

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000593.D
 Acq On : 07 Nov 2019 19:54
 Operator : SY/MD
 Sample : K5723-10
 Misc : 6.70G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 9-C

Quant Time: Nov 08 05:42:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

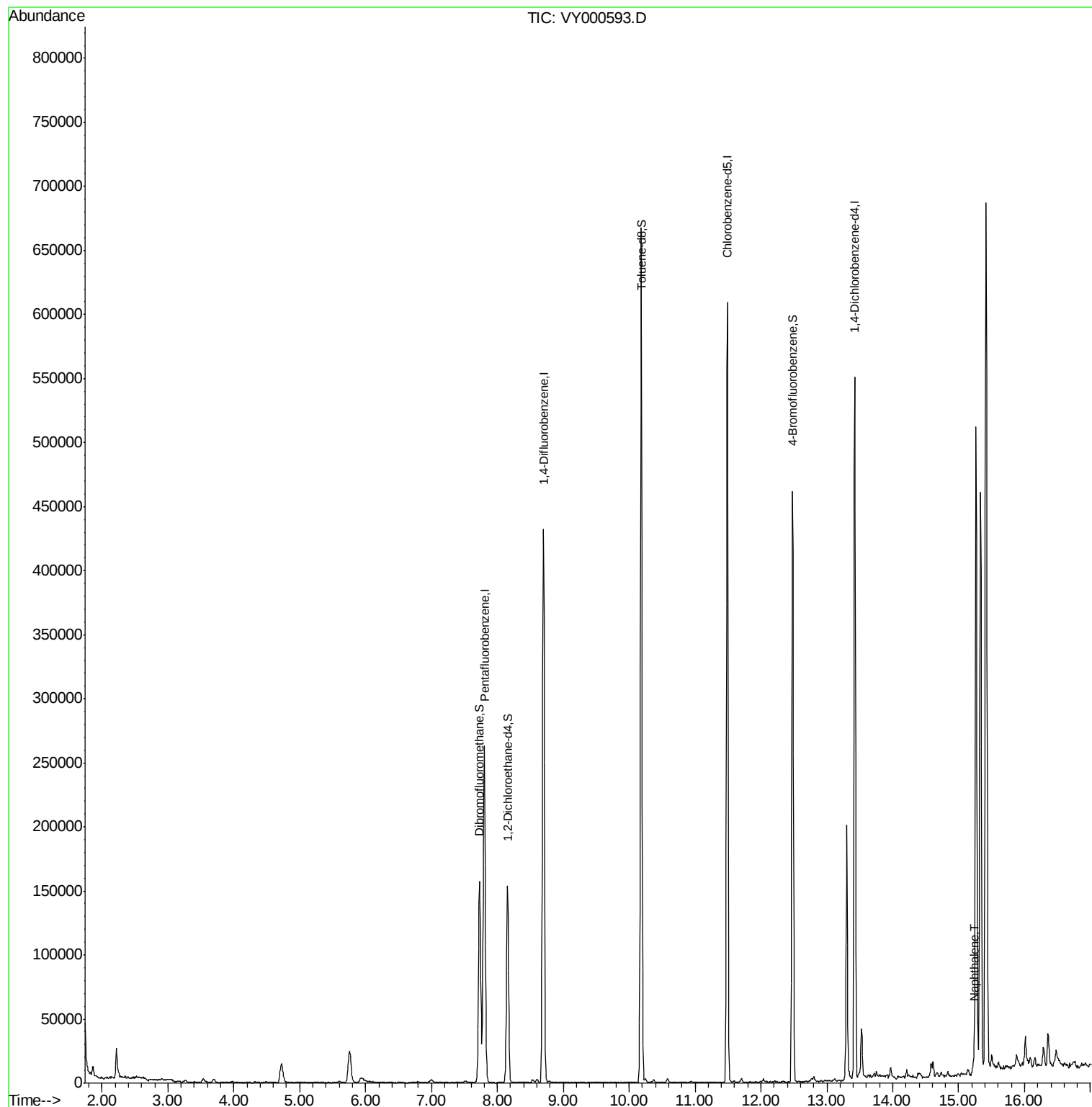
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	199804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	360302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	313586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	128537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	123455	59.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.42%	
35) Dibromofluoromethane	7.73	113	106838	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	10.18	98	417852	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.48	95	137902	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
Target Compounds						
95) Naphthalene	15.23	128	6374	1.101	ug/l #	Qvalue 76

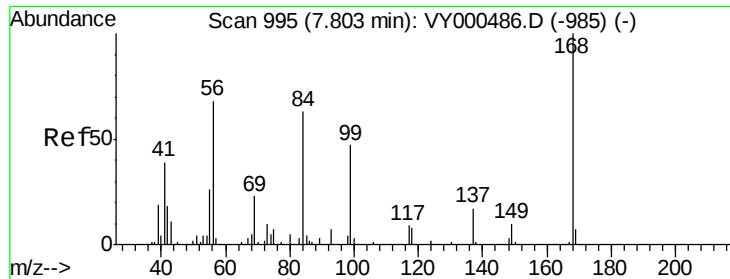
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000593.D

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Instrument :

MSVOA_Y

ClientSampleId :

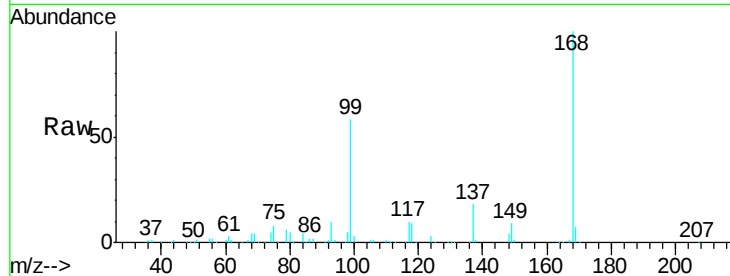
9-C

Tgt Ion:168 Resp: 199804

Ion Ratio Lower Upper

168 100

99 58.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

80000

60000

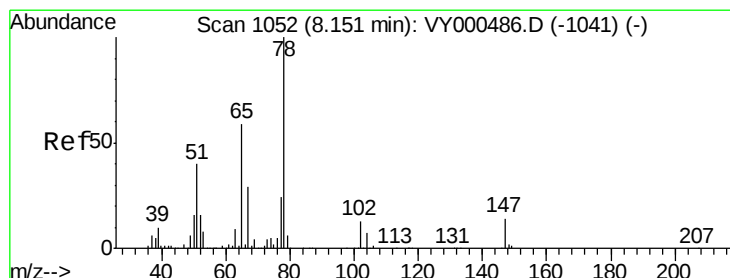
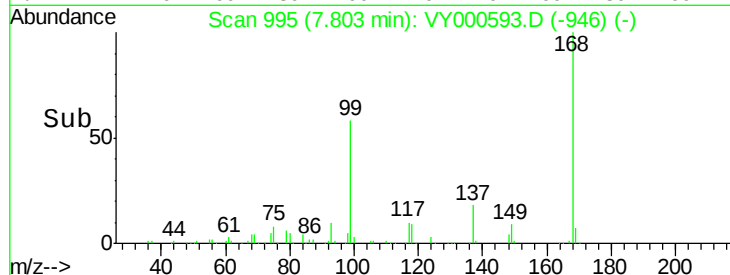
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.706 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000593.D

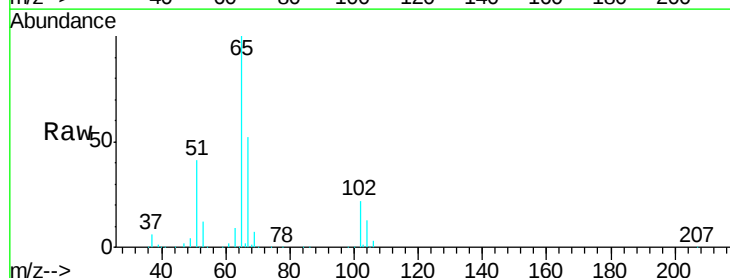
Acq: 07 Nov 2019 19:54

Tgt Ion: 65 Resp: 123455

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

8.16

60000

50000

40000

30000

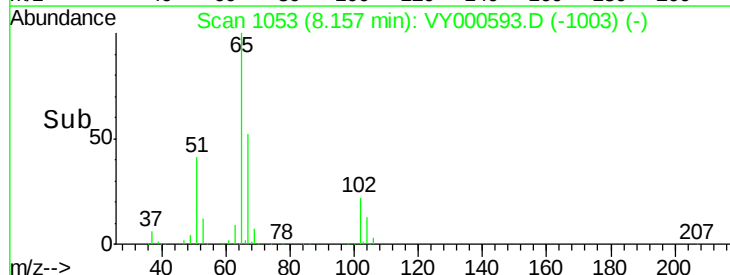
20000

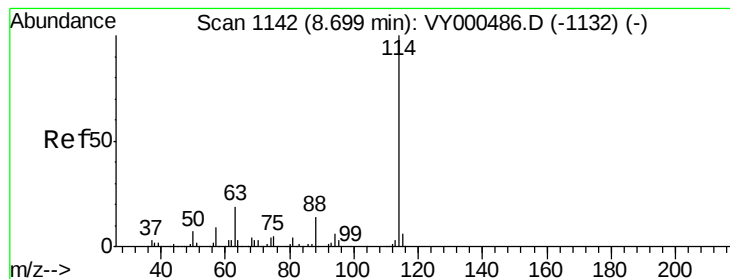
10000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000593.D

Acq: 07 Nov 2019 19:54

Instrument :

MSVOA_Y

ClientSampleId :

9-C

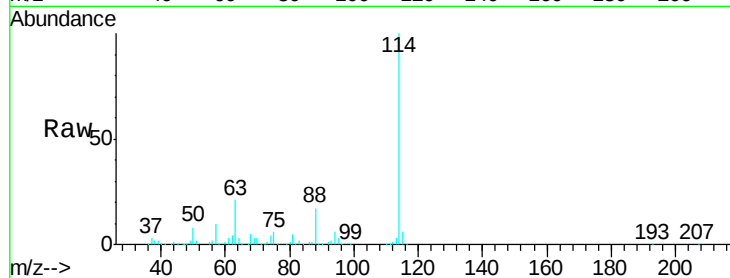
Tgt Ion:114 Resp: 360302

Ion Ratio Lower Upper

114 100

63 21.3 0.0 38.0

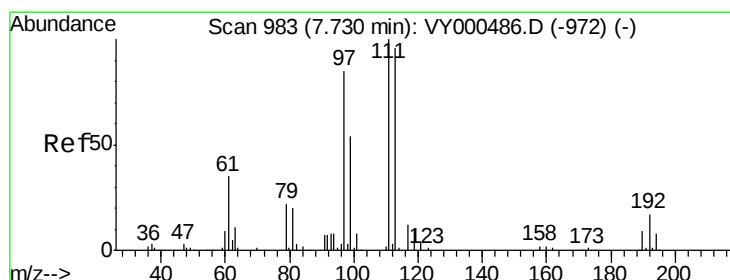
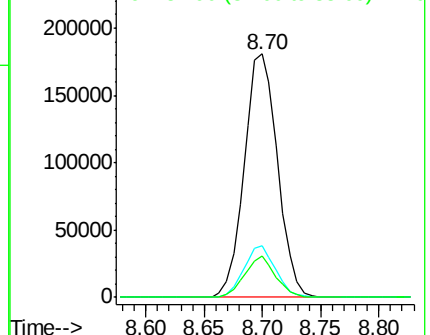
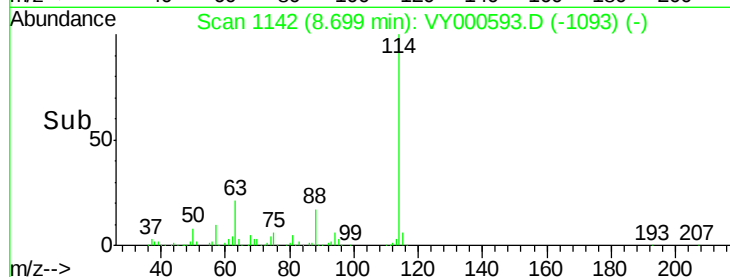
88 16.7 0.0 28.6



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: 50.509 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000593.D

Acq: 07 Nov 2019 19:54

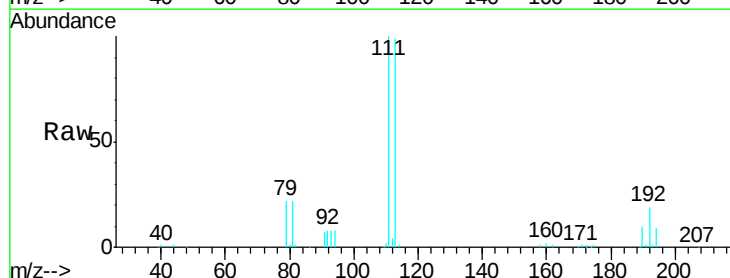
Tgt Ion:113 Resp: 106838

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

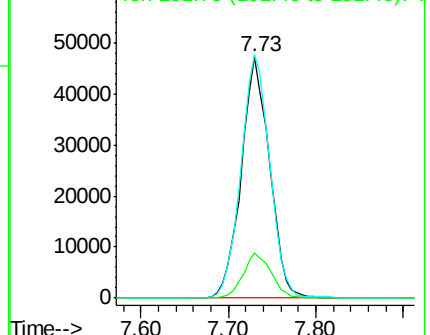
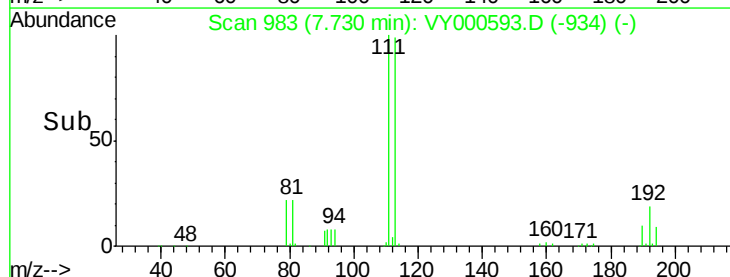
192 18.5 15.0 22.4

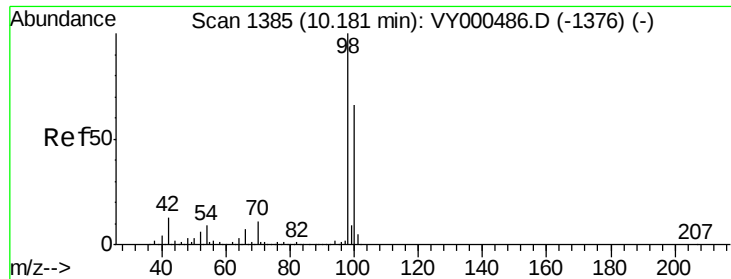


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.062 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000593.D

Acq: 07 Nov 2019 19:54

Instrument :

MSVOA_Y

ClientSampled :

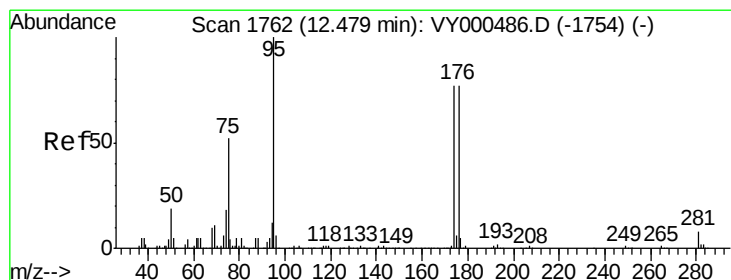
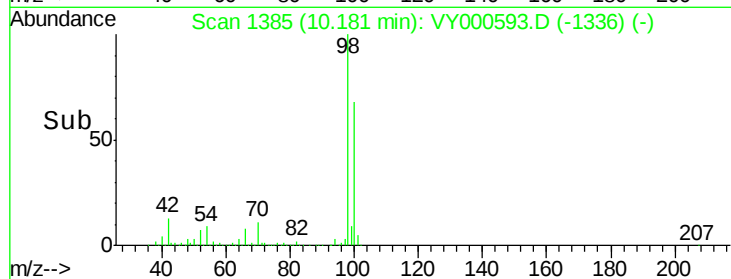
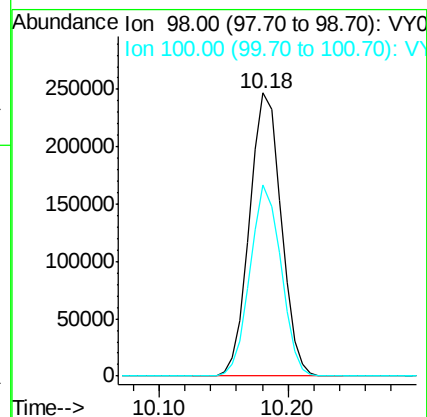
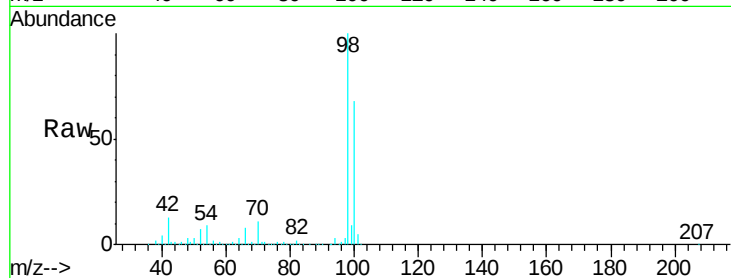
9-C

Tgt Ion: 98 Resp: 417852

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.133 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000593.D

Acq: 07 Nov 2019 19:54

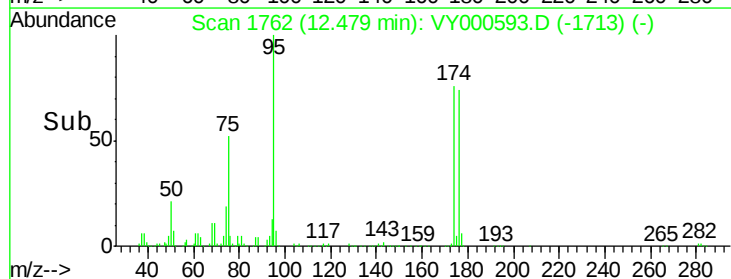
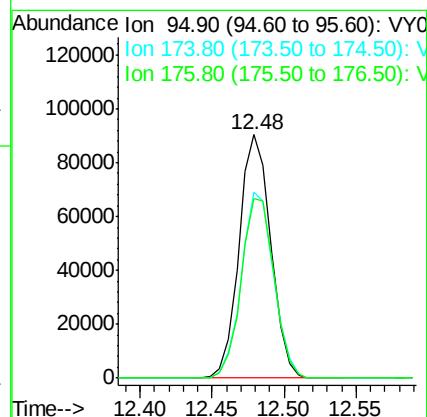
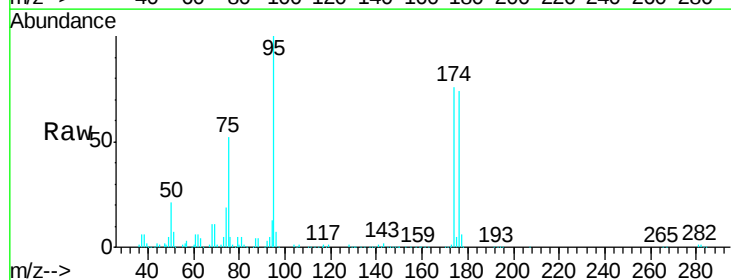
Tgt Ion: 95 Resp: 137902

Ion Ratio Lower Upper

95 100

174 77.9 0.0 161.6

176 76.5 0.0 157.8

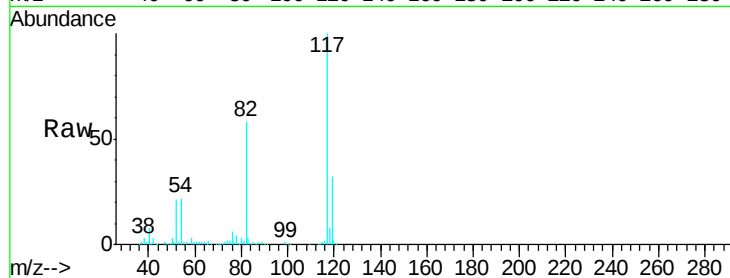




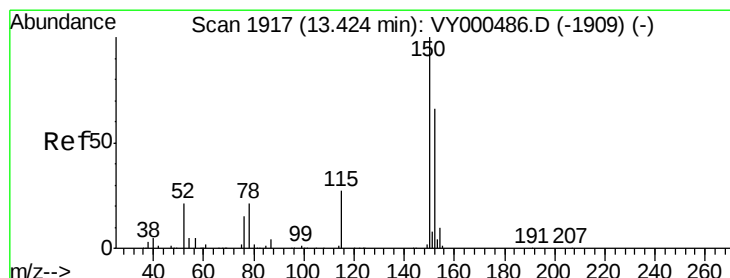
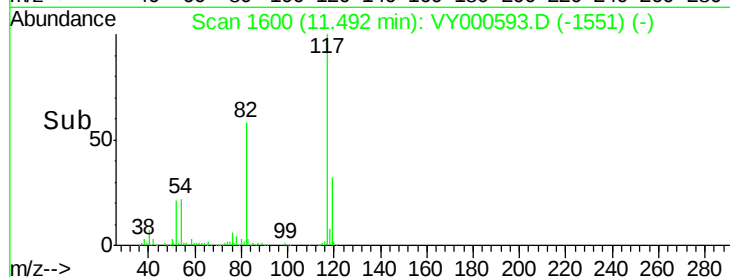
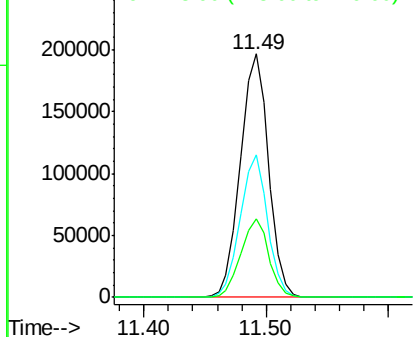
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000593.D
Acq: 07 Nov 2019 19:54

Instrument :
MSVOA_Y
ClientSampled :
9-C

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.5	40.8	61.2
119	32.3	26.2	39.2

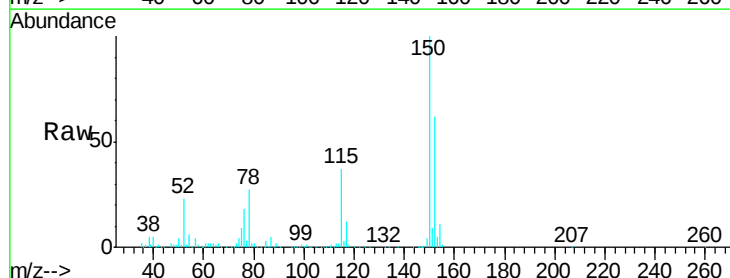


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

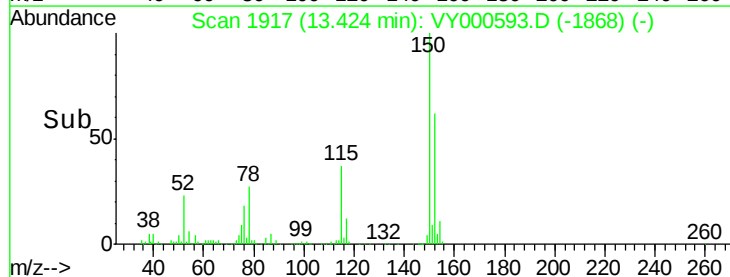
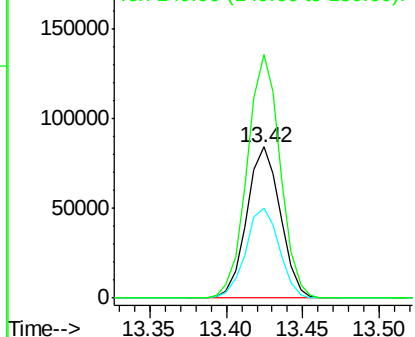


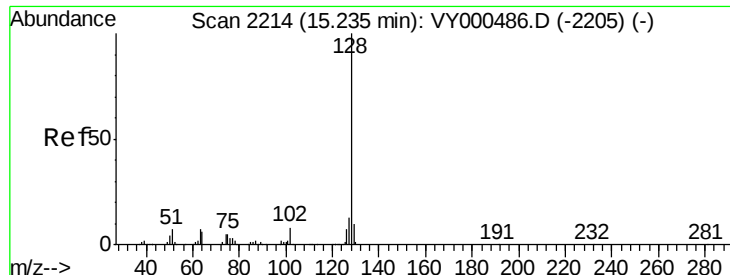
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000593.D
Acq: 07 Nov 2019 19:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.1	87.4
150	158.4	0.0	348.8



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





#95
Naphthalene
Concen: 1.101 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000593.D
Acq: 07 Nov 2019 19:54

Instrument :
MSVOA_Y
ClientSampleId :
9-C

Tgt Ion:128 Resp: 6374
Ion Ratio Lower Upper
128 100
127 18.5 9.8 14.6#
129 23.3 8.7 13.1#

