

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002371.D
 Acq On : 16 Apr 2020 16:46
 Operator : SY/MD
 Sample : L2243-08
 Misc : 6.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-31-30

Quant Time: Apr 17 08:05:04 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

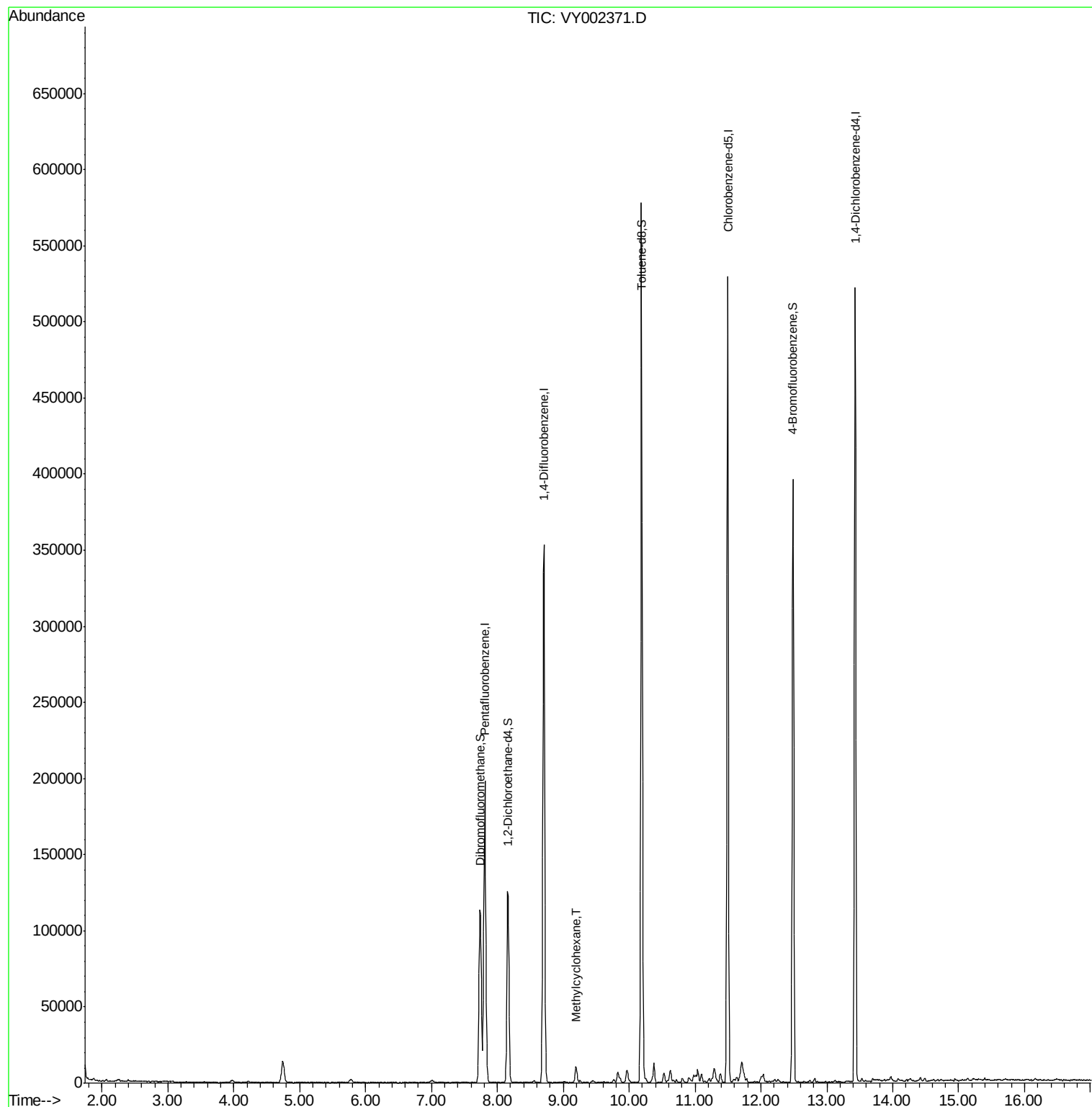
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	150925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	309556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	294336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	127967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90133	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
35) Dibromofluoromethane	7.74	113	85101	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
50) Toluene-d8	10.19	98	379349	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.49	95	134789	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
Target Compounds						
39) Methylcyclohexane	9.19	83	4305	1.038	ug/l	Qvalue 95

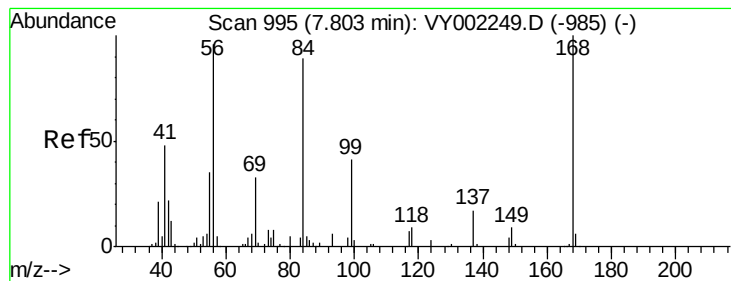
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

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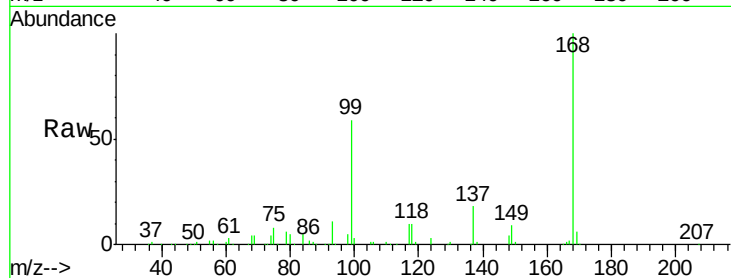
TP-31-30

Tot Ion:168 Resp: 150925

Ion Ratio Lower Upper

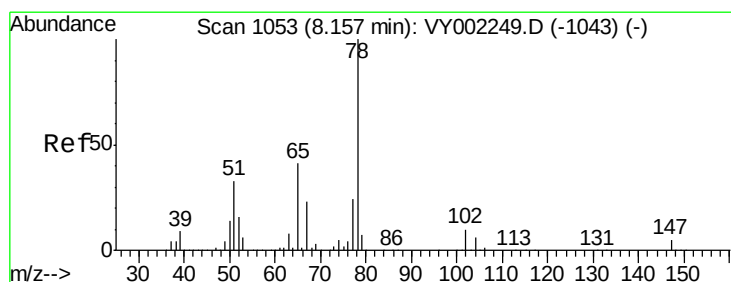
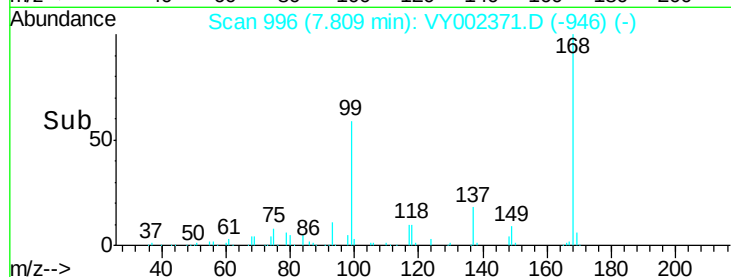
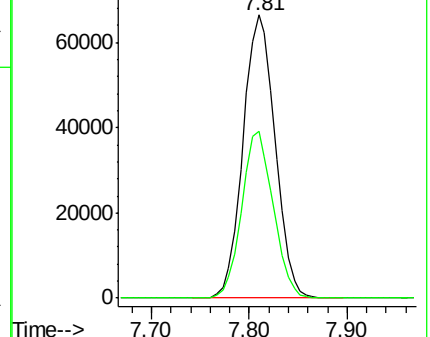
168 100

99 59.1 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: 53.702 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002371.D

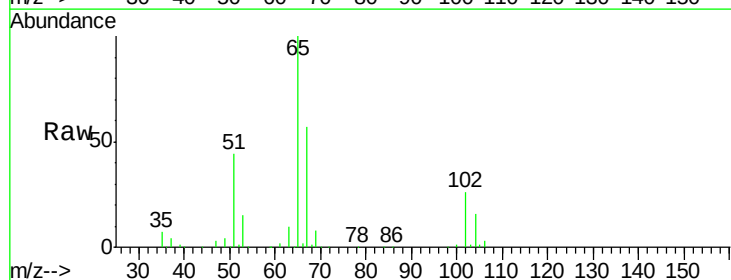
Acq: 16 Apr 2020 16:46

Tgt Ion: 65 Resp: 90133

Ion Ratio Lower Upper

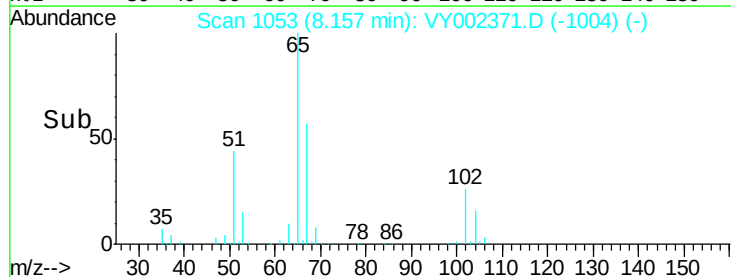
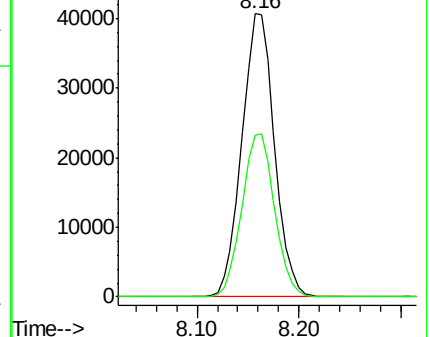
65 100

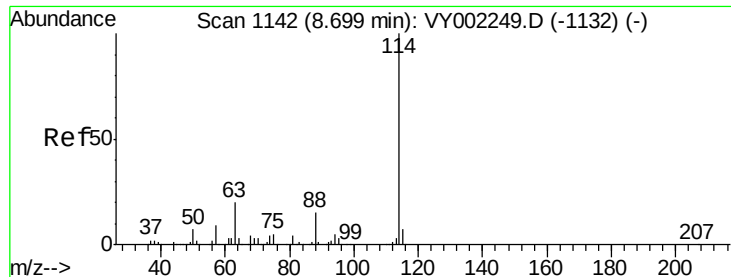
67 57.7 0.0 114.0



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

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

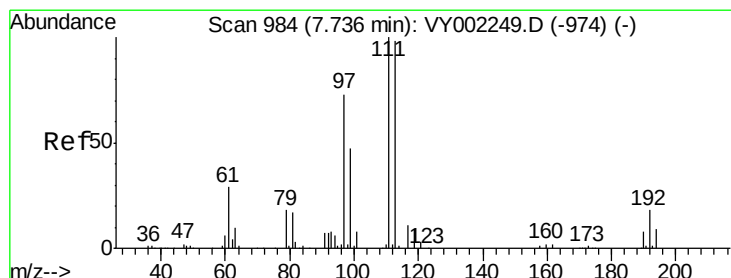
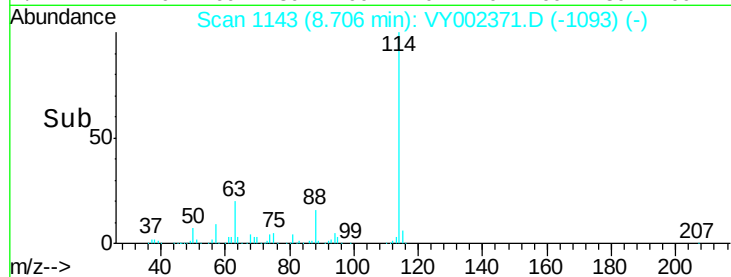
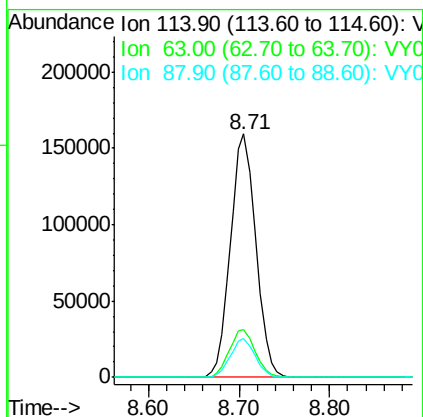
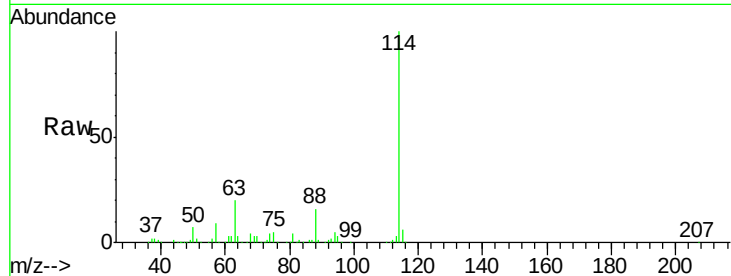




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002371.D
 Acq: 16 Apr 2020 16:46

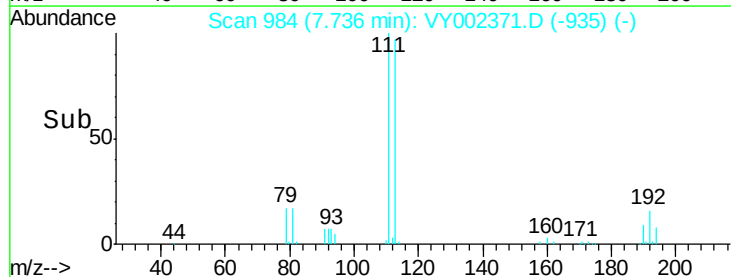
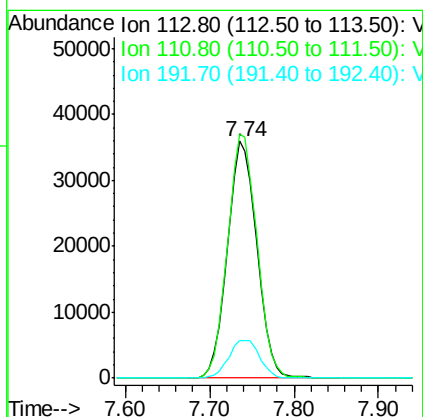
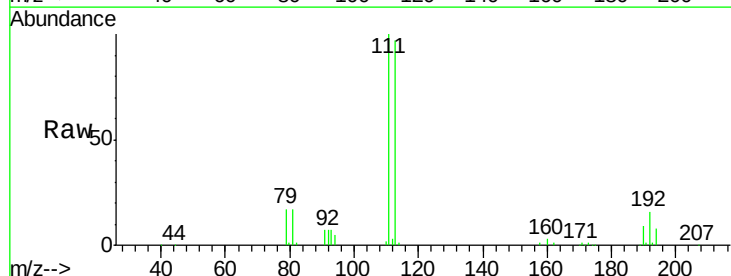
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-31-30

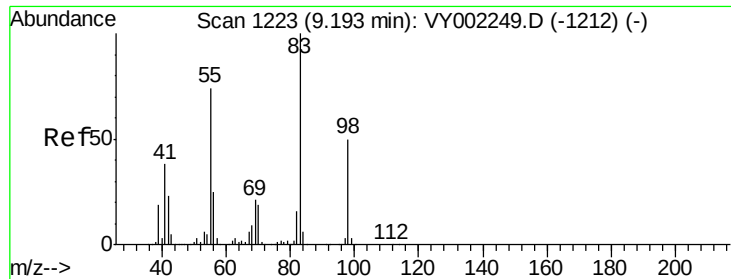
Tot Ion:114	Resp:	309556
Ion Ratio	Lower	Upper
114 100		
63 19.6	0.0	39.0
88 15.9	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 46.201 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002371.D
 Acq: 16 Apr 2020 16:46

Tgt Ion:113	Resp:	85101
Ion Ratio	Lower	Upper
113 100		
111 102.9	83.5	125.3
192 16.8	14.7	22.1

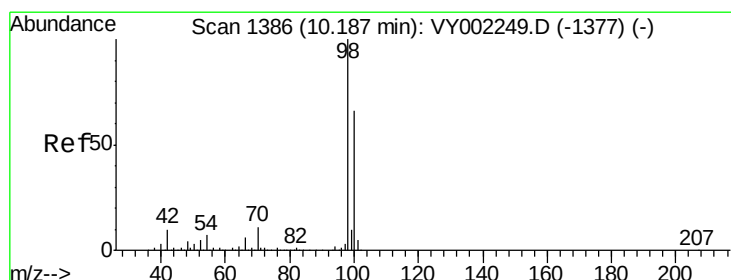
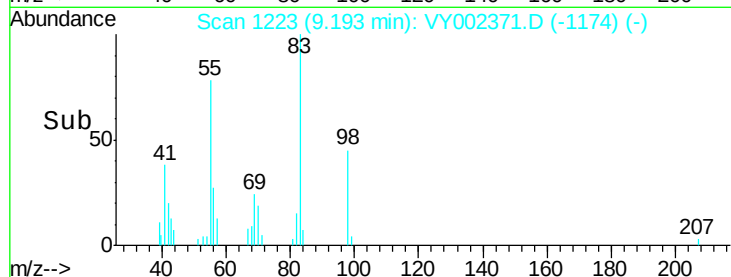
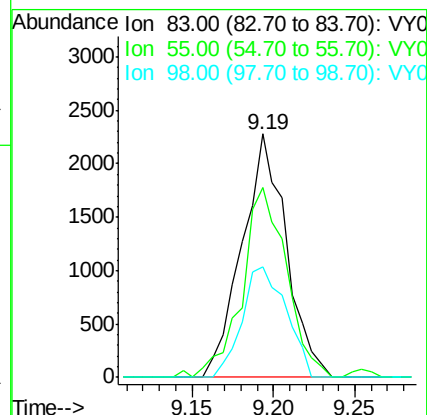
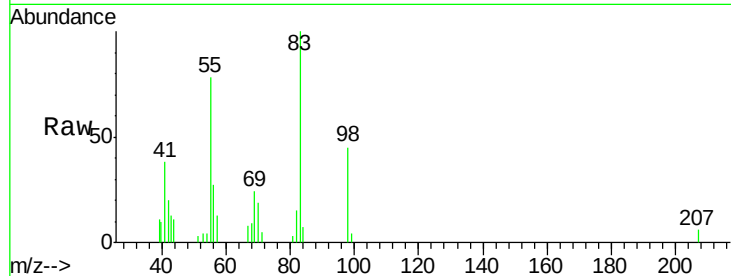




#39
Methylcyclohexane
Concen: 1.038 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002371.D
Acq: 16 Apr 2020 16:46

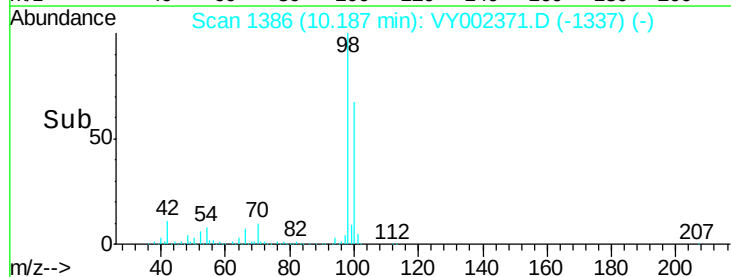
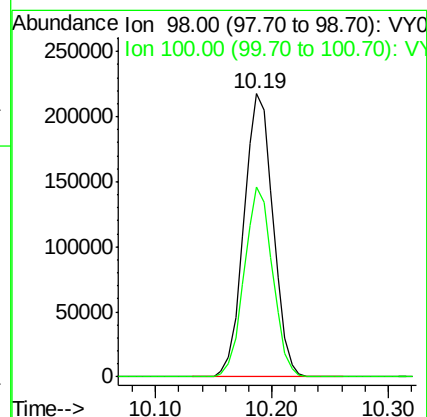
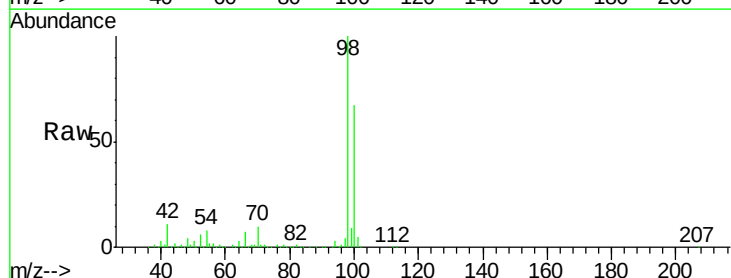
Instrument :
MSVOA_Y
ClientSampleId :
TP-31-30

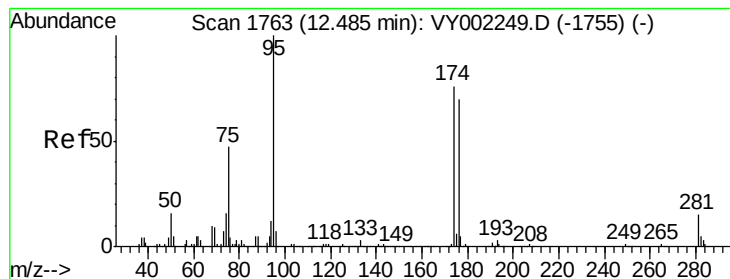
Tot Ion: 83 Resp: 4305
Ion Ratio Lower Upper
83 100
55 77.8 59.3 88.9
98 45.4 39.6 59.4



#50
Toluene-d8
Concen: 49.204 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002371.D
Acq: 16 Apr 2020 16:46

Tgt Ion: 98 Resp: 379349
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 52.993 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002371.D

Acq: 16 Apr 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-31-30

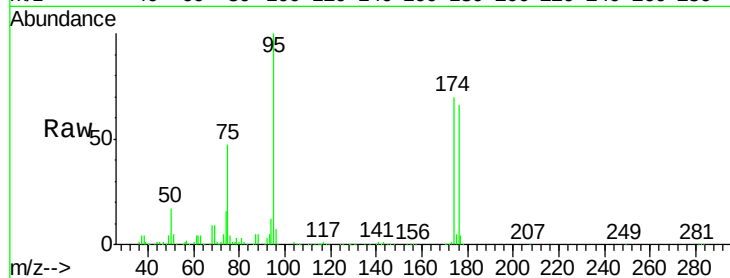
Tot Ion: 95 Resp: 134789

Ion Ratio Lower Upper

95 100

174 71.2 0.0 150.6

176 69.2 0.0 141.4

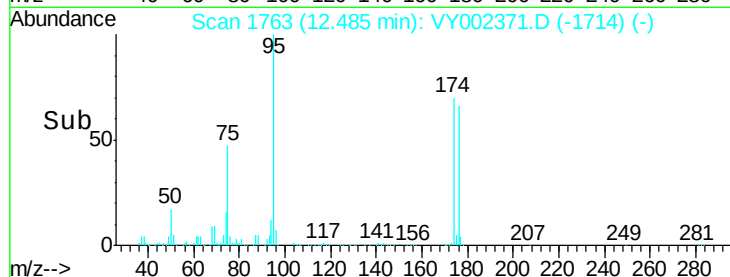


Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

Time-->

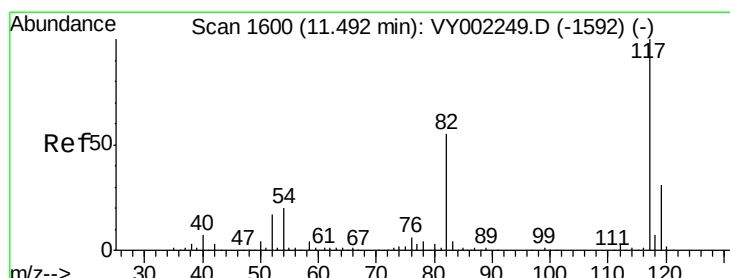


Abundance Ion 94.90 (94.60 to 95.60): VY002371.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY002371.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002371.D (-1714) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002371.D

Acq: 16 Apr 2020 16:46

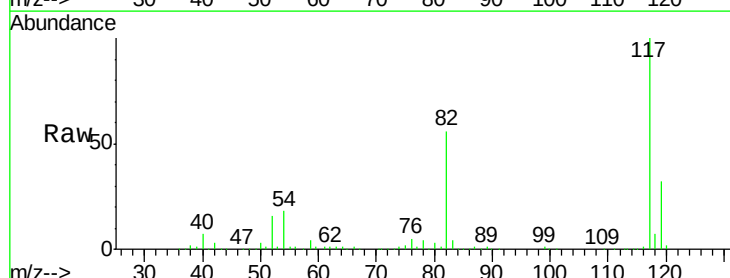
Tgt Ion: 117 Resp: 294336

Ion Ratio Lower Upper

117 100

82 55.6 44.2 66.4

119 32.2 25.1 37.7

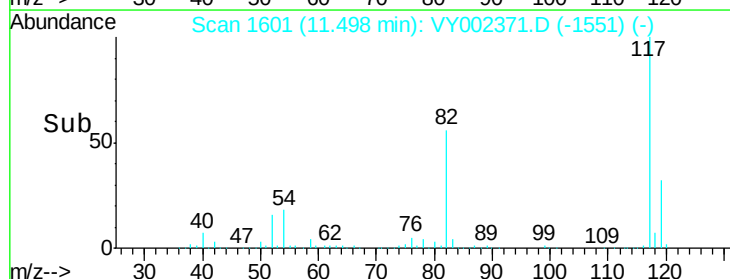


Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

Time-->

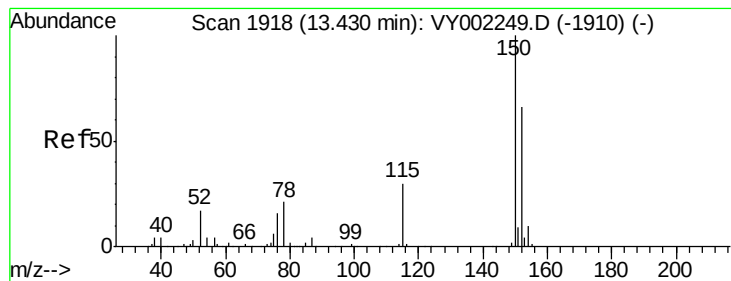


Abundance Ion 116.90 (116.60 to 117.60): VY002371.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002371.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002371.D (-1551) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002371.D

Acq: 16 Apr 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-31-30

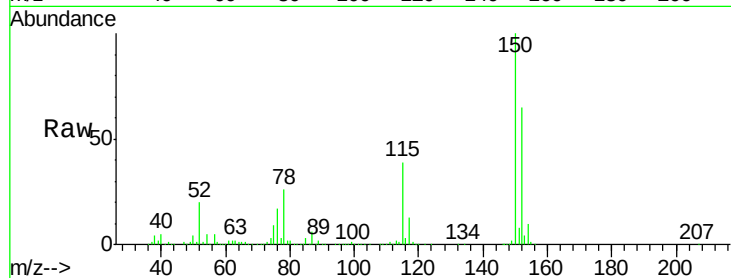
Tot Ion:152 Resp: 127967

Ion Ratio Lower Upper

152 100

115 60.7 30.7 92.1

150 157.1 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

