

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002383.D
 Acq On : 16 Apr 2020 21:13
 Operator : SY/MD
 Sample : L2324-01
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Apr 17 08:30:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	152604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	306016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	285927	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	127652	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	85706	50.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.00%	
35) Dibromofluoromethane	7.74	113	90992	49.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.94%	
50) Toluene-d8	10.19	98	369713	48.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.49	95	124829	49.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.28%	

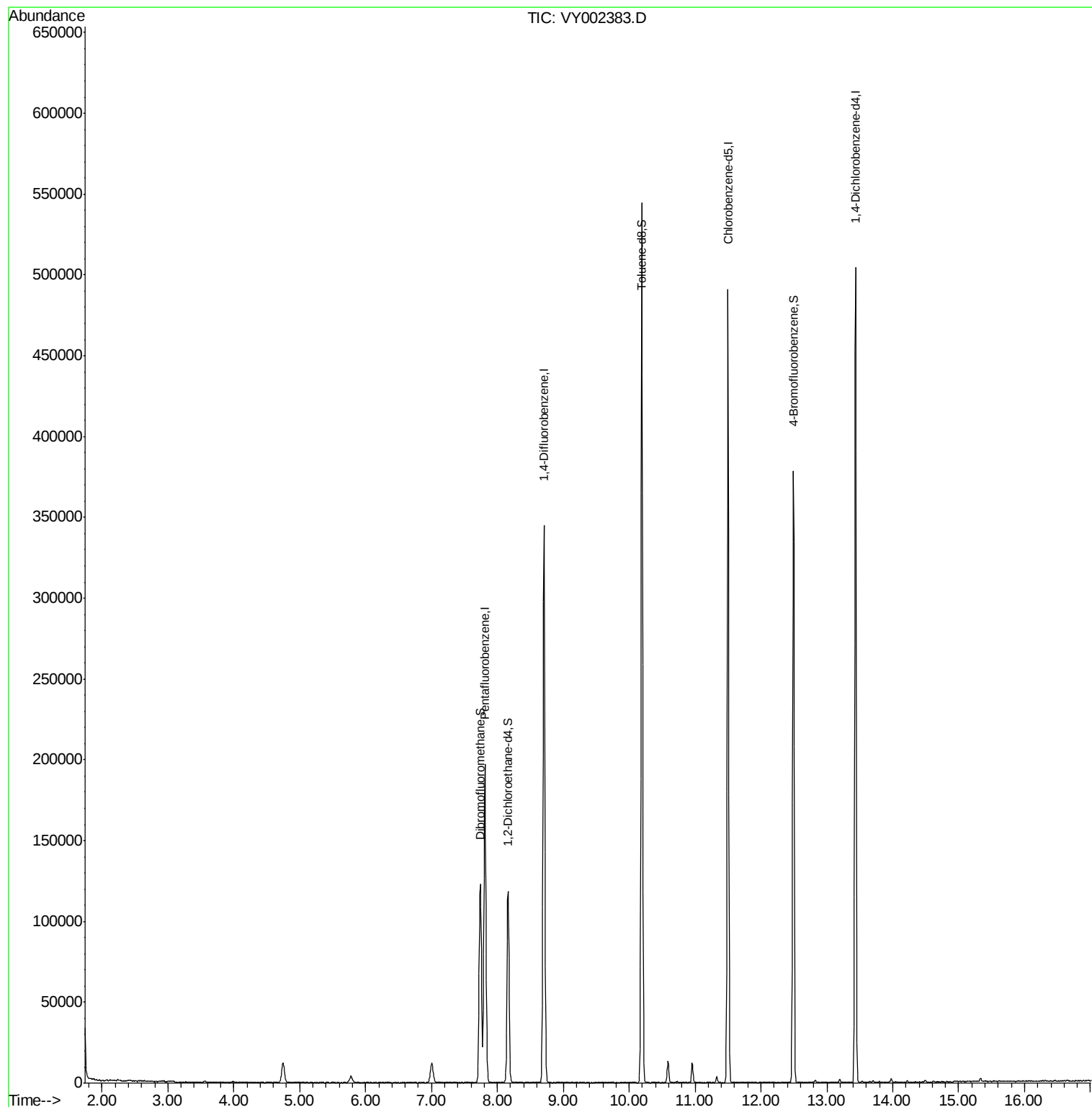
Target Compounds	Qvalue

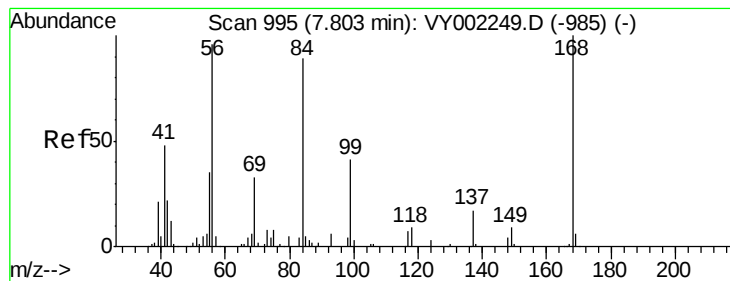
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002383.D

Acq: 16 Apr 2020 21:13

Instrument :

MSVOA_Y

ClientSampled :

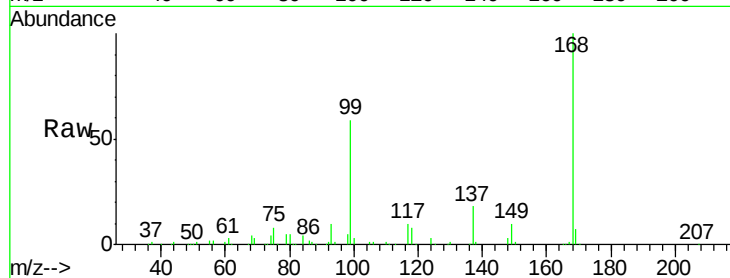
WC-1

Tot Ion:168 Resp: 152604

Ion Ratio Lower Upper

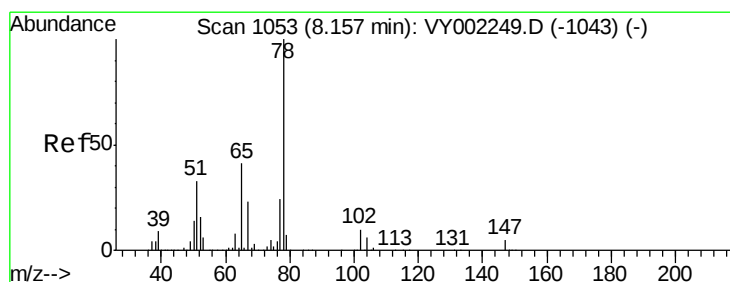
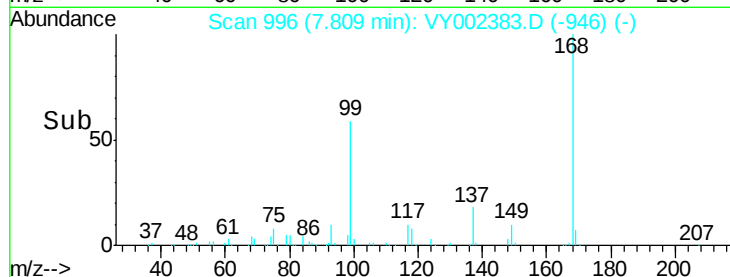
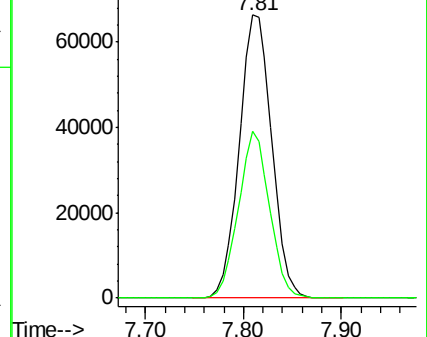
168 100

99 59.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.502 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002383.D

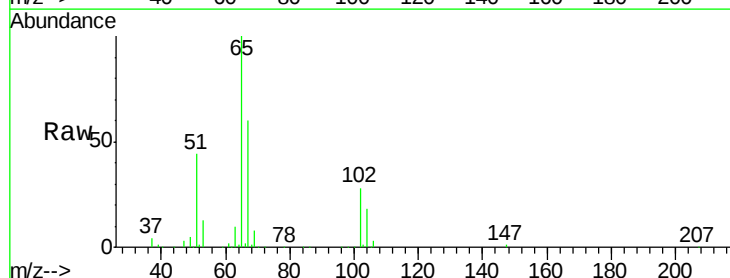
Acq: 16 Apr 2020 21:13

Tgt Ion: 65 Resp: 85706

Ion Ratio Lower Upper

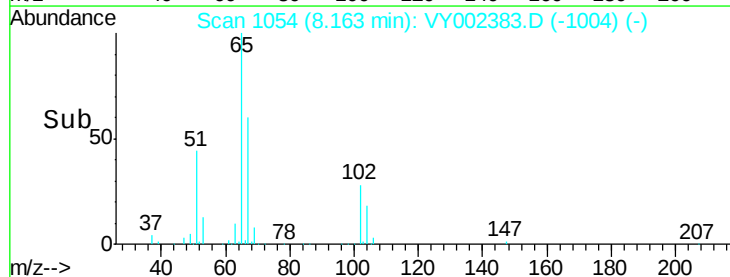
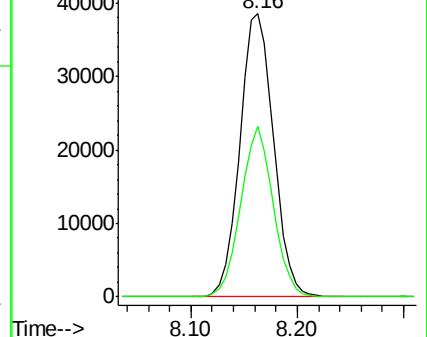
65 100

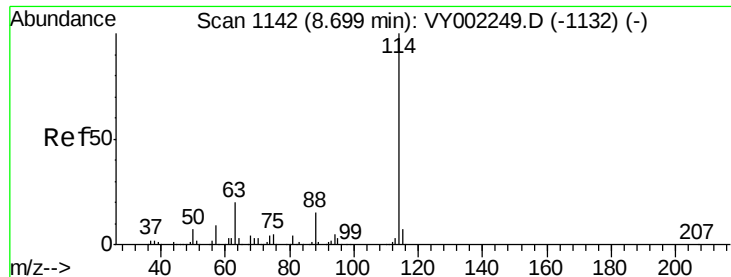
67 57.9 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002383.D

Acq: 16 Apr 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

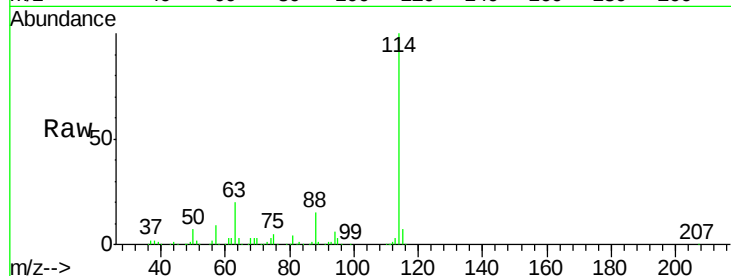
Tot Ion:114 Resp: 306016

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

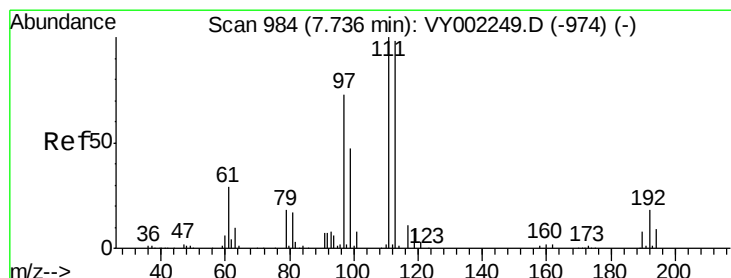
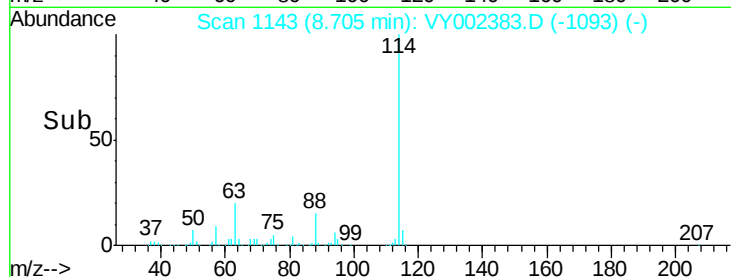
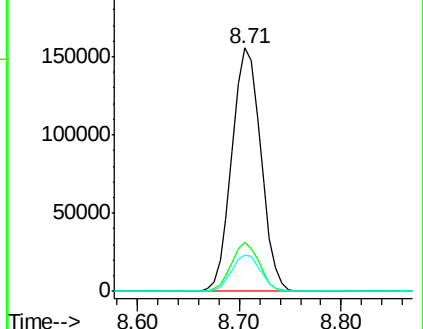
88 14.7 0.0 31.0



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: 49.971 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002383.D

Acq: 16 Apr 2020 21:13

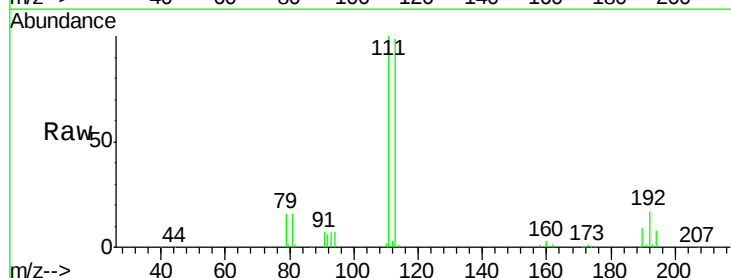
Tgt Ion:113 Resp: 90992

Ion Ratio Lower Upper

113 100

111 102.0 83.5 125.3

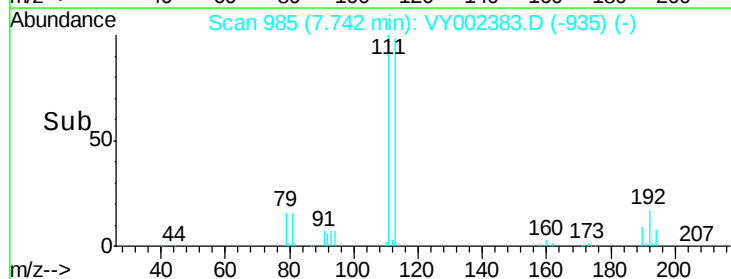
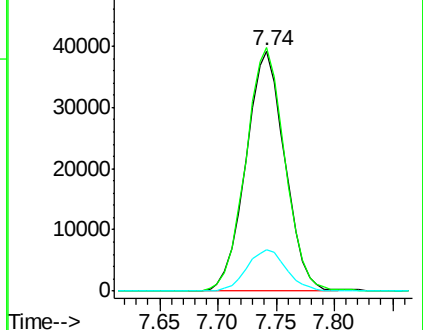
192 17.6 14.7 22.1

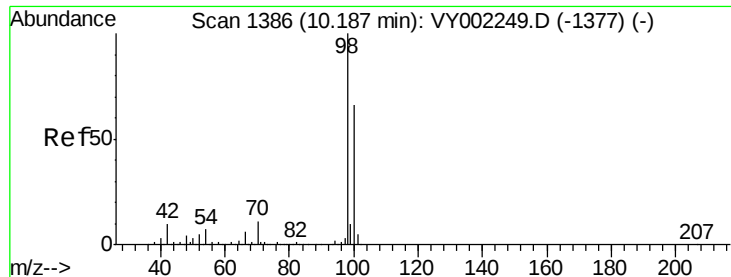


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.509 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002383.D

Acq: 16 Apr 2020 21:13

Instrument :

MSVOA_Y

ClientSampleId :

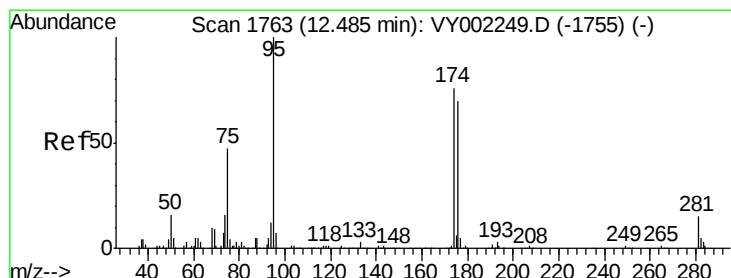
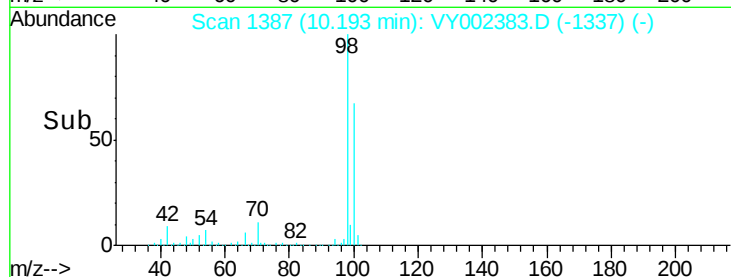
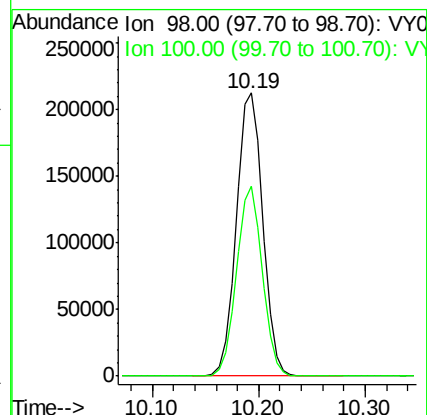
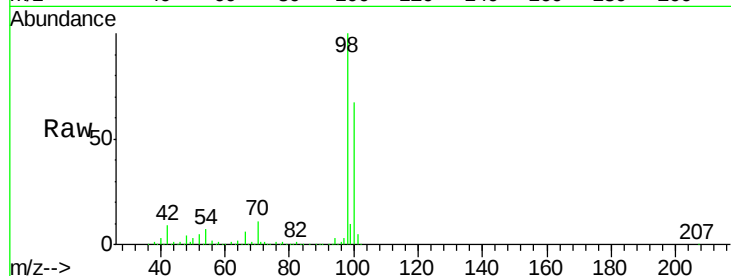
WC-1

Tot Ion: 98 Resp: 369713

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.645 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002383.D

Acq: 16 Apr 2020 21:13

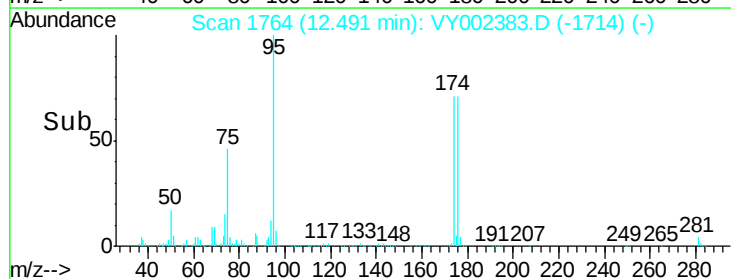
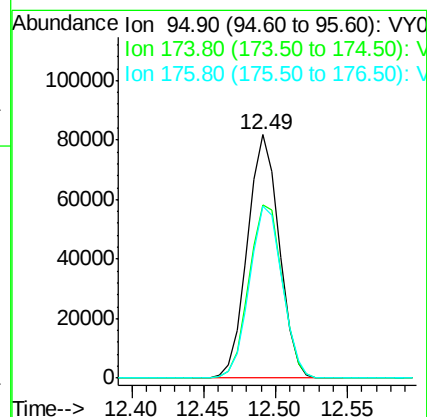
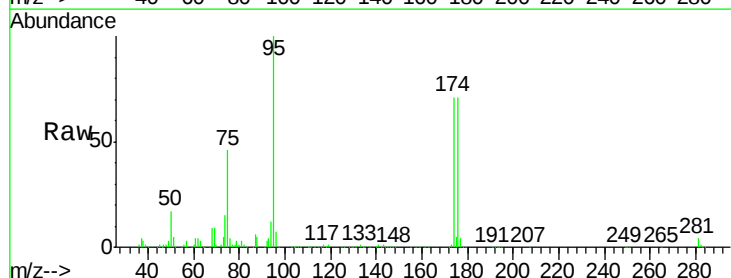
Tgt Ion: 95 Resp: 124829

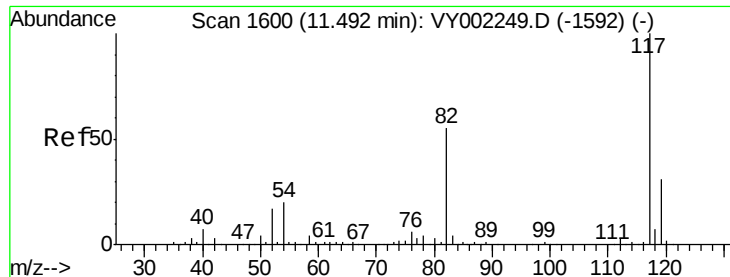
Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.6

176 72.6 0.0 141.4

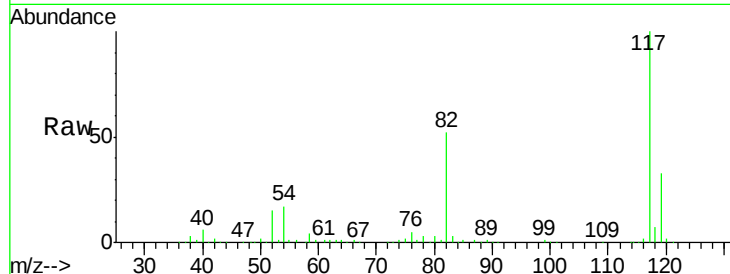




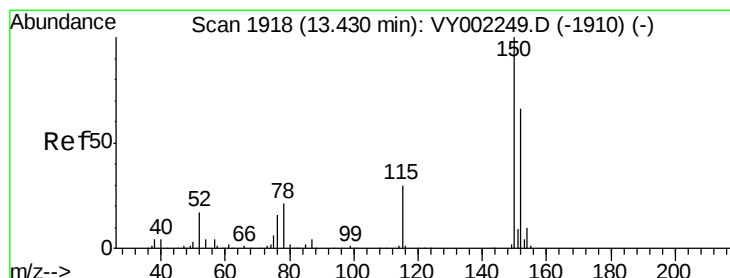
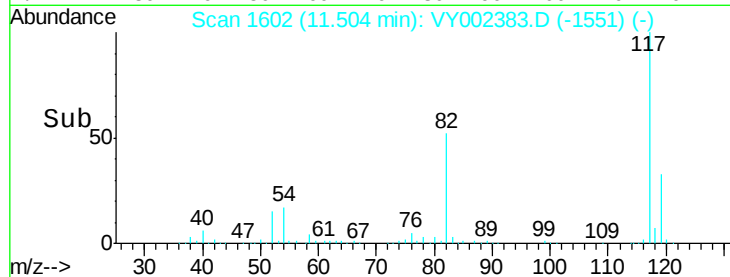
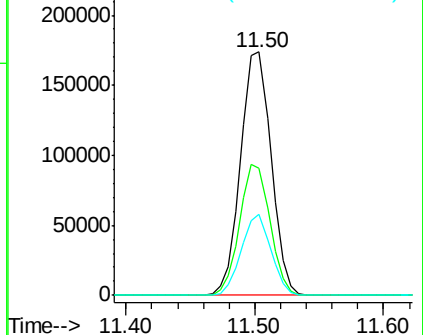
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002383.D
Acq: 16 Apr 2020 21:13

Instrument :
MSVOA_Y
ClientSampled :
WC-1

Tot Ion:117 Resp: 285927
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.4
119 33.4 25.1 37.7

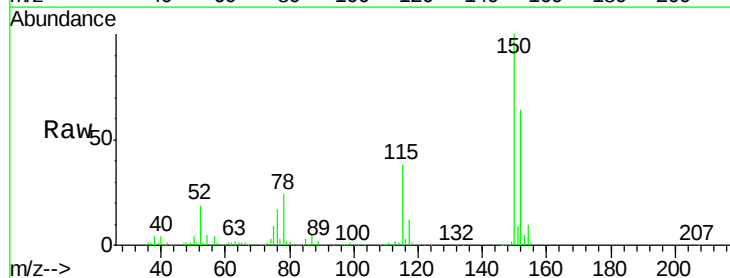


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002383.D
Acq: 16 Apr 2020 21:13

Tgt Ion:152 Resp: 127652
Ion Ratio Lower Upper
152 100
115 60.0 30.7 92.1
150 156.5 0.0 350.6



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

