

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002342.D
 Acq On : 15 Apr 2020 17:12
 Operator : SY/MD
 Sample : L2281-01
 Misc : 5.35G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-46

Quant Time: Apr 16 07:20:14 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

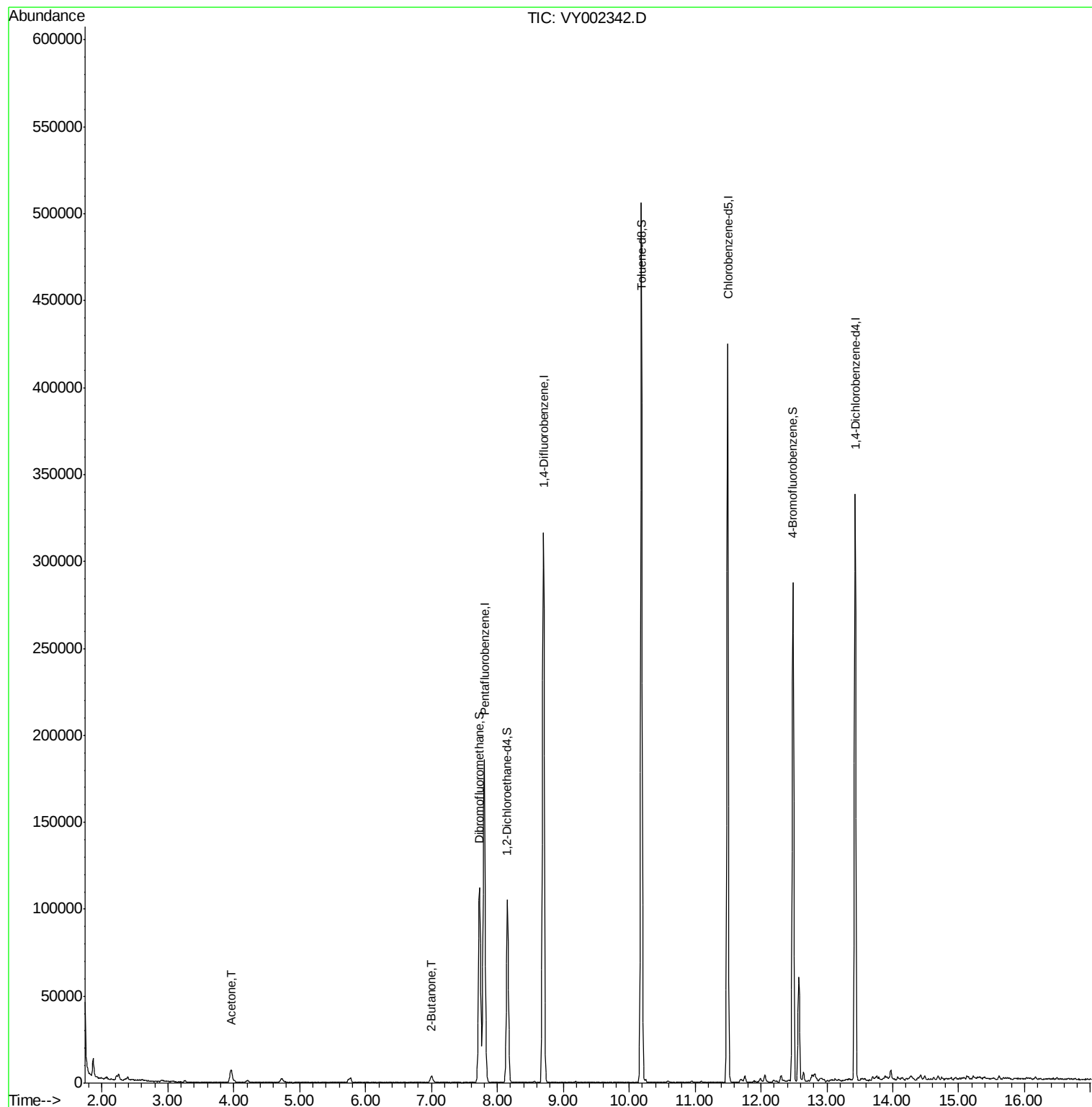
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	141018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	279114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	235901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	83195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	75859	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
35) Dibromofluoromethane	7.73	113	83323	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
50) Toluene-d8	10.19	98	337543	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.49	95	95261	41.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.08%	
Target Compounds						
16) Acetone	3.96	43	12547	30.377	ug/l #	88
25) 2-Butanone	7.01	43	5037	7.706	ug/l	97

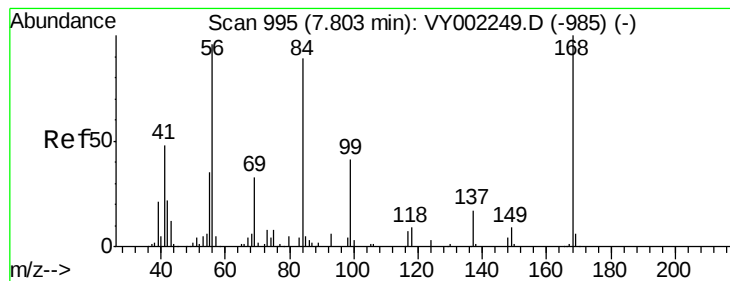
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002342.D

Acq: 15 Apr 2020 17:12

Instrument :

MSVOA_Y

ClientSampled :

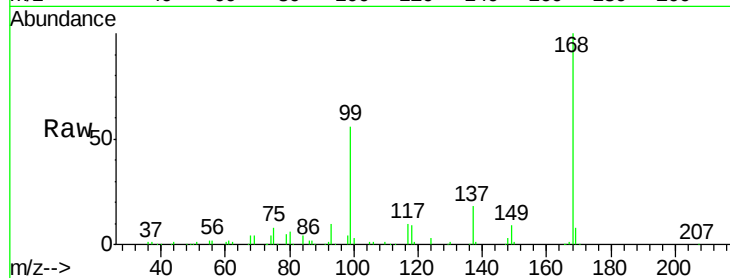
TP-46

Tot Ion:168 Resp: 141018

Ion Ratio Lower Upper

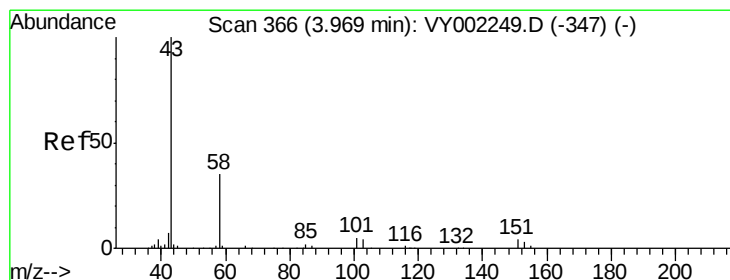
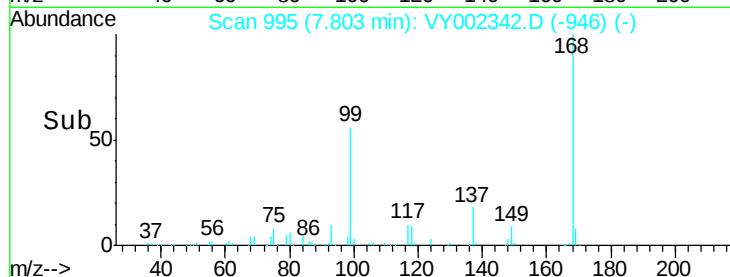
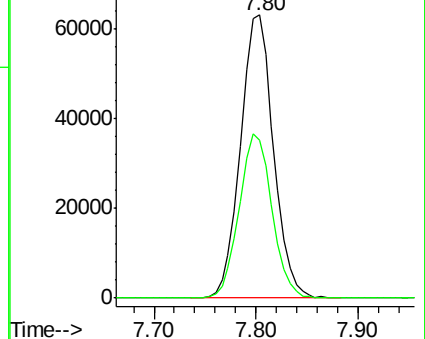
168 100

99 55.8 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) (-)



#16

Acetone

Concen: 30.377 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002342.D

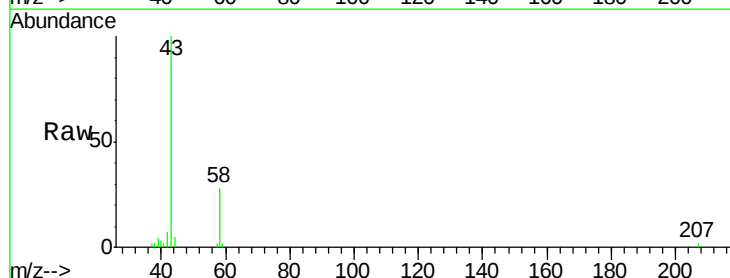
Acq: 15 Apr 2020 17:12

Tgt Ion: 43 Resp: 12547

Ion Ratio Lower Upper

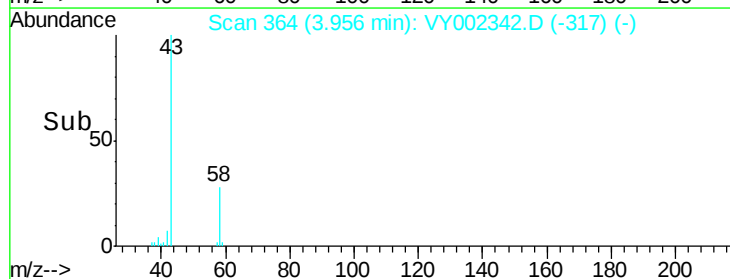
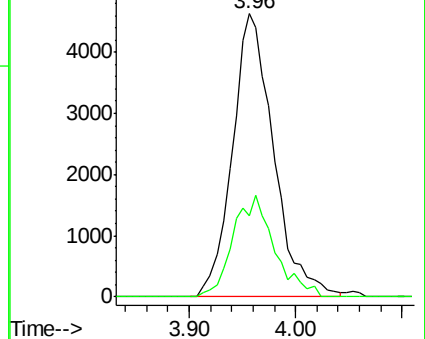
43 100

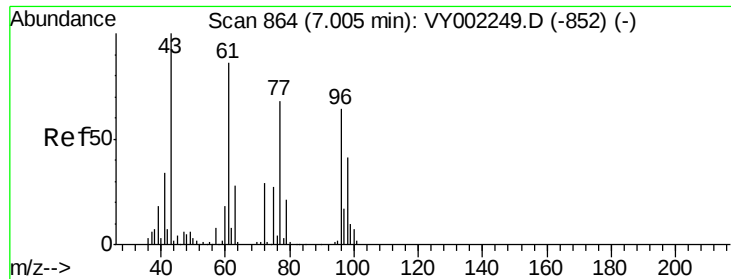
58 28.4 28.5 42.7#



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

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





#25

2-Butanone

Concen: 7.706 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002342.D

Acq: 15 Apr 2020 17:12

Instrument :

MSVOA_Y

ClientSampled :

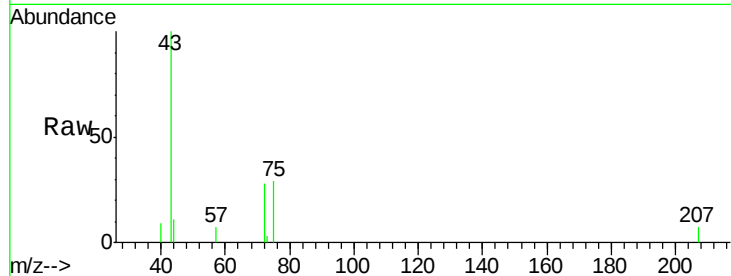
TP-46

Tot Ion: 43 Resp: 5037

Ion Ratio Lower Upper

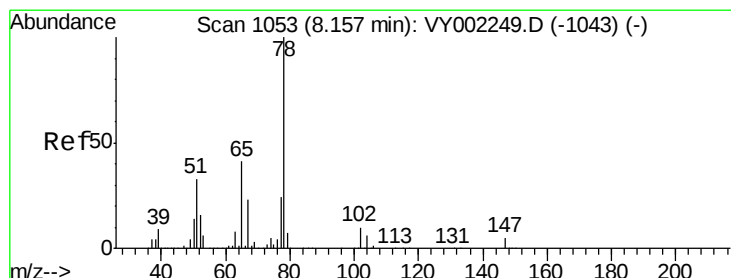
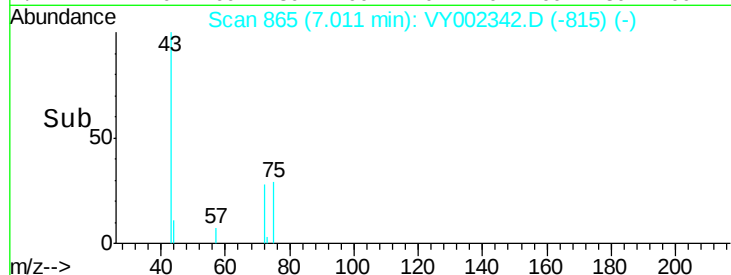
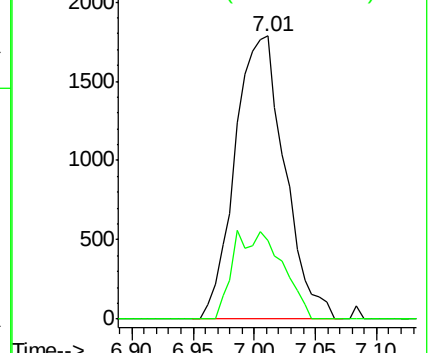
43 100

72 27.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 48.373 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002342.D

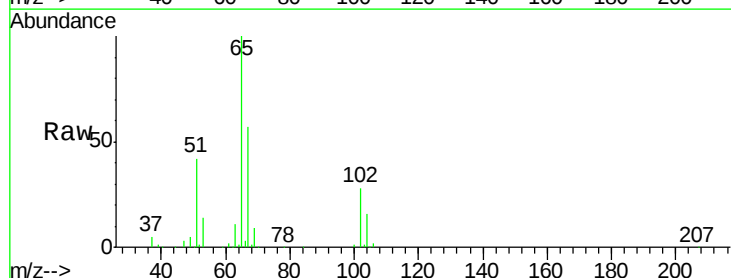
Acq: 15 Apr 2020 17:12

Tgt Ion: 65 Resp: 75859

Ion Ratio Lower Upper

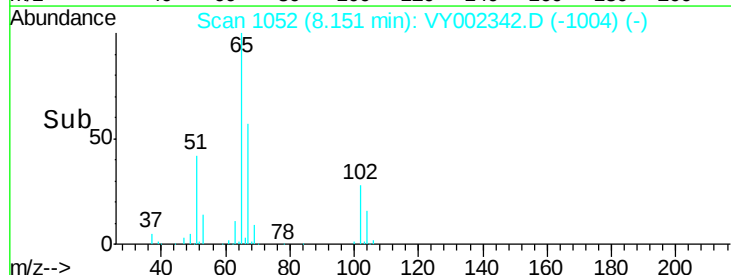
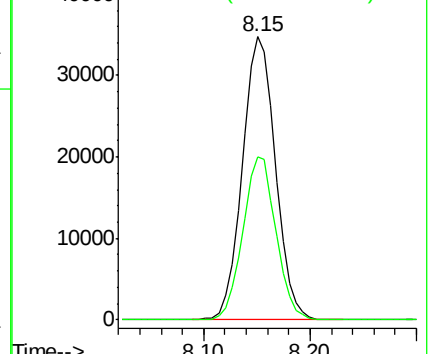
65 100

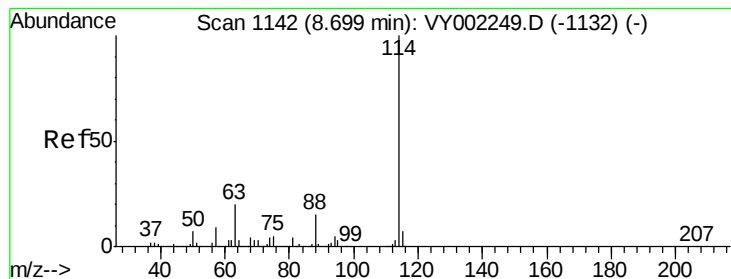
67 57.5 0.0 114.0



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: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY002342.D

Acq: 15 Apr 2020 17:12

Instrument :

MSVOA_Y

ClientSampleId :

TP-46

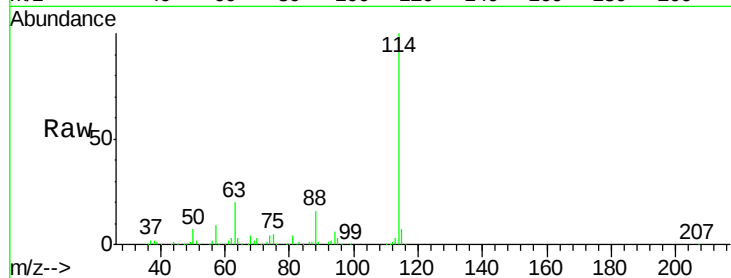
Tot Ion:114 Resp: 279114

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

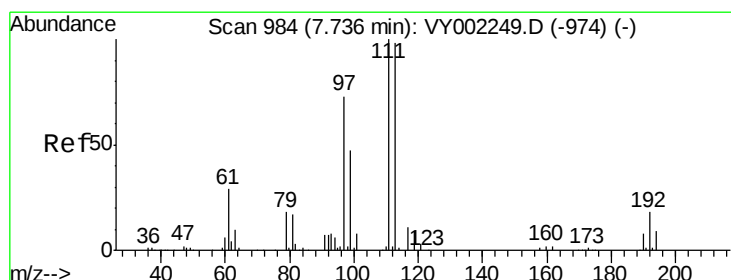
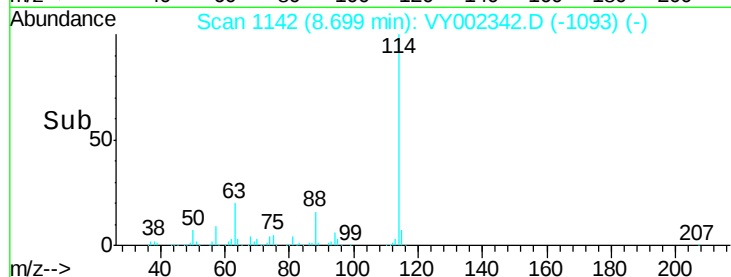
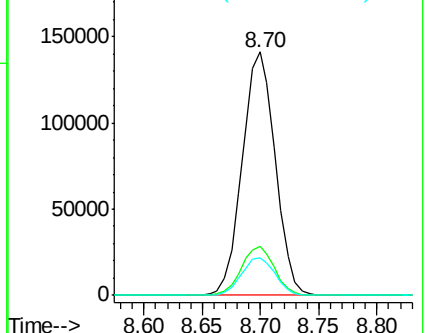
88 15.5 0.0 31.0



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: 50.170 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002342.D

Acq: 15 Apr 2020 17:12

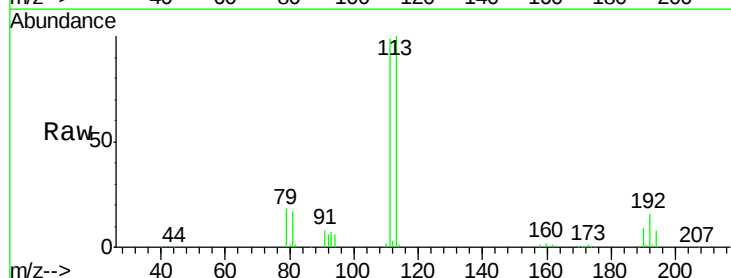
Tgt Ion:113 Resp: 83323

Ion Ratio Lower Upper

113 100

111 99.9 83.5 125.3

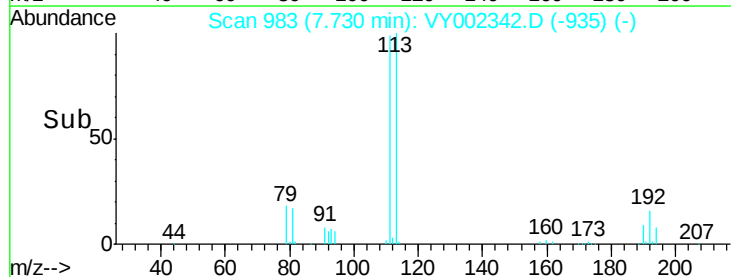
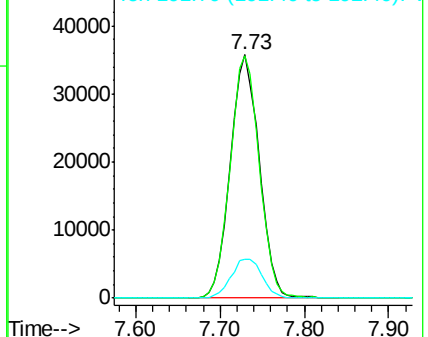
192 17.0 14.7 22.1

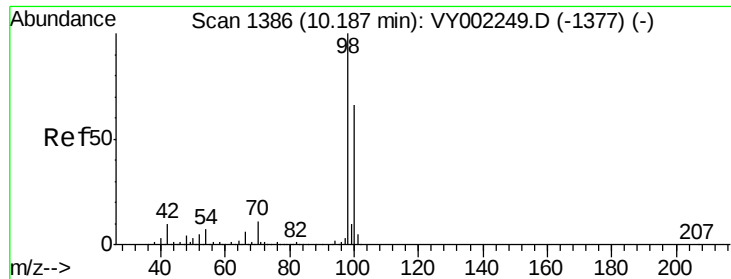


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.557 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002342.D

Acq: 15 Apr 2020 17:12

Instrument :

MSVOA_Y

ClientSampled :

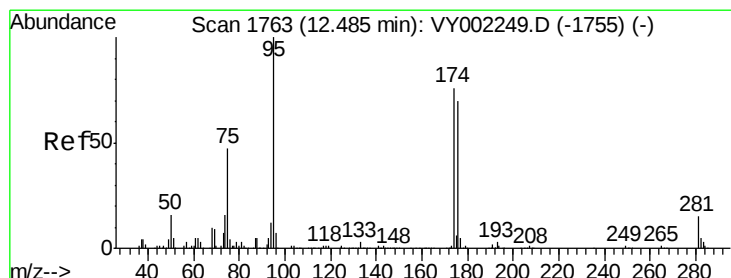
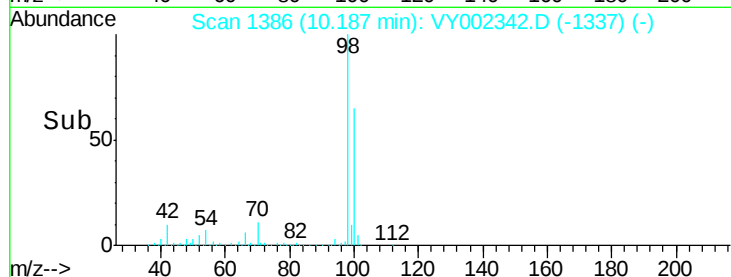
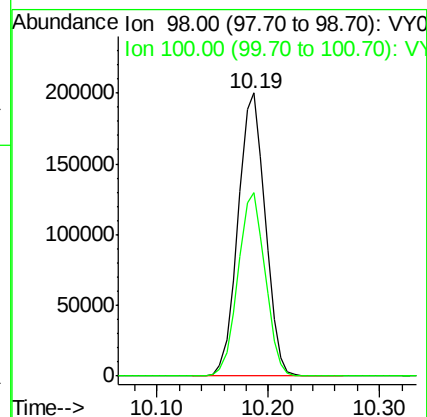
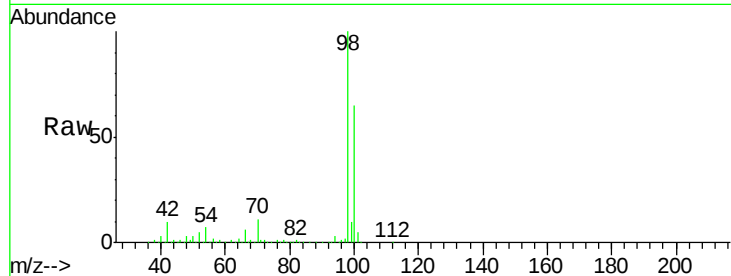
TP-46

Tot Ion: 98 Resp: 337543

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 41.537 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002342.D

Acq: 15 Apr 2020 17:12

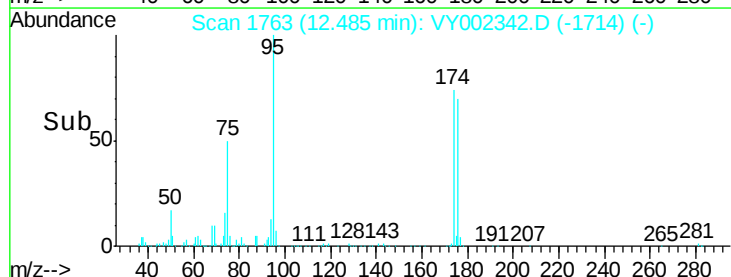
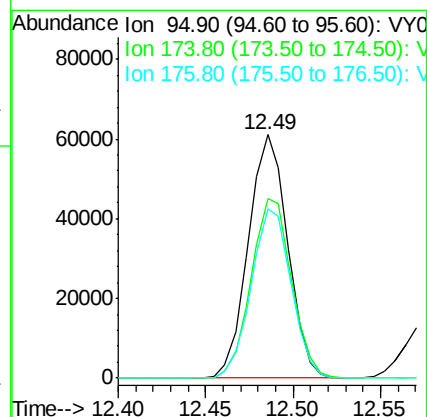
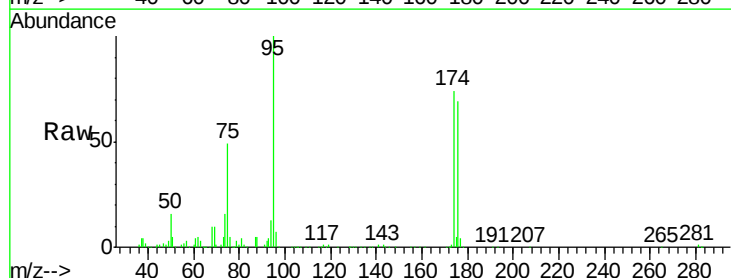
Tgt Ion: 95 Resp: 95261

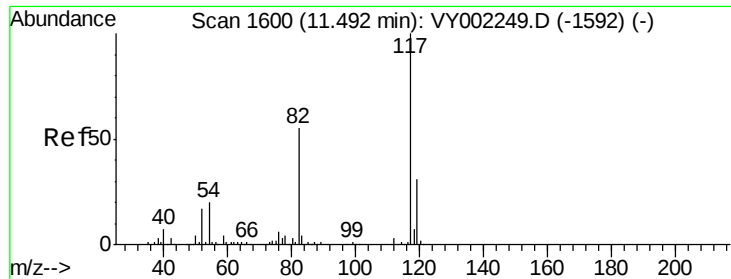
Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.6

176 70.9 0.0 141.4

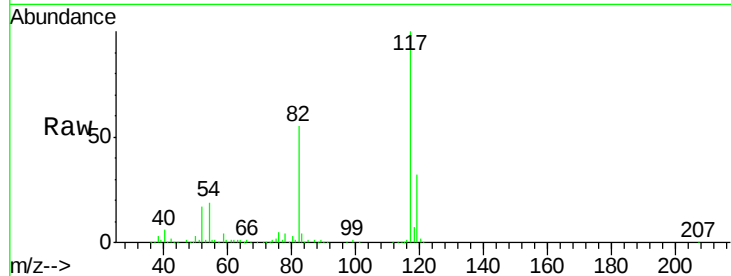




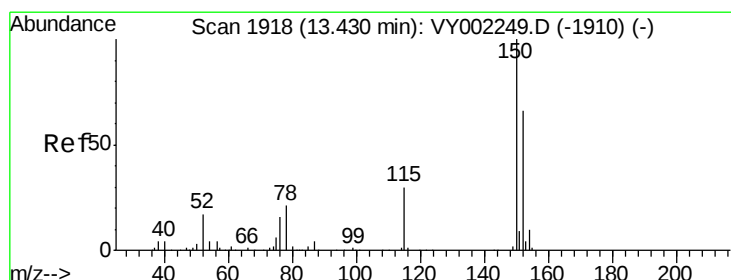
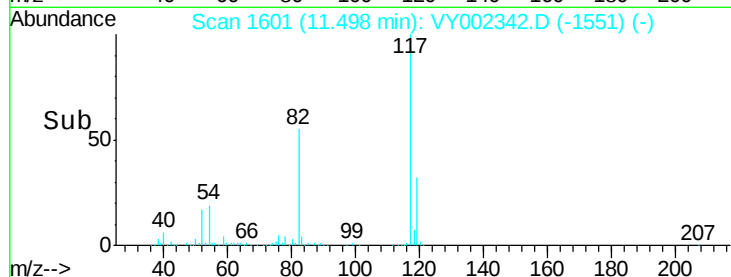
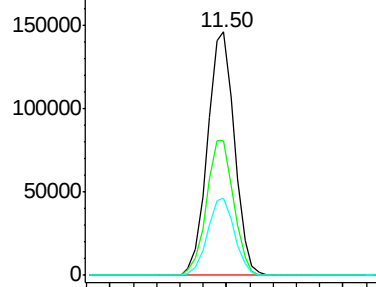
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002342.D
Acq: 15 Apr 2020 17:12

Instrument :
MSVOA_Y
ClientSampleId :
TP-46

Tot Ion:117 Resp: 235901
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.4
119 31.7 25.1 37.7

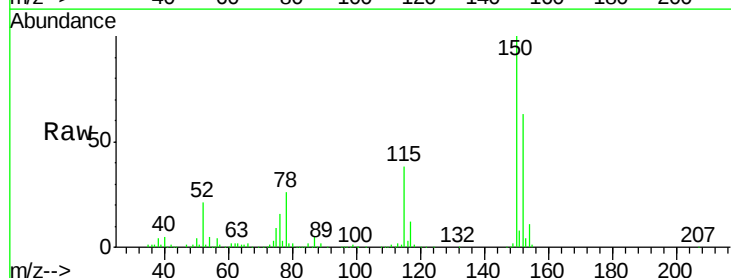


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002342.D
Acq: 15 Apr 2020 17:12

Tgt Ion:152 Resp: 83195
Ion Ratio Lower Upper
152 100
115 61.4 30.7 92.1
150 159.2 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

