

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000752.D
 Acq On : 20 Nov 2019 15:15
 Operator : SY/MD
 Sample : K5951-03
 Misc : 9.47G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IRONBOUND-8FT

Quant Time: Nov 21 07:59:24 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

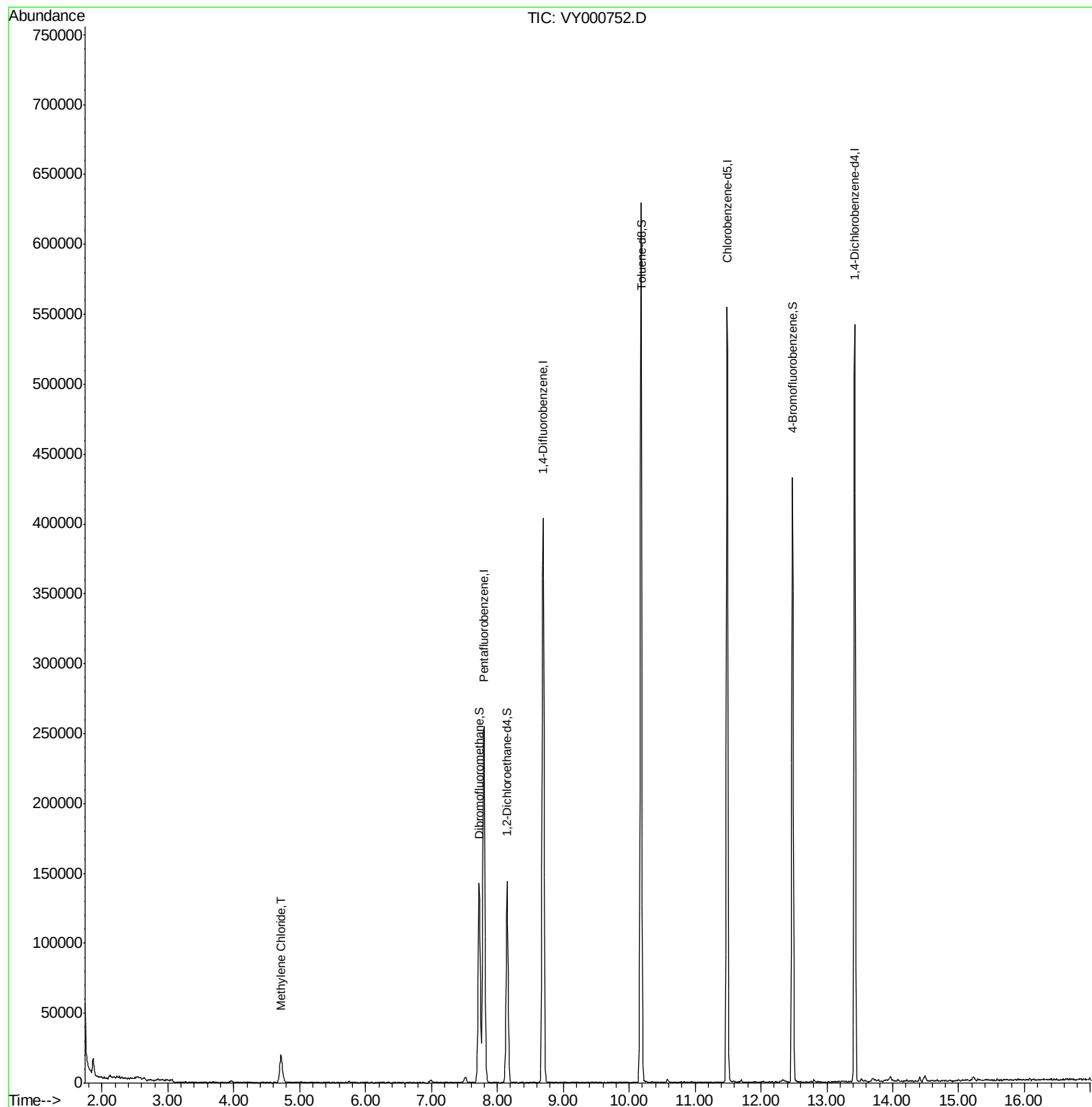
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	203281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	340885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	293139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	130130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	109072	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	7.72	113	99056	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
50) Toluene-d8	10.18	98	399632	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.48	95	127673	44.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.32%	
Target Compounds						
20) Methylene Chloride	4.71	84	13629	5.486	ug/l #	Qvalue 85

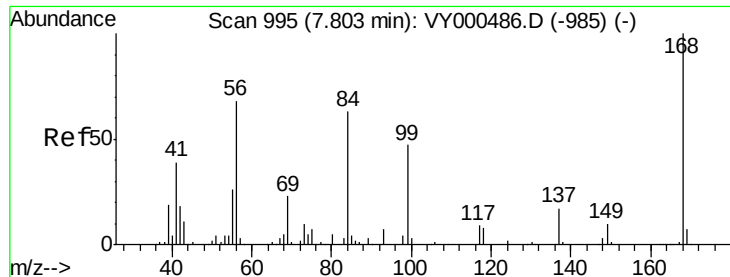
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
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QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000752.D

Acq: 20 Nov 2019 15:15

Instrument :

MSVOA_Y

ClientSampleId :

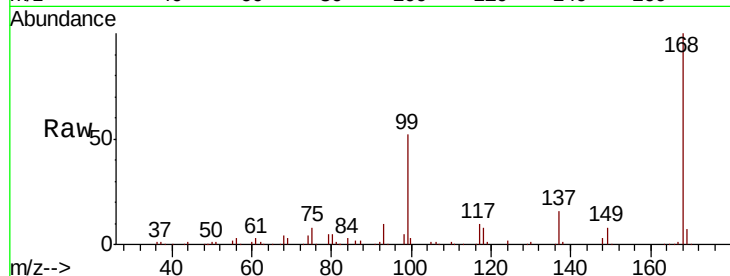
IRONBOUND-8FT

Tot Ion:168 Resp: 203281

Ion Ratio Lower Upper

168 100

99 52.3 45.7 68.5



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

Ion 98.90 (98.60 to 99.60): VY000752.D (-946) (-)

7.80

100000

80000

60000

40000

20000

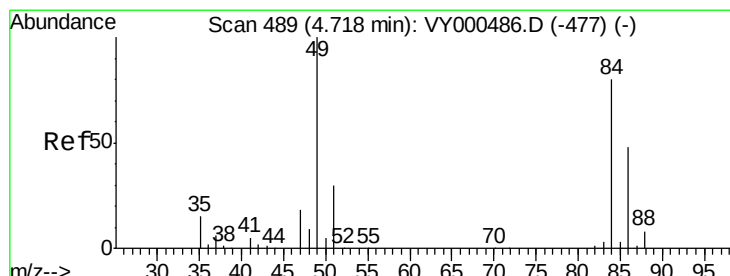
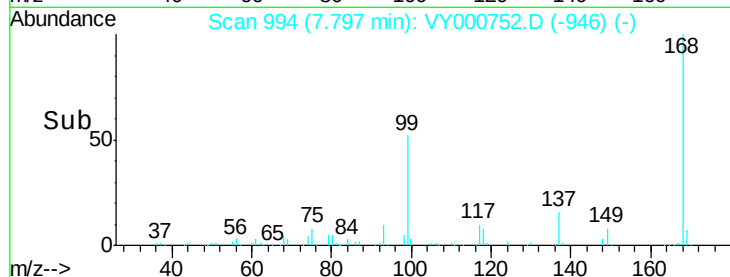
0

Time-->

7.70

7.80

7.90



#20

Methylene Chloride

Concen: 5.486 ug/l

RT: 4.71 min Scan# 488

Delta R.T. -0.01 min

Lab File: VY000752.D

Acq: 20 Nov 2019 15:15

Tgt Ion: 84 Resp: 13629

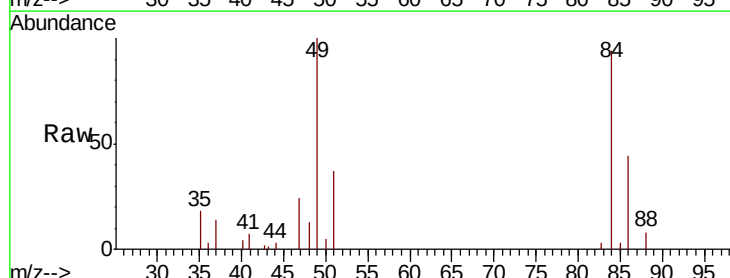
Ion Ratio Lower Upper

84 100

49 106.0 100.2 150.4

51 39.4 29.6 44.4

86 47.0 48.3 72.5#



Abundance Ion 83.90 (83.60 to 84.60): VY000486.D (-477) (-)

Ion 48.90 (48.60 to 49.60): VY000752.D (-440) (-)

Ion 50.90 (50.60 to 51.60): VY000752.D (-440) (-)

Ion 85.90 (85.60 to 86.60): VY000752.D (-440) (-)

8000

6000

4000

2000

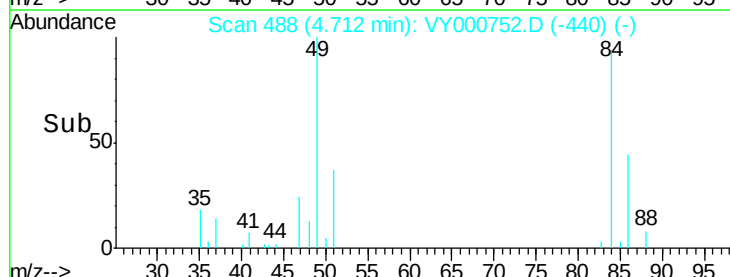
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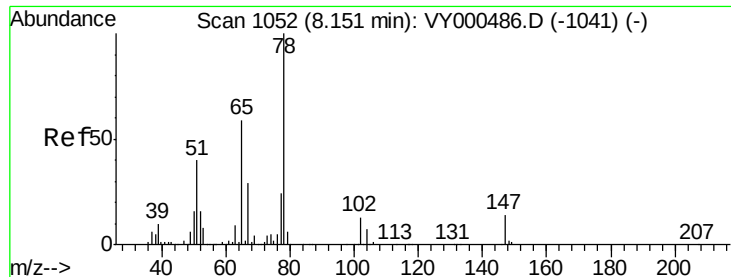
Time-->

4.60

4.70

4.80

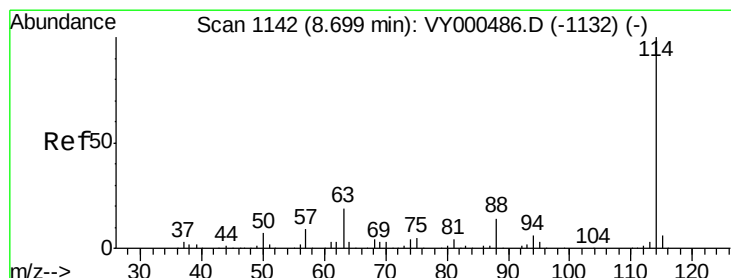
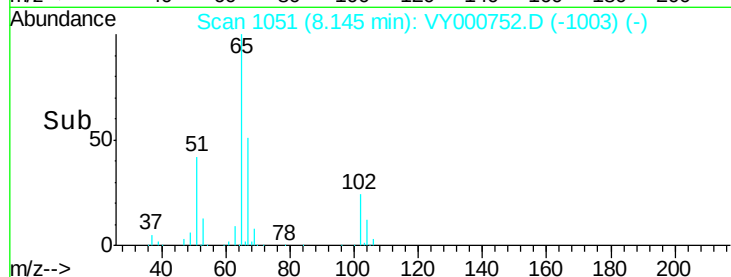
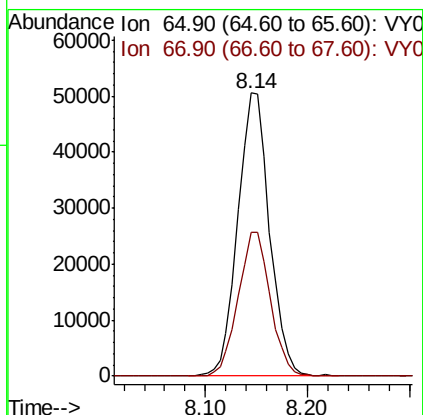
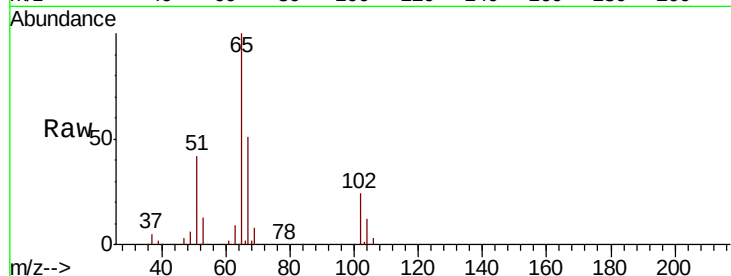




#33
 1,2-Dichloroethane-d4
 Concen: 51.848 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY000752.D
 Acq: 20 Nov 2019 15:15

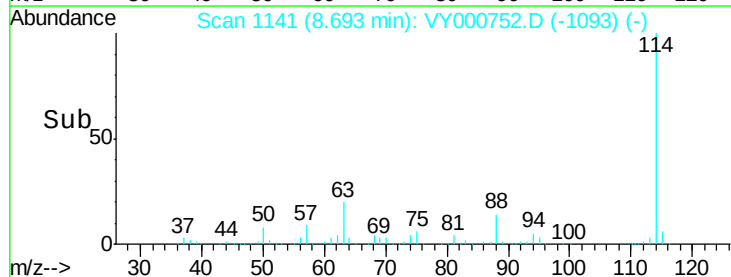
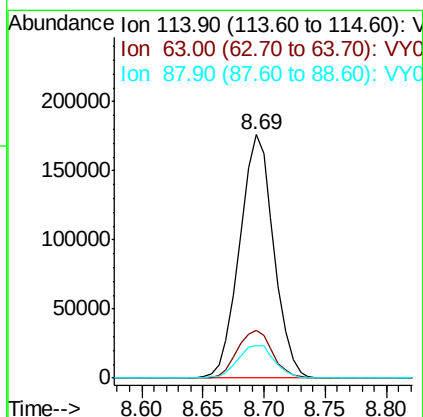
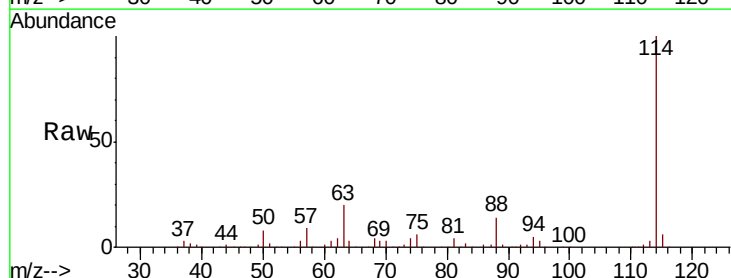
Instrument :
 MSVOA_Y
 ClientSampleId :
 IRONBOUND-8FT

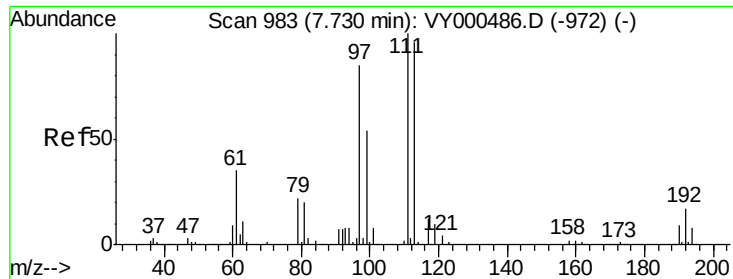
Tot Ion: 65 Resp: 109072
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000752.D
 Acq: 20 Nov 2019 15:15

Tgt Ion: 114 Resp: 340885
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.0
 88 13.5 0.0 28.6





#35

Dibromofluoromethane

Concen: 49.498 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000752.D

Acq: 20 Nov 2019 15:15

Instrument :

MSVOA_Y

ClientSampleId :

IRONBOUND-8FT

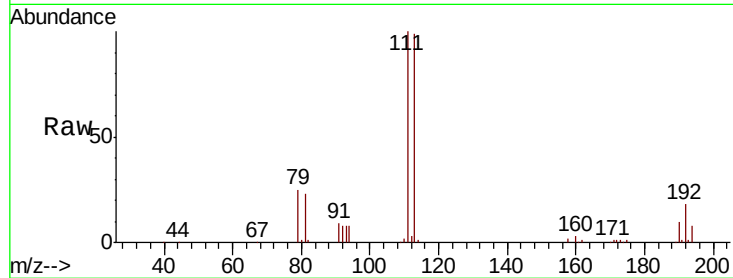
Tot Ion:113 Resp: 99056

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

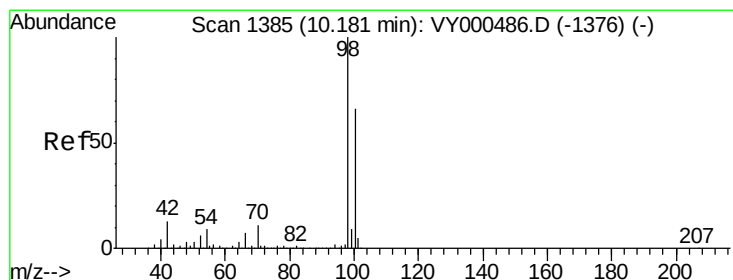
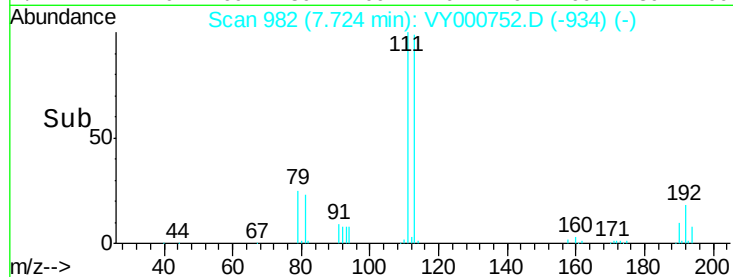
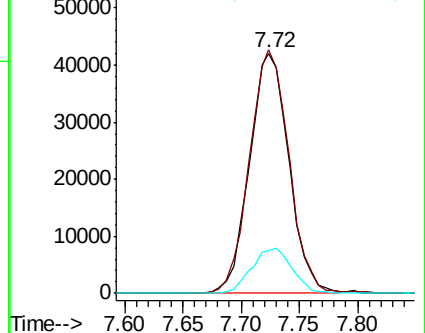
192 19.5 15.0 22.4



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: 52.628 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000752.D

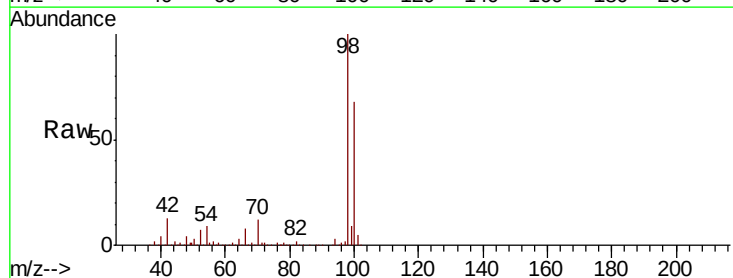
Acq: 20 Nov 2019 15:15

Tgt Ion: 98 Resp: 399632

Ion Ratio Lower Upper

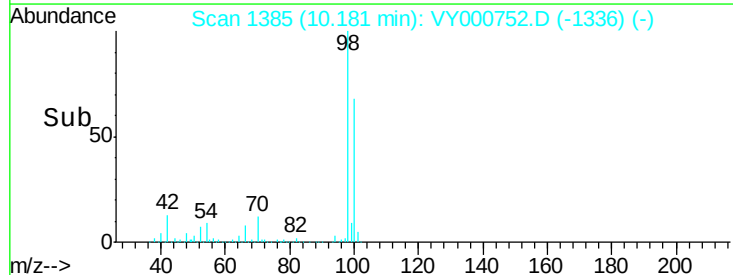
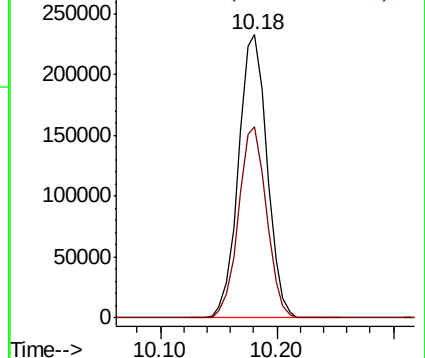
98 100

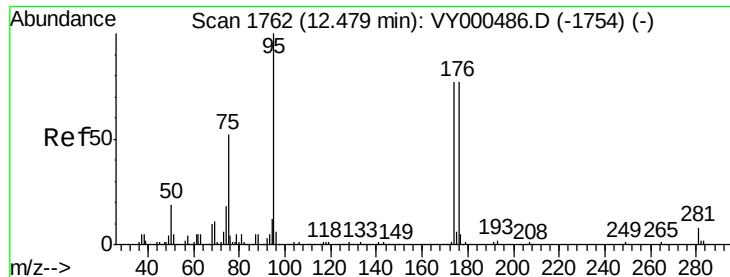
100 66.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

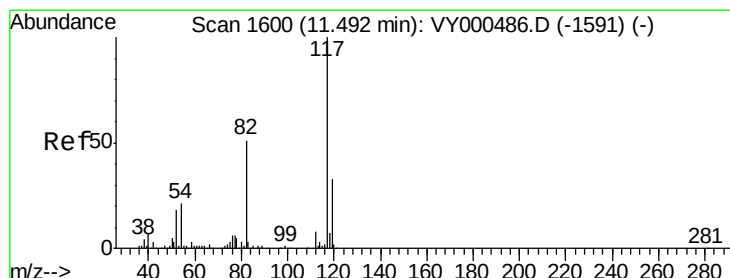
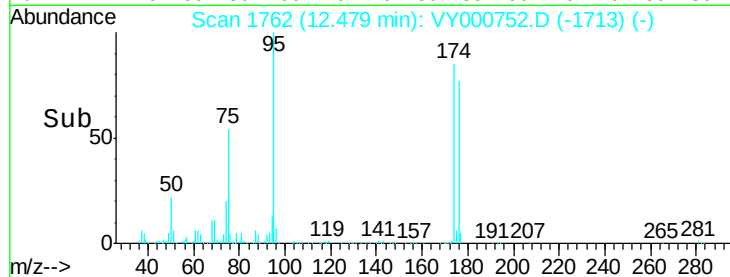
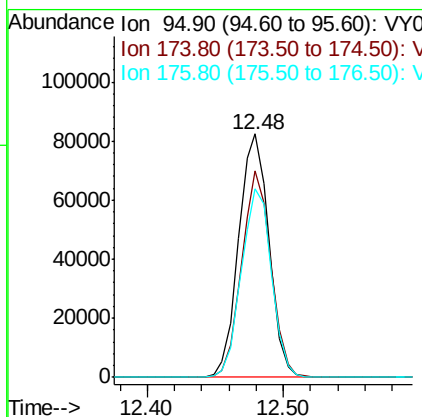
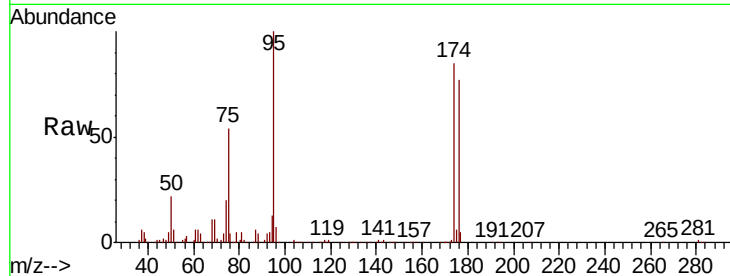




#62
4-Bromofluorobenzene
Concen: 44.165 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000752.D
Acq: 20 Nov 2019 15:15

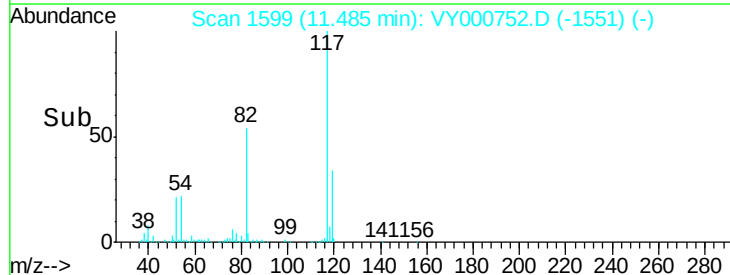
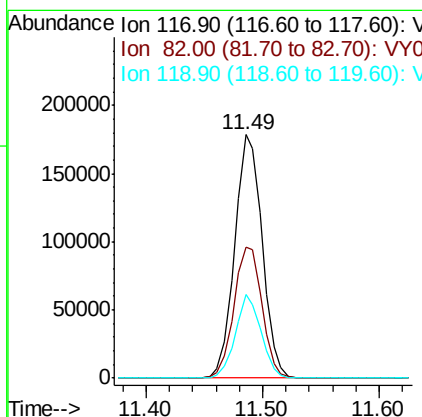
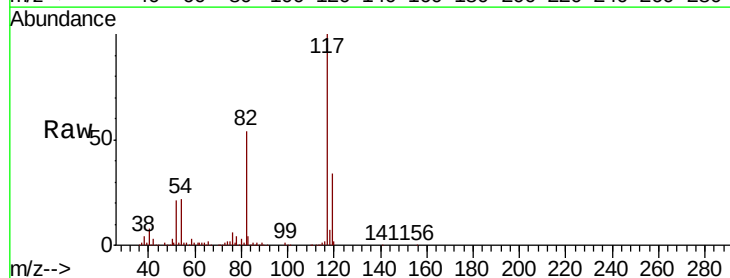
Instrument :
MSVOA_Y
ClientSampleId :
IRONBOUND-8FT

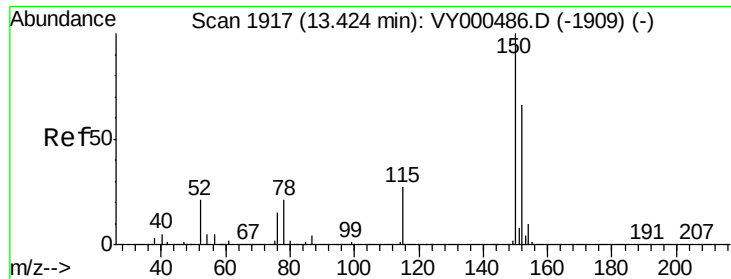
Tot Ion	95	Resp	127673
Ion Ratio	Lower	Upper	
95	100		
174	81.7	0.0	161.6
176	77.4	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000752.D
Acq: 20 Nov 2019 15:15

Tgt Ion	117	Resp	293139
Ion Ratio	Lower	Upper	
117	100		
82	53.9	40.8	61.2
119	34.2	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000752.D

Acq: 20 Nov 2019 15:15

Instrument :

MSVOA_Y

ClientSampleId :

IRONBOUND-8FT

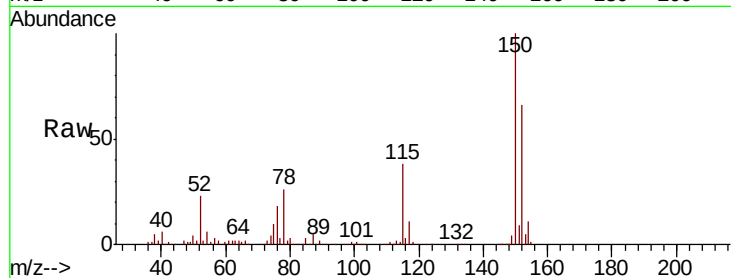
Tot Ion:152 Resp: 130130

Ion Ratio Lower Upper

152 100

115 59.4 29.1 87.4

150 159.3 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

