

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
 Data File : VY001601.D
 Acq On : 11 Feb 2020 15:59
 Operator : SY/MD
 Sample : L1488-05
 Misc : 6.68G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 12 08:19:54 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

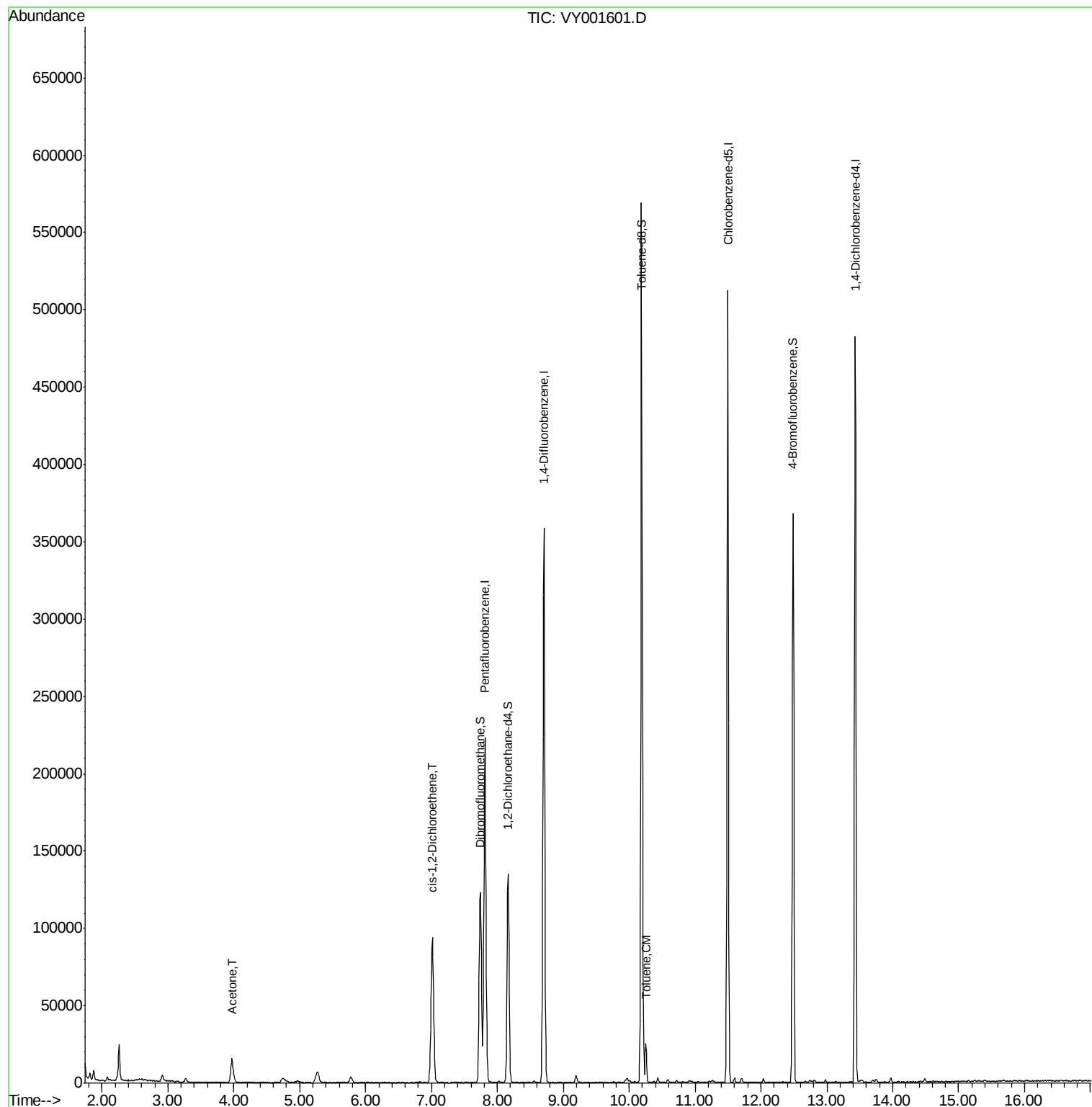
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	167547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	302236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	267725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	117581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99640	59.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.12%	
35) Dibromofluoromethane	7.74	113	87925	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	10.19	98	359203	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
62) 4-Bromofluorobenzene	12.49	95	122278	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
Target Compounds						
16) Acetone	3.97	43	26439	54.182	ug/l	94
27) cis-1,2-Dichloroethene	7.02	96	55877	26.124	ug/l	93
52) Toluene	10.25	92	10288	2.056	ug/l	97

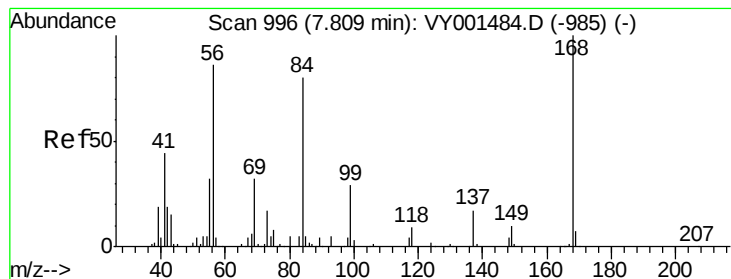
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
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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: VY001601.D

Acq: 11 Feb 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

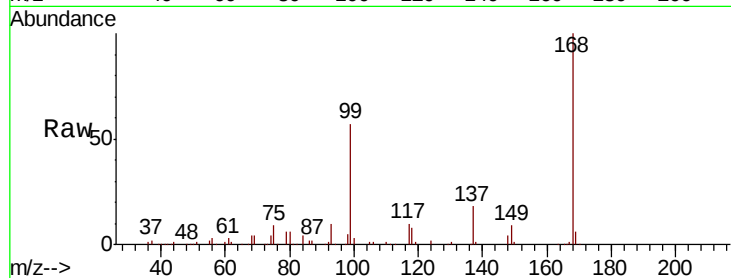
LF012-TL-FL-200207

Tot Ion:168 Resp: 167547

Ion Ratio Lower Upper

168 100

99 56.7 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) (-)

7.81

80000

60000

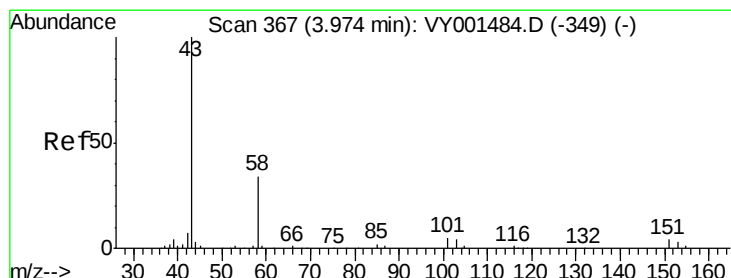
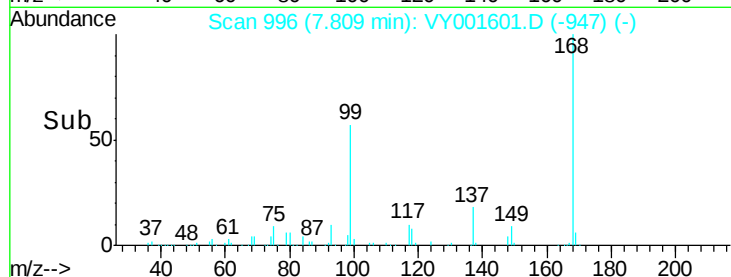
40000

20000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 54.182 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001601.D

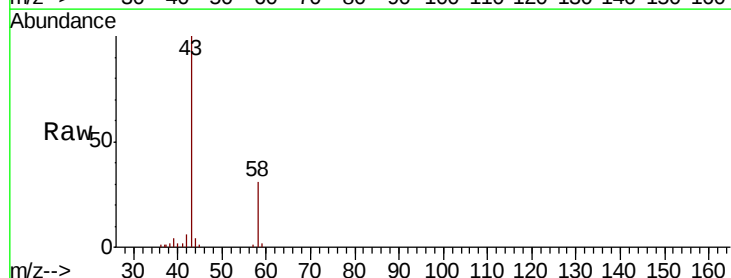
Acq: 11 Feb 2020 15:59

Tgt Ion: 43 Resp: 26439

Ion Ratio Lower Upper

43 100

58 31.0 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

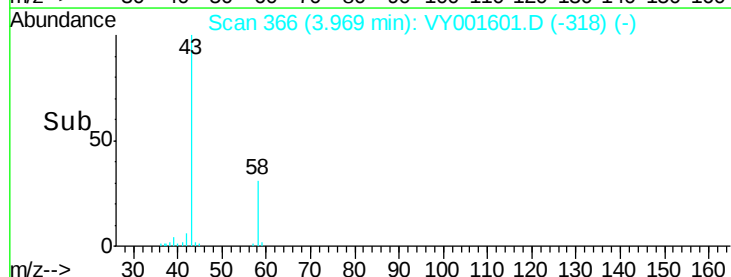
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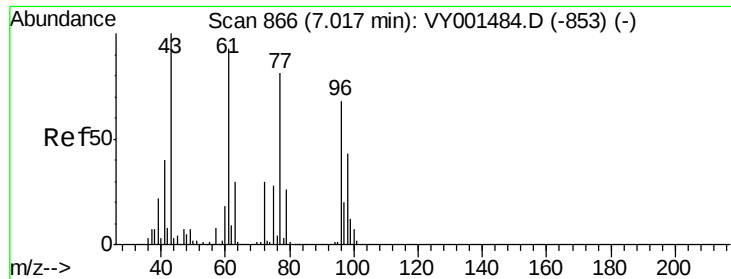
2000

0

Time-->

3.90 4.00 4.10



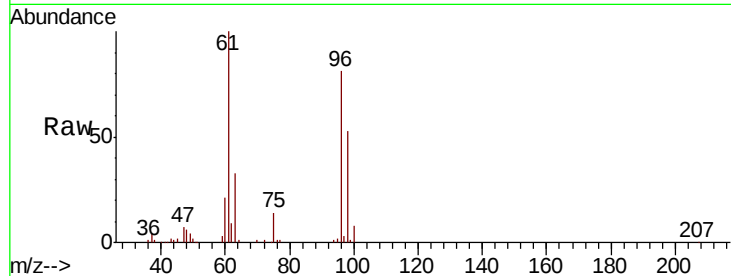


#27

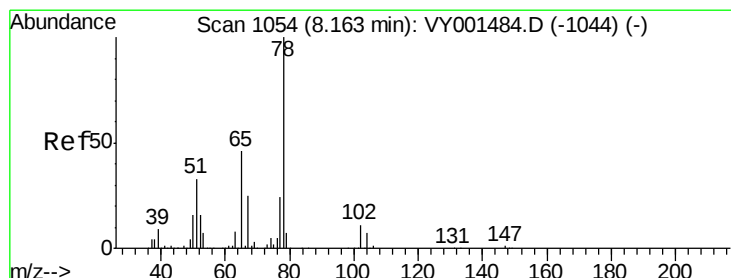
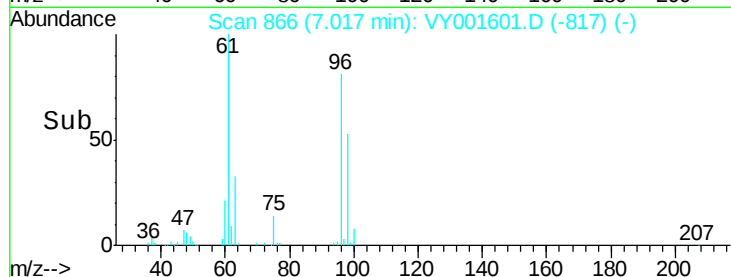
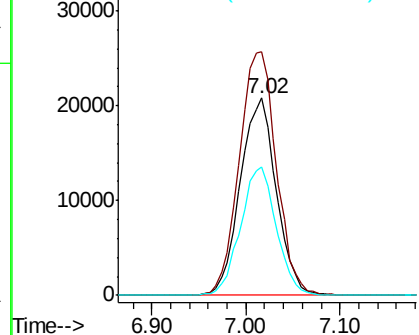
cis-1,2-Dichloroethene
 Concen: 26.124 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VY001601.D
 Acq: 11 Feb 2020 15:59

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

Tot Ion	96	Resp	55877
Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	278.8
98	64.4	0.0	128.8



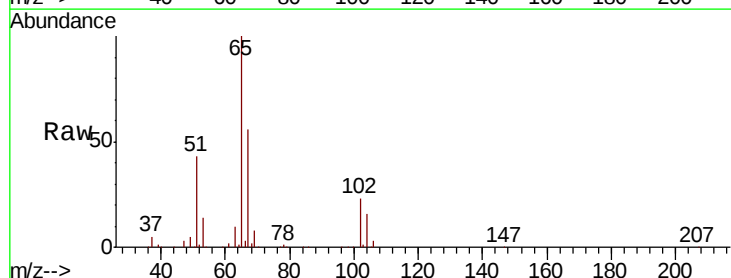
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



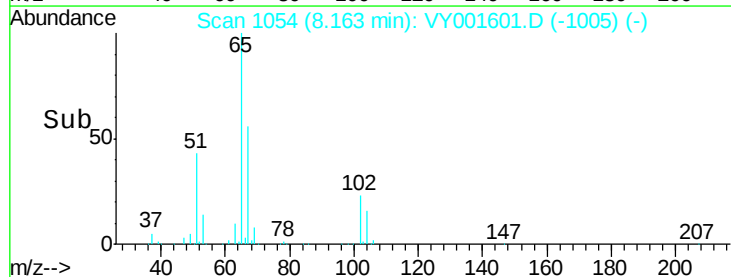
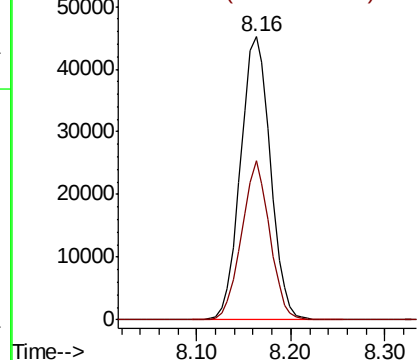
#33

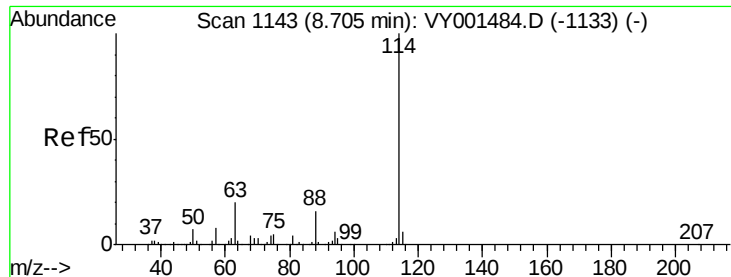
1,2-Dichloroethane-d4
 Concen: 59.065 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001601.D
 Acq: 11 Feb 2020 15:59

Tgt Ion	65	Resp	99640
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0
 Ion 66.90 (66.60 to 67.60): VY0

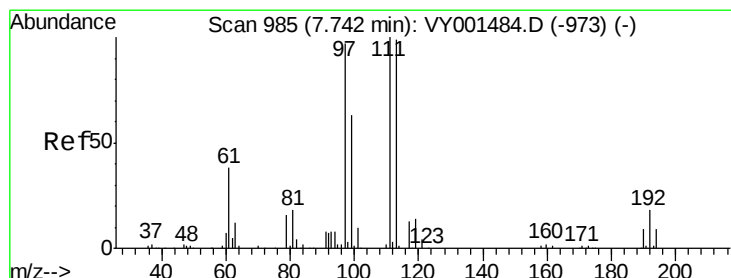
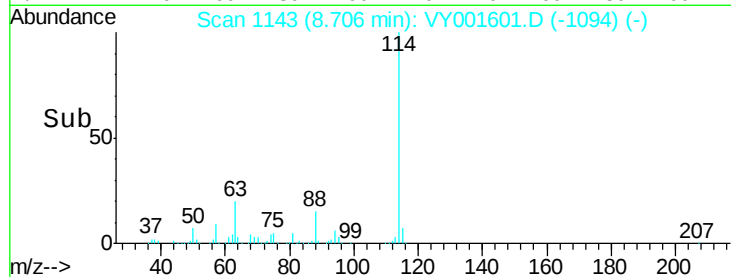
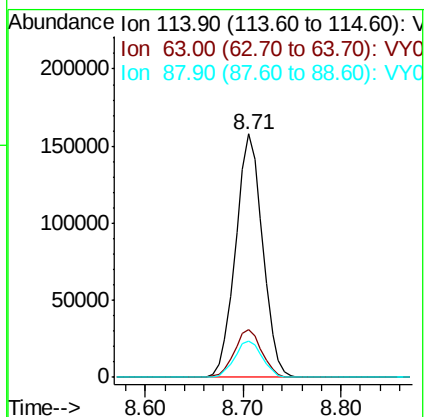
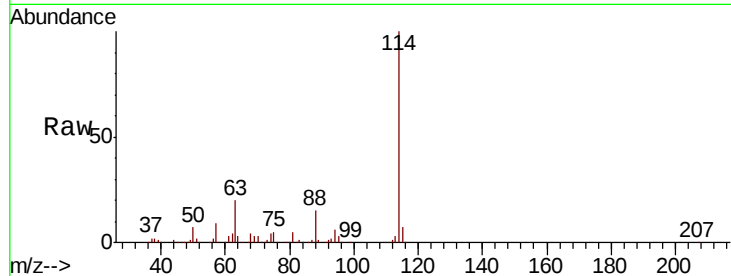




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VY001601.D
Acq: 11 Feb 2020 15:59

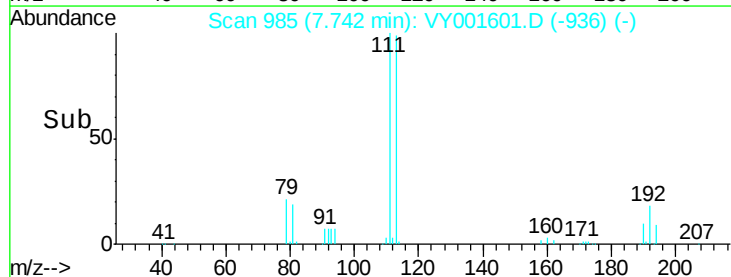
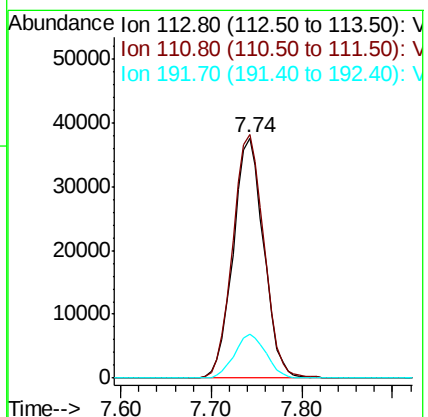
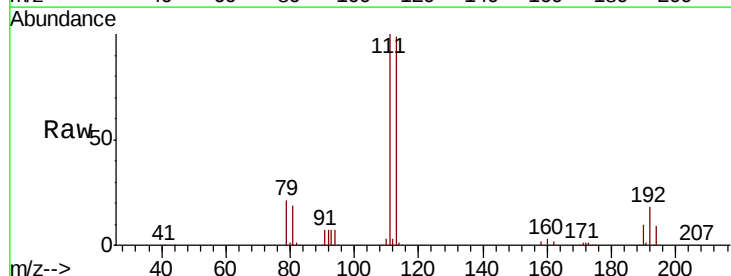
Instrument :
MSVOA_Y
ClientSampleId :
LF012-TL-FL-200207

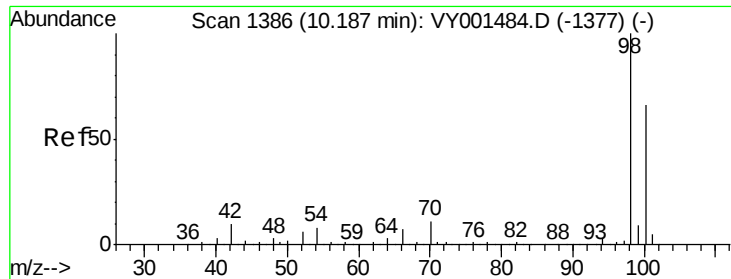
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.8
88	14.9	0.0	32.6



#35
Dibromofluoromethane
Concen: 50.449 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.00 min
Lab File: VY001601.D
Acq: 11 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	18.9	14.6	22.0





#50

Toluene-d8

Concen: 54.475 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001601.D

Acq: 11 Feb 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

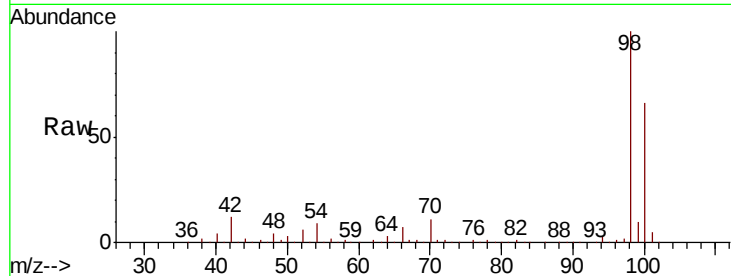
LF012-TL-FL-200207

Tot Ion: 98 Resp: 359203

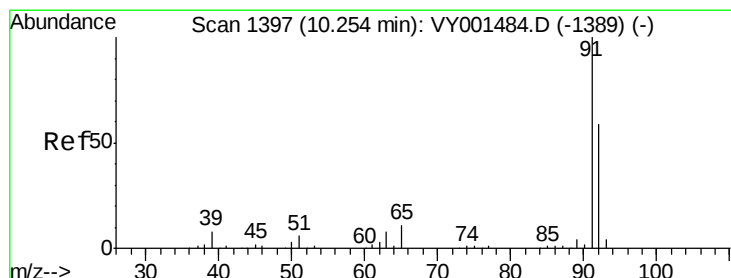
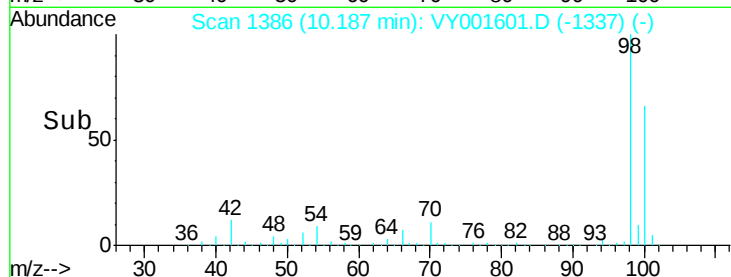
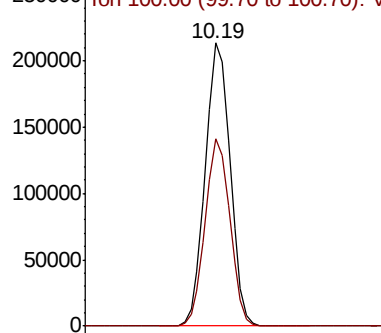
Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001484.D (-1377) (-)



#52

Toluene

Concen: 2.056 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001601.D

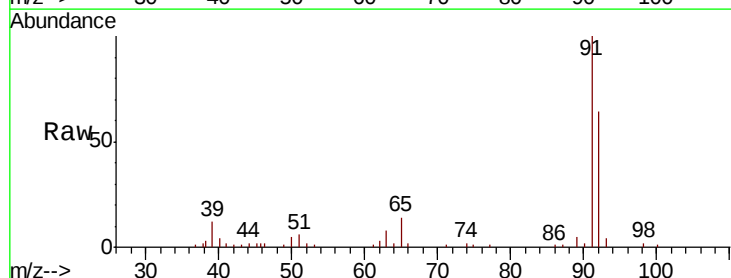
Acq: 11 Feb 2020 15:59

Tgt Ion: 92 Resp: 10288

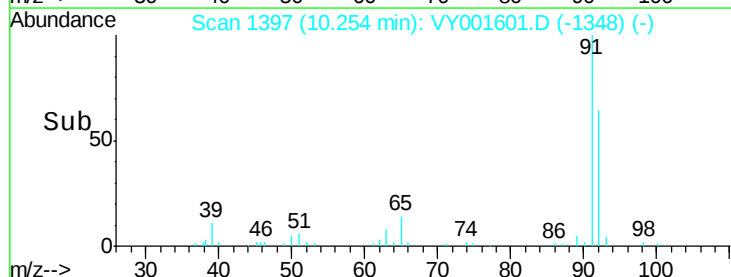
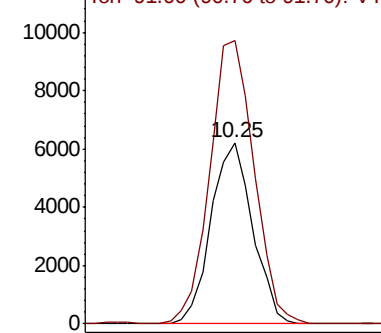
Ion Ratio Lower Upper

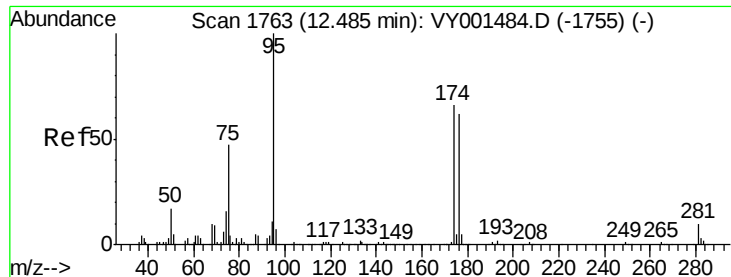
92 100

91 166.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001484.D (-1389) (-)

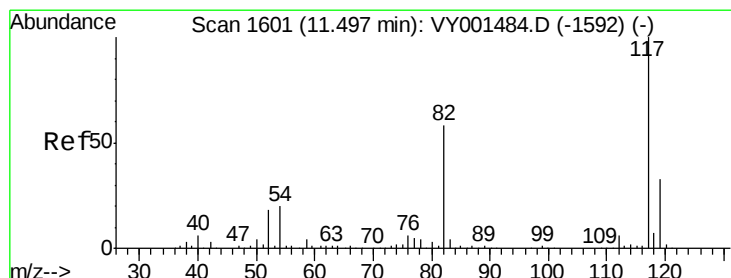
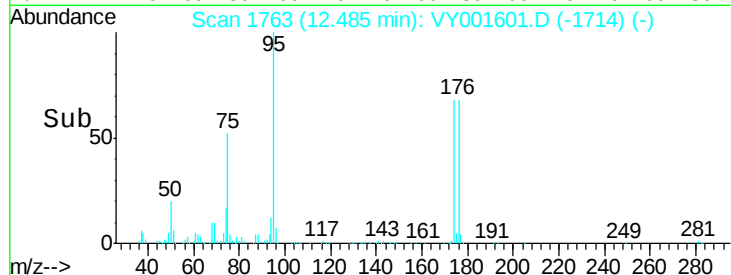
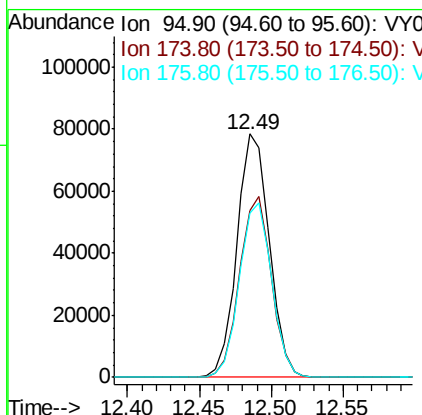
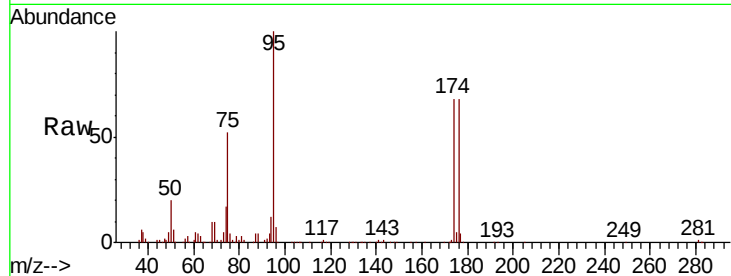




#62
4-Bromofluorobenzene
Concen: 47.073 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY001601.D
Acq: 11 Feb 2020 15:59

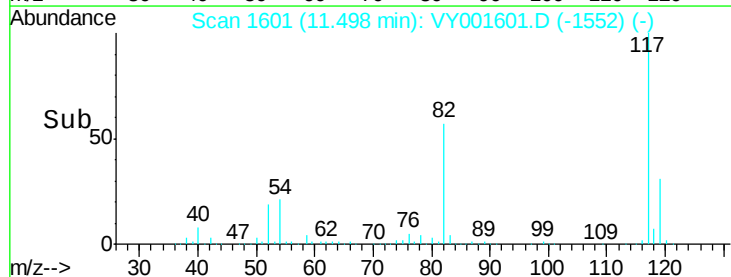
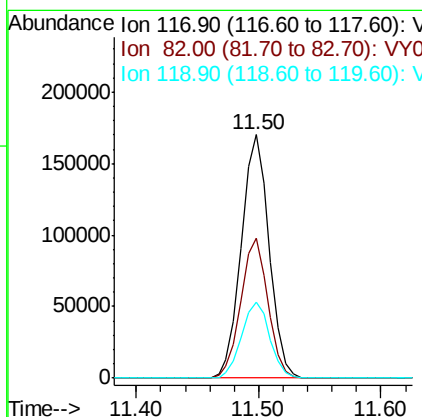
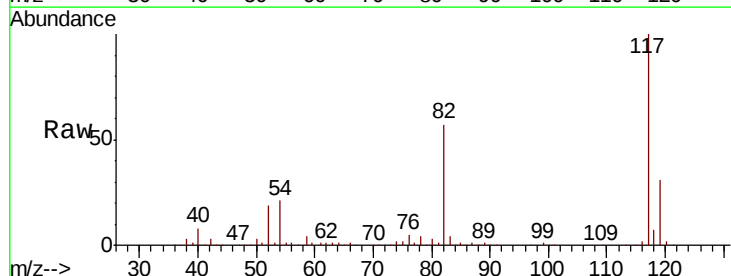
Instrument :
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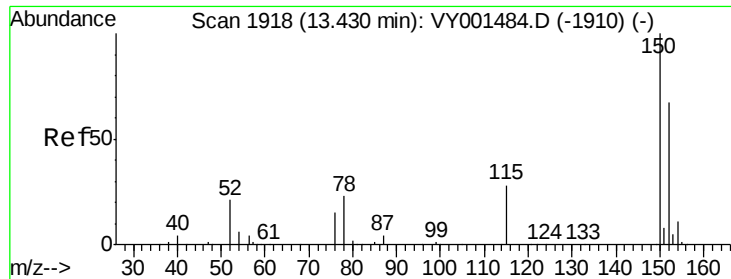
Tot Ion	95	Resp	122278
Ion Ratio	Lower	Upper	
95	100		
174	73.0	0.0	141.4
176	71.5	0.0	135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001601.D
Acq: 11 Feb 2020 15:59

Tgt Ion	117	Resp	267725
Ion Ratio	Lower	Upper	
117	100		
82	57.3	46.1	69.1
119	31.2	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: VY001601.D

Acq: 11 Feb 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

LF012-TL-FL-200207

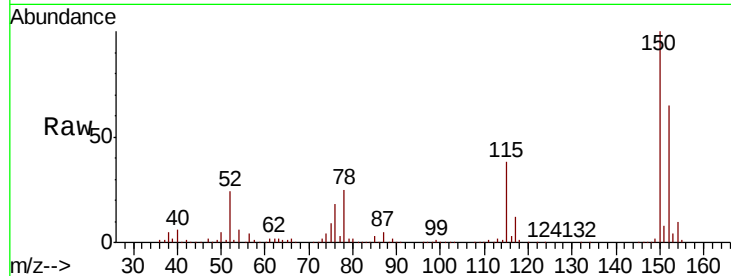
Tot Ion:152 Resp: 117581

Ion Ratio Lower Upper

152 100

115 59.4 31.4 94.3

150 154.2 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

