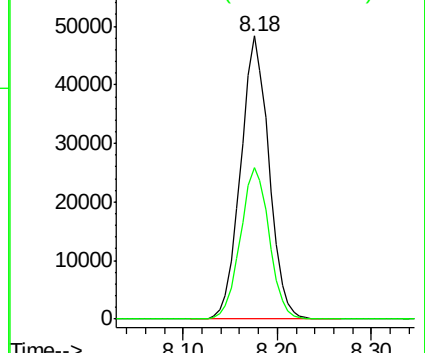
65 100

67 54.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

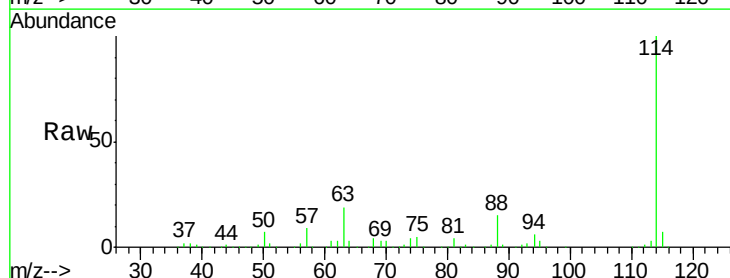
Tgt Ion: 114 Resp: 312584

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

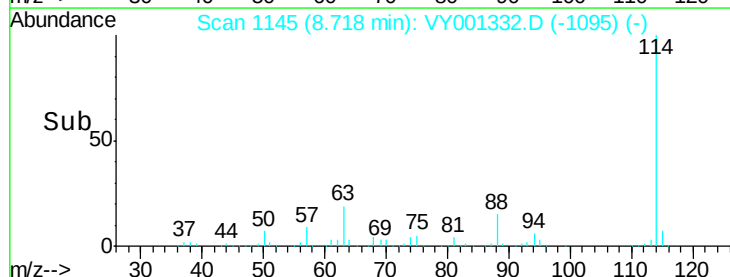
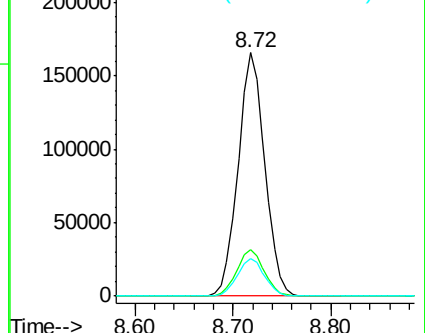
88 15.2 0.0 31.0

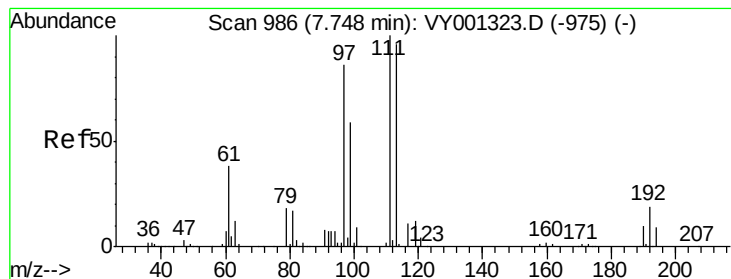


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 50.647 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampled :

SB-01-6.5-7.0

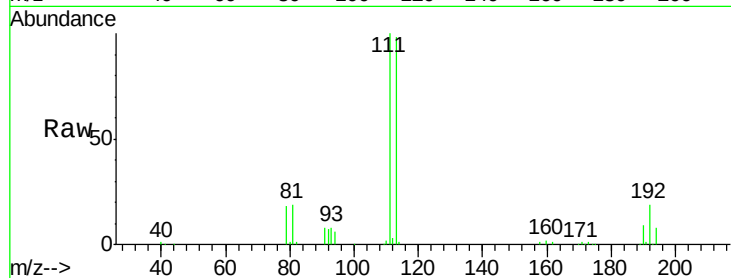
Tot Ion:113 Resp: 92917

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

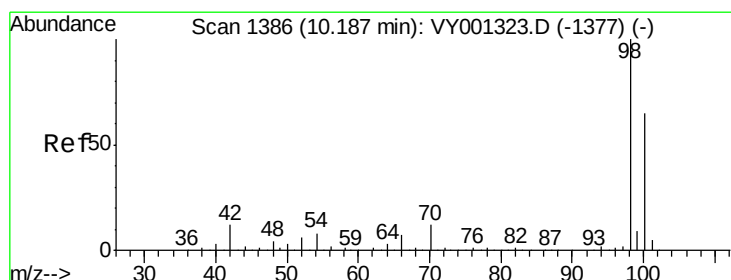
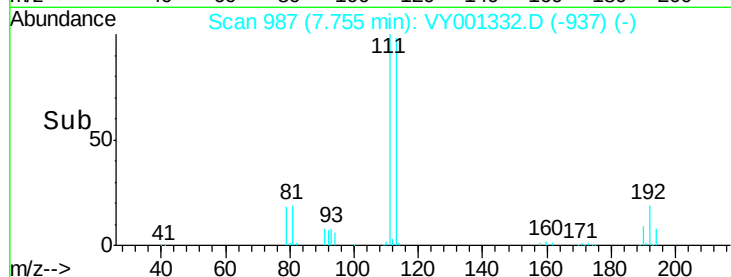
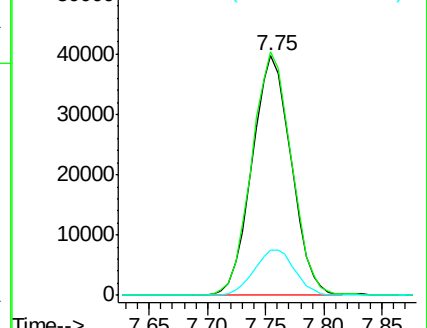
192 19.6 15.5 23.3



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: 51.670 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001332.D

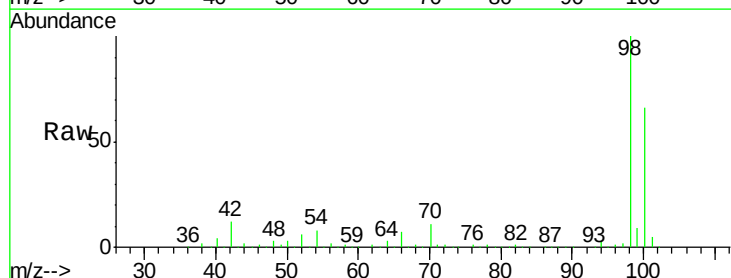
Acq: 22 Jan 2020 15:45

Tgt Ion: 98 Resp: 368295

Ion Ratio Lower Upper

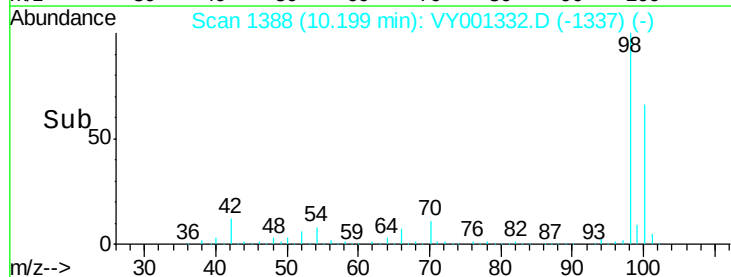
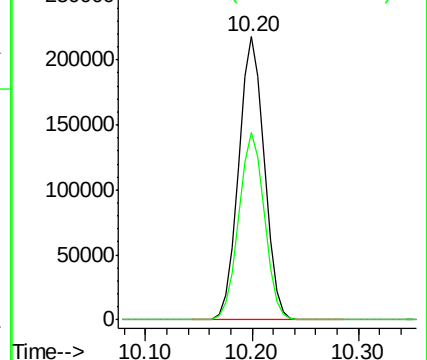
98 100

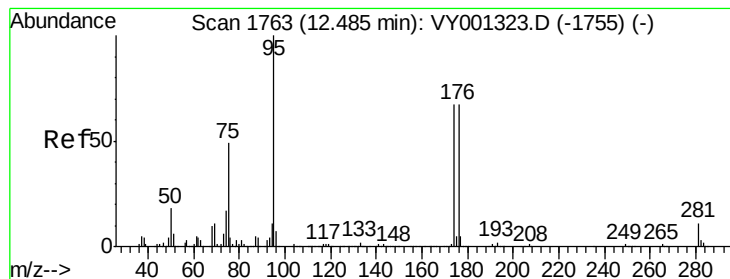
100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 48.441 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-6.5-7.0

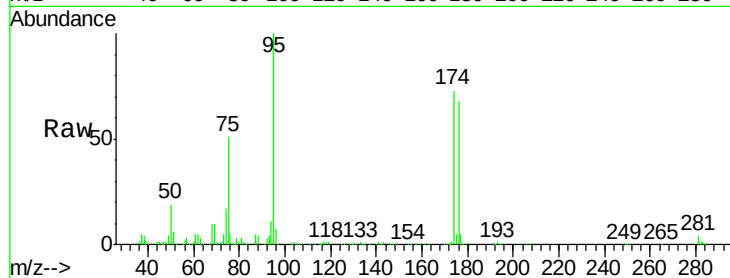
Tot Ion: 95 Resp: 137499

Ion Ratio Lower Upper

95 100

174 74.4 0.0 142.0

176 72.2 0.0 138.6



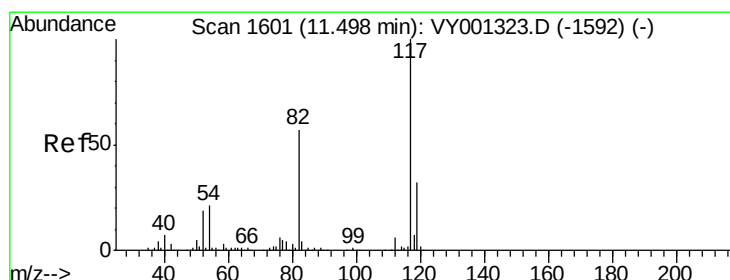
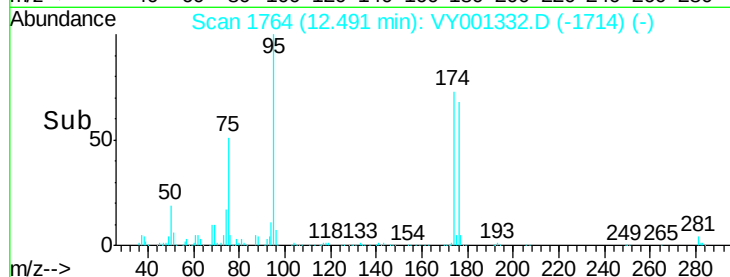
Abundance Ion 94.90 (94.60 to 95.60): VY001332.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001332.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001332.D (-1755) (-)

12.49

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

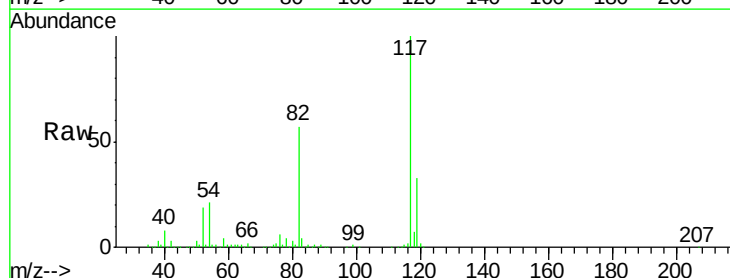
Tgt Ion: 117 Resp: 282751

Ion Ratio Lower Upper

117 100

82 57.2 45.5 68.3

119 32.7 25.8 38.6



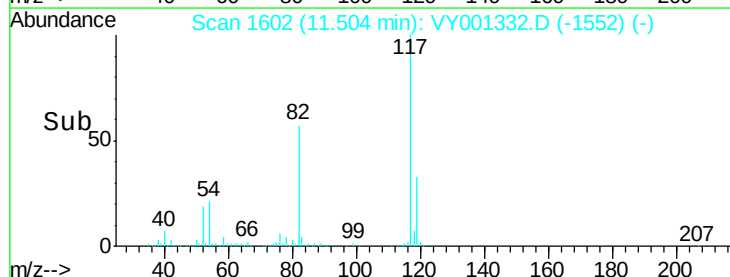
Abundance Ion 116.90 (116.60 to 117.60): VY001332.D (-1552) (-)

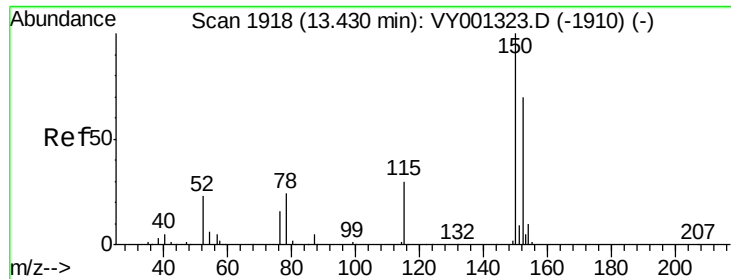
Ion 82.00 (81.70 to 82.70): VY001332.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY001332.D (-1552) (-)

11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-6.5-7.0

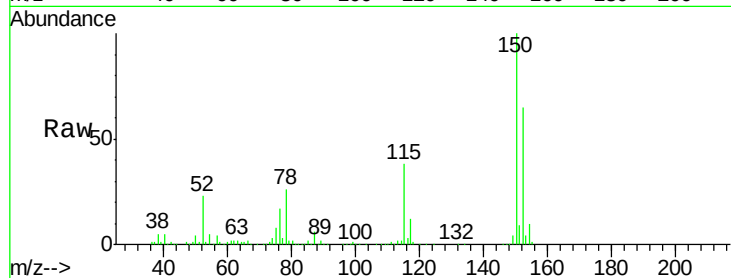
Tot Ion:152 Resp: 131526

Ion Ratio Lower Upper

152 100

115 60.0 30.9 92.8

150 157.4 0.0 349.2



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

