

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002239.D
 Acq On : 06 Apr 2020 16:01
 Operator : SY/MD
 Sample : L2169-02
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 96ST-2

Quant Time: Apr 07 05:19:39 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

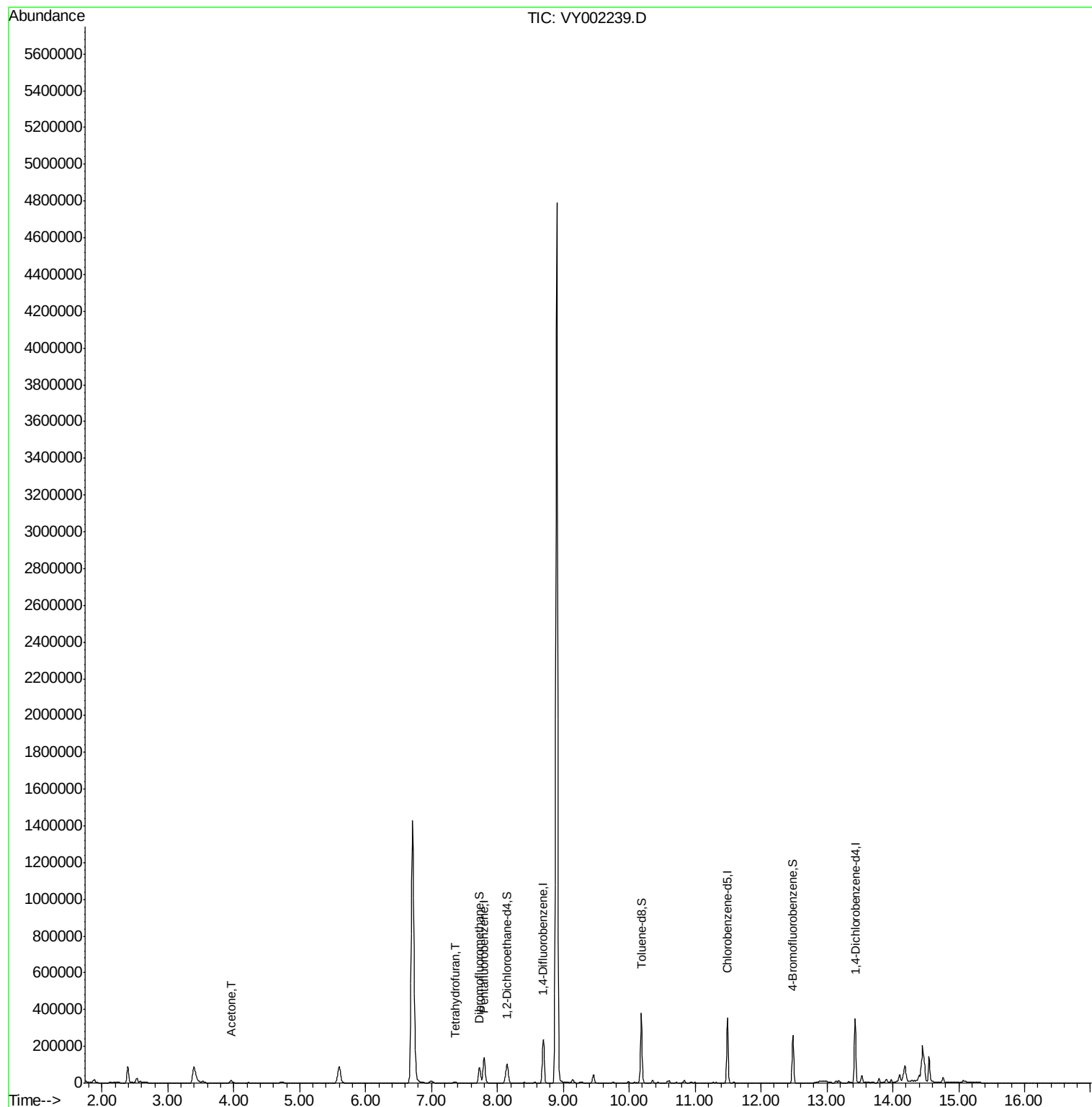
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	106507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	206077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	188346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	79336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	63097	53.59	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.18%	
35) Dibromofluoromethane	7.73	113	60516	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
50) Toluene-d8	10.18	98	251325	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.48	95	81641	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
Target Compounds						
16) Acetone	3.96	43	23222	70.201	ug/l	98
29) Tetrahydrofuran	7.36	42	3940	11.831	ug/l	97

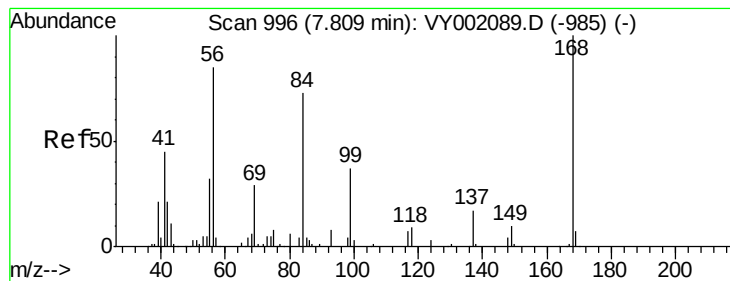
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002239.D

Acq: 06 Apr 2020 16:01

Instrument :

MSVOA_Y

ClientSampled :

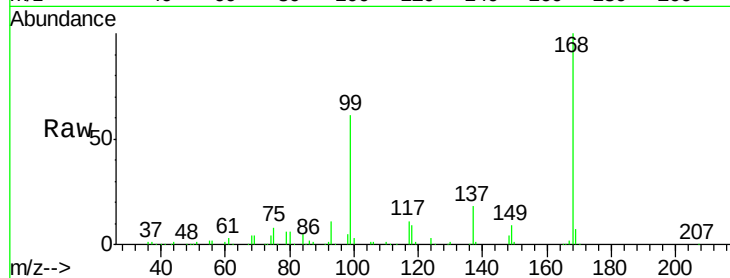
96ST-2

Tot Ion:168 Resp: 106507

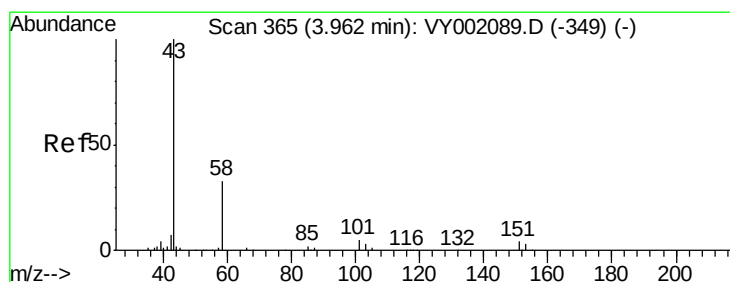
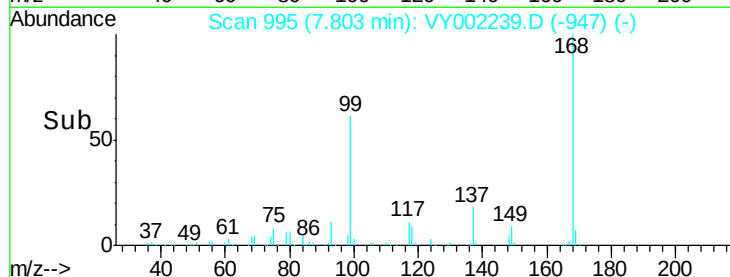
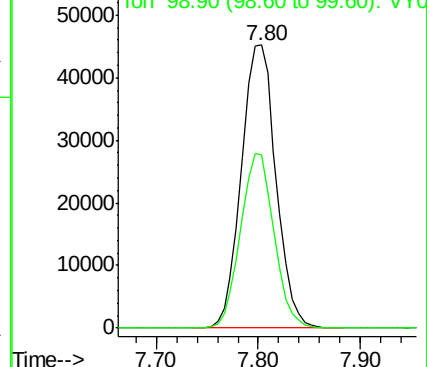
Ion Ratio Lower Upper

168 100

99 61.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002239.D (-947) (-)



#16

Acetone

Concen: 70.201 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002239.D

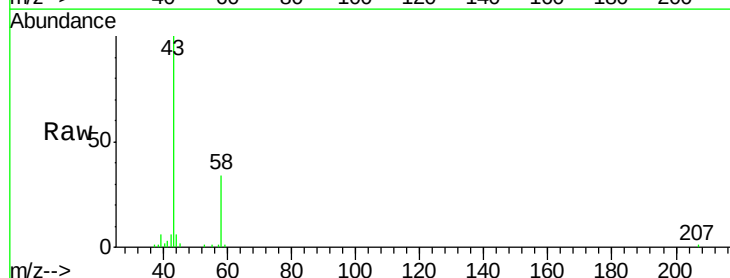
Acq: 06 Apr 2020 16:01

Tgt Ion: 43 Resp: 23222

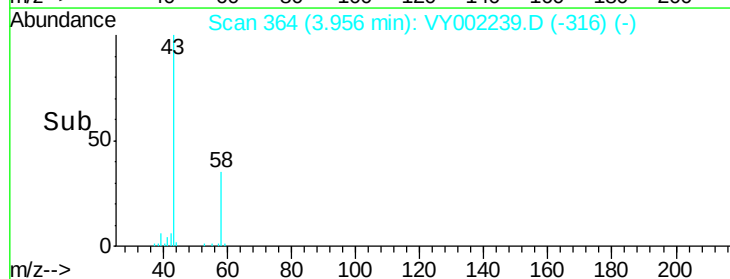
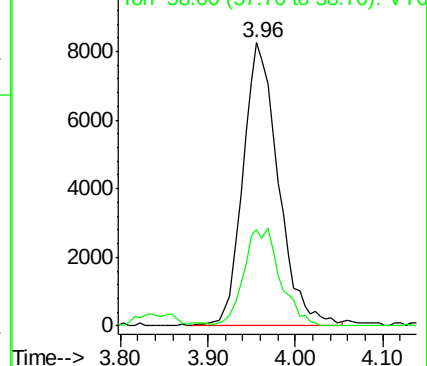
Ion Ratio Lower Upper

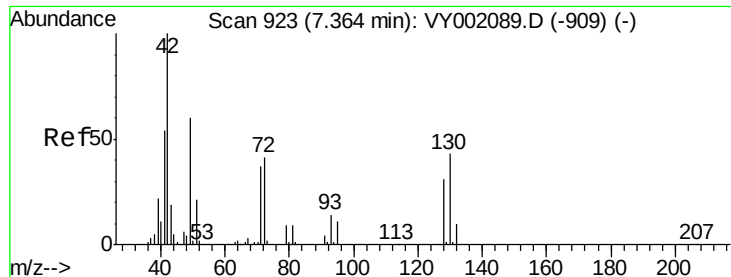
43 100

58 34.1 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002239.D (-316) (-)

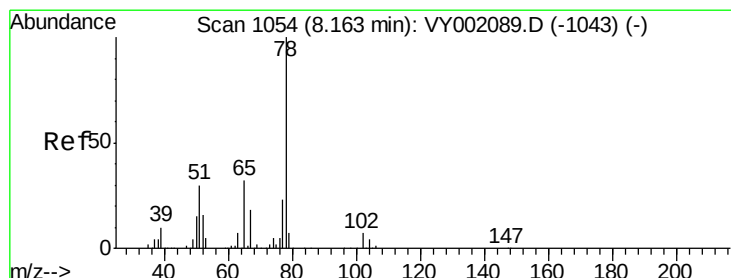
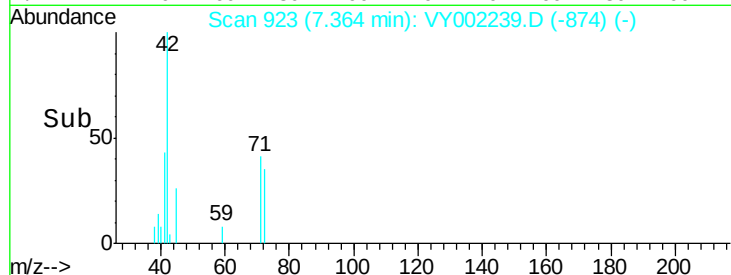
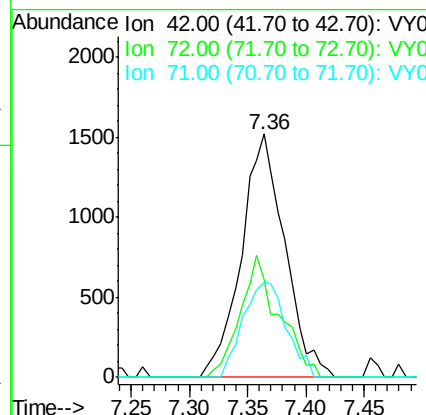
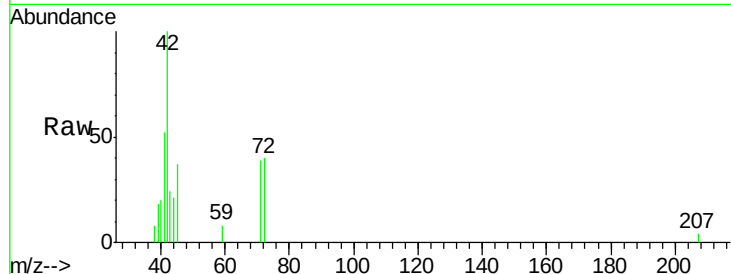




#29
Tetrahydrofuran
Concen: 11.831 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002239.D
Acq: 06 Apr 2020 16:01

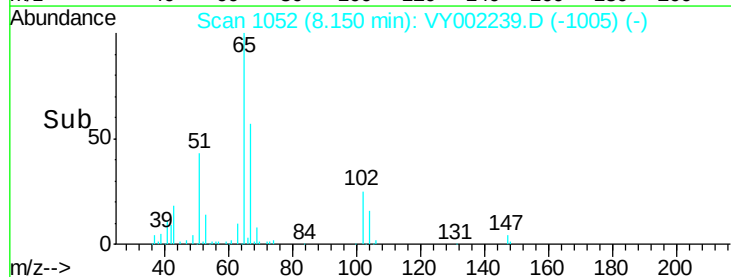
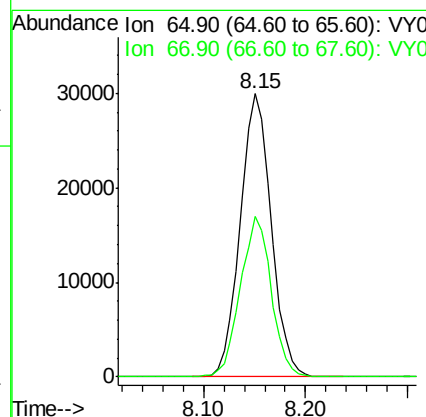
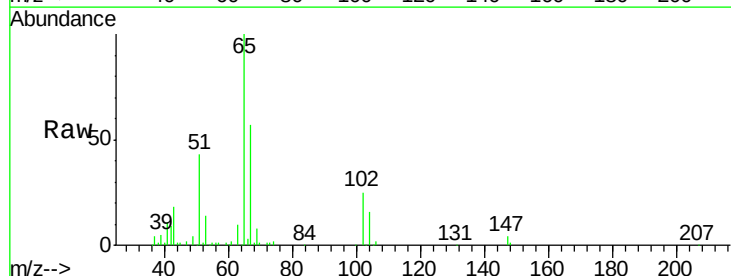
Instrument :
MSVOA_Y
ClientSampled :
96ST-2

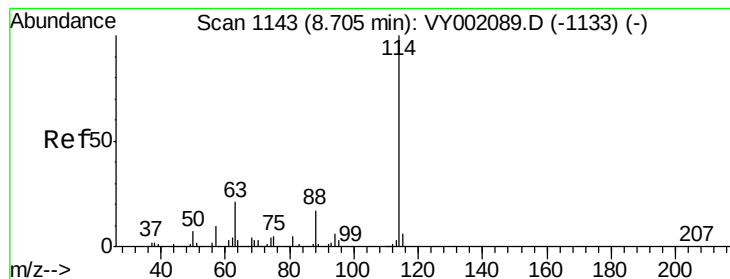
Tot Ion: 42 Resp: 3940
Ion Ratio Lower Upper
42 100
72 44.7 33.0 49.4
71 38.9 31.2 46.8



#33
1,2-Dichloroethane-d4
Concen: 53.590 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002239.D
Acq: 06 Apr 2020 16:01

Tgt Ion: 65 Resp: 63097
Ion Ratio Lower Upper
65 100
67 56.5 0.0 112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002239.D

Acq: 06 Apr 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

96ST-2

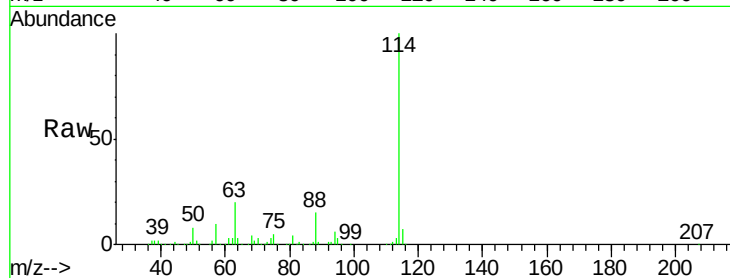
Tot Ion:114 Resp: 206077

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

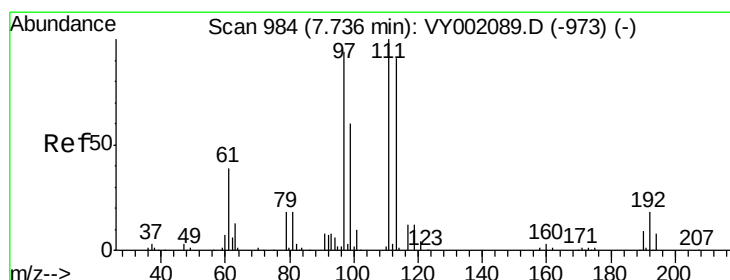
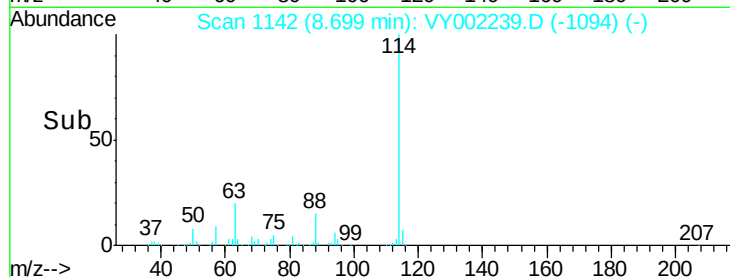
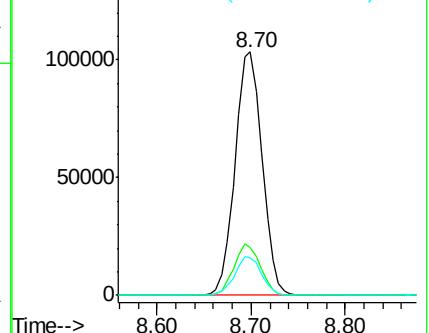
88 15.4 0.0 33.0



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: 52.409 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002239.D

Acq: 06 Apr 2020 16:01

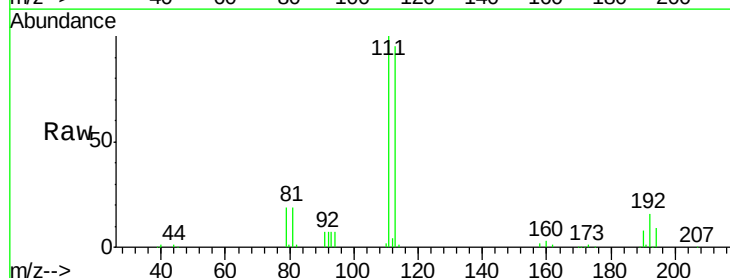
Tgt Ion:113 Resp: 60516

Ion Ratio Lower Upper

113 100

111 102.1 84.4 126.6

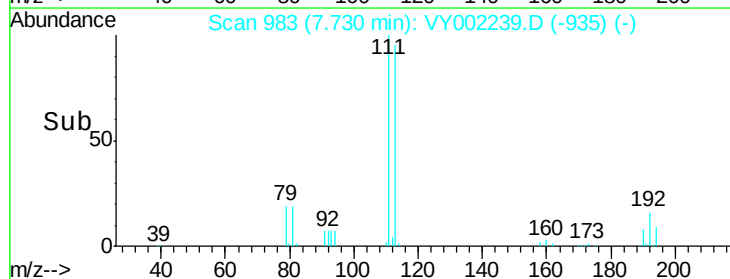
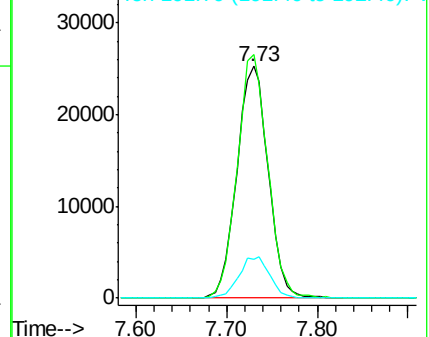
192 17.5 14.6 21.8

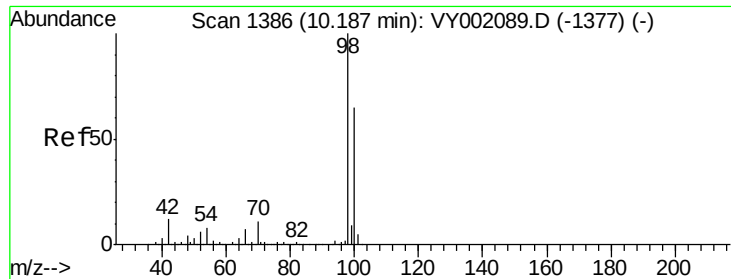


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.394 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002239.D

Acq: 06 Apr 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

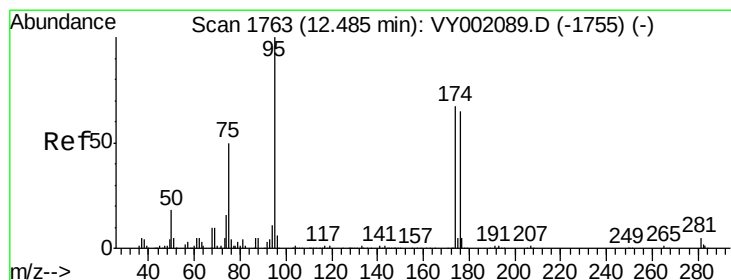
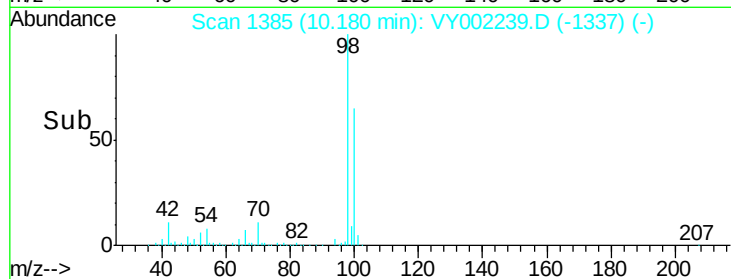
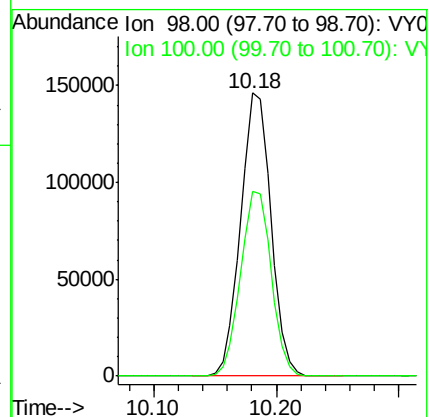
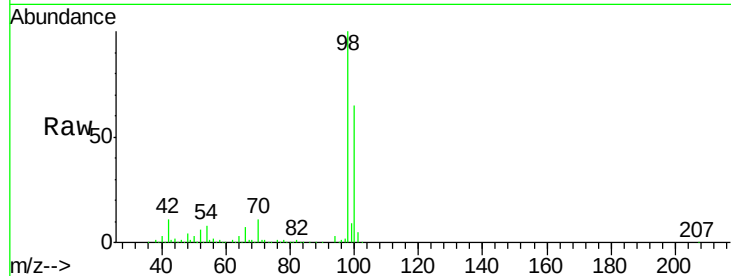
96ST-2

Tot Ion: 98 Resp: 251325

Ion Ratio Lower Upper

98 100

100 66.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 48.665 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002239.D

Acq: 06 Apr 2020 16:01

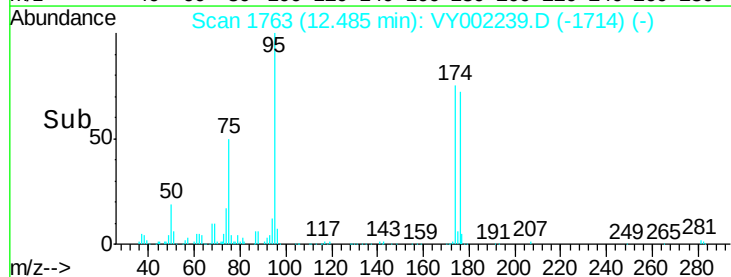
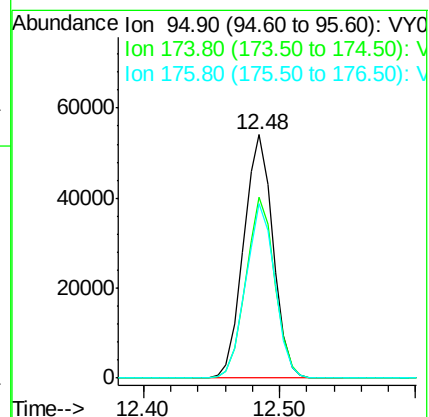
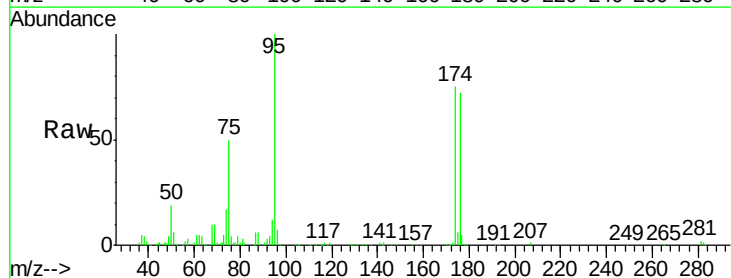
Tgt Ion: 95 Resp: 81641

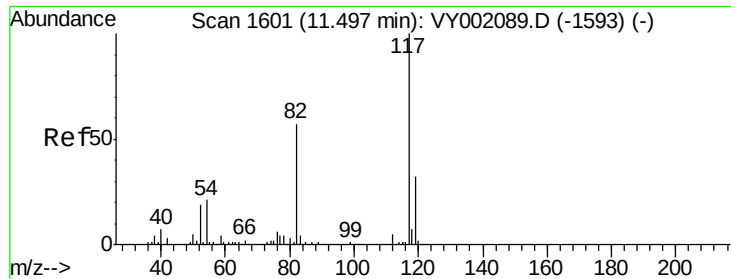
Ion Ratio Lower Upper

95 100

174 73.0 0.0 143.4

176 71.0 0.0 137.0

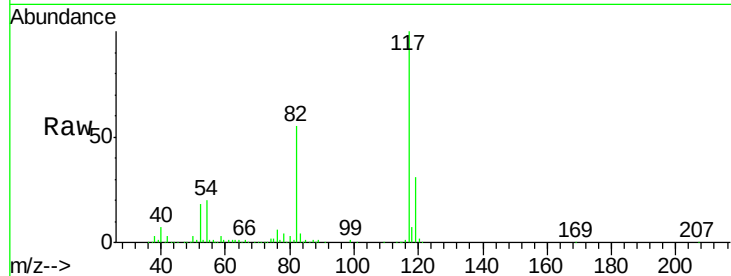




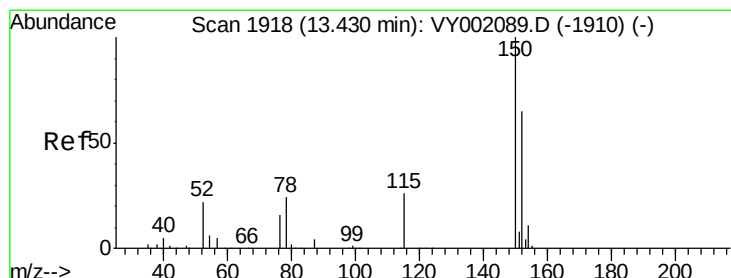
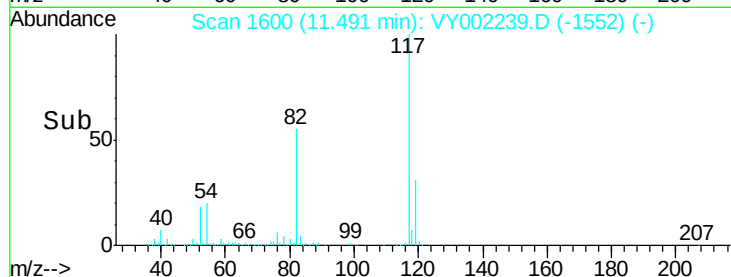
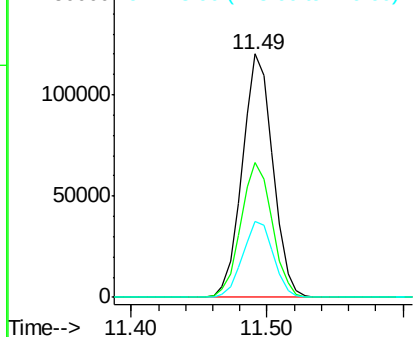
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002239.D
Acq: 06 Apr 2020 16:01

Instrument :
MSVOA_Y
ClientSampleId :
96ST-2

Tot Ion:117 Resp: 188346
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 31.3 25.3 37.9

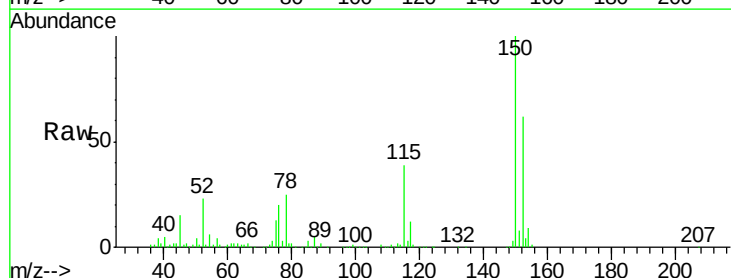


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002239.D
Acq: 06 Apr 2020 16:01

Tgt Ion:152 Resp: 79336
Ion Ratio Lower Upper
152 100
115 62.5 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

