

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
 Data File : VY001600.D
 Acq On : 11 Feb 2020 15:37
 Operator : SY/MD
 Sample : L1488-04
 Misc : 6.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LF012-TL-WW-200207

Quant Time: Feb 12 08:18:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

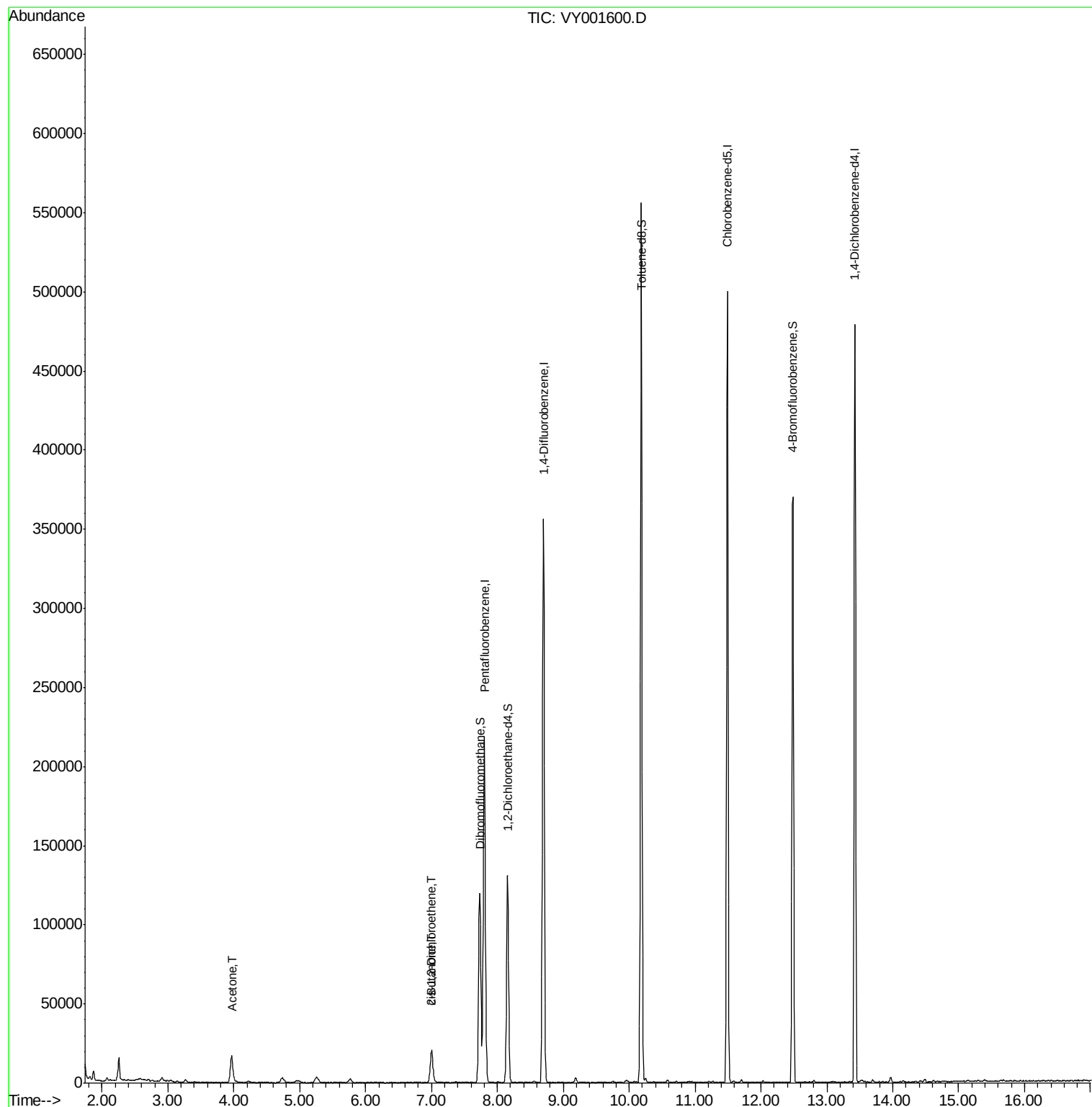
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	164741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	298120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	265840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	118945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99079	59.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.46%	
35) Dibromofluoromethane	7.73	113	86454	50.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.18	98	357519	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
62) 4-Bromofluorobenzene	12.49	95	119898	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
Target Compounds						
16) Acetone	3.97	43	30077	62.687	ug/l	98
25) 2-Butanone	7.00	43	4194	6.738	ug/l	92
27) cis-1,2-Dichloroethene	7.00	96	6115	2.908	ug/l	98

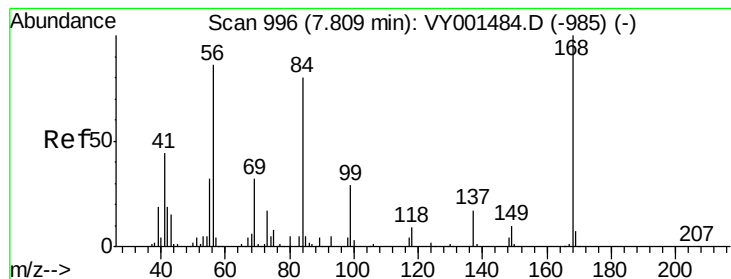
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001600.D

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MSVOA_Y

ClientSampleId :

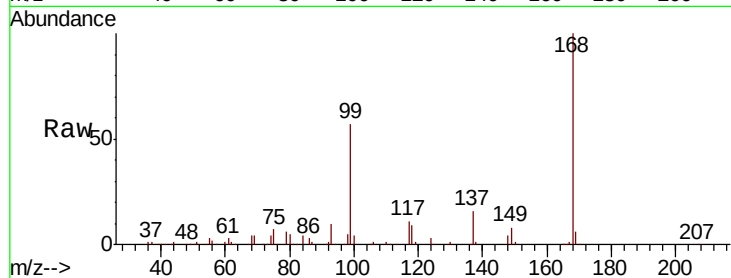
LF012-TL-VW-200207

Tot Ion:168 Resp: 164741

Ion Ratio Lower Upper

168 100

99 56.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.80

80000

60000

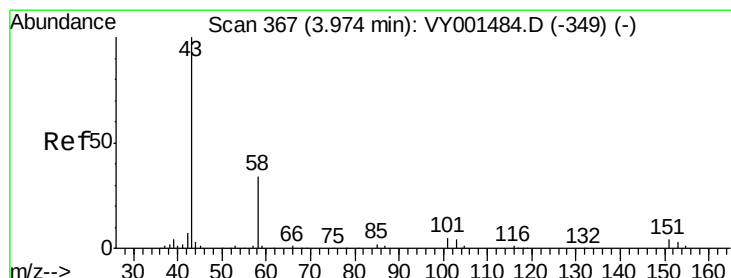
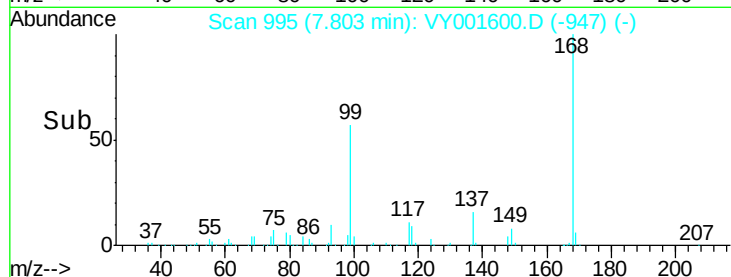
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 62.687 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001600.D

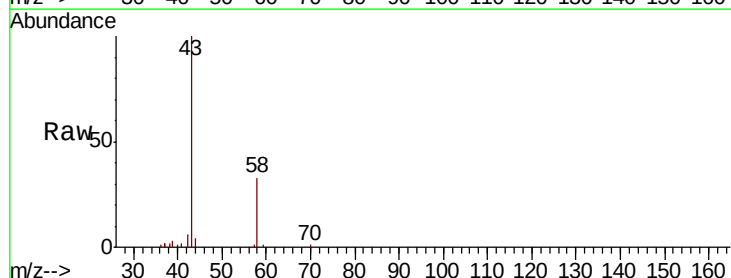
Acq: 11 Feb 2020 15:37

Tgt Ion: 43 Resp: 30077

Ion Ratio Lower Upper

43 100

58 33.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY001484.D (-349) (-)

3.97

12000

10000

8000

6000

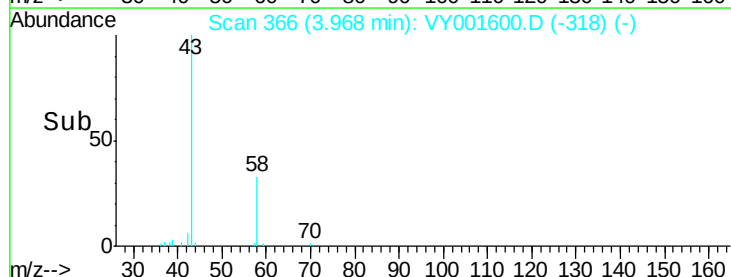
4000

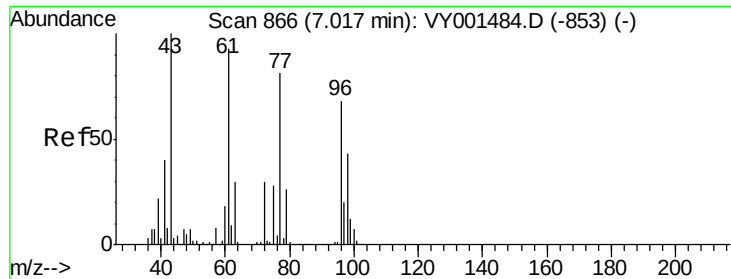
2000

0

3.90 4.00 4.10

Time-->





#25

2-Butanone

Concen: 6.738 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001600.D

Acq: 11 Feb 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

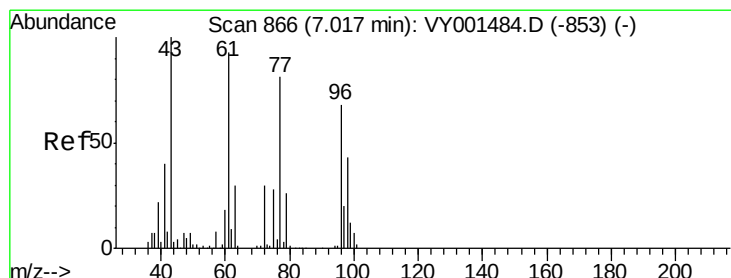
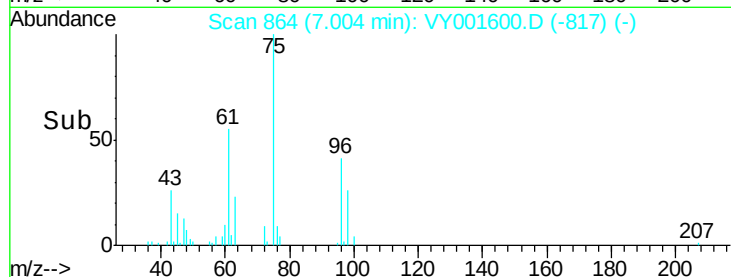
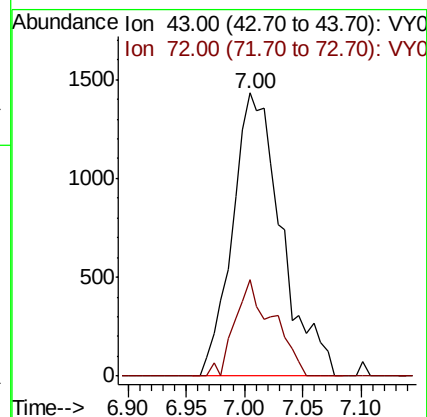
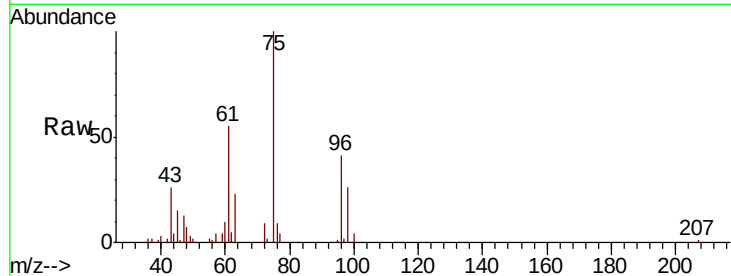
LF012-TL-VW-200207

Tot Ion: 43 Resp: 4194

Ion Ratio Lower Upper

43 100

72 33.9 23.8 35.8



#27

cis-1,2-Dichloroethene

Concen: 2.908 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001600.D

Acq: 11 Feb 2020 15:37

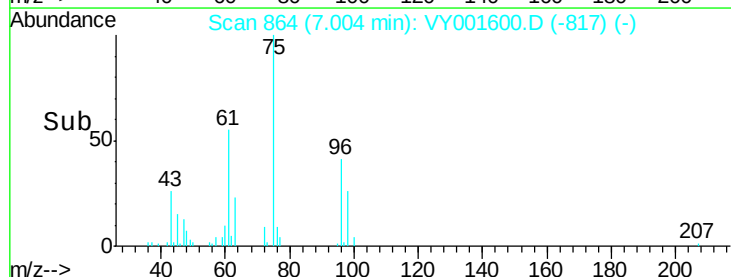
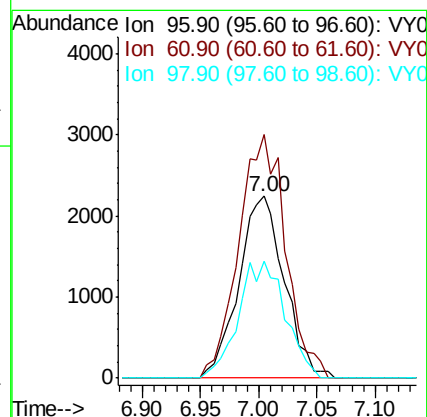
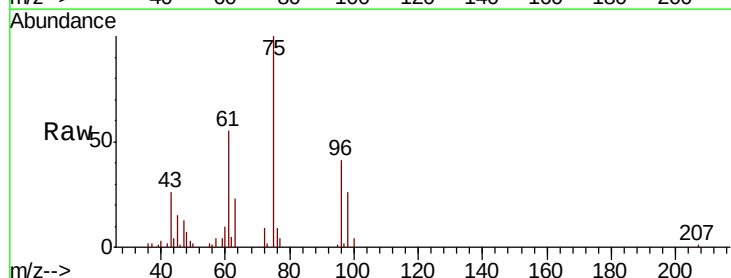
Tgt Ion: 96 Resp: 6115

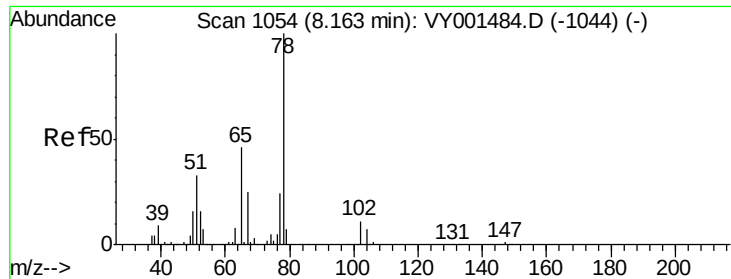
Ion Ratio Lower Upper

96 100

61 137.6 0.0 278.8

98 66.0 0.0 128.8

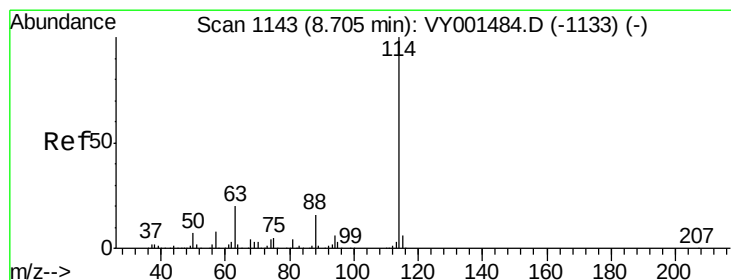
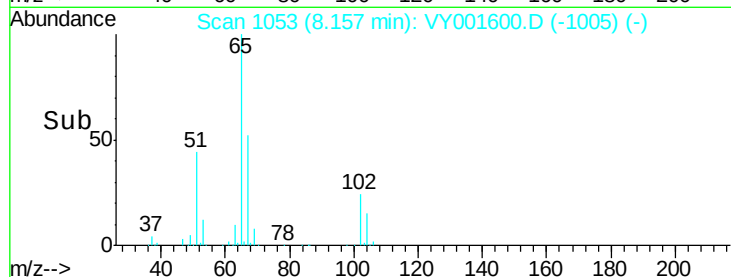
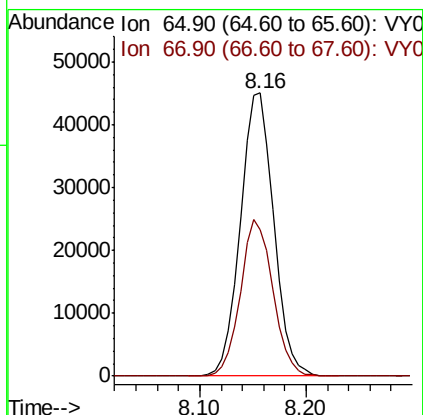
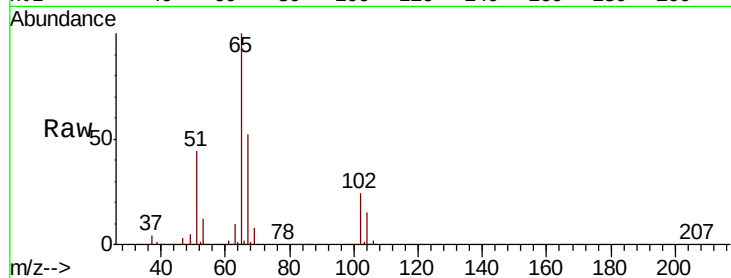




#33
 1,2-Dichloroethane-d4
 Concen: 59.733 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001600.D
 Acq: 11 Feb 2020 15:37

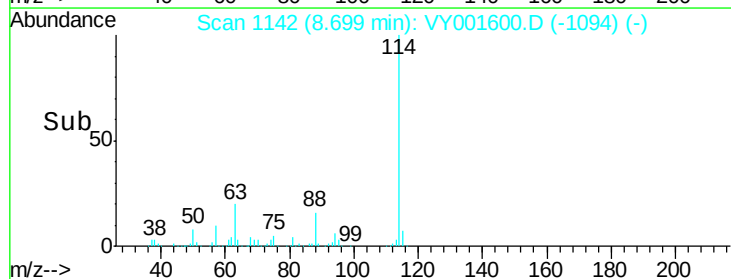
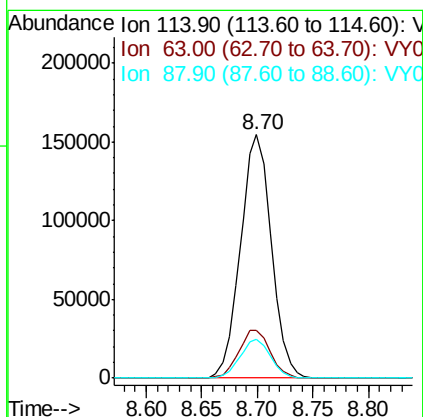
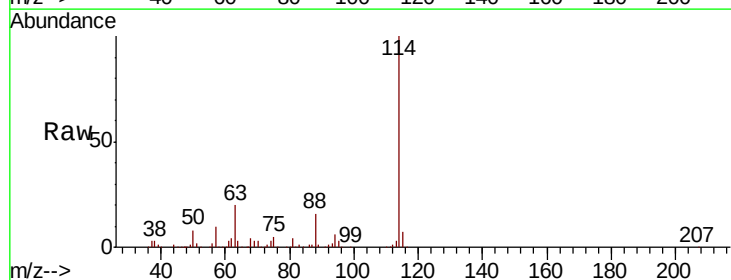
Instrument :
 MSVOA_Y
 ClientSampleId :
 LF012-TL-VW-200207

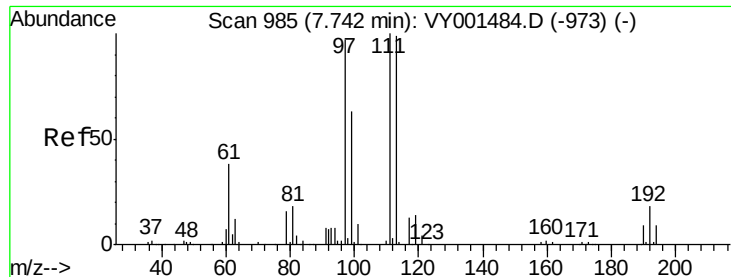
Tot Ion: 65 Resp: 99079
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001600.D
 Acq: 11 Feb 2020 15:37

Tgt Ion: 114 Resp: 298120
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.290 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY001600.D

Acq: 11 Feb 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

LF012-TL-VW-200207

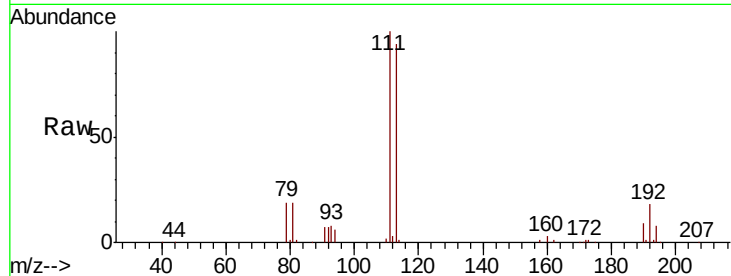
Tot Ion:113 Resp: 86454

Ion Ratio Lower Upper

113 100

111 105.4 82.9 124.3

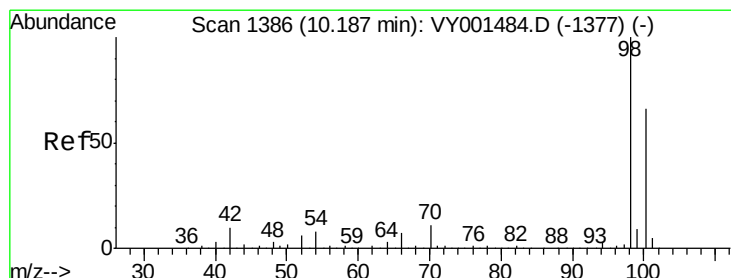
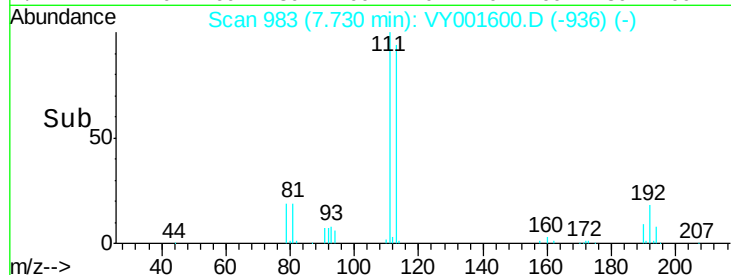
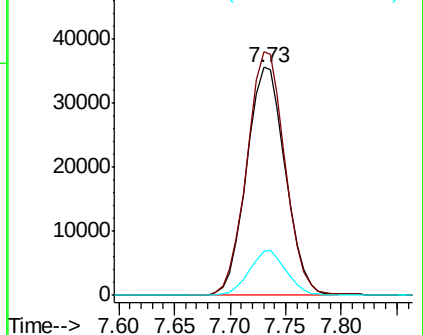
192 18.6 14.6 22.0



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: 54.968 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001600.D

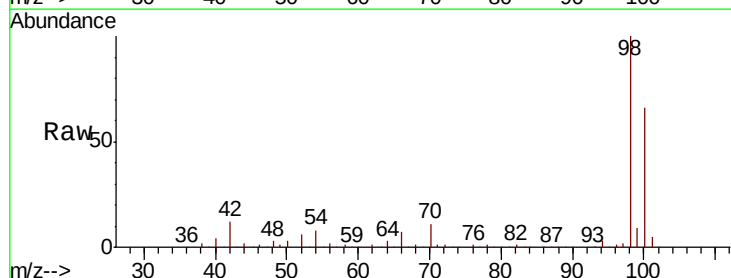
Acq: 11 Feb 2020 15:37

Tgt Ion: 98 Resp: 357519

Ion Ratio Lower Upper

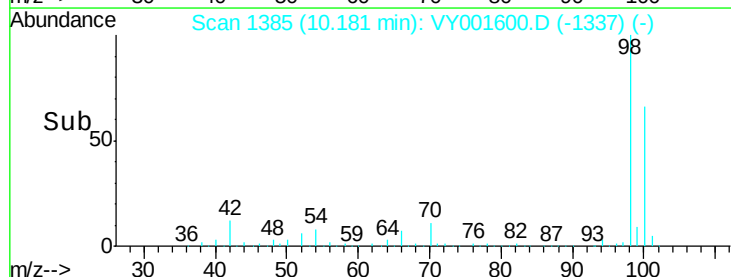
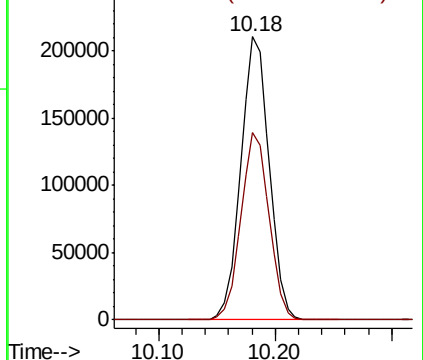
98 100

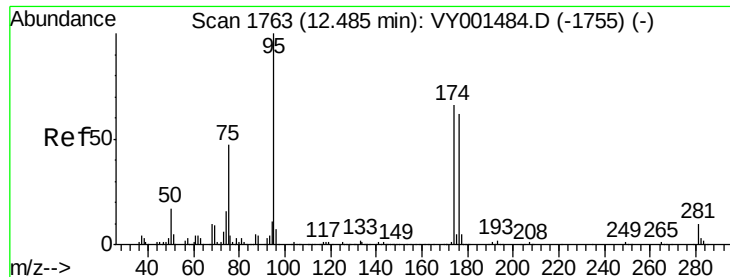
100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

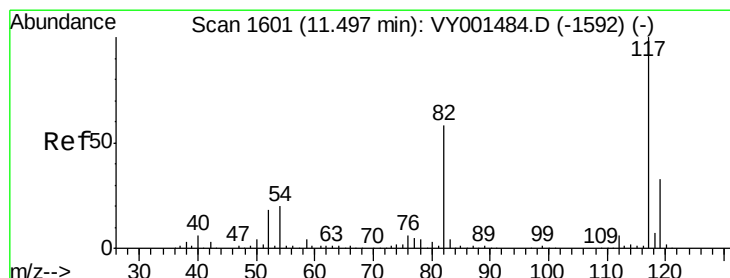
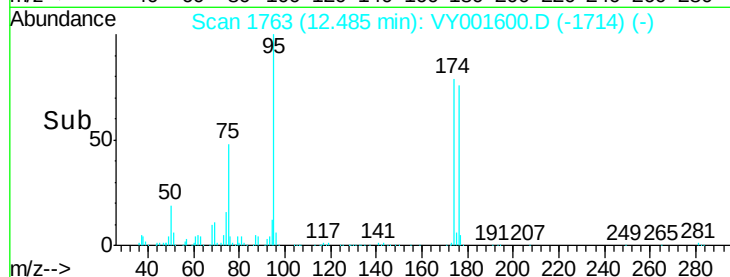
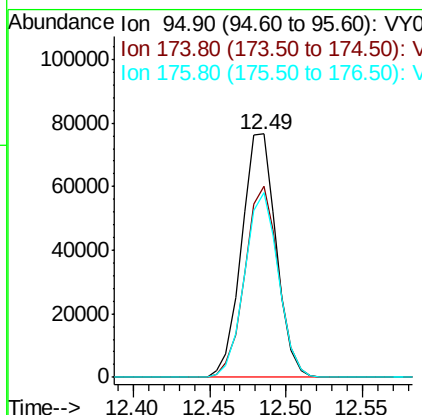
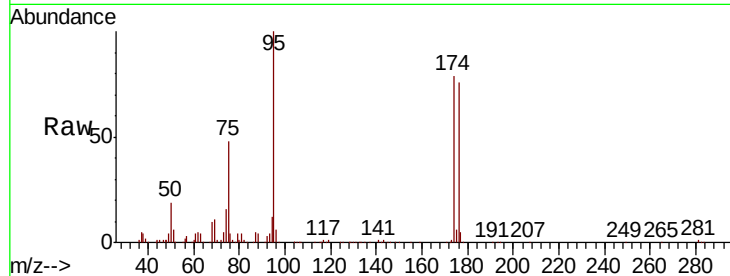




#62
4-Bromofluorobenzene
Concen: 46.794 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY001600.D
Acq: 11 Feb 2020 15:37

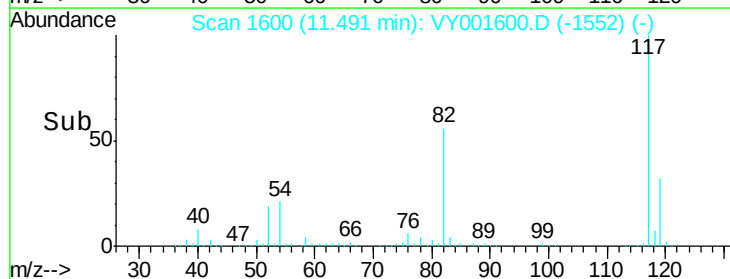
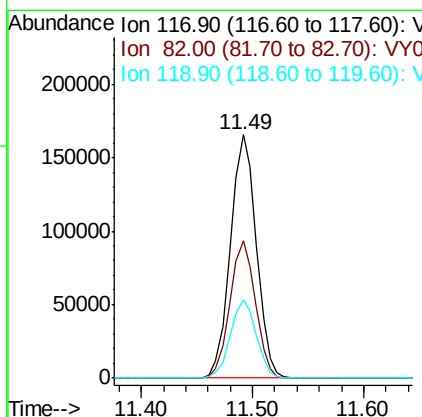
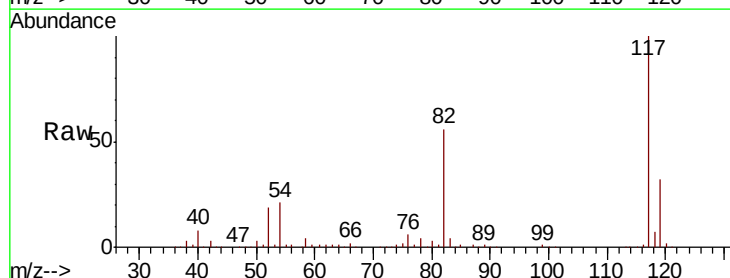
Instrument :
MSVOA_Y
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LF012-TL-VW-200207

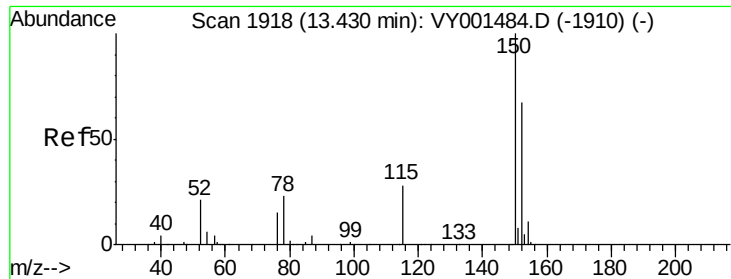
Tot Ion	95	Resp	119898
Ion Ratio	100		
Lower			
Upper			
174	76.4	0.0	141.4
176	74.3	0.0	135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001600.D
Acq: 11 Feb 2020 15:37

Tgt Ion	117	Resp	265840
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
82	56.4	46.1	69.1
119	32.2	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001600.D

Acq: 11 Feb 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

LF012-TL-WW-200207

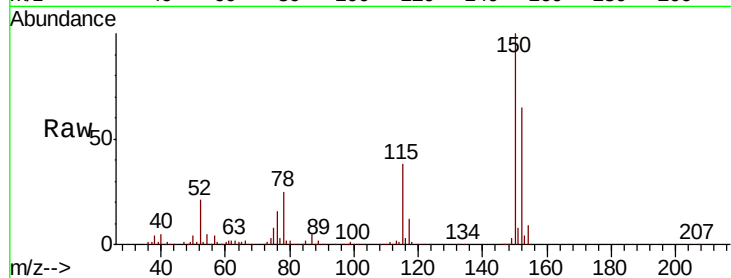
Tot Ion:152 Resp: 118945

Ion Ratio Lower Upper

152 100

115 59.5 31.4 94.3

150 157.6 0.0 346.8



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

