

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002432.D
 Acq On : 21 Apr 2020 14:56
 Operator : SY/MD
 Sample : L2284-05
 Misc : 5.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-(6-7)

Quant Time: Apr 21 16:14:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

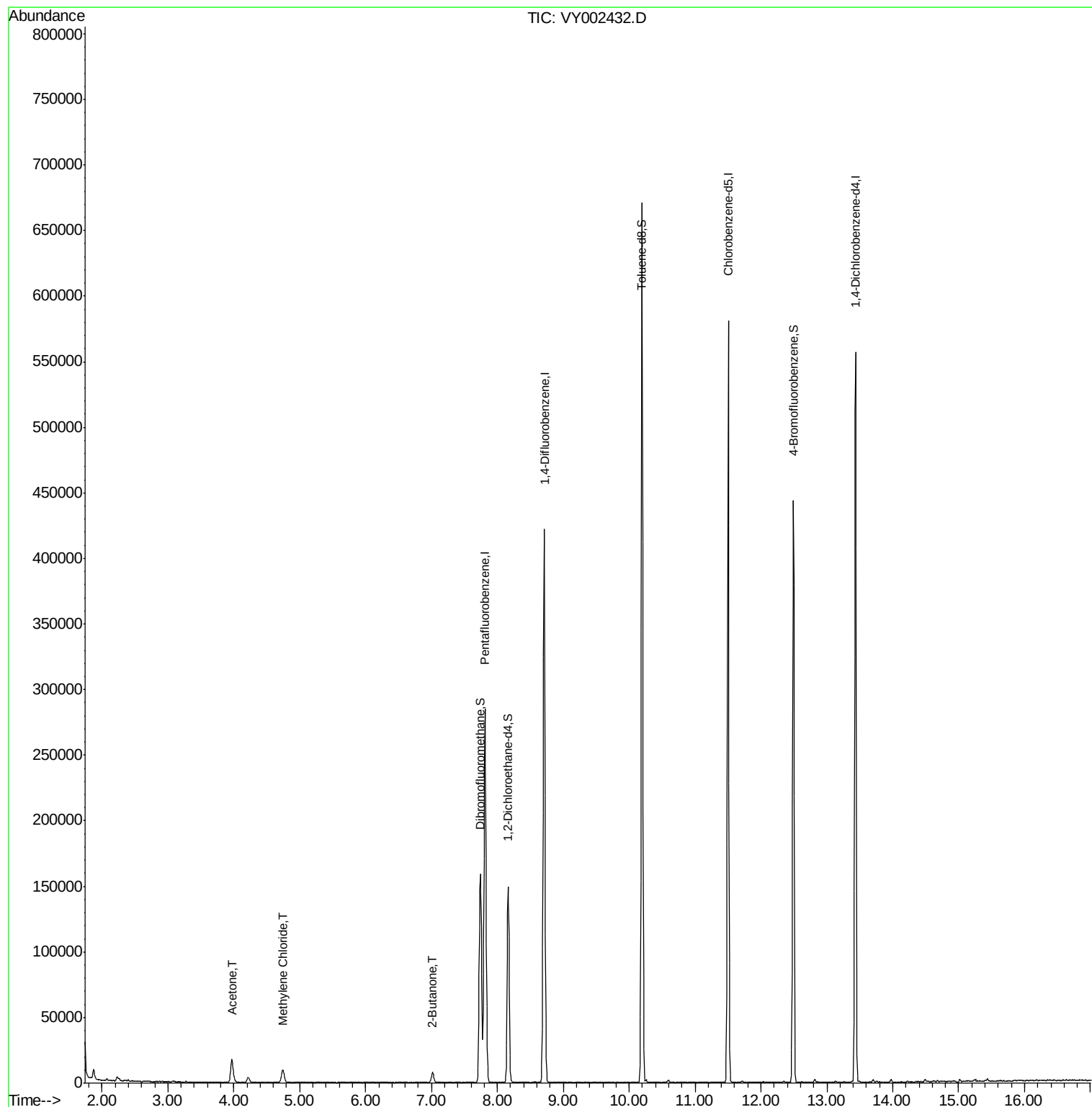
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	245627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	399434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	347448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	152149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	107599	60.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.46%	
35) Dibromofluoromethane	7.74	113	116062	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
50) Toluene-d8	10.19	98	458608	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
62) 4-Bromofluorobenzene	12.49	95	137743	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
Target Compounds						
16) Acetone	3.97	43	30738	64.386	ug/l	91
20) Methylene Chloride	4.74	84	8040	3.010	ug/l	95
25) 2-Butanone	7.02	43	11504	16.905	ug/l	93

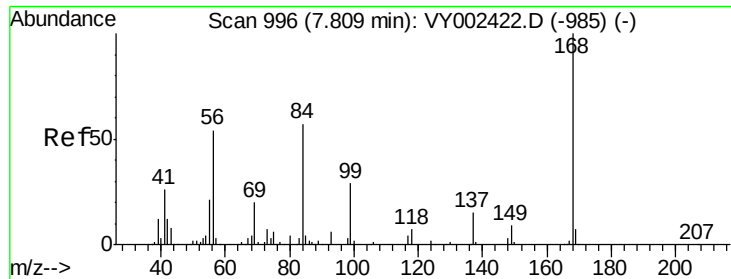
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002432.D

Acq: 21 Apr 2020 14:56

Instrument :

MSVOA_Y

ClientSampleId :

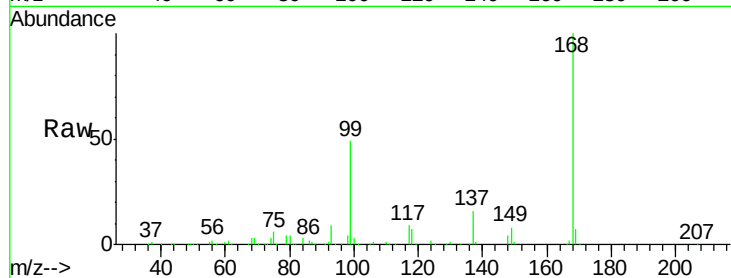
TP-11-(6-7)

Tot Ion:168 Resp: 245627

Ion Ratio Lower Upper

168 100

99 48.7 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002432.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002432.D (-947) (-)

7.81

120000

100000

80000

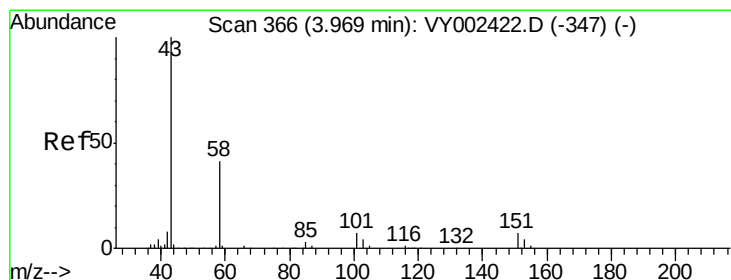
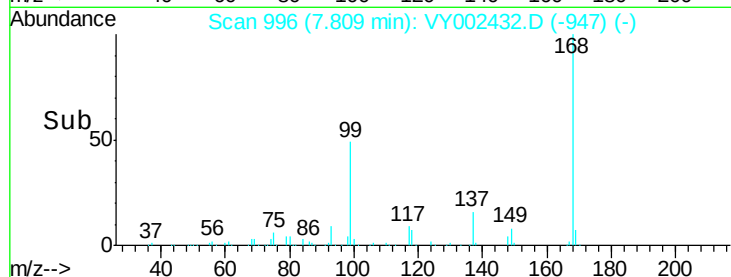
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 64.386 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002432.D

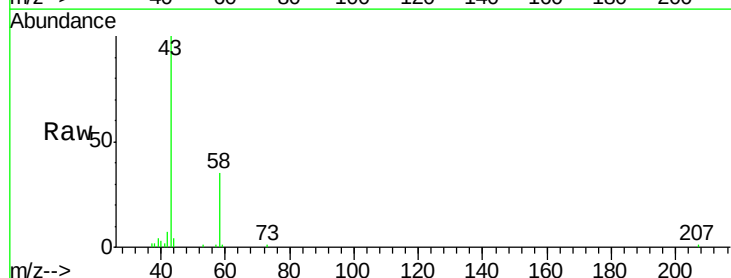
Acq: 21 Apr 2020 14:56

Tgt Ion: 43 Resp: 30738

Ion Ratio Lower Upper

43 100

58 34.8 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY002432.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VY002432.D (-317) (-)

3.97

12000

10000

8000

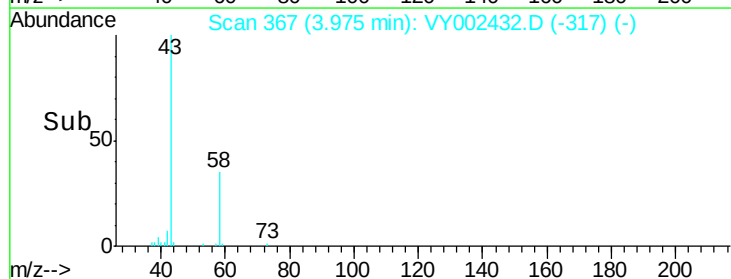
6000

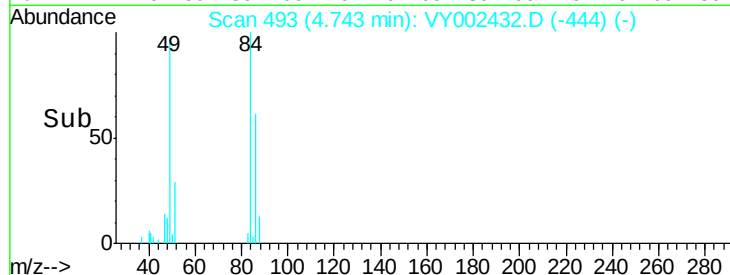
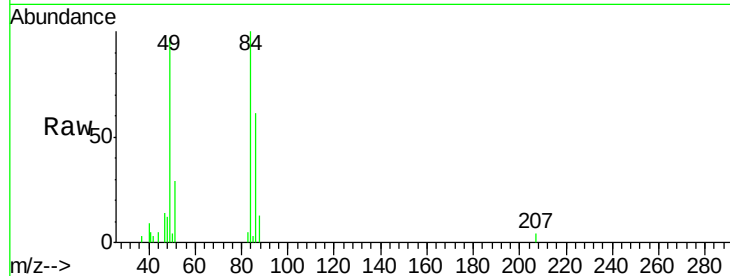
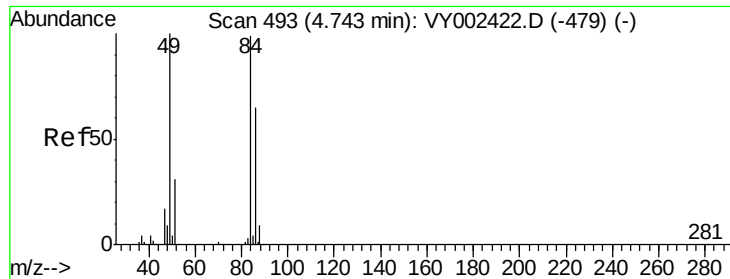
4000

2000

0

Time-->

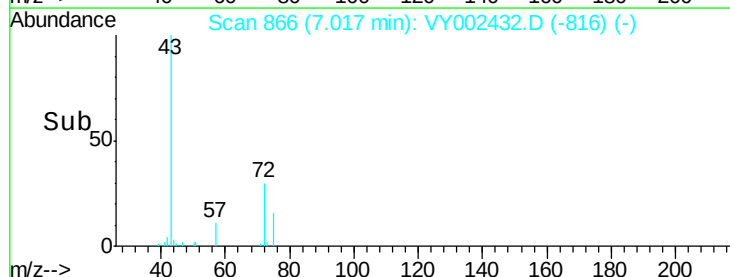
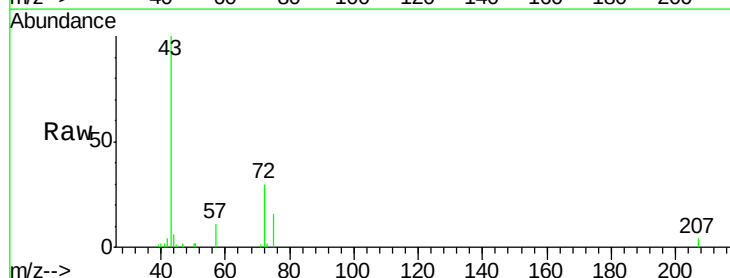
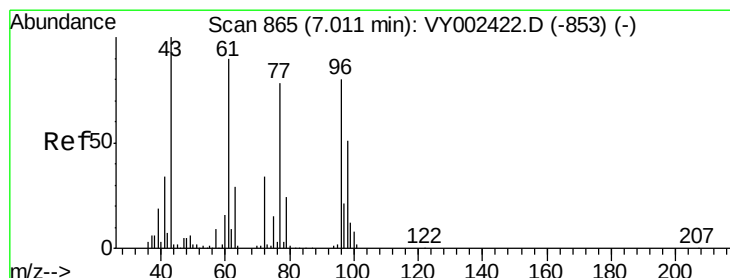
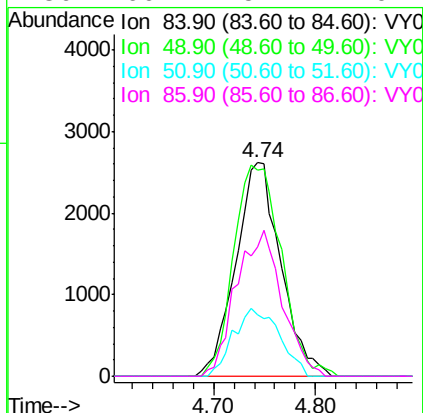




#20
Methylene Chloride
Concen: 3.010 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.00 min
Lab File: VY002432.D
Acq: 21 Apr 2020 14:56

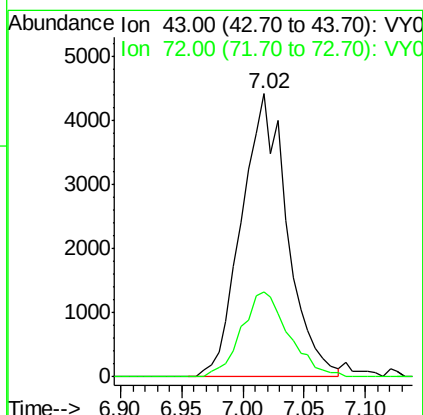
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-(6-7)

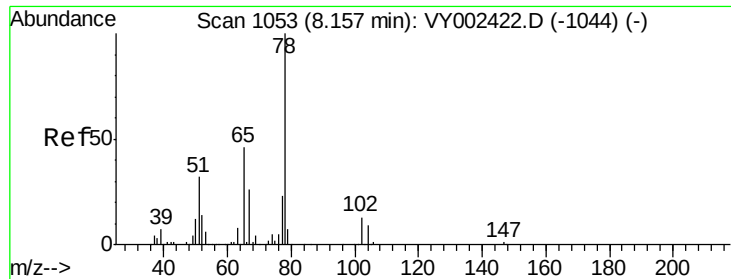
Tot Ion:	84	Resp:	8040
Ion	Ratio	Lower	Upper
84	100		
49	96.6	81.0	121.6
51	28.8	24.9	37.3
86	60.7	52.7	79.1



#25
2-Butanone
Concen: 16.905 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002432.D
Acq: 21 Apr 2020 14:56

Tgt Ion:	43	Resp:	11504
Ion	Ratio	Lower	Upper
43	100		
72	30.1	27.0	40.6

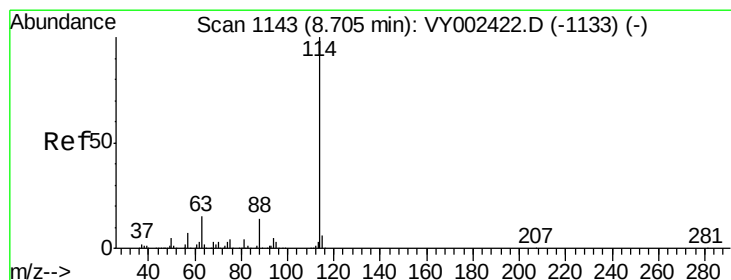
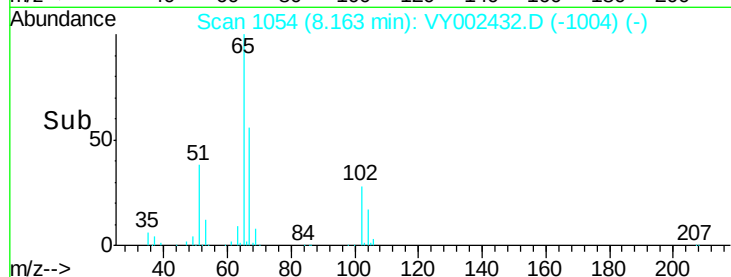
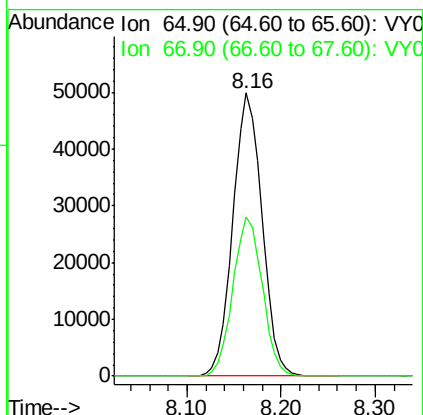
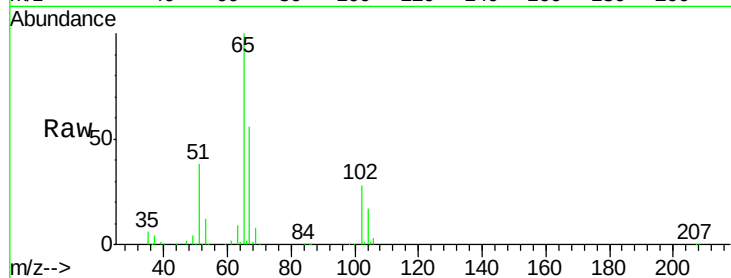




#33
 1,2-Dichloroethane-d4
 Concen: 60.230 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002432.D
 Acq: 21 Apr 2020 14:56

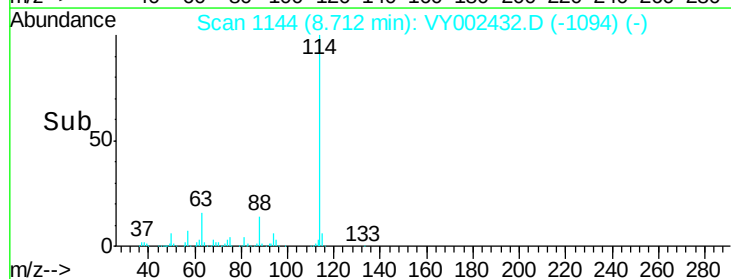
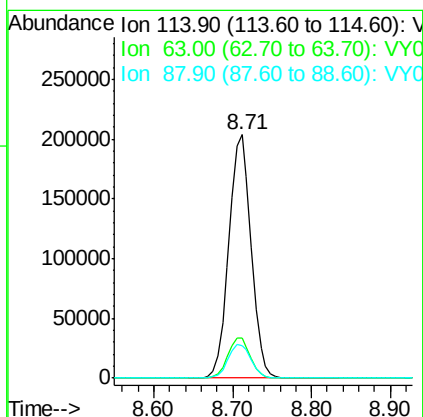
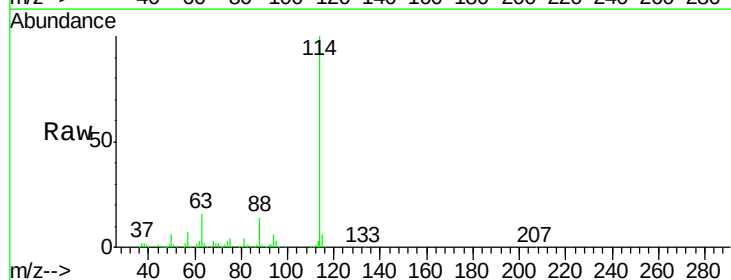
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-(6-7)

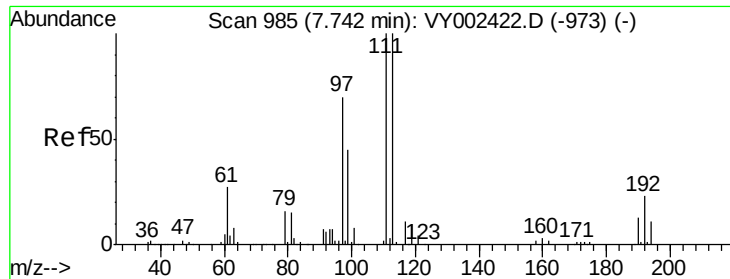
Tot Ion: 65 Resp: 107599
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002432.D
 Acq: 21 Apr 2020 14:56

Tgt Ion: 114 Resp: 399434
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.0
 88 13.5 0.0 28.2

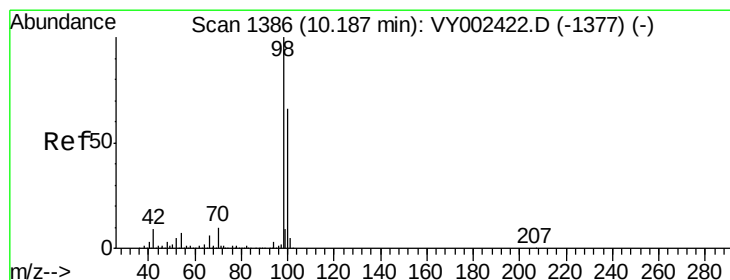
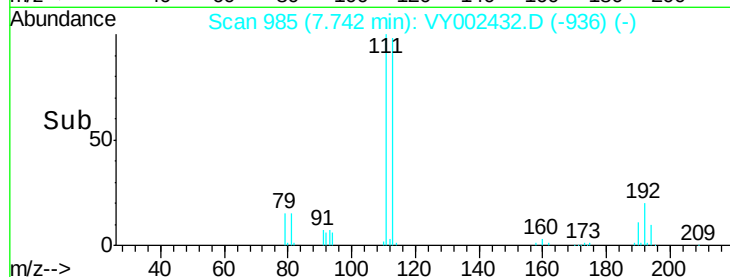
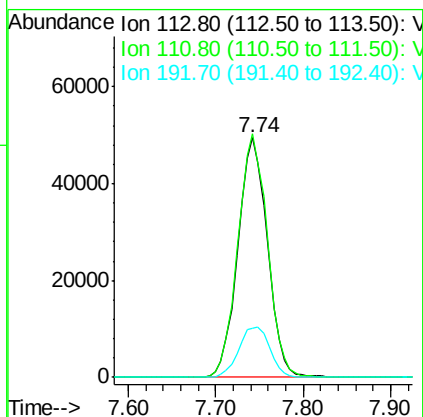
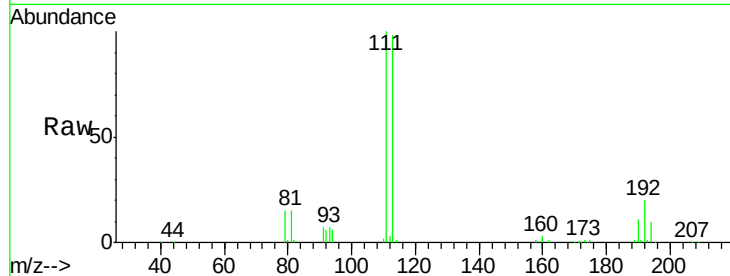




#35
 Dibromofluoromethane
 Concen: 55.243 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VY002432.D
 Acq: 21 Apr 2020 14:56

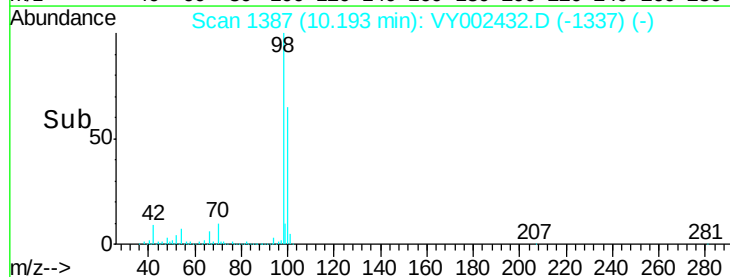
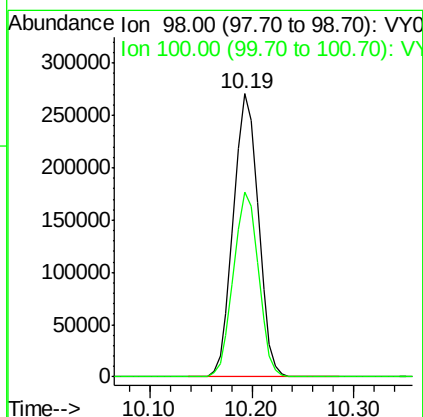
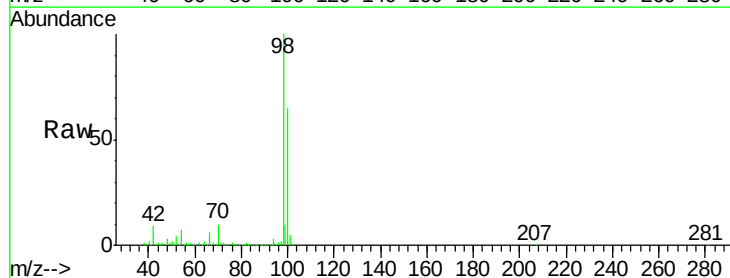
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-(6-7)

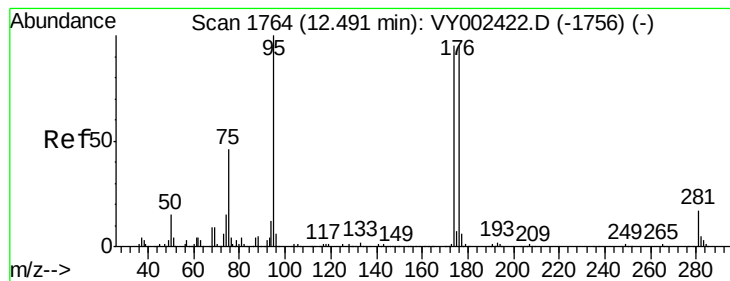
Tot Ion:113 Resp: 116062
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.7 122.5
 192 22.3 17.8 26.6



#50
 Toluene-d8
 Concen: 53.970 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY002432.D
 Acq: 21 Apr 2020 14:56

Tgt Ion: 98 Resp: 458608
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 49.097 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002432.D

Acq: 21 Apr 2020 14:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-(6-7)

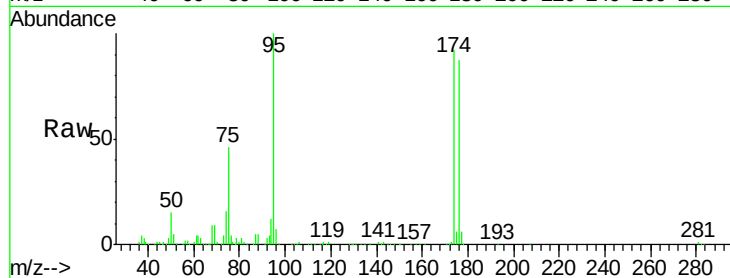
Tot Ion: 95 Resp: 137743

Ion Ratio Lower Upper

95 100

174 92.0 0.0 185.8

176 88.4 0.0 181.2



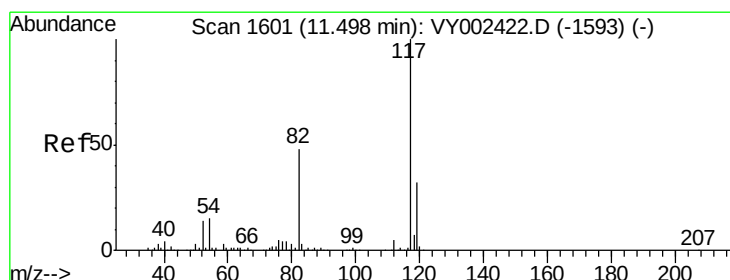
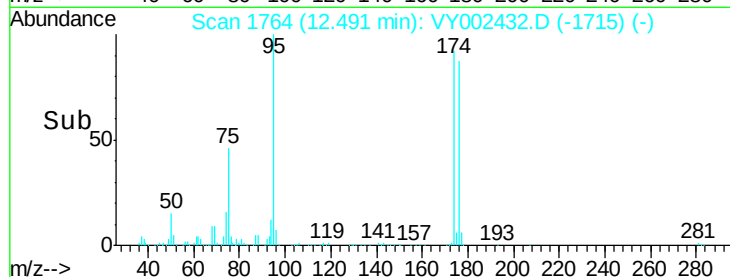
Abundance Ion 94.90 (94.60 to 95.60): VY002432.D (-1715) (-)

Ion 173.80 (173.50 to 174.50): VY002432.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY002432.D (-1715) (-)

12.49

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002432.D

Acq: 21 Apr 2020 14:56

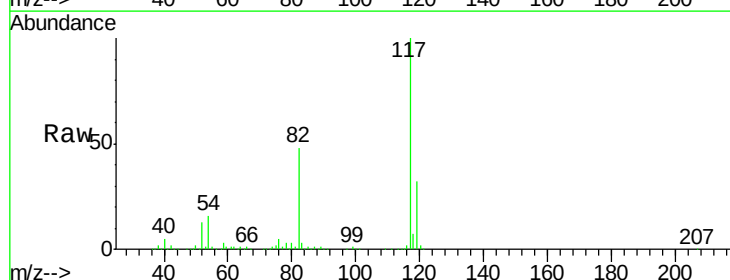
Tgt Ion: 117 Resp: 347448

Ion Ratio Lower Upper

117 100

82 48.1 38.4 57.6

119 31.9 25.3 37.9



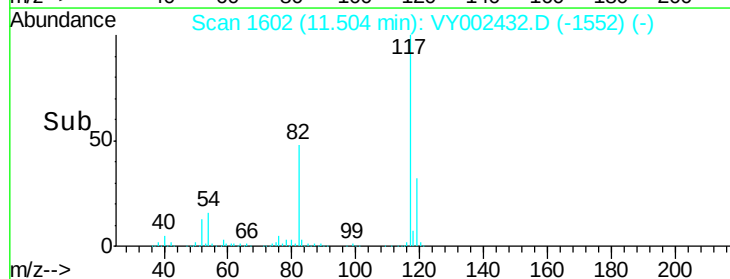
Abundance Ion 116.90 (116.60 to 117.60): VY002432.D (-1552) (-)

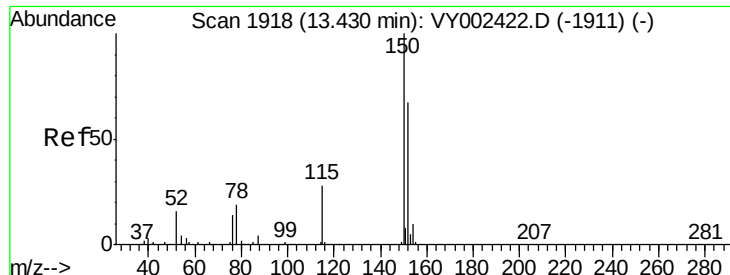
Ion 82.00 (81.70 to 82.70): VY002432.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY002432.D (-1552) (-)

11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002432.D

Acq: 21 Apr 2020 14:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-(6-7)

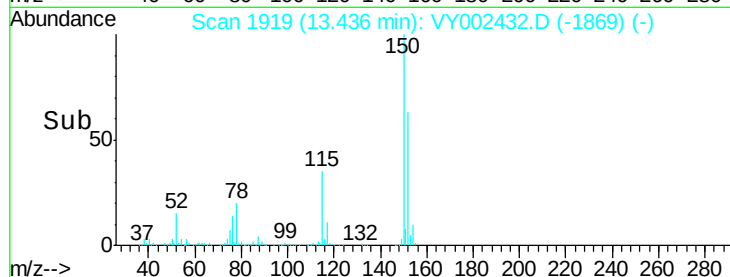
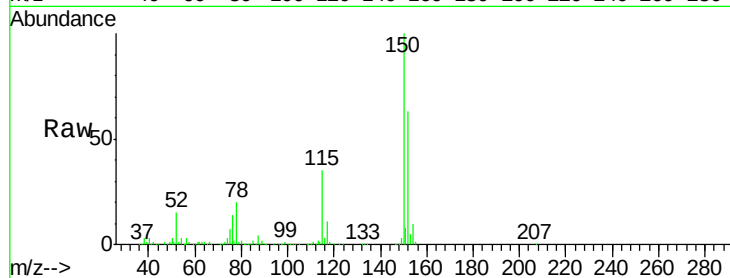
Tot Ion:152 Resp: 152149

Ion Ratio Lower Upper

152 100

115 53.8 27.3 81.8

150 156.4 0.0 344.0



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

200000

150000

100000

50000

0

13.35 13.40 13.45 13.50

Time-->