

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002684.D
 Acq On : 13 May 2020 15:02
 Operator : SY/MD
 Sample : L2636-03
 Misc : 4.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AST-3

Quant Time: May 14 08:08:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

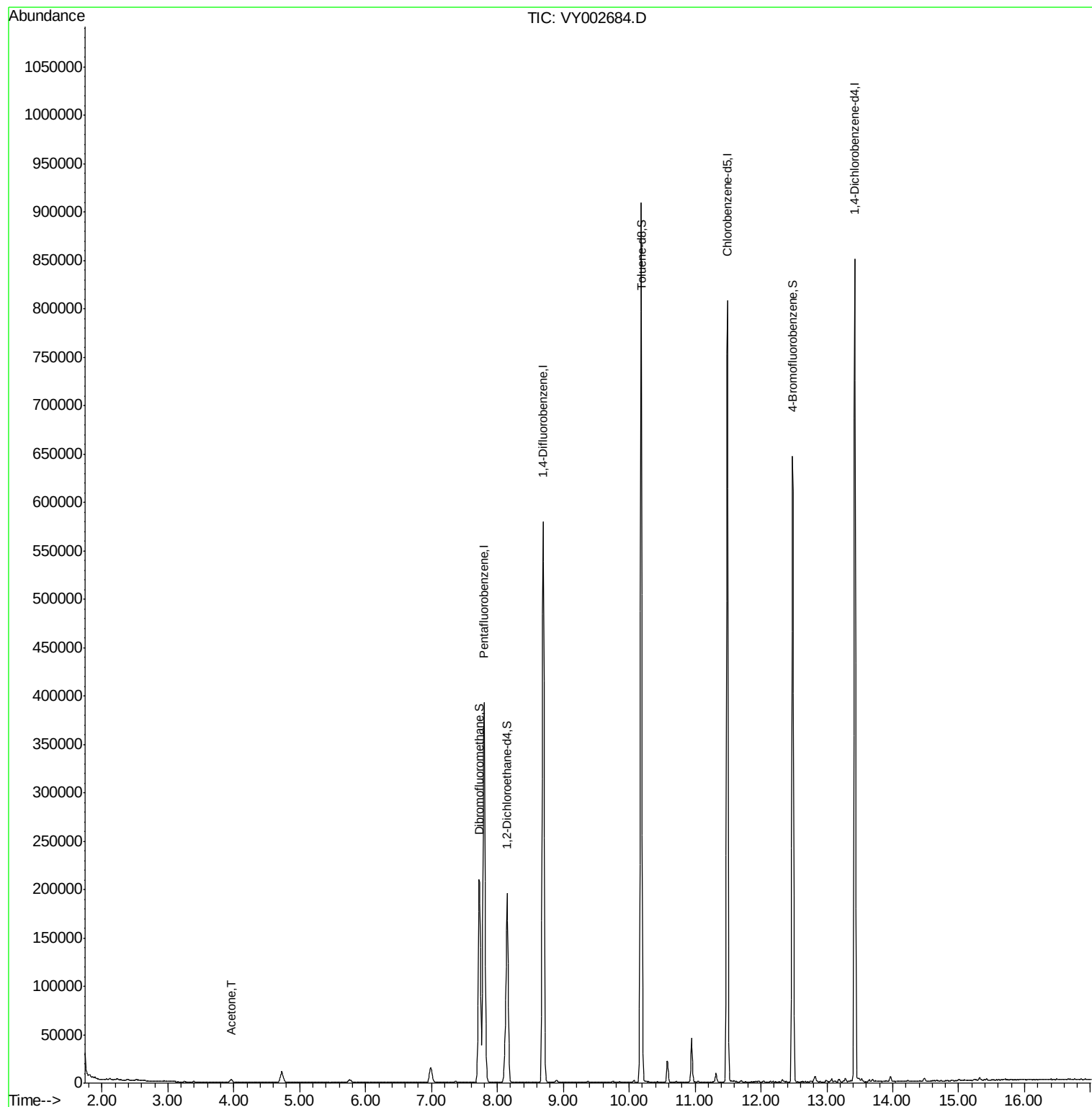
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	334694	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	519347	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	466578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	228199	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	137984	49.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	7.72	113	153310	51.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.24%	
50) Toluene-d8	10.18	98	608585	52.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.48	95	196614	49.96	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.92%	
Target Compounds						
16) Acetone	3.96	43	5133	8.838	ug/l #	Qvalue 83

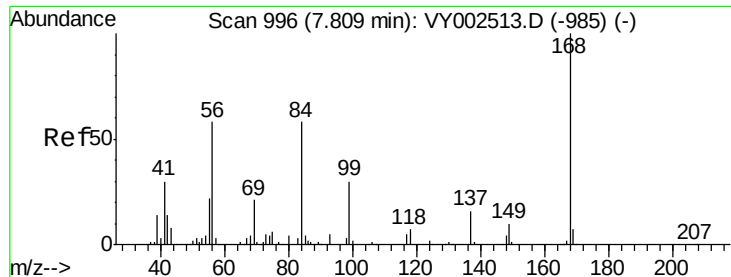
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002684.D

Acq: 13 May 2020 15:02

Instrument :

MSVOA_Y

ClientSampled :

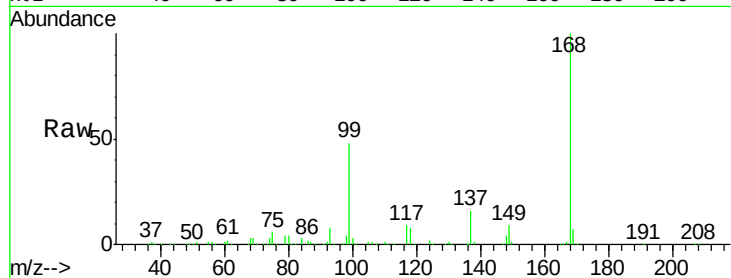
AST-3

Tot Ion:168 Resp: 334694

Ion Ratio Lower Upper

168 100

99 47.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002684.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002684.D (-947) (-)

7.80

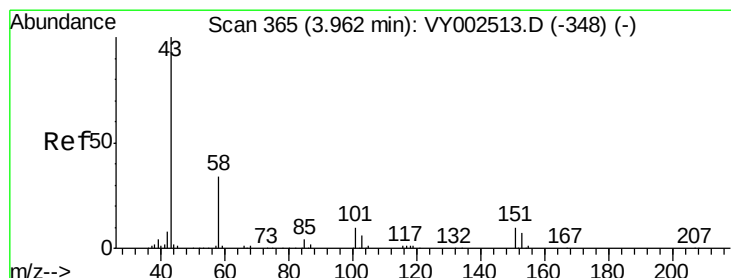
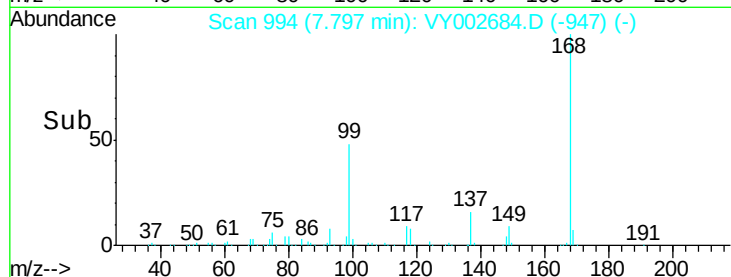
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.838 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002684.D

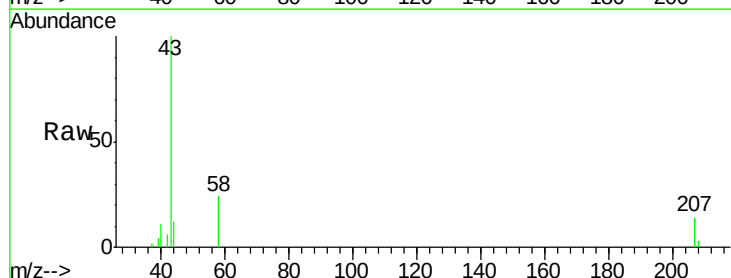
Acq: 13 May 2020 15:02

Tgt Ion: 43 Resp: 5133

Ion Ratio Lower Upper

43 100

58 23.9 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY002684.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002684.D (-316) (-)

3.96

2500

2000

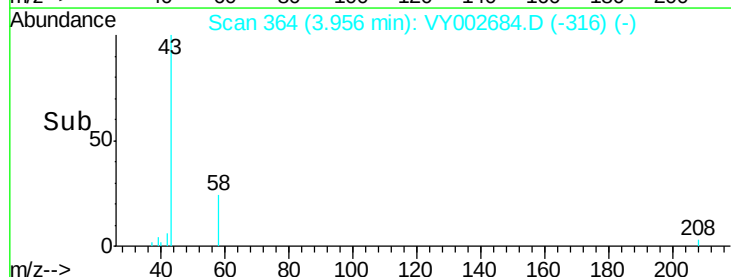
1500

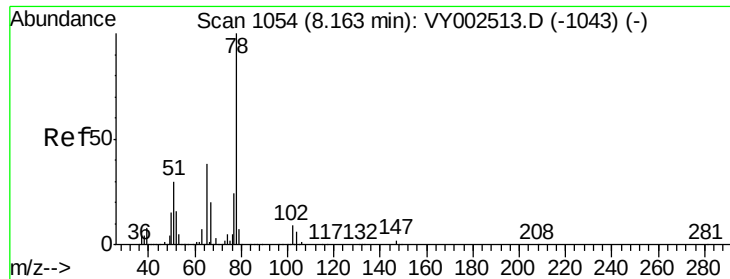
1000

500

0

Time-->

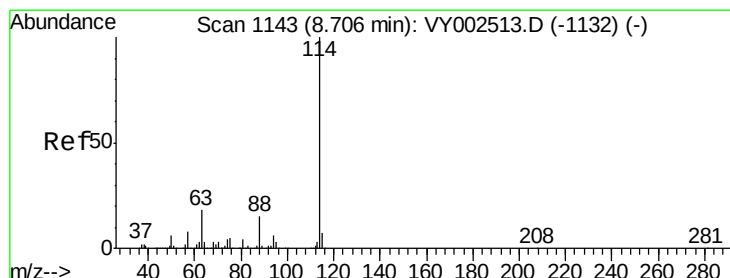
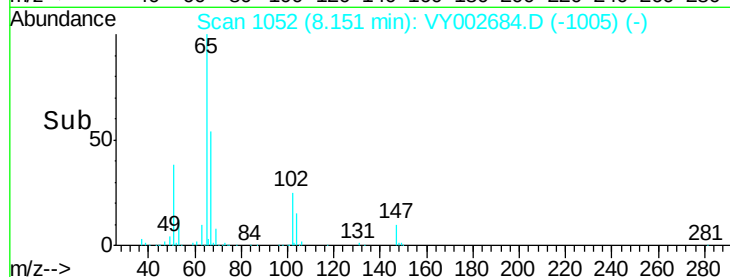
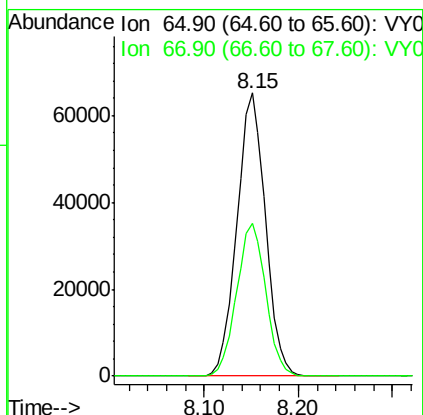
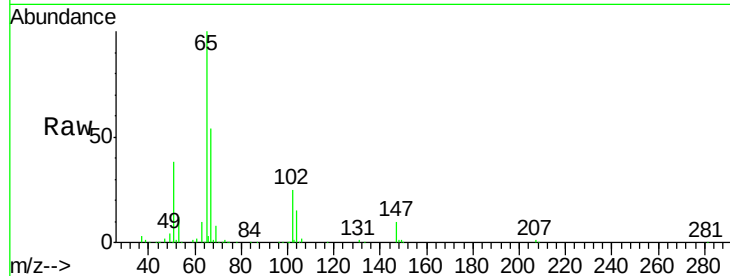




#33
 1,2-Dichloroethane-d4
 Concen: 49.032 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002684.D
 Acq: 13 May 2020 15:02

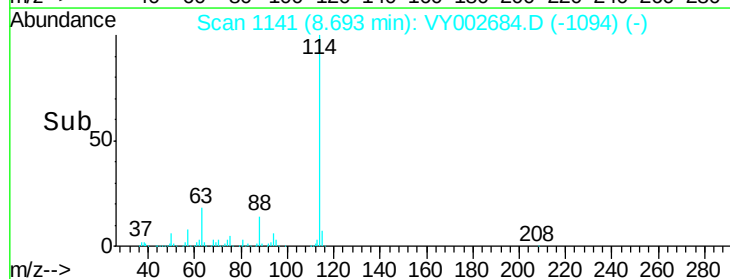
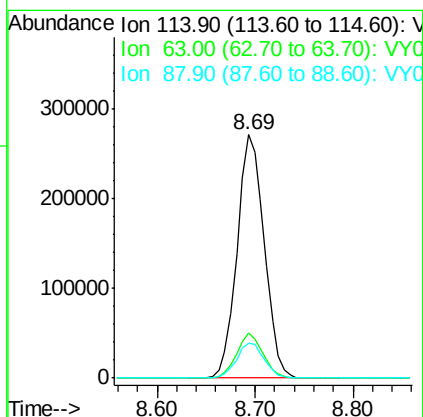
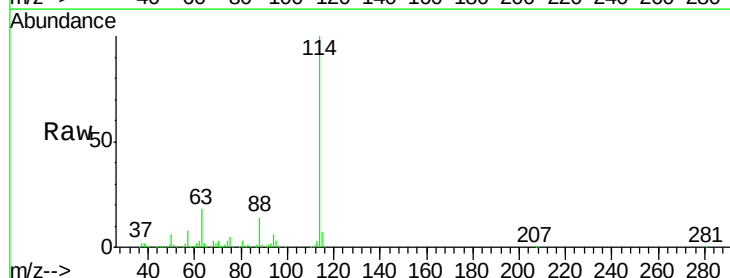
Instrument :
 MSVOA_Y
 ClientSampled :
 AST-3

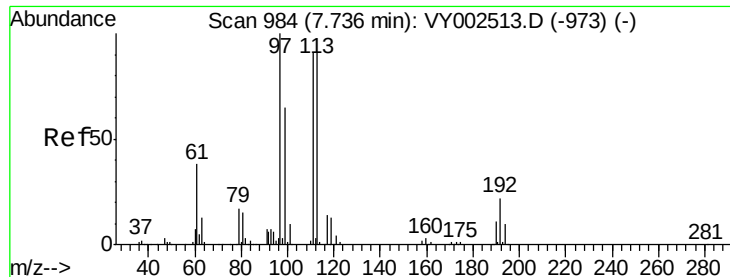
Tot Ion: 65 Resp: 137984
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002684.D
 Acq: 13 May 2020 15:02

Tgt Ion: 114 Resp: 519347
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.4
 88 14.4 0.0 29.6

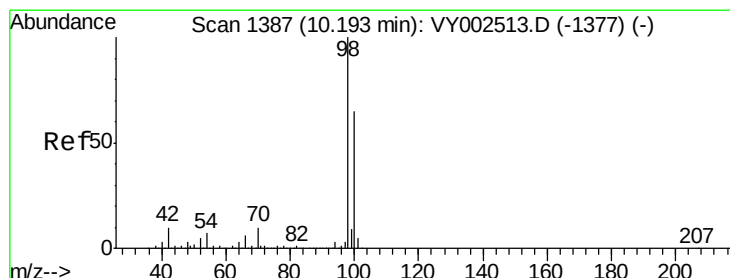
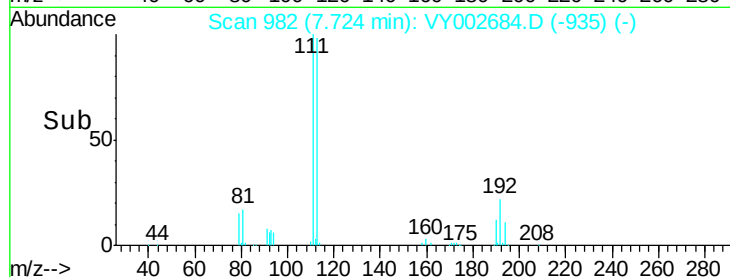
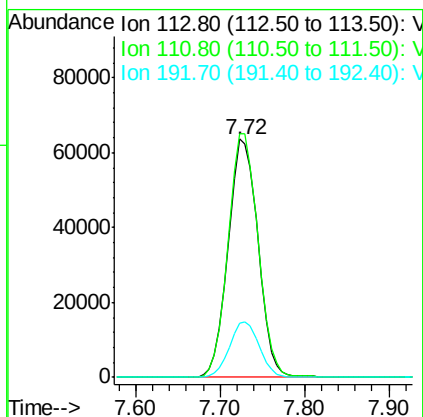
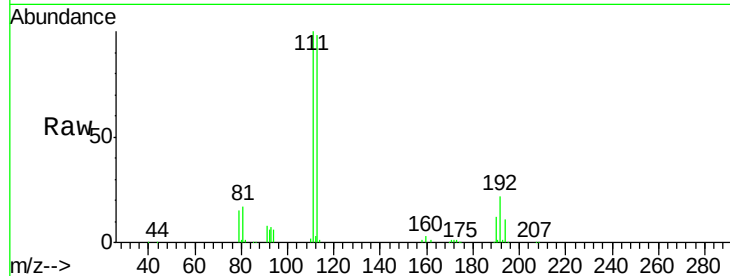




#35
Dibromofluoromethane
Concen: 51.617 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002684.D
Acq: 13 May 2020 15:02

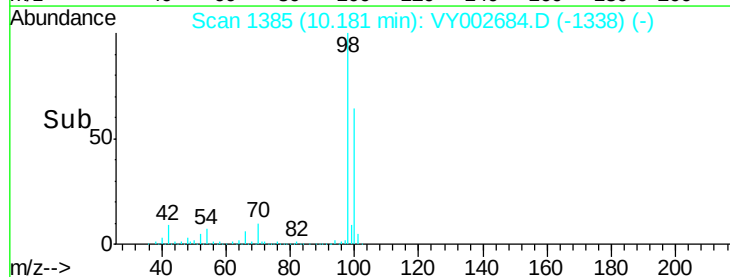
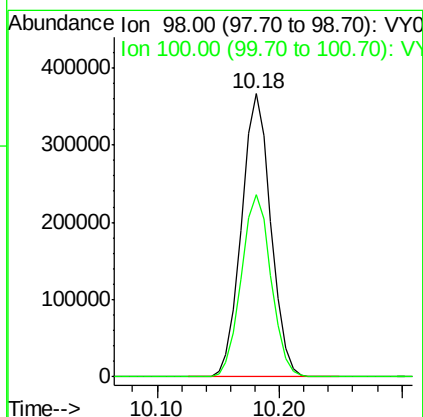
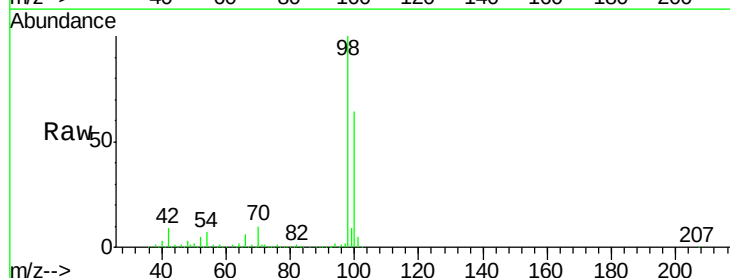
Instrument :
MSVOA_Y
ClientSampleId :
AST-3

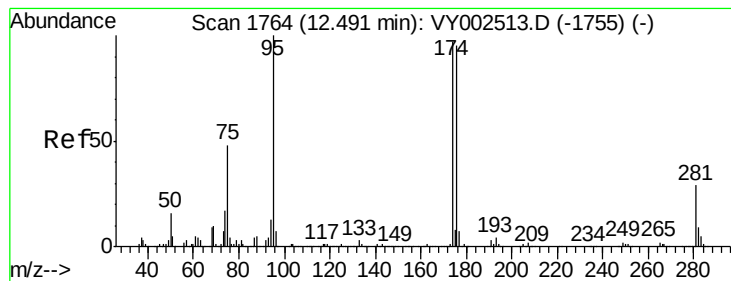
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.6
192	23.1	18.2	27.4



#50
Toluene-d8
Concen: 52.469 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002684.D
Acq: 13 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 49.955 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002684.D

Acq: 13 May 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

AST-3

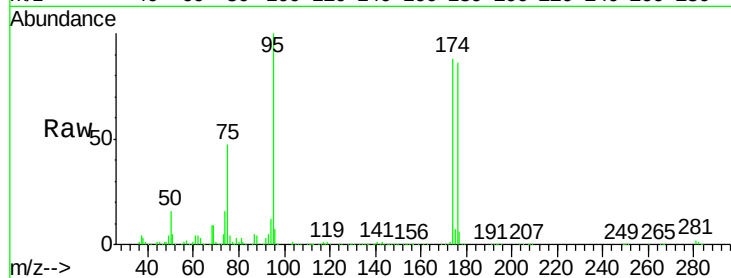
Tot Ion: 95 Resp: 196614

Ion Ratio Lower Upper

95 100

174 92.5 0.0 188.8

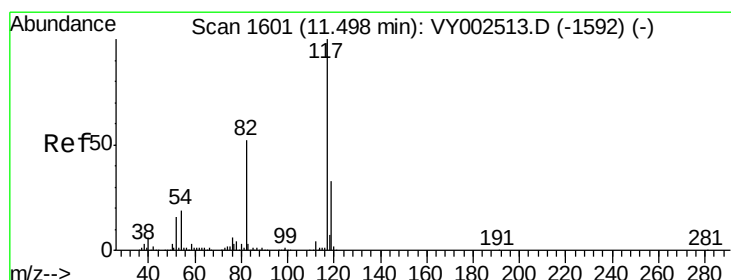
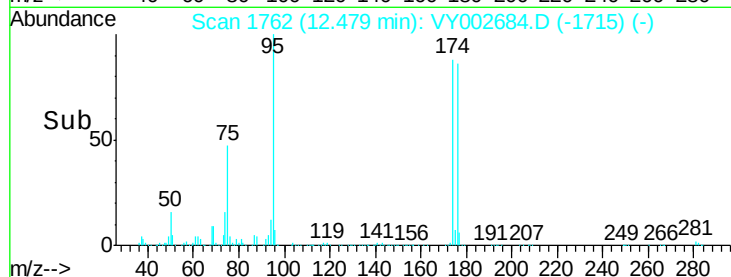
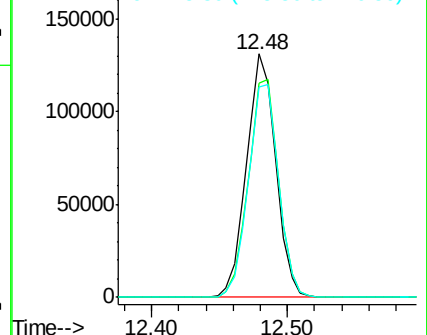
176 90.9 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002513.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002684.D

Acq: 13 May 2020 15:02

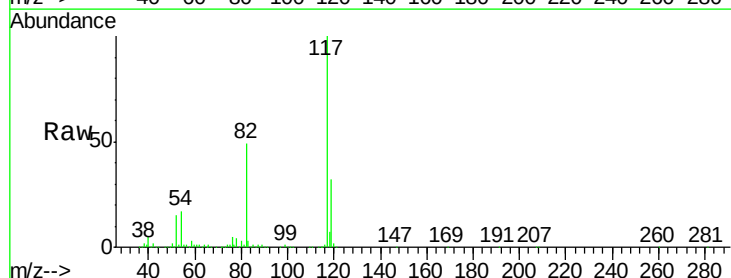
Tgt Ion: 117 Resp: 466578

Ion Ratio Lower Upper

117 100

82 48.8 41.3 61.9

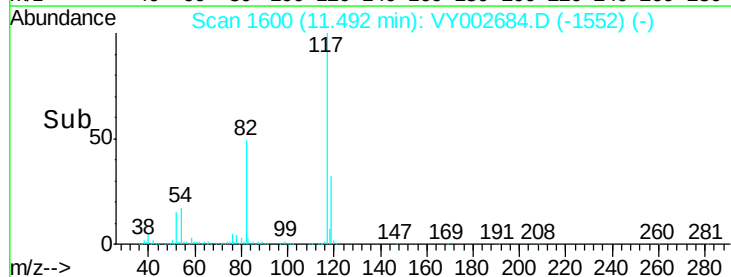
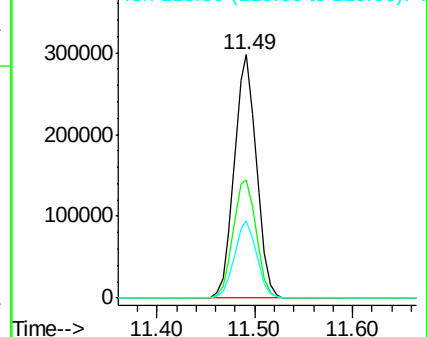
119 31.8 26.0 39.0

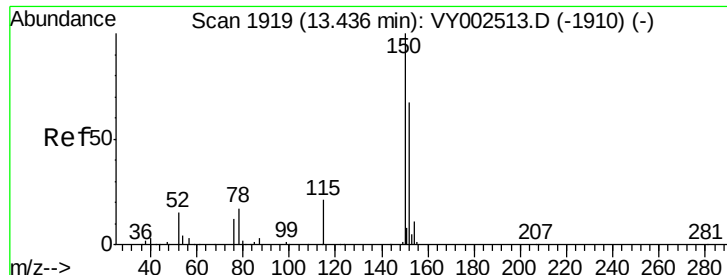


Abundance Ion 116.90 (116.60 to 117.60): VY002513.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002513.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002513.D (-1592) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002684.D

Acq: 13 May 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

AST-3

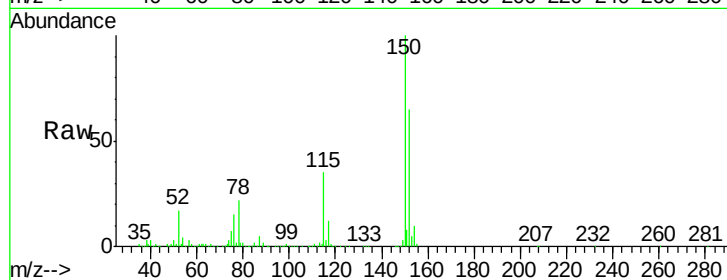
Tot Ion:152 Resp: 228199

Ion Ratio Lower Upper

152 100

115 53.6 27.5 82.4

150 155.7 0.0 346.4



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

