

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002337.D
 Acq On : 15 Apr 2020 15:20
 Operator : SY/MD
 Sample : L2245-20
 Misc : 5.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-22

Quant Time: Apr 16 09:09:43 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

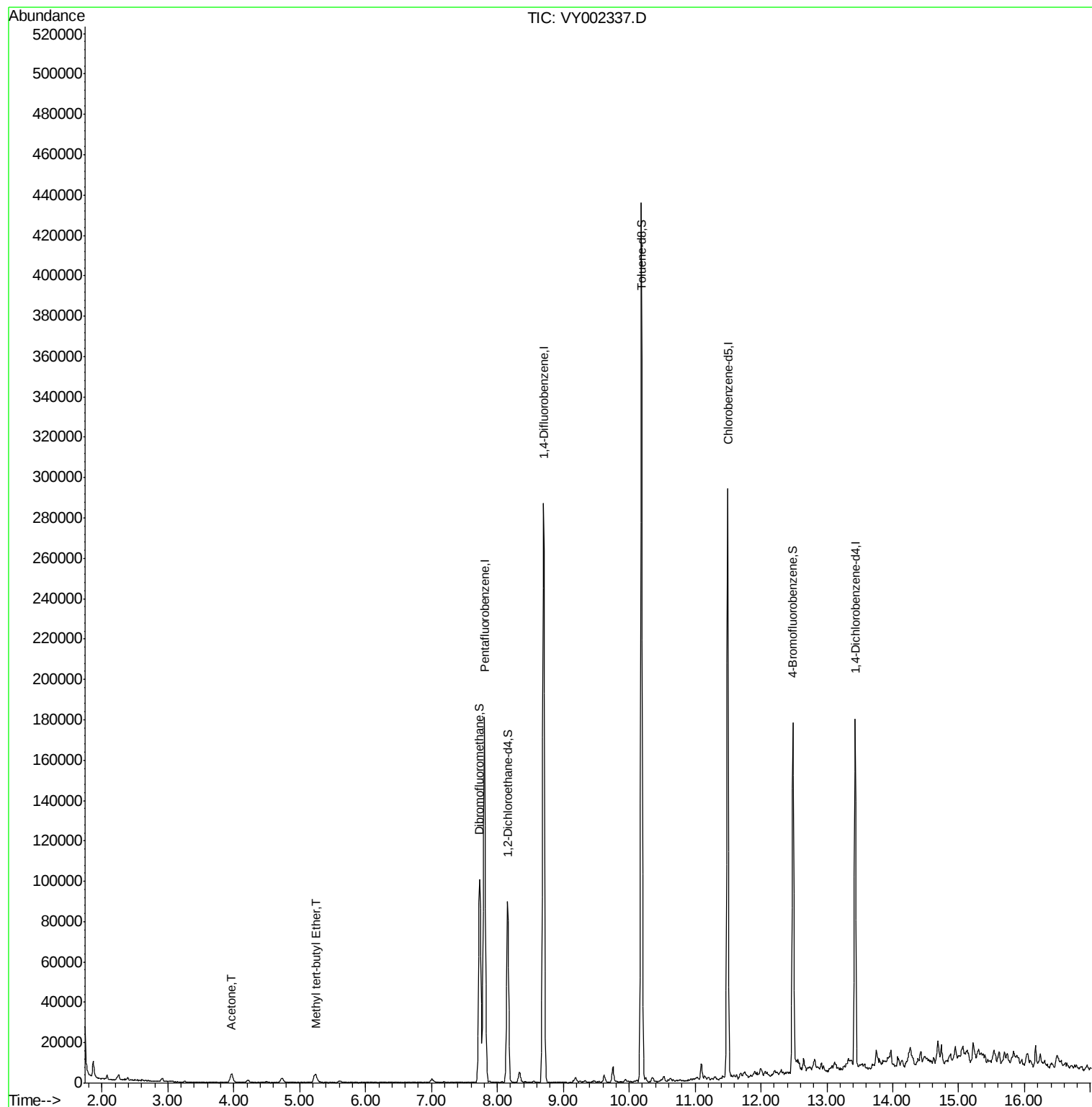
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	138016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	251287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	167138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	42744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	65643	42.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.54%	
35) Dibromofluoromethane	7.74	113	75706	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.19	98	291411	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
62) 4-Bromofluorobenzene	12.49	95	55940	27.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.18%	
Target Compounds						
16) Acetone	3.96	43	7764	19.206	ug/l	95
19) Methyl tert-butyl Ether	5.24	73	7282	1.662	ug/l #	80

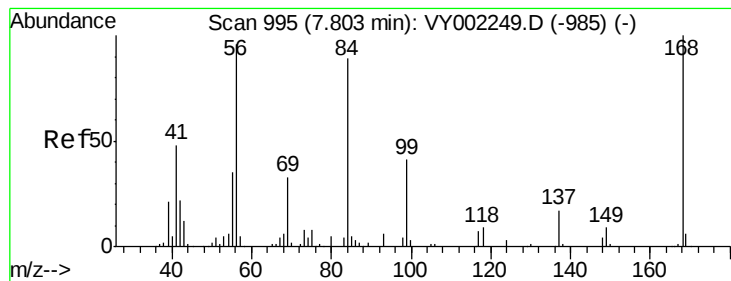
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002337.D

Acq: 15 Apr 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

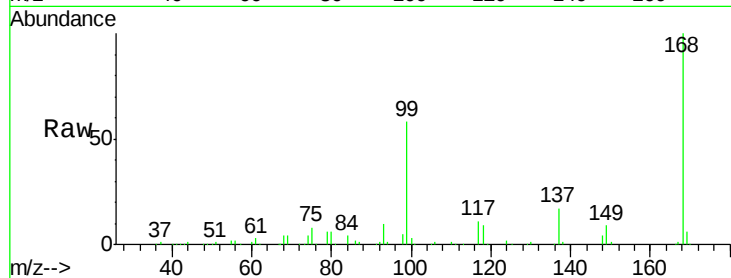
TP-22

Tot Ion:168 Resp: 138016

Ion Ratio Lower Upper

168 100

99 58.1 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) (-)

7.80

60000

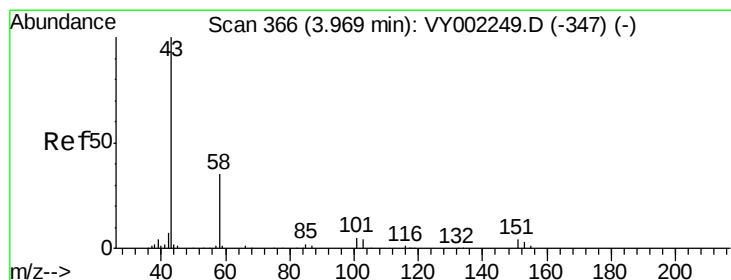
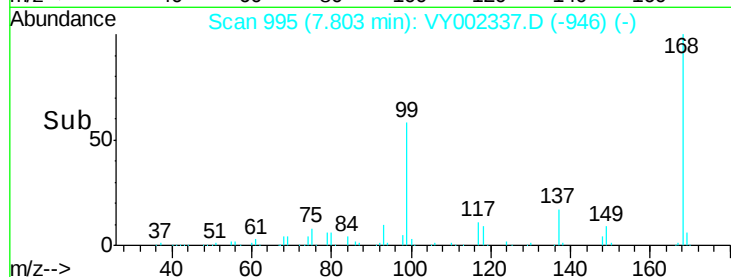
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 19.206 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002337.D

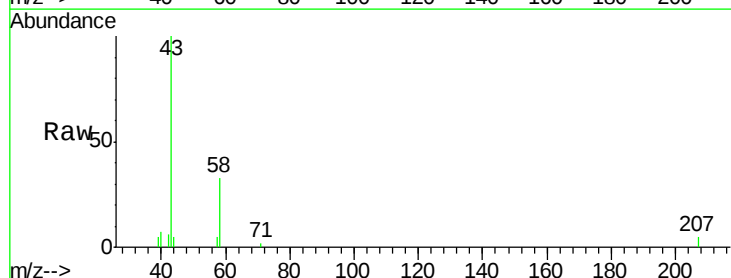
Acq: 15 Apr 2020 15:20

Tgt Ion: 43 Resp: 7764

Ion Ratio Lower Upper

43 100

58 32.8 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

3.96

3000

2500

2000

1500

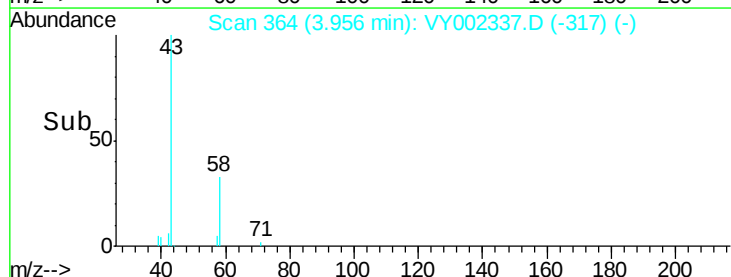
1000

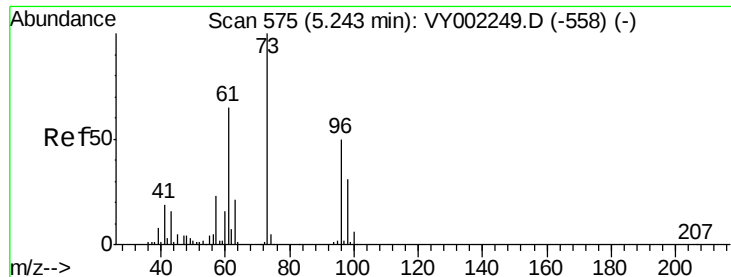
500

0

3.85 3.90 3.95 4.00 4.05

Time-->

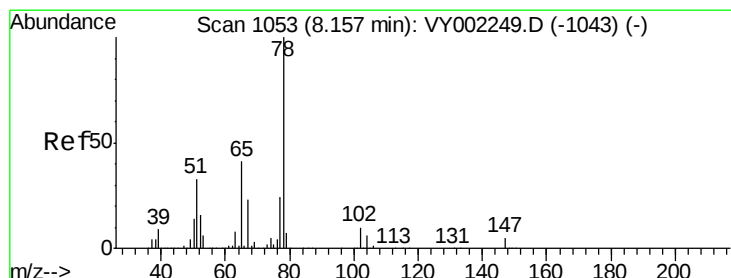
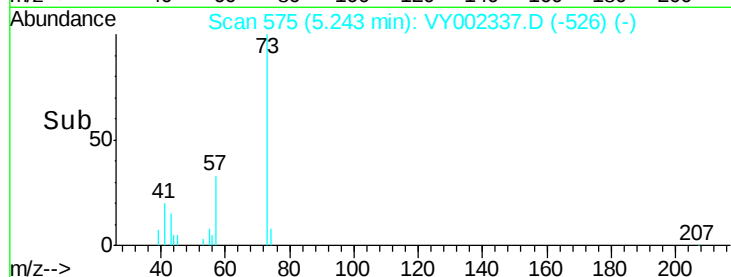
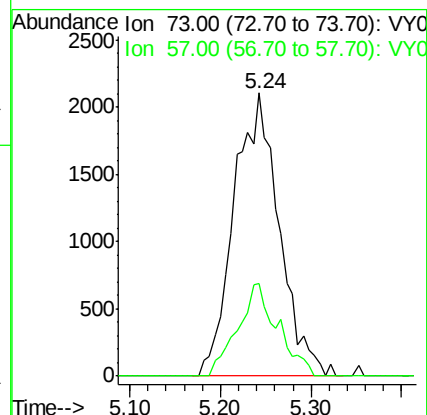
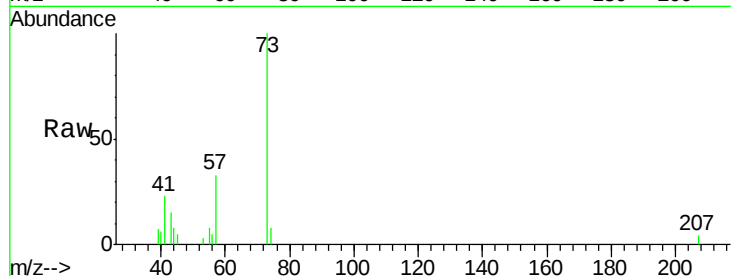




#19
Methvl tert-butvl Ether
Concen: 1.662 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.00 min
Lab File: VY002337.D
Acq: 15 Apr 2020 15:20

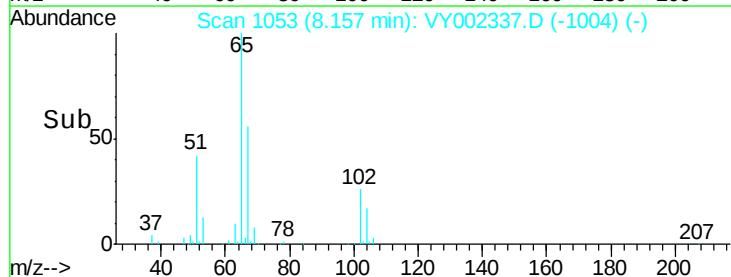
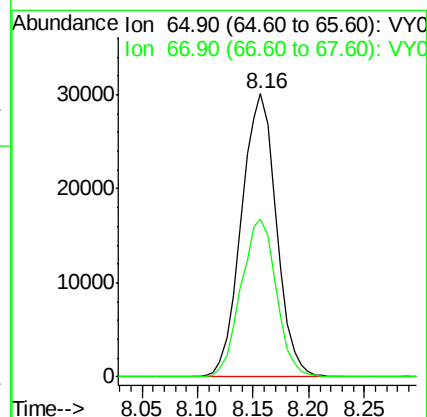
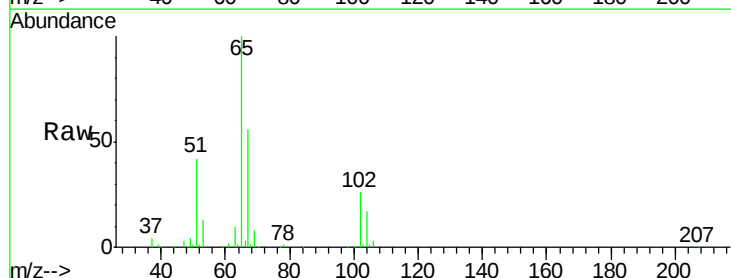
Instrument :
MSVOA_Y
ClientSampleId :
TP-22

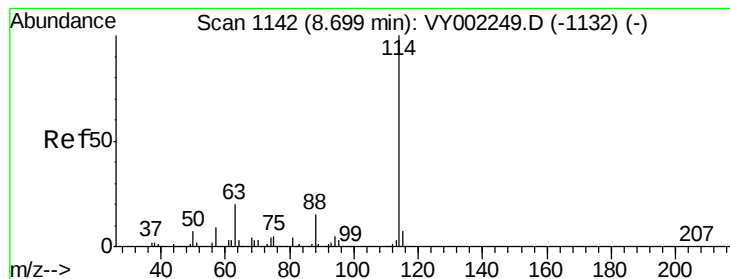
Tot Ion: 73 Resp: 7282
Ion Ratio Lower Upper
73 100
57 33.0 18.7 28.1#



#33
1,2-Dichloroethane-d4
Concen: 42.769 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VY002337.D
Acq: 15 Apr 2020 15:20

Tgt Ion: 65 Resp: 65643
Ion Ratio Lower Upper
65 100
67 56.1 0.0 114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002337.D

Acq: 15 Apr 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-22

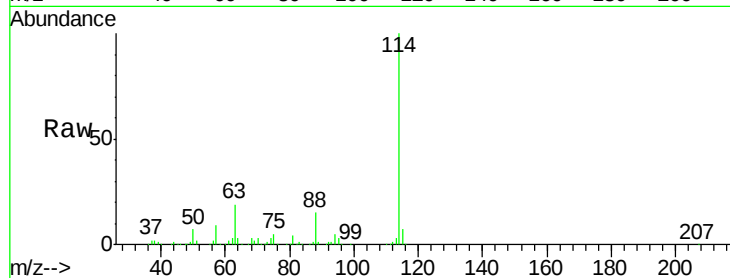
Tot Ion:114 Resp: 251287

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

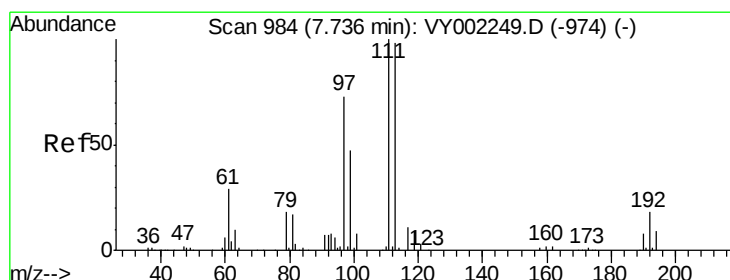
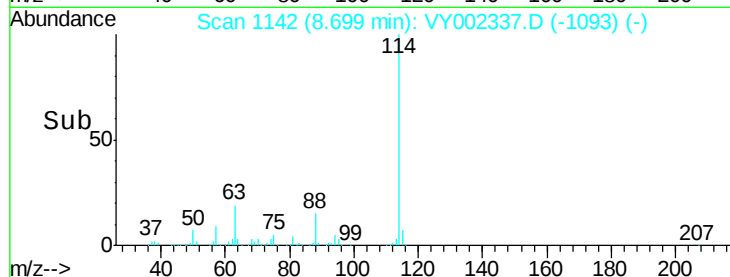
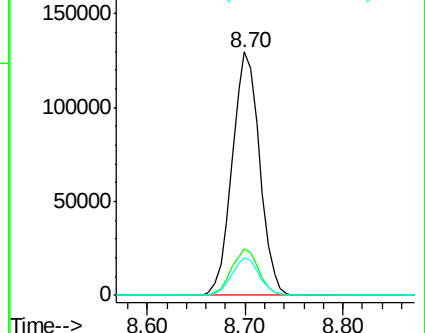
88 15.4 0.0 31.0



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: 50.631 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002337.D

Acq: 15 Apr 2020 15:20

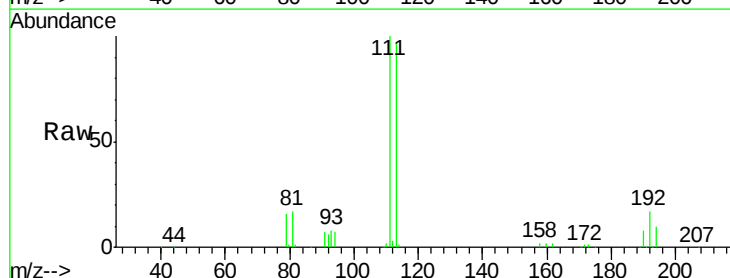
Tgt Ion:113 Resp: 75706

Ion Ratio Lower Upper

113 100

111 101.8 83.5 125.3

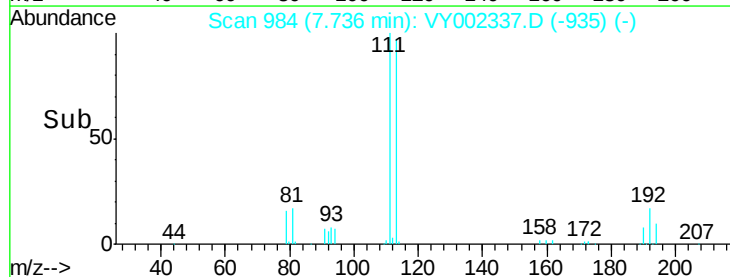
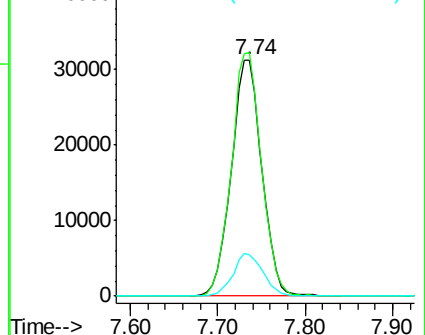
192 17.7 14.7 22.1

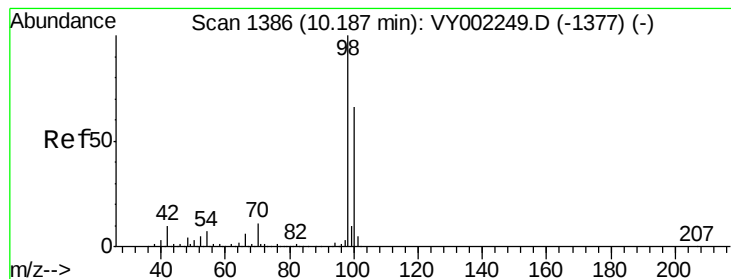


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.563 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002337.D

Acq: 15 Apr 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

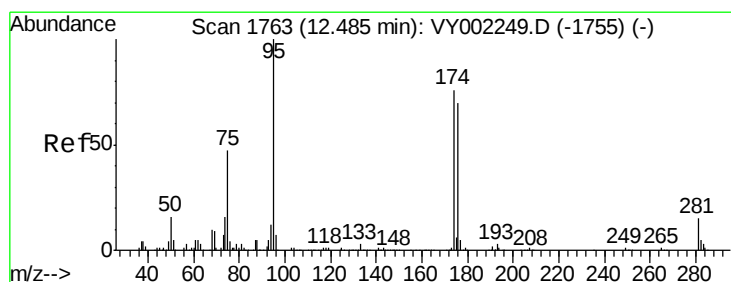
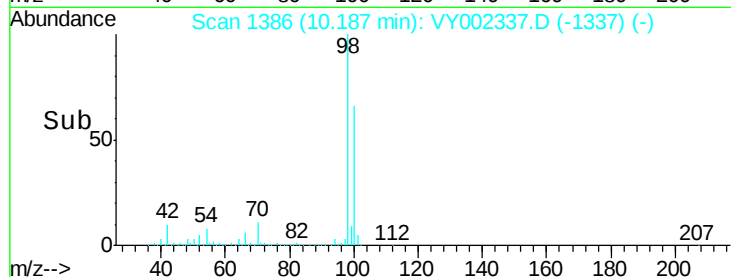
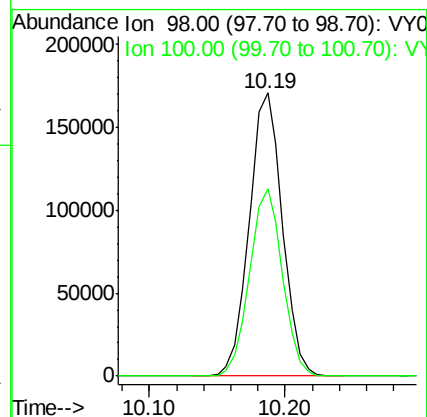
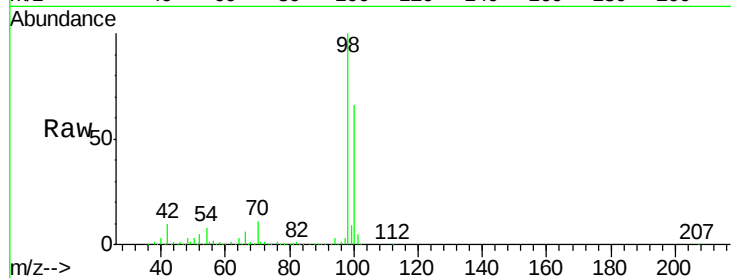
TP-22

Tot Ion: 98 Resp: 291411

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 27.093 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002337.D

Acq: 15 Apr 2020 15:20

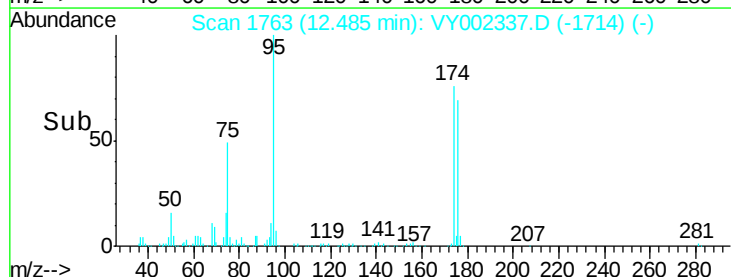
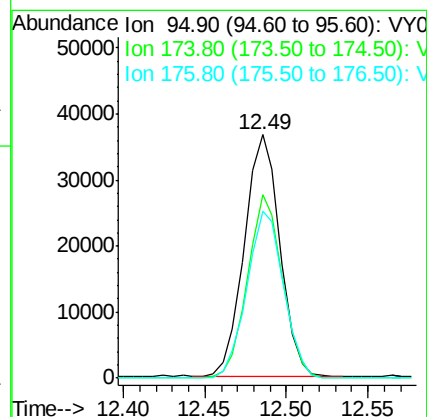
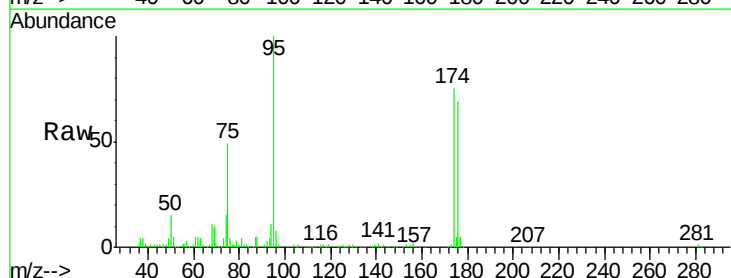
Tgt Ion: 95 Resp: 55940

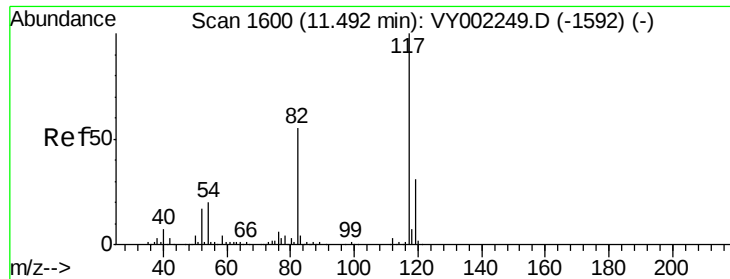
Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.6

176 70.8 0.0 141.4

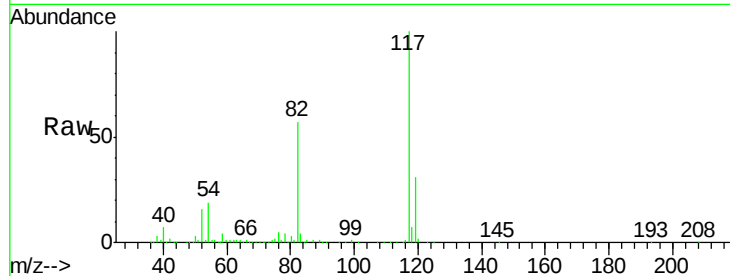




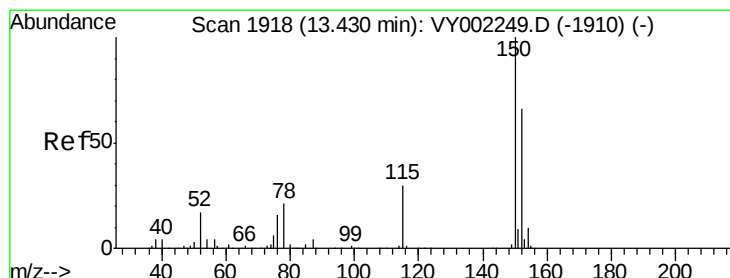
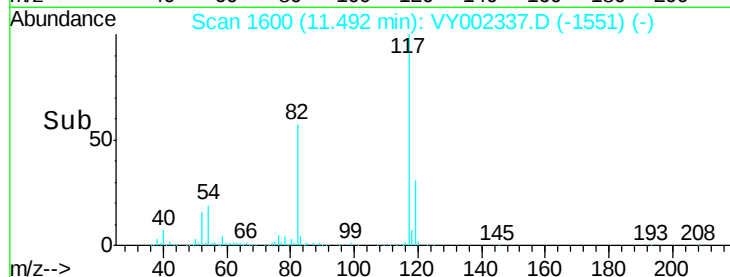
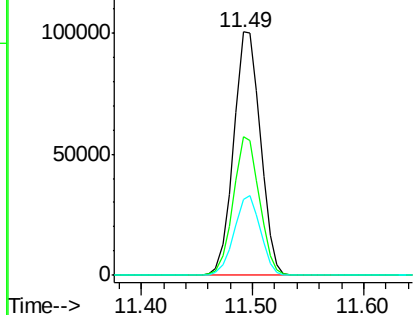
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002337.D
Acq: 15 Apr 2020 15:20

Instrument :
MSVOA_Y
ClientSampled :
TP-22

Tot Ion:117 Resp: 167138
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.4
119 31.0 25.1 37.7

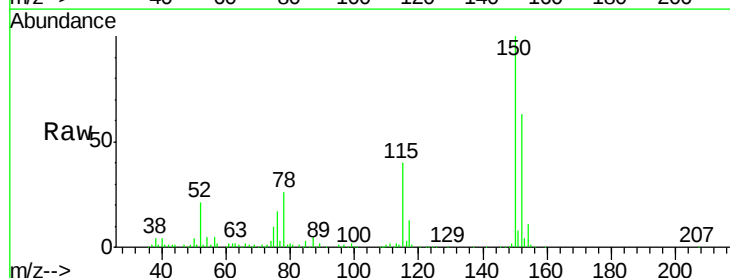


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002337.D
Acq: 15 Apr 2020 15:20

Tgt Ion:152 Resp: 42744
Ion Ratio Lower Upper
152 100
115 61.1 30.7 92.1
150 158.7 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

