

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002291.D
 Acq On : 13 Apr 2020 19:23
 Operator : SY/MD
 Sample : L2229-35
 Misc : 6.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Apr 14 09:30:03 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

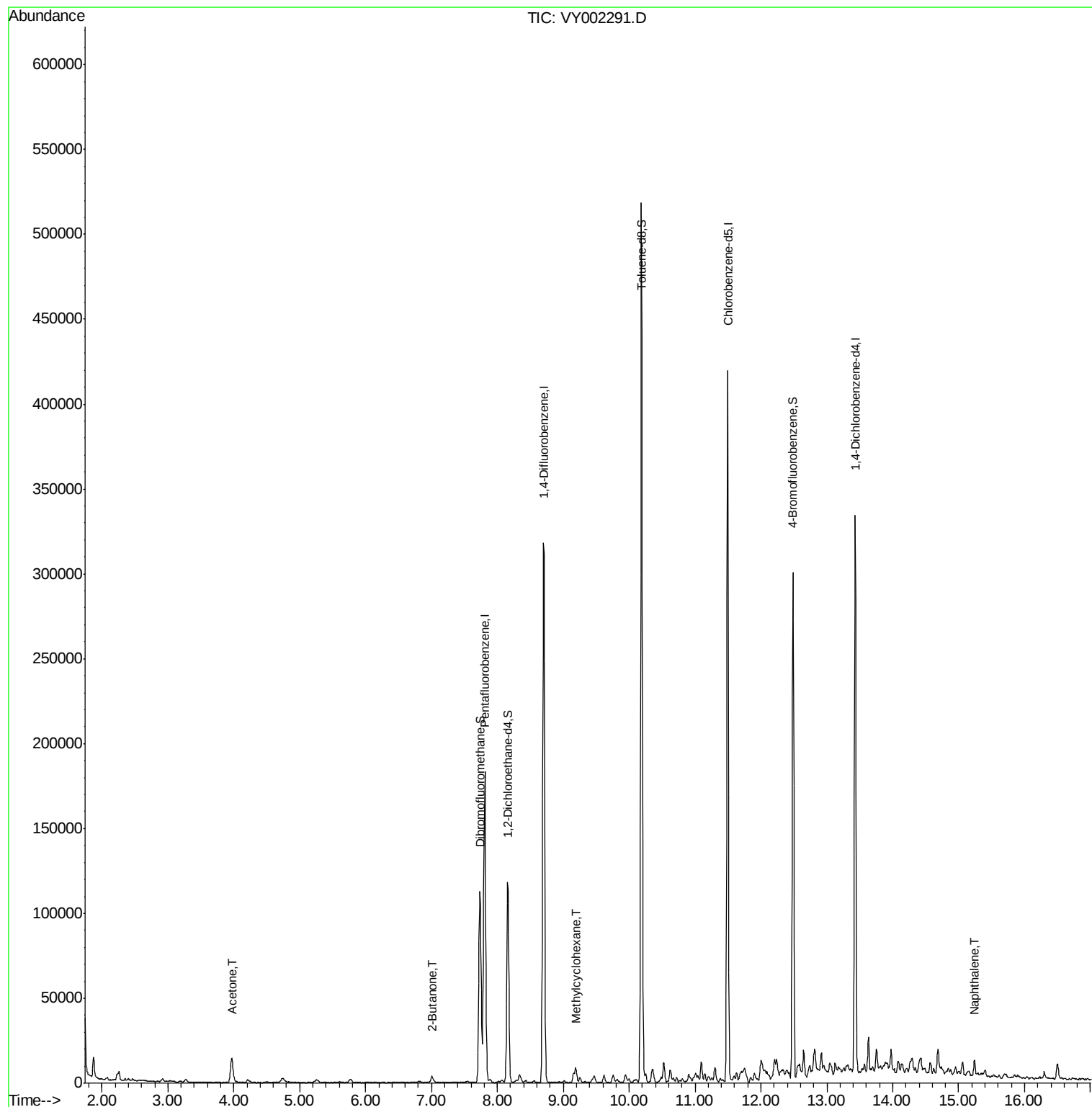
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	139504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	280819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	237737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	83446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	81652	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
35) Dibromofluoromethane	7.74	113	83496	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	10.19	98	338706	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.48	95	96263	41.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.44%	
Target Compounds						
16) Acetone	3.96	43	25533	62.488	ug/l	97
25) 2-Butanone	7.00	43	4962	7.673	ug/l	99
39) Methylcyclohexane	9.19	83	3907	1.038	ug/l #	88
95) Naphthalene	15.24	128	7716	2.123	ug/l	97

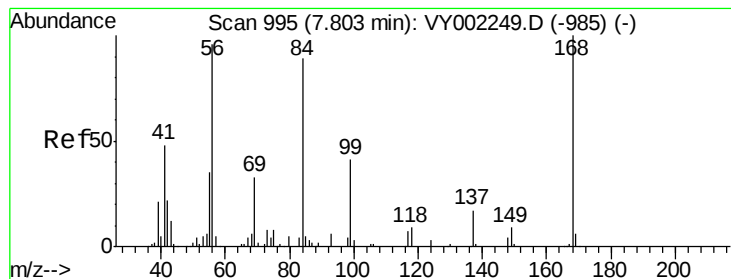
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002291.D

Acq: 13 Apr 2020 19:23

Instrument :

MSVOA_Y

ClientSampled :

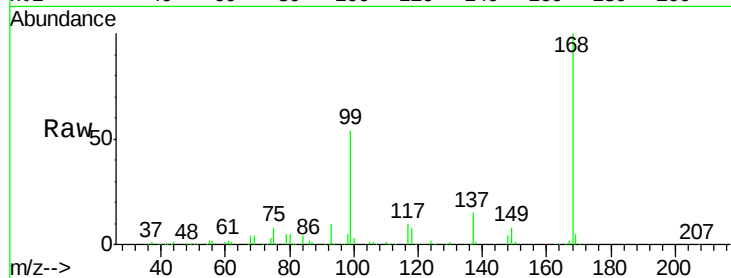
TP-2

Tot Ion:168 Resp: 139504

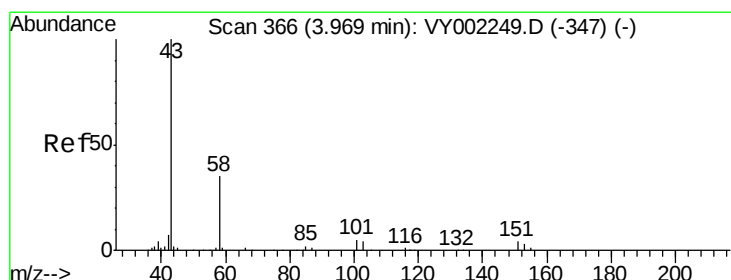
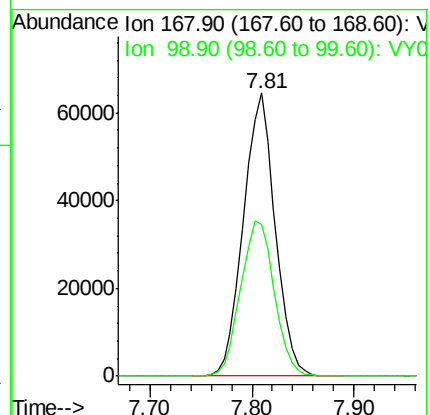
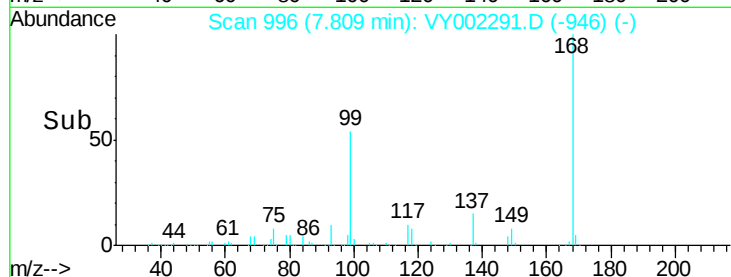
Ion Ratio Lower Upper

168 100

99 53.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002291.D (-946) (-)



#16

Acetone

Concen: 62.488 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002291.D

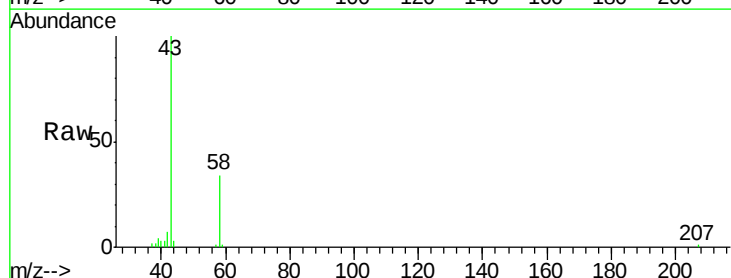
Acq: 13 Apr 2020 19:23

Tgt Ion: 43 Resp: 25533

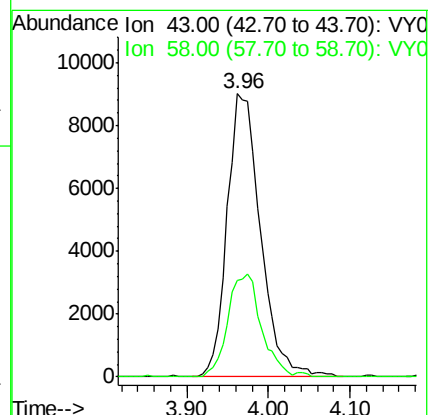
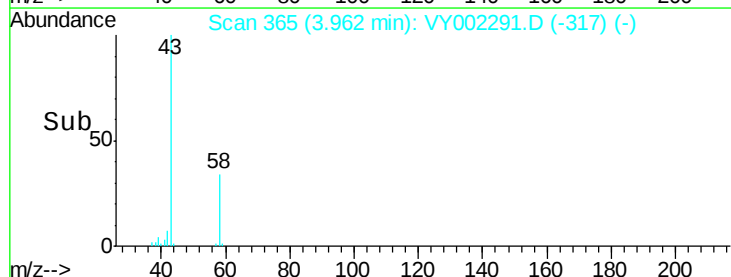
Ion Ratio Lower Upper

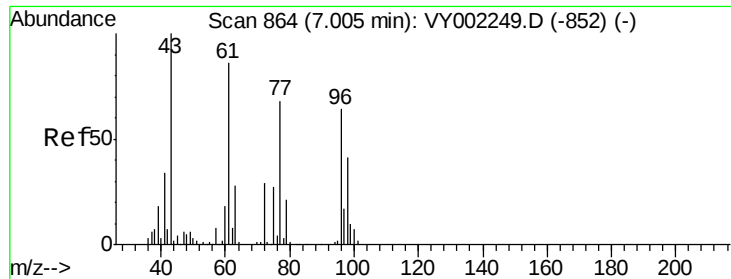
43 100

58 34.1 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002291.D (-317) (-)





#25

2-Butanone

Concen: 7.673 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002291.D

Acq: 13 Apr 2020 19:23

Instrument :

MSVOA_Y

ClientSampleId :

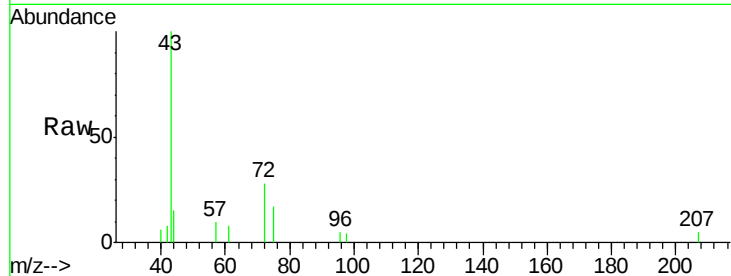
TP-2

Tot Ion: 43 Resp: 4962

Ion Ratio Lower Upper

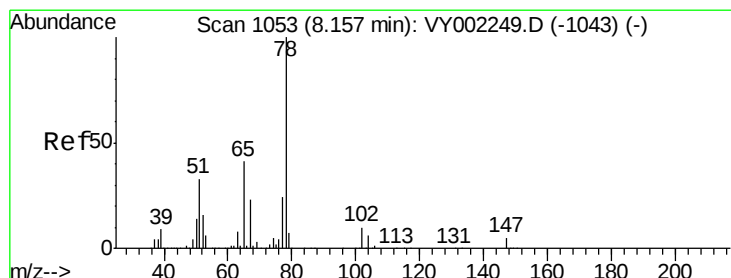
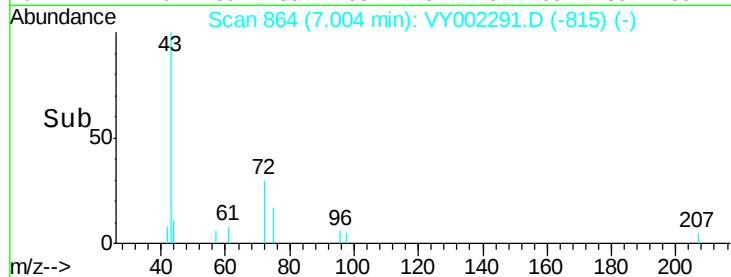
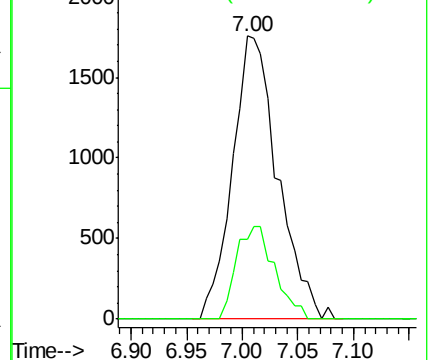
43 100

72 28.3 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: 52.632 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002291.D

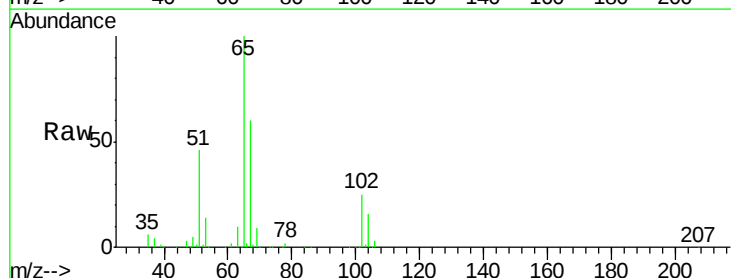
Acq: 13 Apr 2020 19:23

Tgt Ion: 65 Resp: 81652

Ion Ratio Lower Upper

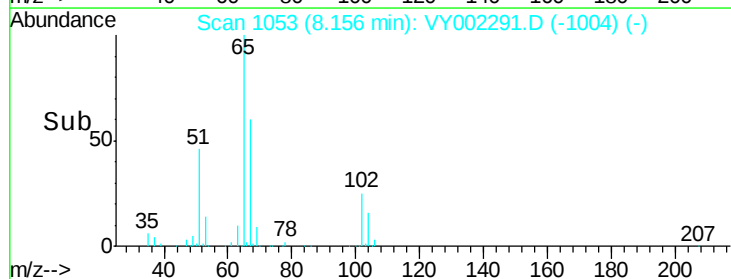
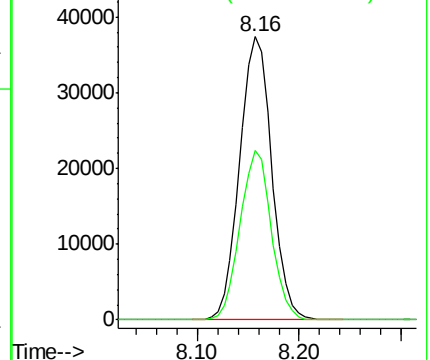
65 100

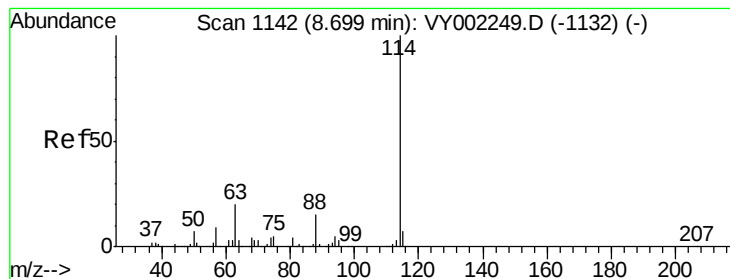
67 58.0 0.0 114.0



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: VY002291.D

Acq: 13 Apr 2020 19:23

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

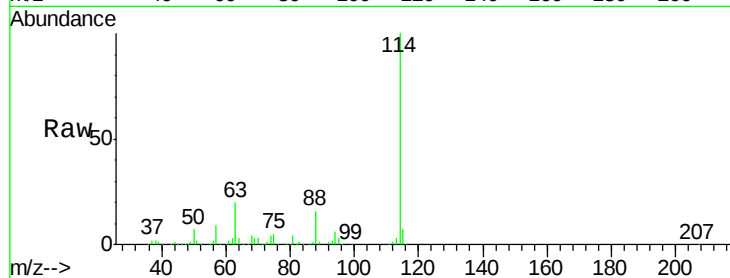
Tot Ion:114 Resp: 280819

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

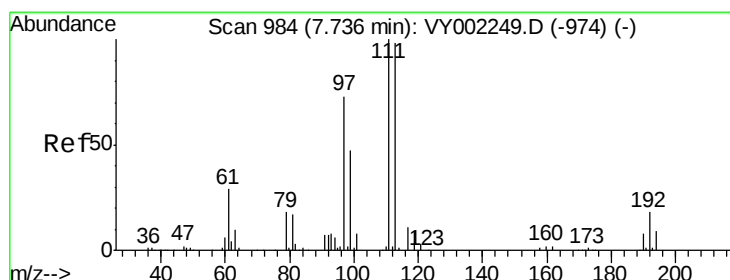
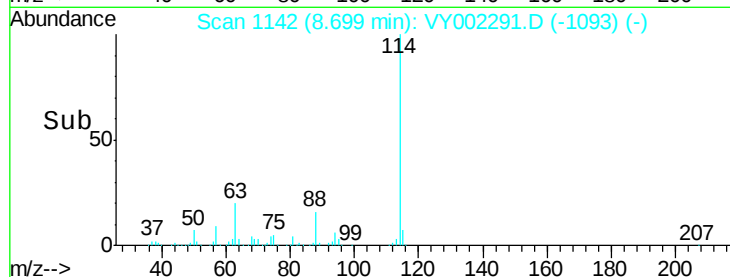
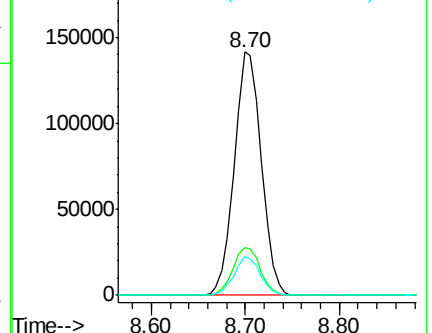
88 16.0 0.0 31.0



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: 49.969 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002291.D

Acq: 13 Apr 2020 19:23

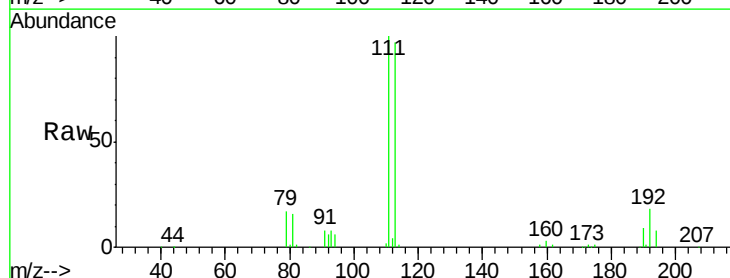
Tgt Ion:113 Resp: 83496

Ion Ratio Lower Upper

113 100

111 102.3 83.5 125.3

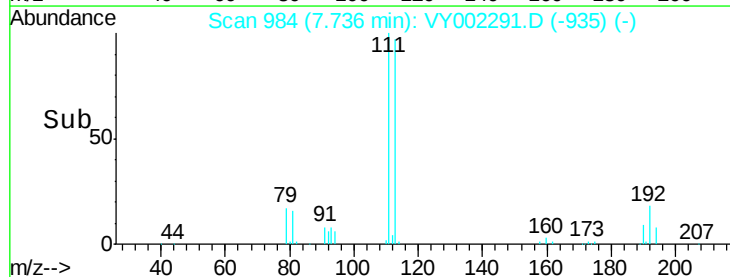
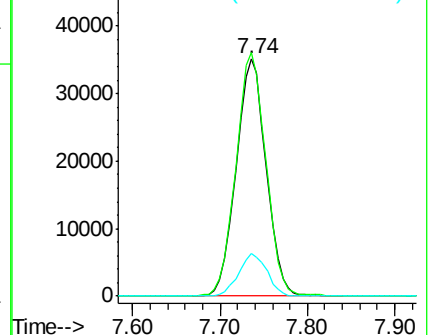
192 17.2 14.7 22.1

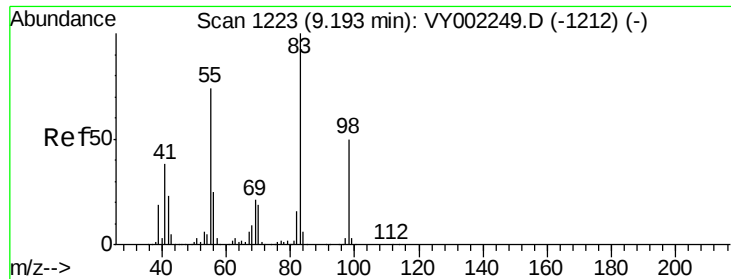


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

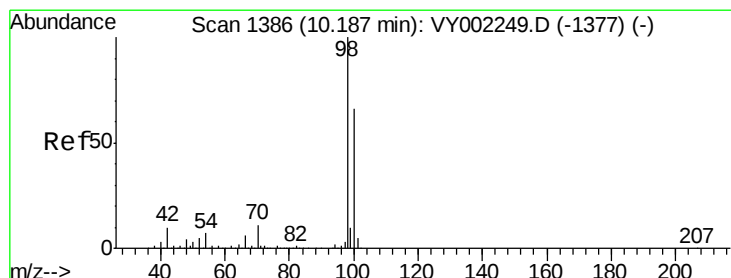
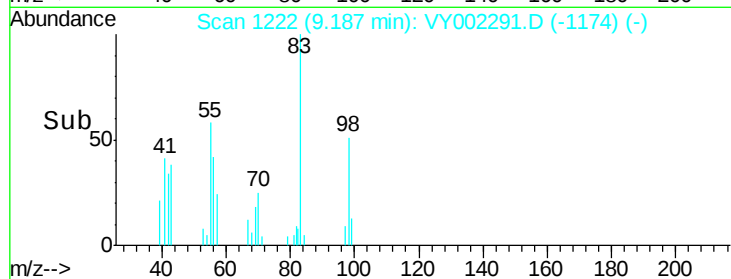
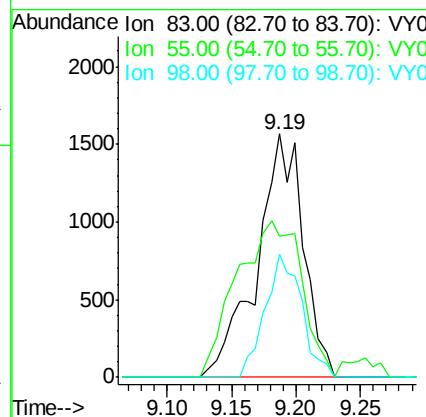
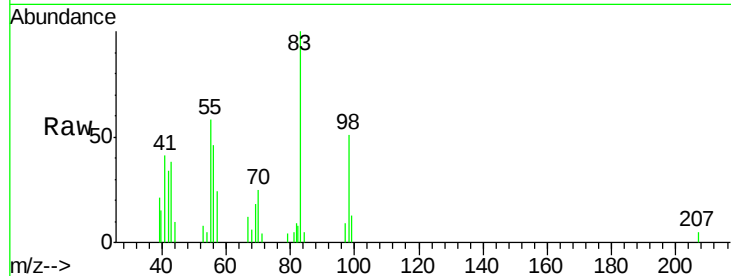




#39
Methvlcvclohexane
Concen: 1.038 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002291.D
Acq: 13 Apr 2020 19:23

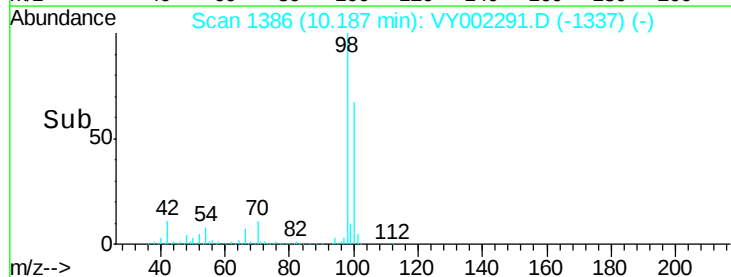
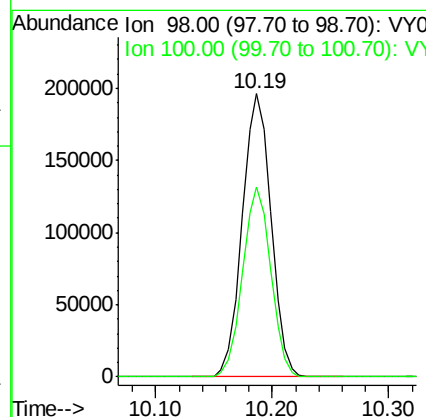
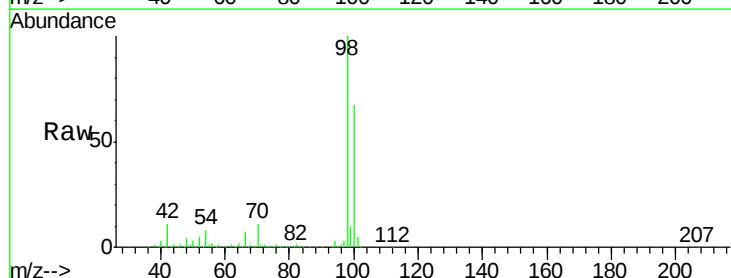
Instrument :
MSVOA_Y
ClientSampled :
TP-2

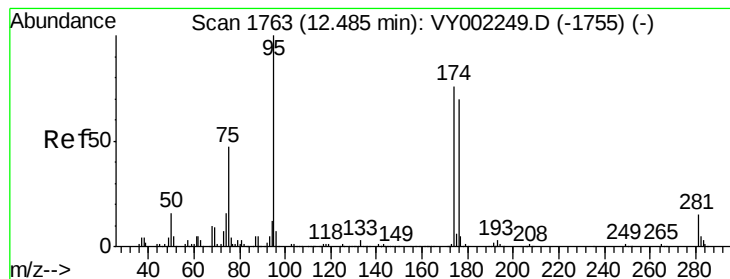
Tot Ion: 83 Resp: 3907
Ion Ratio Lower Upper
83 100
55 58.3 59.3 88.9#
98 50.9 39.6 59.4



#50
Toluene-d8
Concen: 48.428 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002291.D
Acq: 13 Apr 2020 19:23

Tgt Ion: 98 Resp: 338706
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 41.719 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002291.D

Acq: 13 Apr 2020 19:23

Instrument :

MSVOA_Y

ClientSampled :

TP-2

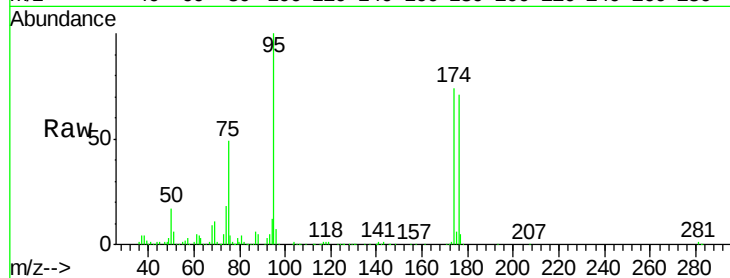
Tot Ion: 95 Resp: 96263

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.6

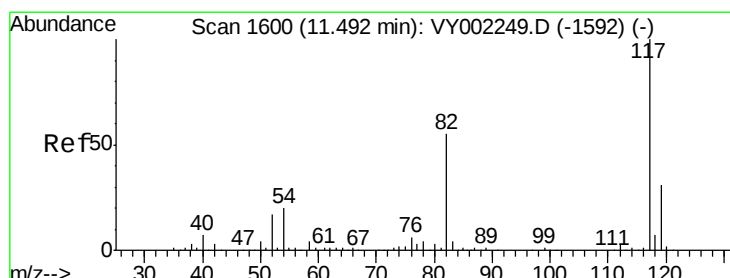
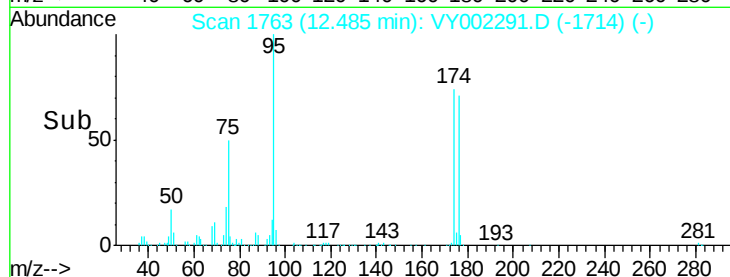
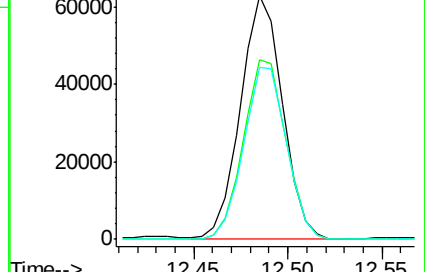
176 72.8 0.0 141.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002291.D

Acq: 13 Apr 2020 19:23

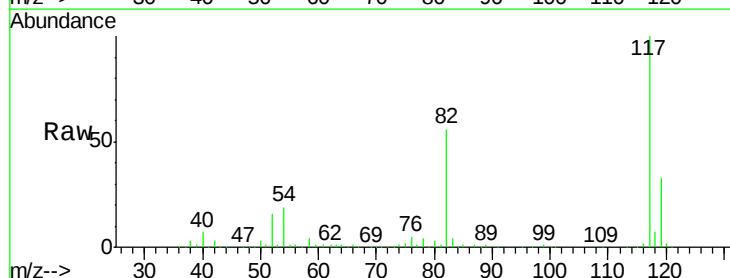
Tgt Ion: 117 Resp: 237737

Ion Ratio Lower Upper

117 100

82 56.3 44.2 66.4

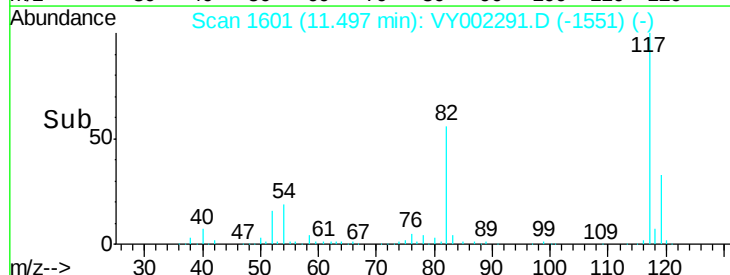
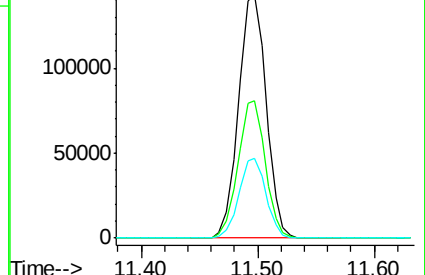
119 33.0 25.1 37.7

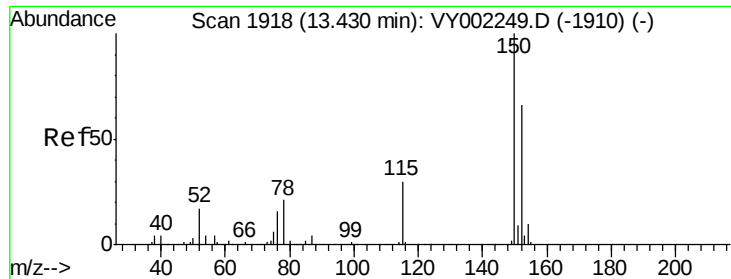


Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002291.D

Acq: 13 Apr 2020 19:23

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

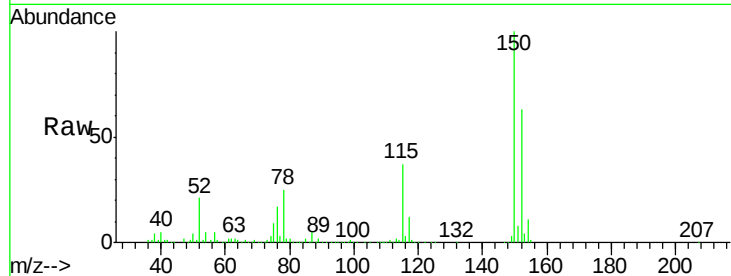
Tot Ion:152 Resp: 83446

Ion Ratio Lower Upper

152 100

115 59.1 30.7 92.1

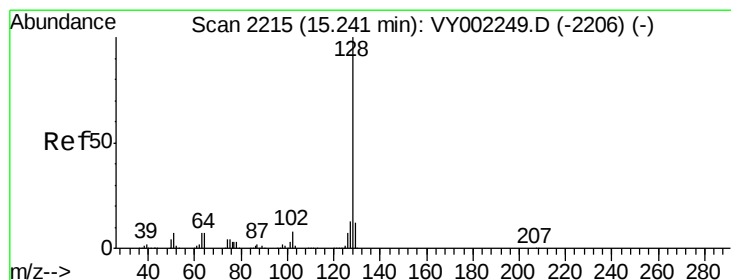
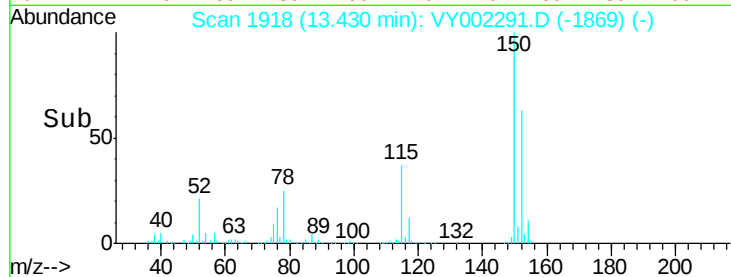
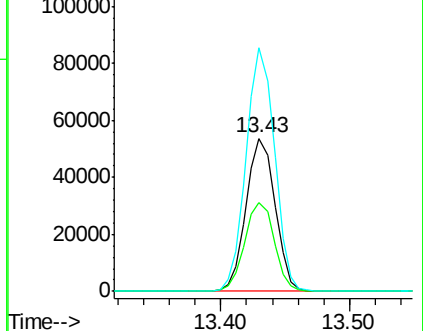
150 156.2 0.0 350.6



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



#95

Naphthalene

Concen: 2.123 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.00 min

Lab File: VY002291.D

Acq: 13 Apr 2020 19:23

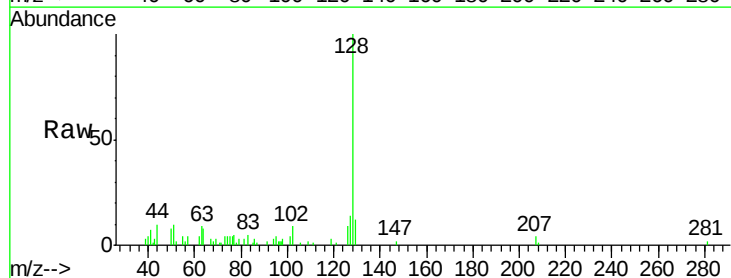
Tgt Ion:128 Resp: 7716

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 12.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

