

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002129.D
 Acq On : 31 Mar 2020 13:45
 Operator : SY/MD
 Sample : L2055-06
 Misc : 5.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-(1-3)

Quant Time: Mar 31 18:31:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

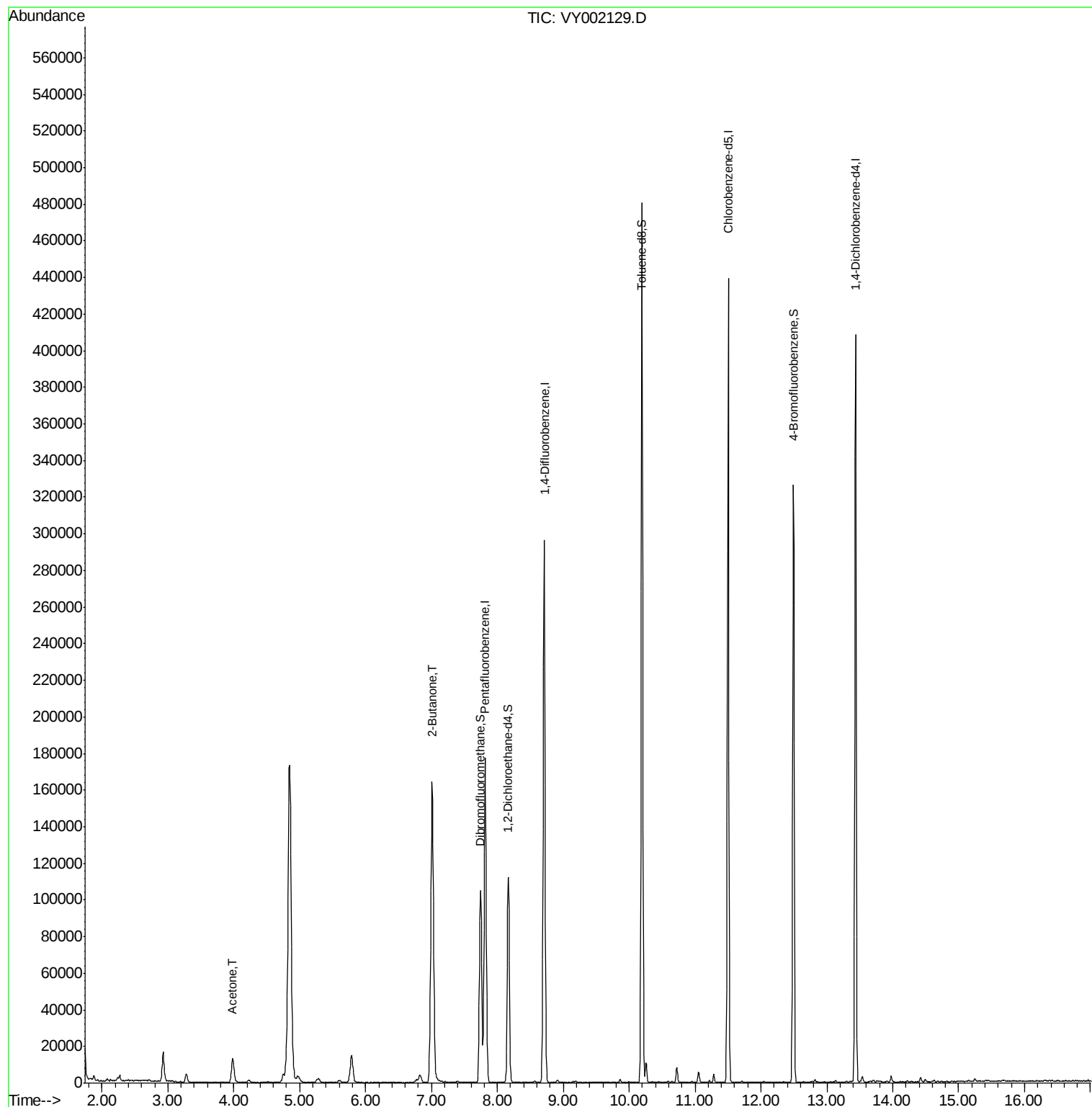
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	128079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	255381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	235525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	96833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	83919	59.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.54%	
35) Dibromofluoromethane	7.75	113	75018	52.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.86%	
50) Toluene-d8	10.19	98	311445	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.49	95	104525	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
Target Compounds						
16) Acetone	3.98	43	23207	58.340	ug/l	95
25) 2-Butanone	7.02	43	9522	15.589	ug/l #	82

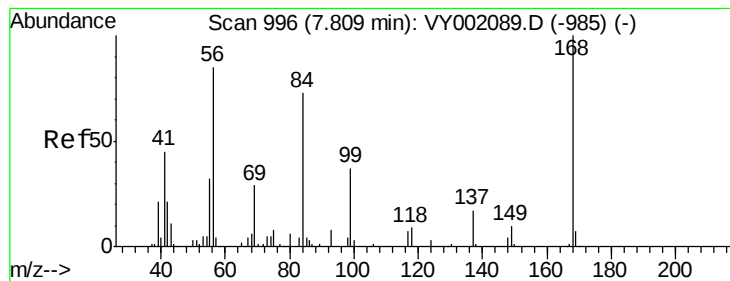
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002129.D

Acq: 31 Mar 2020 13:45

Instrument :

MSVOA_Y

ClientSampleId :

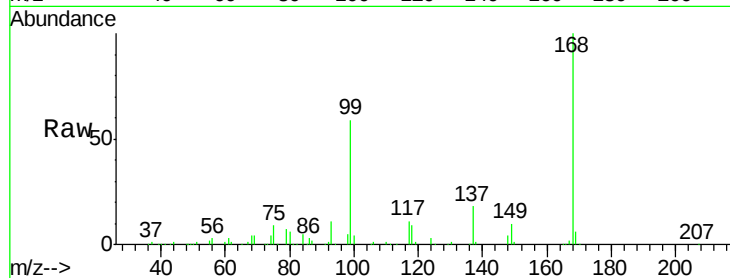
SB-10-(1-3)

Tot Ion:168 Resp: 128079

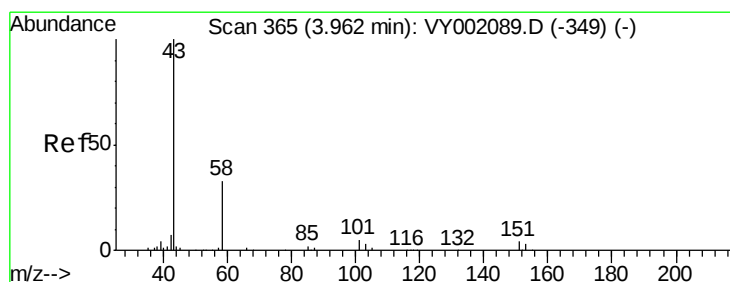
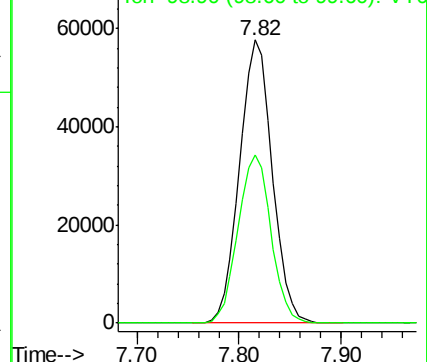
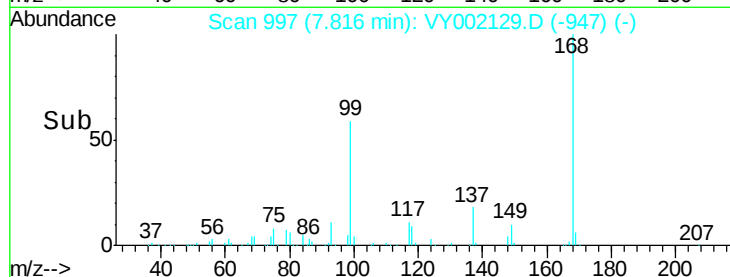
Ion Ratio Lower Upper

168 100

99 59.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002129.D (-947) (-)



#16

Acetone

Concen: 58.340 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002129.D

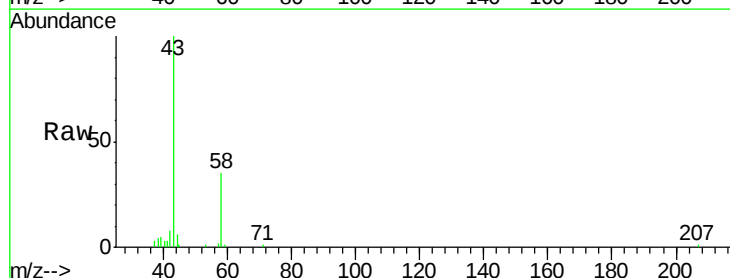
Acq: 31 Mar 2020 13:45

Tgt Ion: 43 Resp: 23207

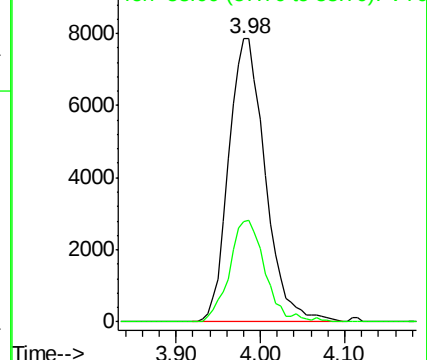
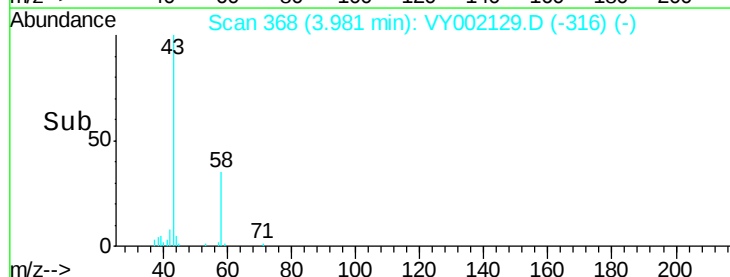
Ion Ratio Lower Upper

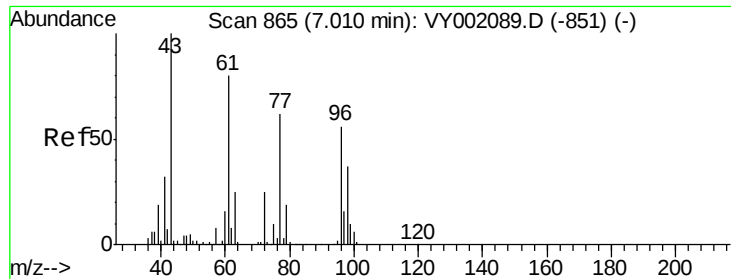
43 100

58 35.5 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002129.D (-316) (-)





#25

2-Butanone

Concen: 15.589 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002129.D

Acq: 31 Mar 2020 13:45

Instrument :

MSVOA_Y

ClientSampleId :

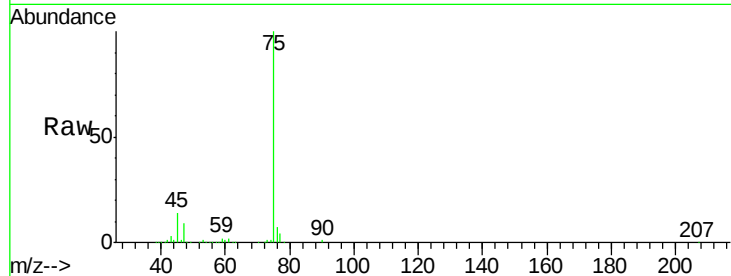
SB-10-(1-3)

Tot Ion: 43 Resp: 9522

Ion Ratio Lower Upper

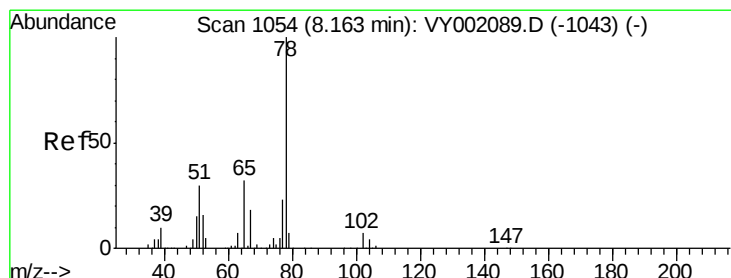
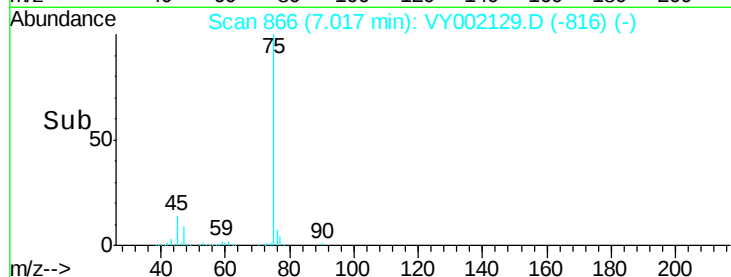
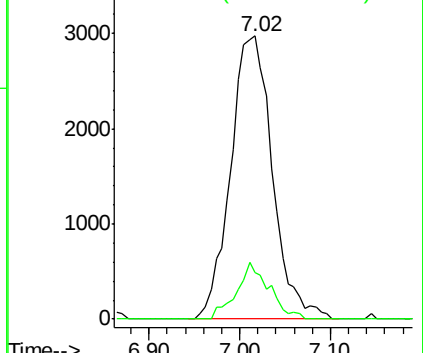
43 100

72 16.3 20.2 30.2#



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: 59.270 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002129.D

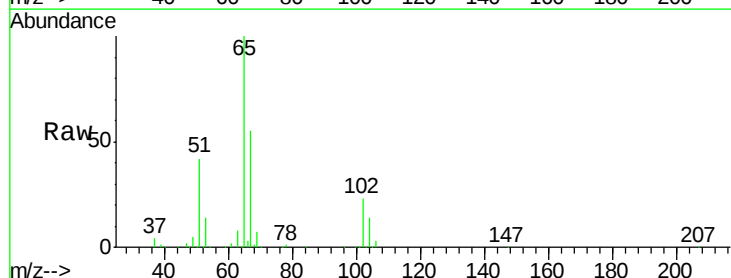
Acq: 31 Mar 2020 13:45

Tgt Ion: 65 Resp: 83919

Ion Ratio Lower Upper

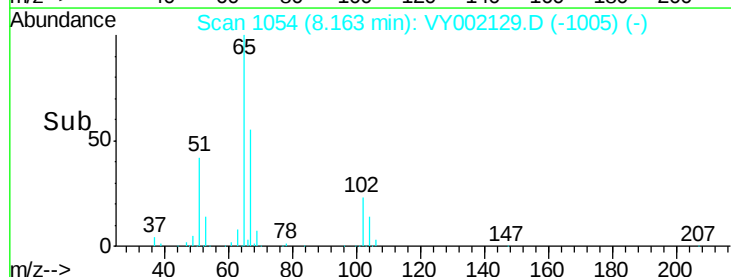
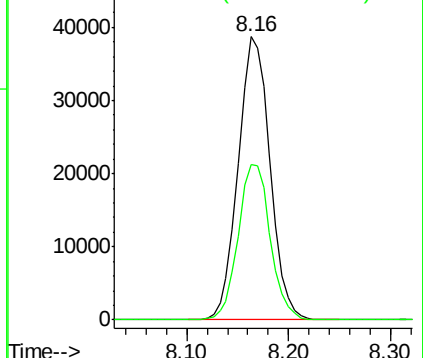
65 100

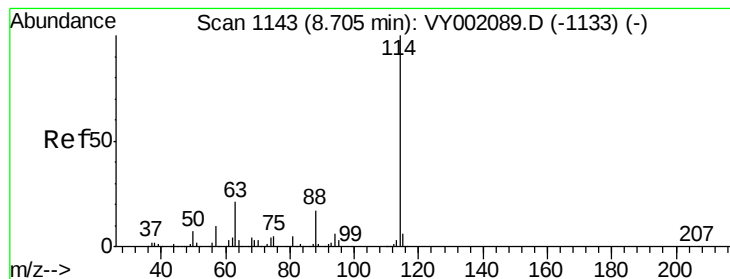
67 55.3 0.0 112.8



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: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002129.D

Acq: 31 Mar 2020 13:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-(1-3)

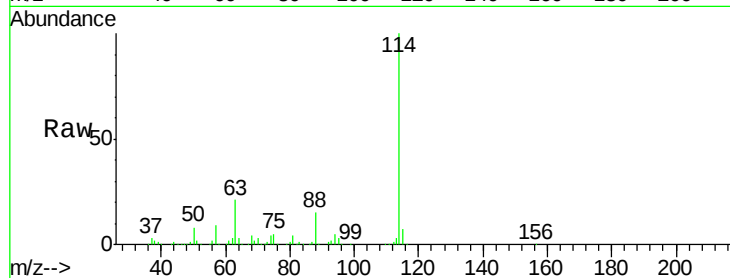
Tot Ion:114 Resp: 255381

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

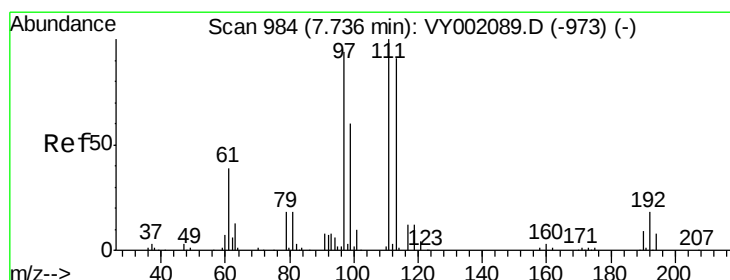
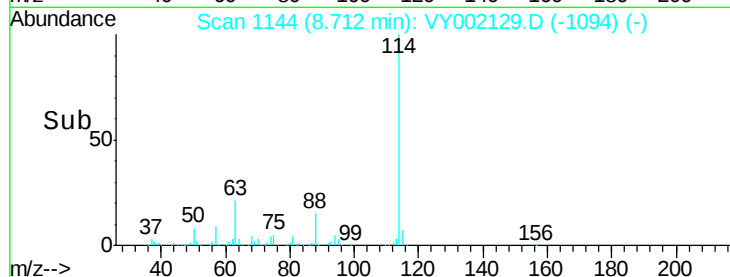
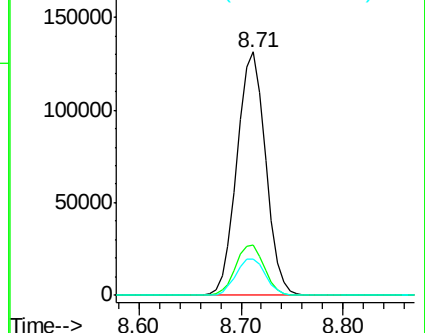
88 15.0 0.0 33.0



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: 52.426 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002129.D

Acq: 31 Mar 2020 13:45

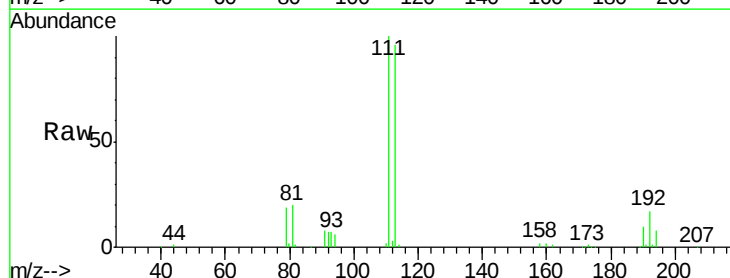
Tgt Ion:113 Resp: 75018

Ion Ratio Lower Upper

113 100

111 105.2 84.4 126.6

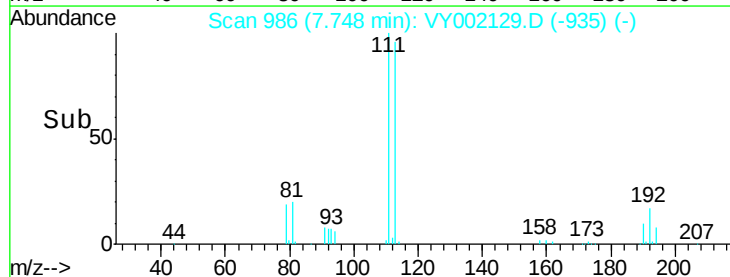
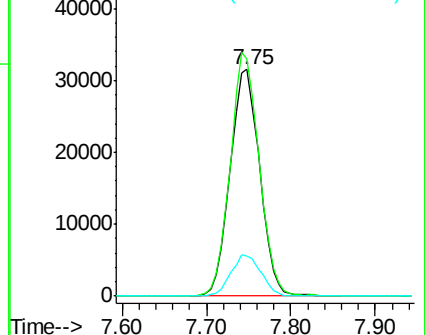
192 18.3 14.6 21.8

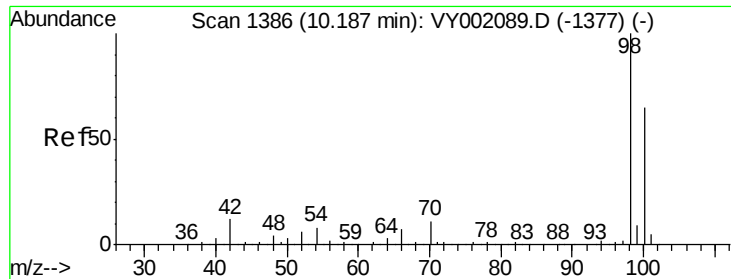


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.392 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002129.D

Acq: 31 Mar 2020 13:45

Instrument :

MSVOA_Y

ClientSampleId :

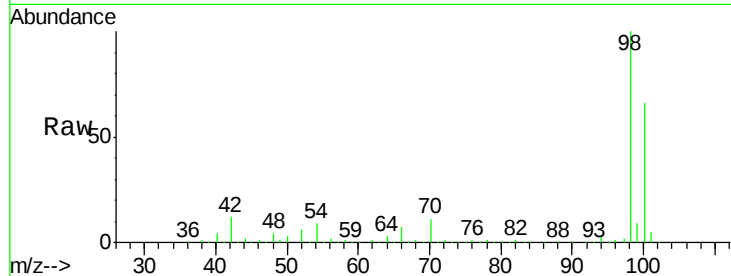
SB-10-(1-3)

Tot Ion: 98 Resp: 311445

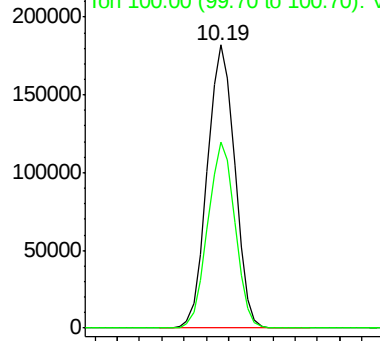
Ion Ratio Lower Upper

98 100

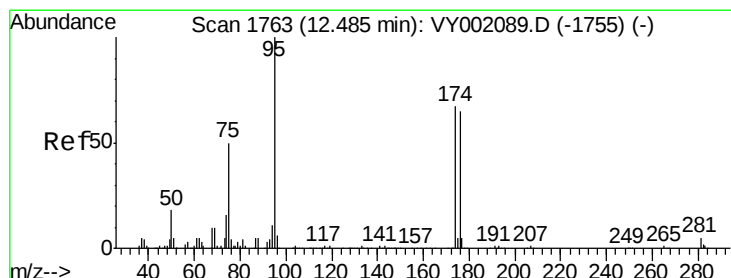
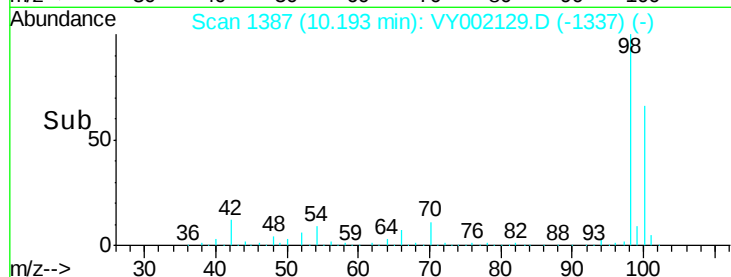
100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 50.277 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002129.D

Acq: 31 Mar 2020 13:45

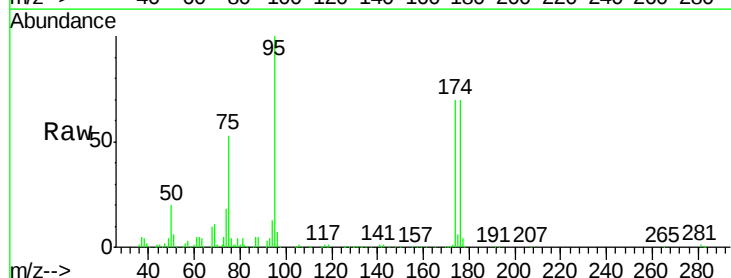
Tgt Ion: 95 Resp: 104525

Ion Ratio Lower Upper

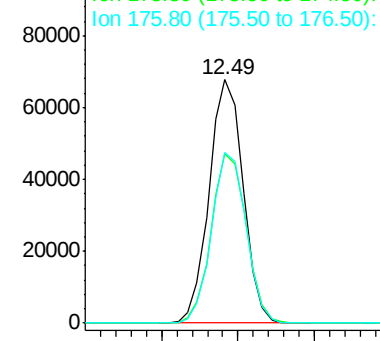
95 100

174 71.6 0.0 143.4

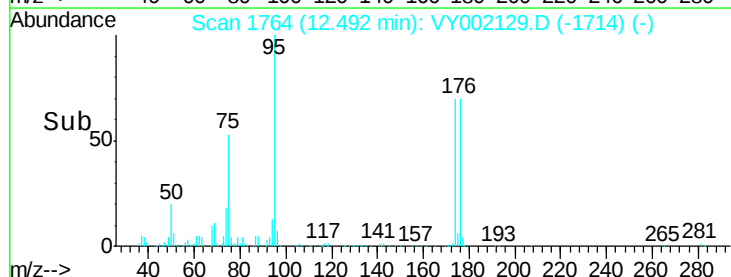
176 71.1 0.0 137.0

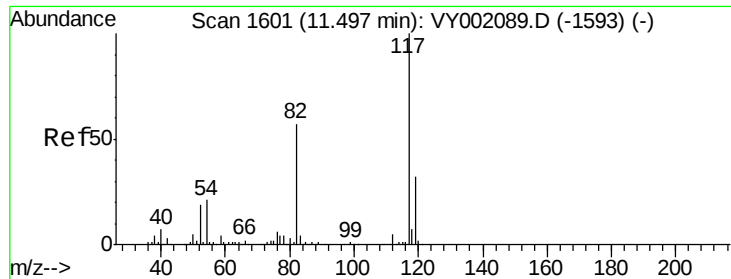


Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)



Time-->

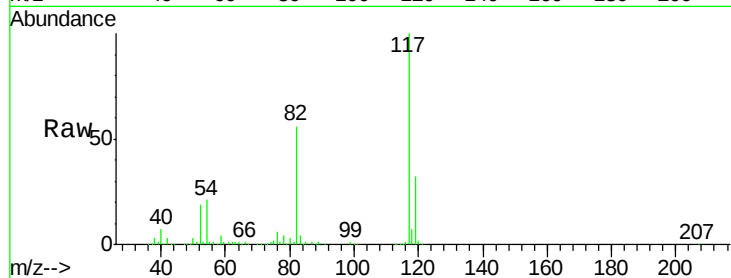




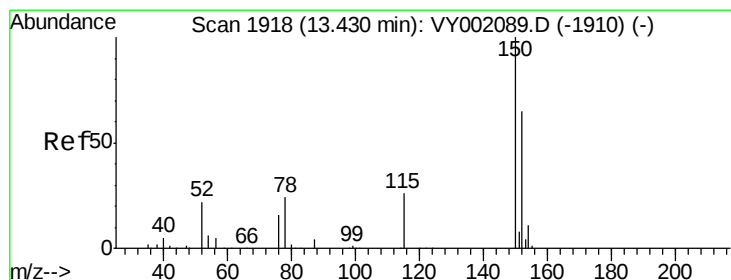
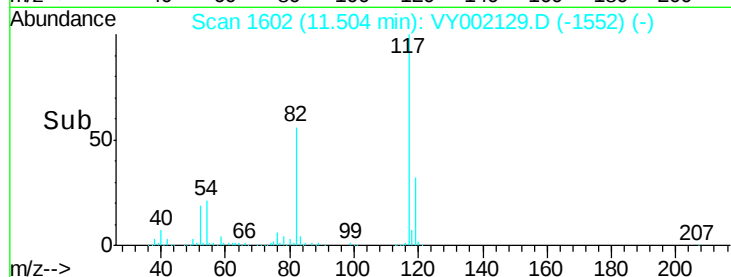
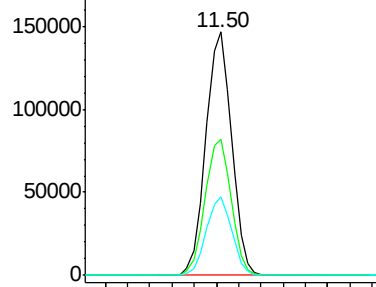
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002129.D
Acq: 31 Mar 2020 13:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-(1-3)

Tot Ion:117 Resp: 23525
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.2
119 32.1 25.3 37.9

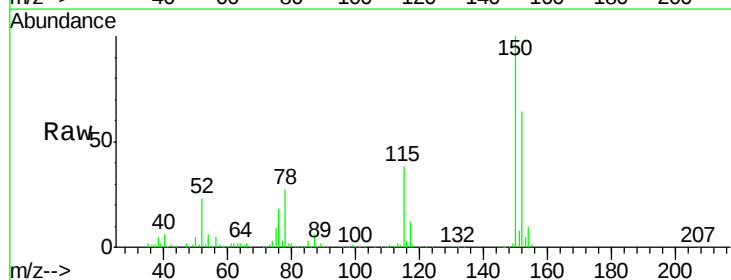


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002129.D
Acq: 31 Mar 2020 13:45

Tgt Ion:152 Resp: 96833
Ion Ratio Lower Upper
152 100
115 60.8 31.2 93.6
150 158.5 0.0 354.8



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

