

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
 Data File : VY001604.D
 Acq On : 11 Feb 2020 17:05
 Operator : SY/MD
 Sample : L1488-02RE
 Misc : 5.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LF012-TL-EW-200207RE

Quant Time: Feb 12 08:25:24 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

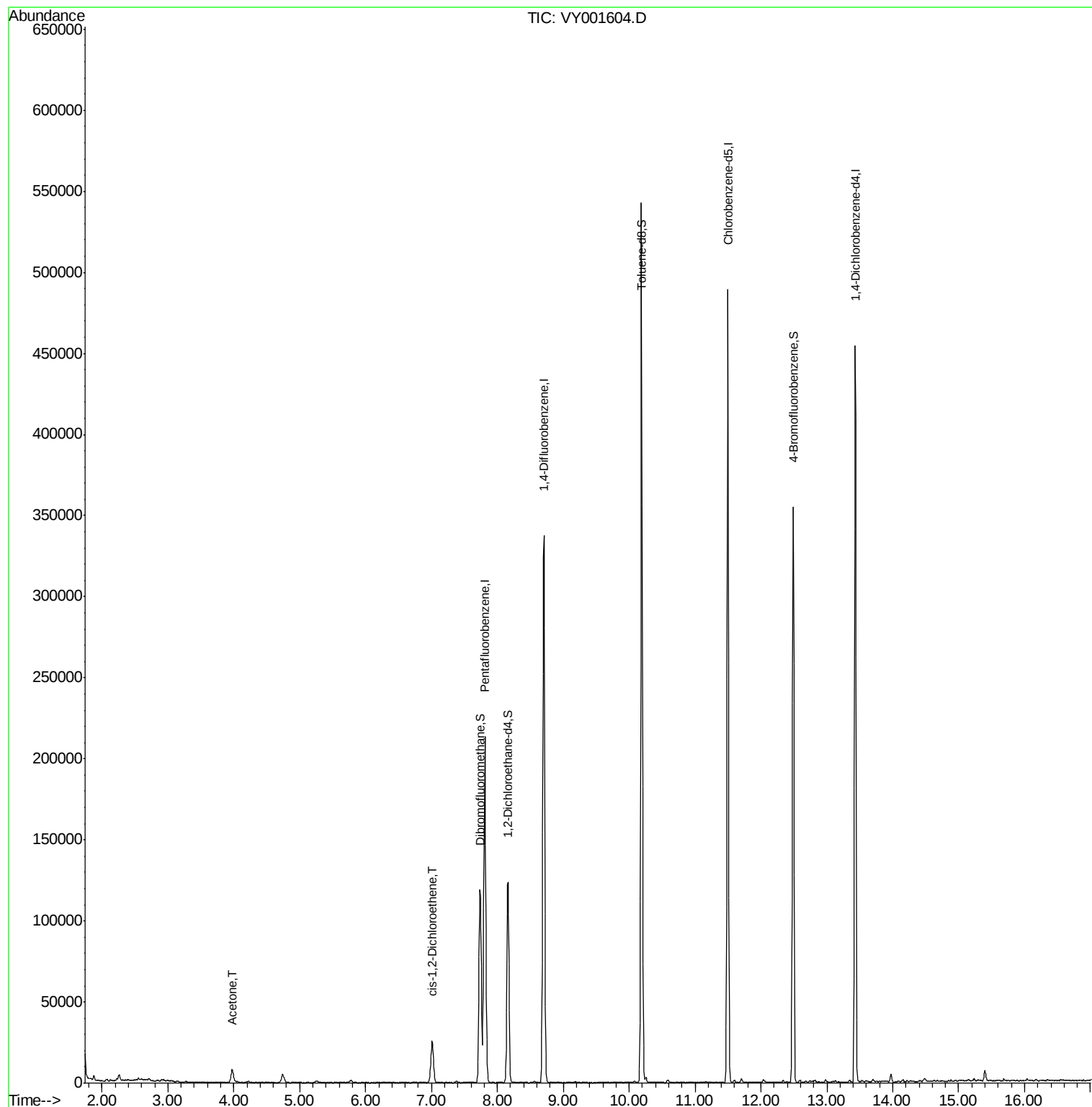
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	164325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	110493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	95687	57.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.66%	
35) Dibromofluoromethane	7.74	113	86083	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
50) Toluene-d8	10.19	98	351846	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
62) 4-Bromofluorobenzene	12.49	95	115806	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
Target Compounds						
16) Acetone	3.97	43	14372	30.030	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	15630	7.451	ug/l	93

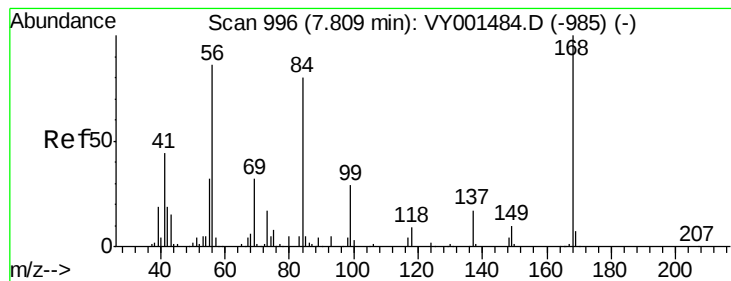
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001604.D

Acq: 11 Feb 2020 17:05

Instrument :

MSVOA_Y

ClientSampleId :

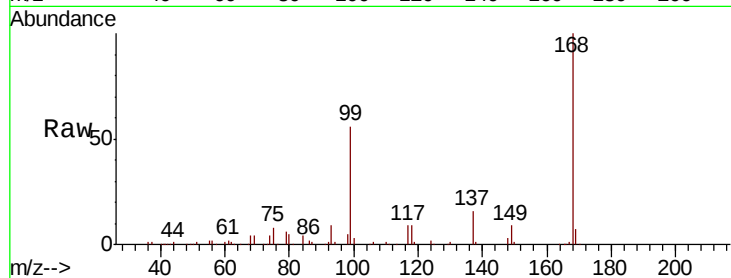
LF012-TL-EW-200207RE

Tot Ion:168 Resp: 164325

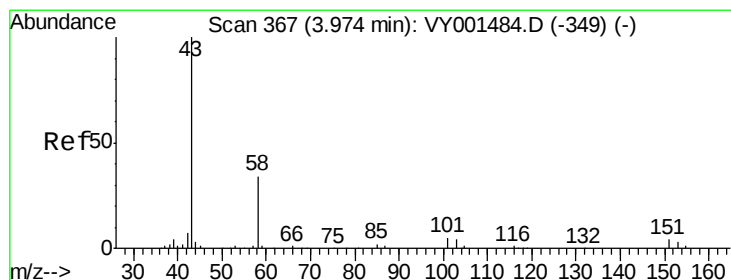
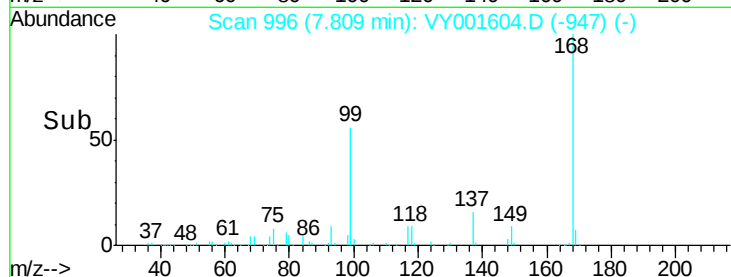
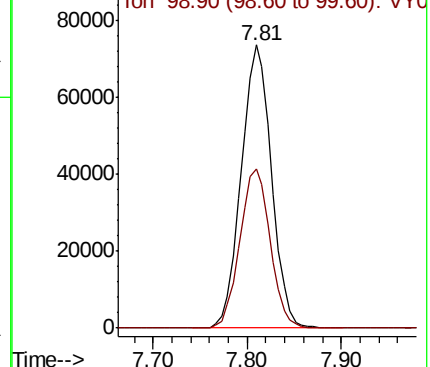
Ion Ratio Lower Upper

168 100

99 56.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001604.D (-947) (-)



#16

Acetone

Concen: 30.030 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001604.D

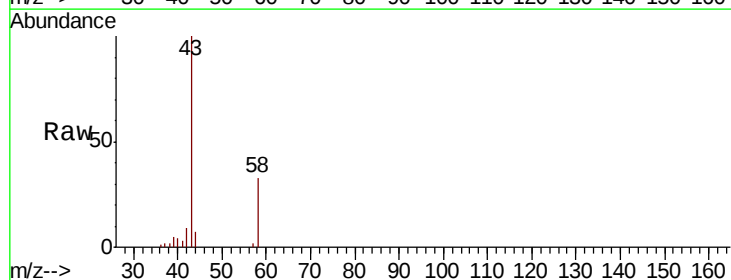
Acq: 11 Feb 2020 17:05

Tgt Ion: 43 Resp: 14372

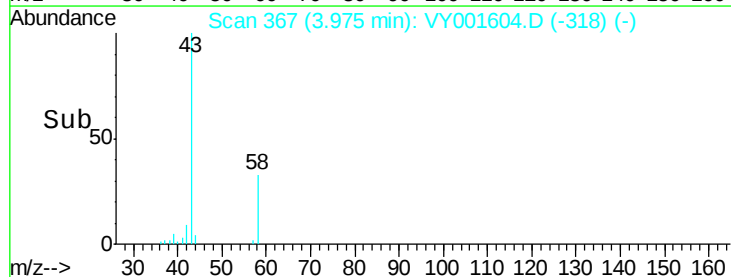
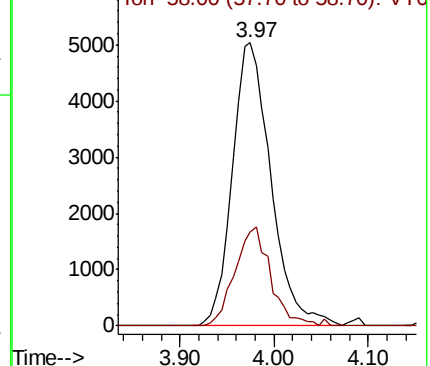
Ion Ratio Lower Upper

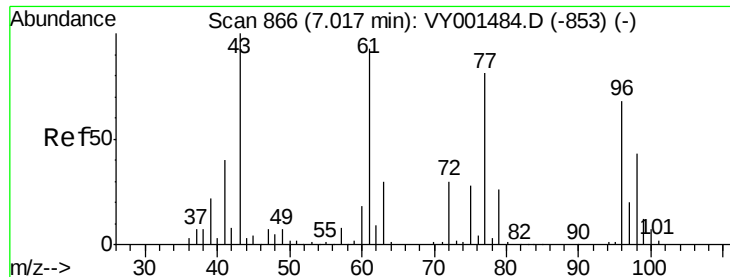
43 100

58 33.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001604.D (-318) (-)



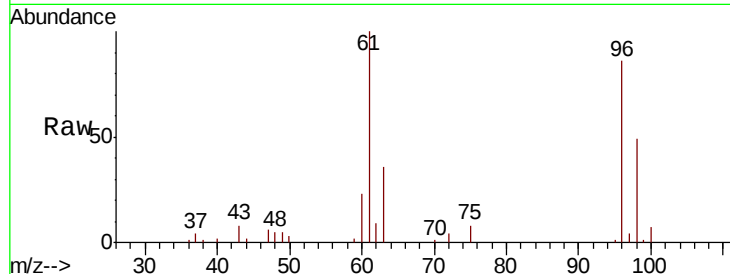


#27

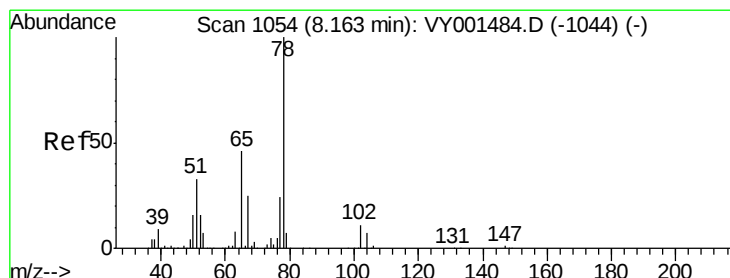
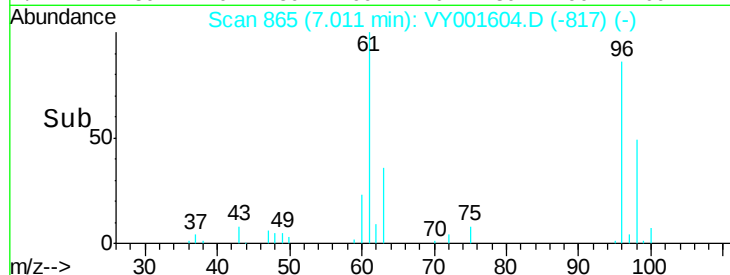
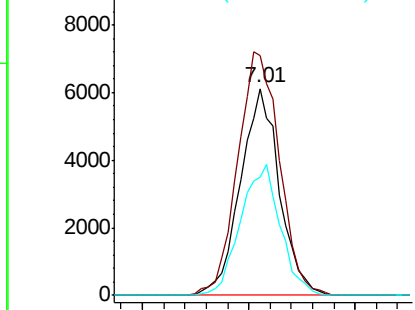
cis-1,2-Dichloroethene
Concen: 7.451 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001604.D
Acq: 11 Feb 2020 17:05

Instrument :
MSVOA_Y
ClientSampleId :
LF012-TL-EW-200207RE

Tot Ion: 96 Resp: 15630
Ion Ratio Lower Upper
96 100
61 126.8 0.0 278.8
98 64.8 0.0 128.8



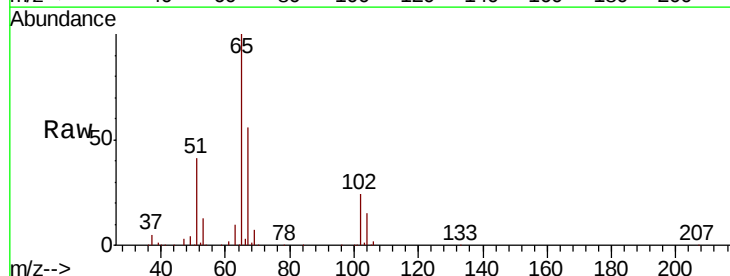
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



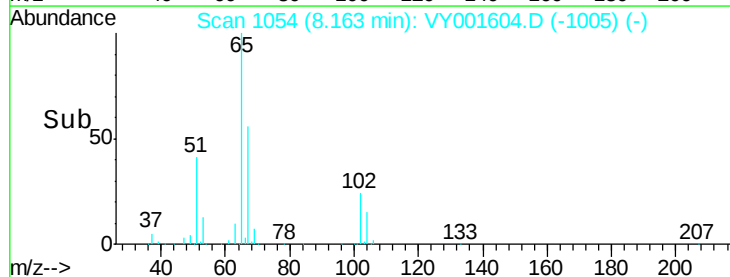
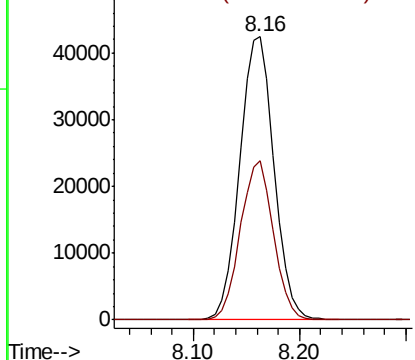
#33

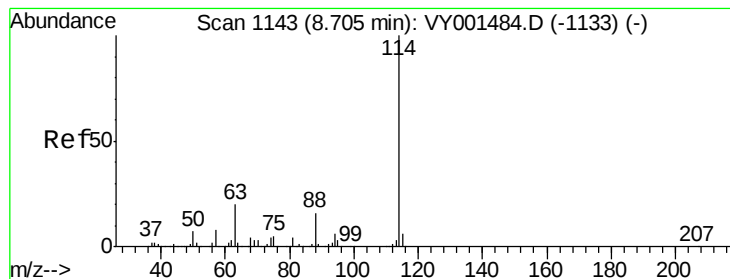
1,2-Dichloroethane-d4
Concen: 57.834 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY001604.D
Acq: 11 Feb 2020 17:05

Tgt Ion: 65 Resp: 95687
Ion Ratio Lower Upper
65 100
67 54.3 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: VY001604.D

Acq: 11 Feb 2020 17:05

Instrument :

MSVOA_Y

ClientSampleId :

LF012-TL-EW-200207RE

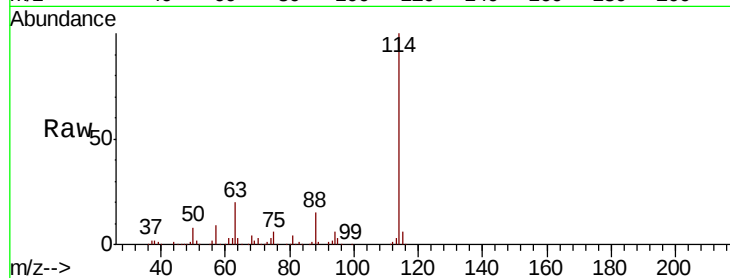
Tot Ion:114 Resp: 294235

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

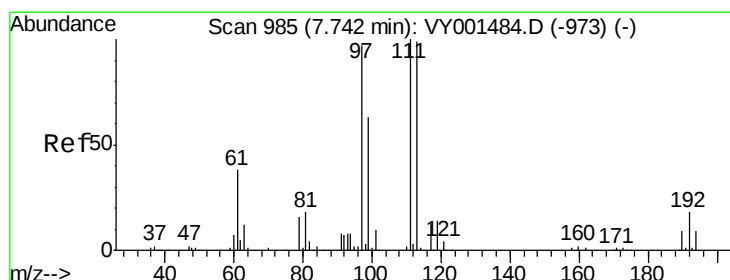
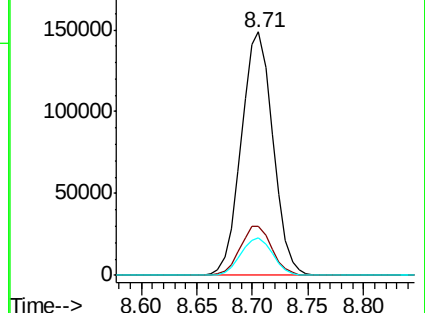
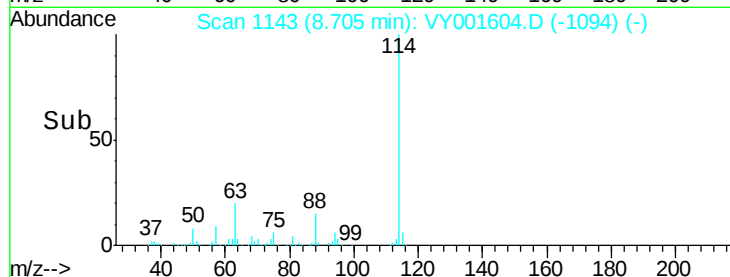
88 15.5 0.0 32.6



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: 50.736 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001604.D

Acq: 11 Feb 2020 17:05

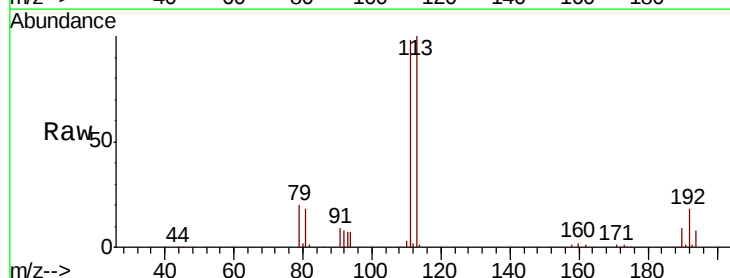
Tgt Ion:113 Resp: 86083

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

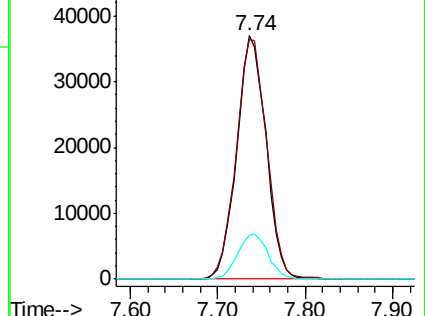
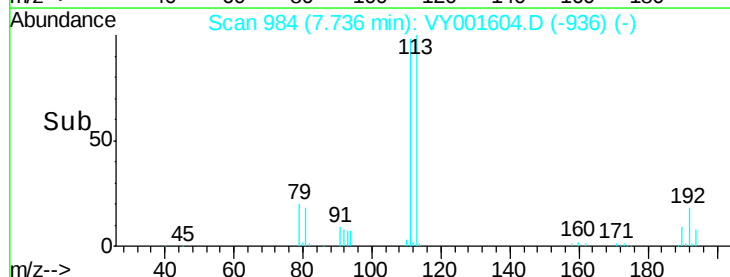
192 19.4 14.6 22.0

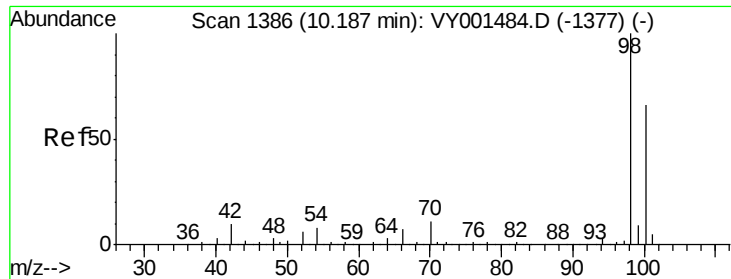


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.810 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001604.D

Acq: 11 Feb 2020 17:05

Instrument :

MSVOA_Y

ClientSampleId :

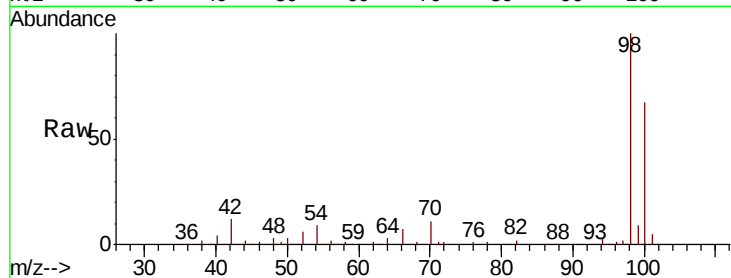
LF012-TL-EW-200207RE

Tot Ion: 98 Resp: 351846

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

200000

150000

100000

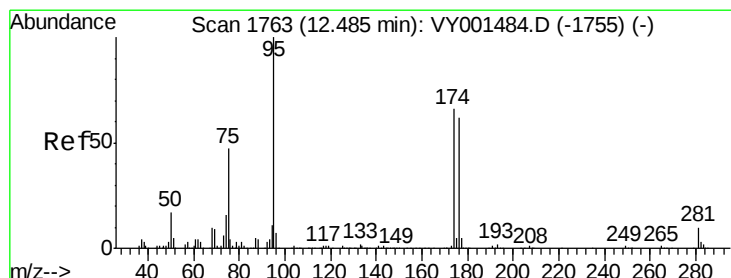
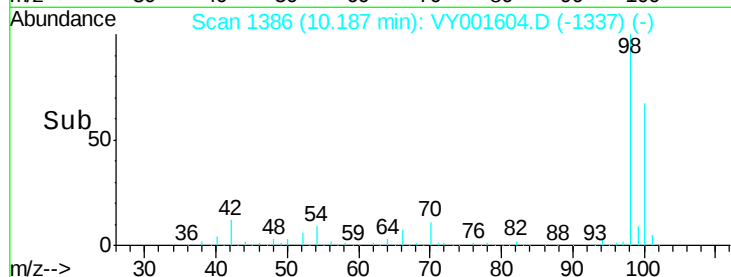
50000

0

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 45.793 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001604.D

Acq: 11 Feb 2020 17:05

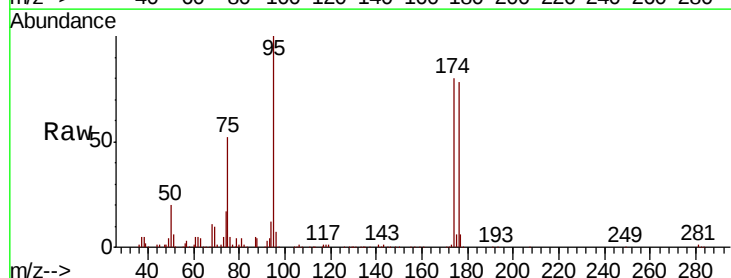
Tgt Ion: 95 Resp: 115806

Ion Ratio Lower Upper

95 100

174 77.0 0.0 141.4

176 73.1 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

40000

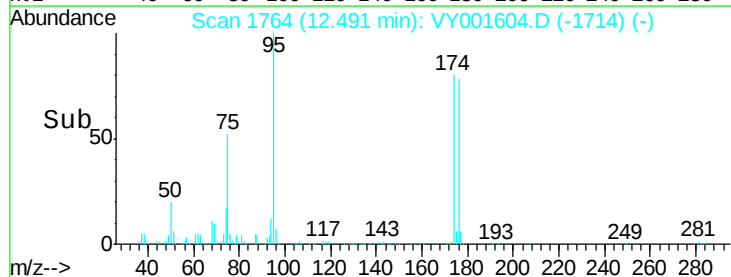
20000

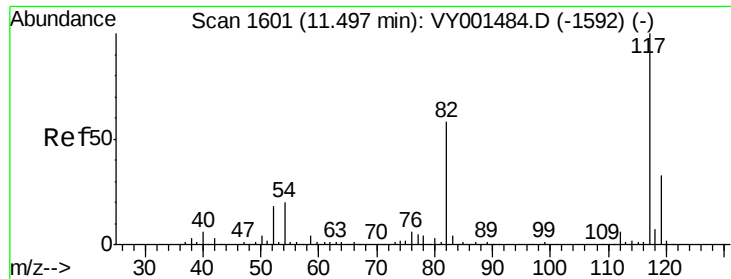
0

12.40

12.50

Time-->

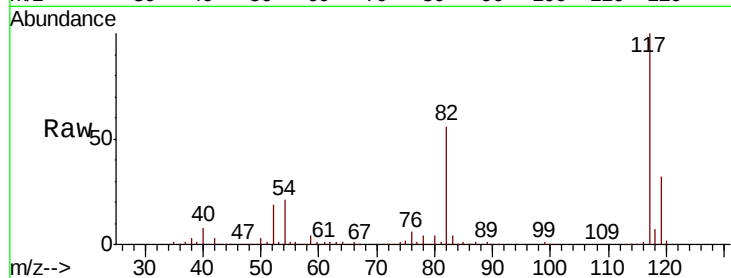




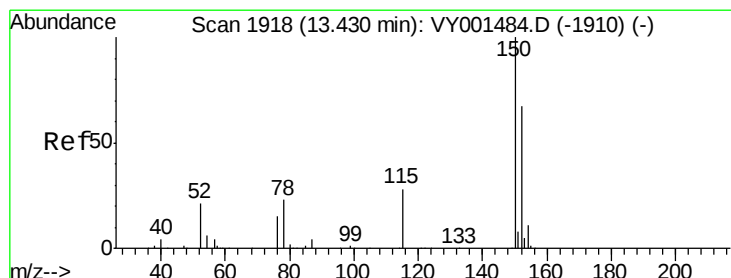
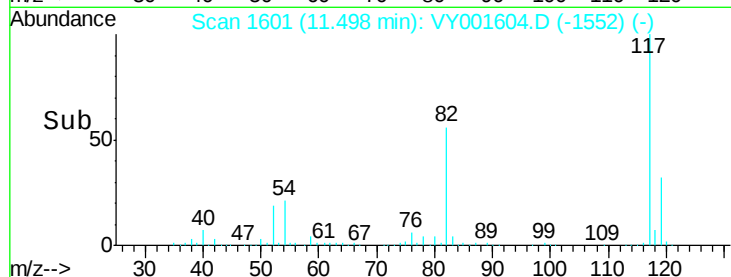
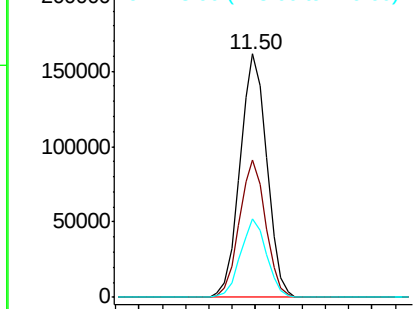
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001604.D
Acq: 11 Feb 2020 17:05

Instrument :
MSVOA_Y
ClientSampleId :
LF012-TL-EW-200207RE

Tot Ion:117 Resp: 259179
Ion Ratio Lower Upper
117 100
82 56.3 46.1 69.1
119 32.0 26.1 39.1

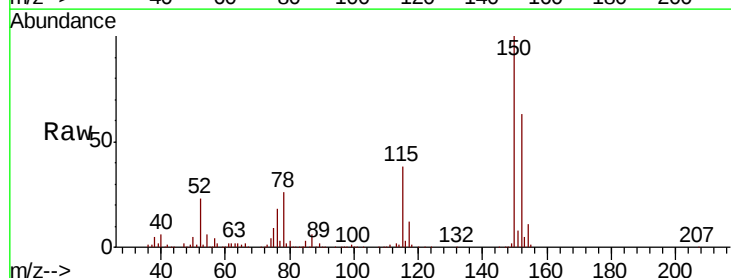


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001604.D
Acq: 11 Feb 2020 17:05

Tgt Ion:152 Resp: 110493
Ion Ratio Lower Upper
152 100
115 59.5 31.4 94.3
150 157.3 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

