

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
 Data File : VY001510.D
 Acq On : 05 Feb 2020 16:27
 Operator : SY/MD
 Sample : L1393-03
 Misc : 6.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HAM-SB-107-2-3

Quant Time: Feb 06 07:42:16 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

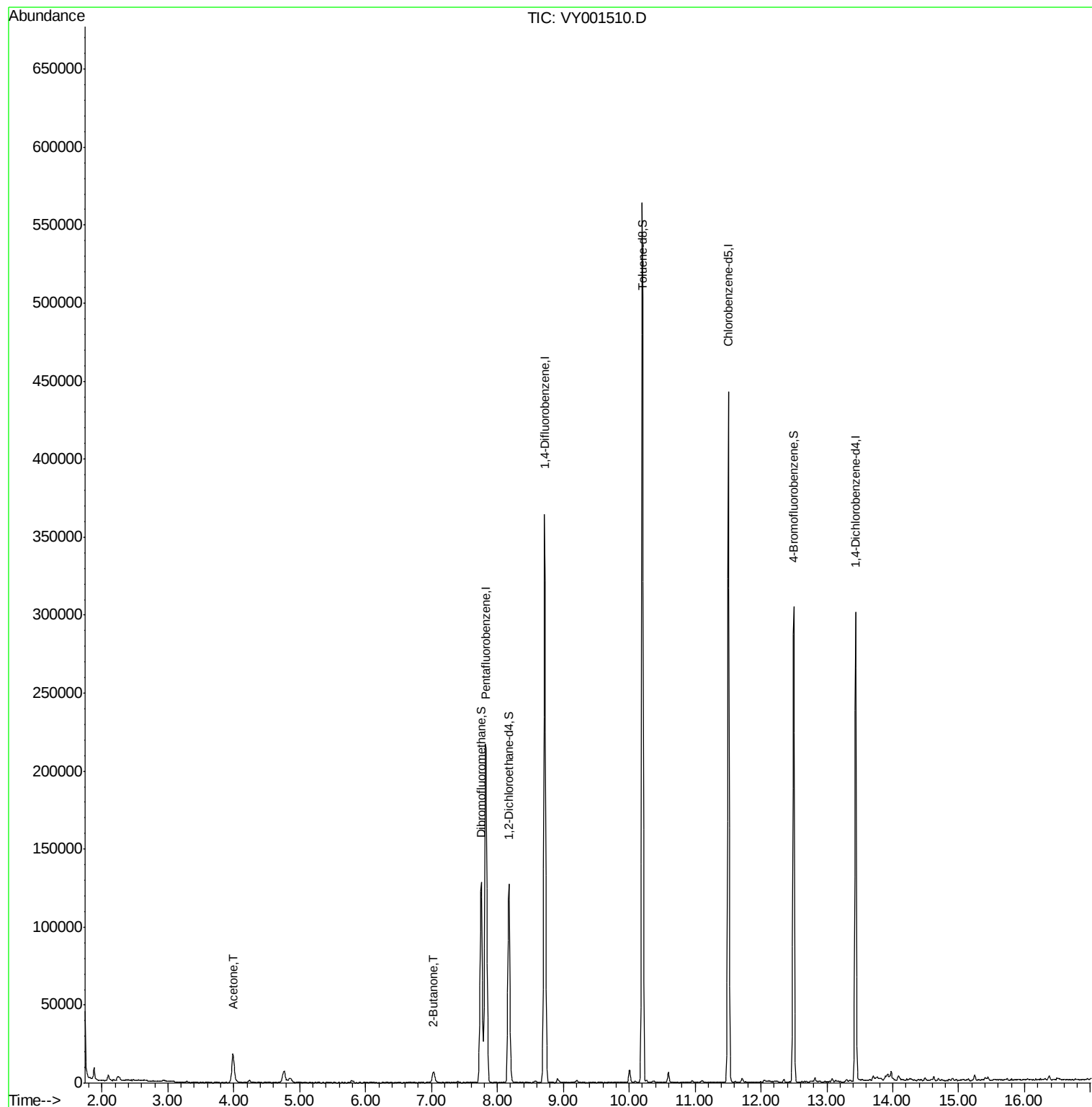
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	164298	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	306192	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	243220	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	72612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	98332	59.44	ug/l	0.01
Spiked Amount 50.000			Recovery	=	118.88%	
35) Dibromofluoromethane	7.75	113	93809	53.13	ug/l	0.01
Spiked Amount 50.000			Recovery	=	106.26%	
50) Toluene-d8	10.20	98	363063	54.35	ug/l	0.01
Spiked Amount 50.000			Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.50	95	102411	38.92	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.84%	
Target Compounds						
16) Acetone	3.99	43	32267	67.433	ug/l	Qvalue 100
25) 2-Butanone	7.03	43	10081	16.239	ug/l #	87

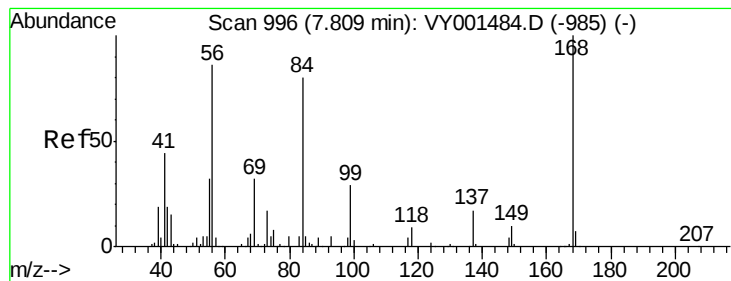
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.02 min

Lab File: VY001510.D

Acq: 05 Feb 2020 16:27

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ClientSampleId :

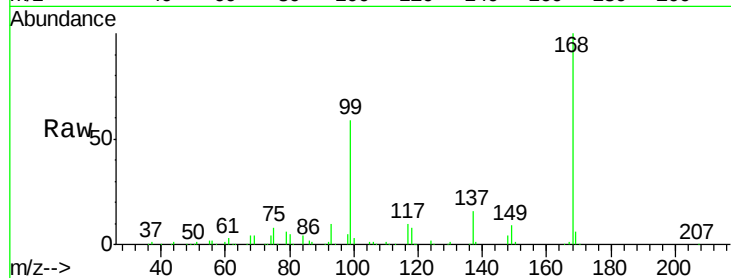
HAM-SB-107-2-3

Tot Ion:168 Resp: 164298

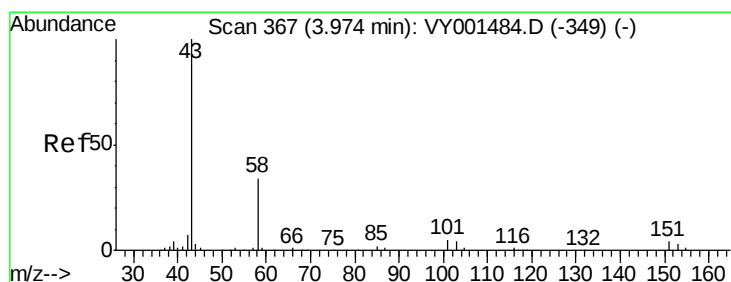
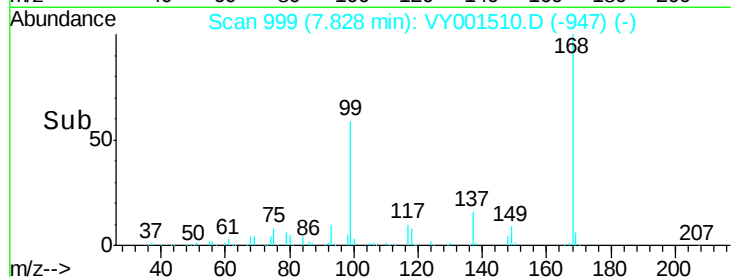
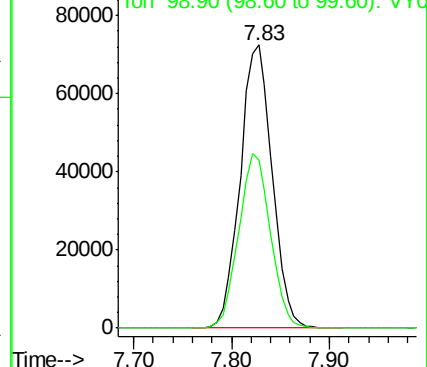
Ion Ratio Lower Upper

168 100

99 59.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001510.D (-947) (-)



#16

Acetone

Concen: 67.433 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001510.D

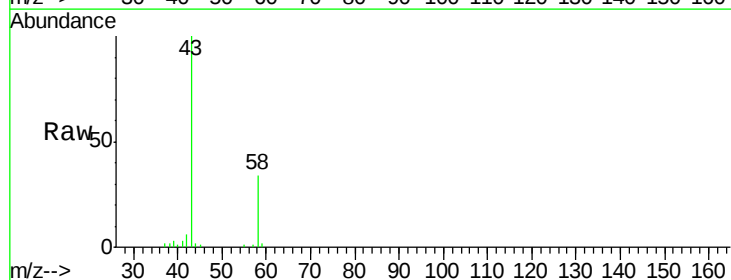
Acq: 05 Feb 2020 16:27

Tgt Ion: 43 Resp: 32267

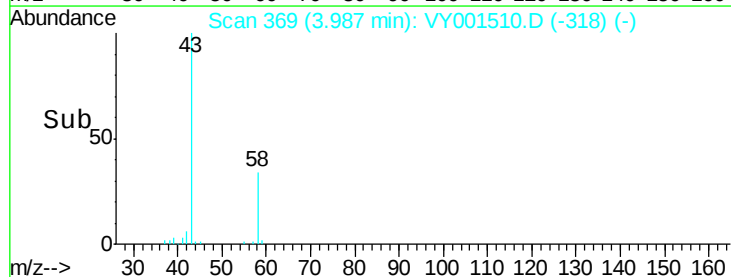
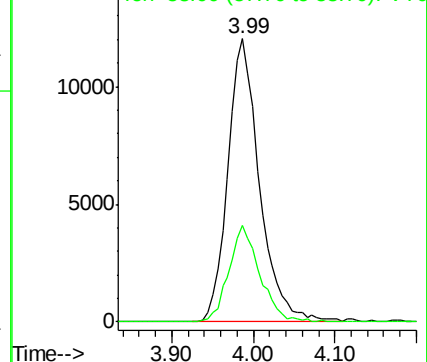
Ion Ratio Lower Upper

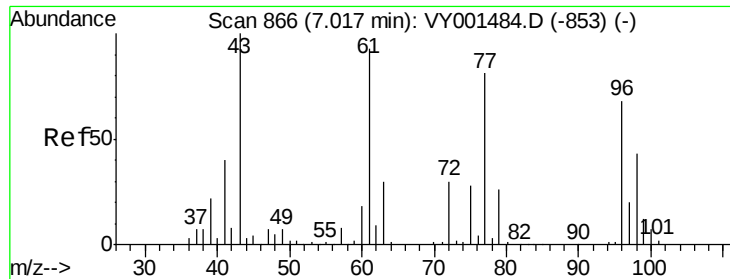
43 100

58 34.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001510.D (-318) (-)





#25

2-Butanone

Concen: 16.239 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001510.D

Acq: 05 Feb 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

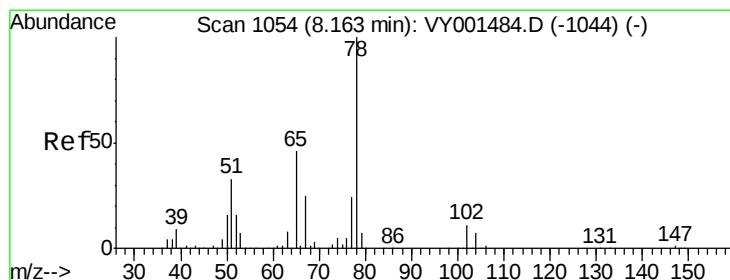
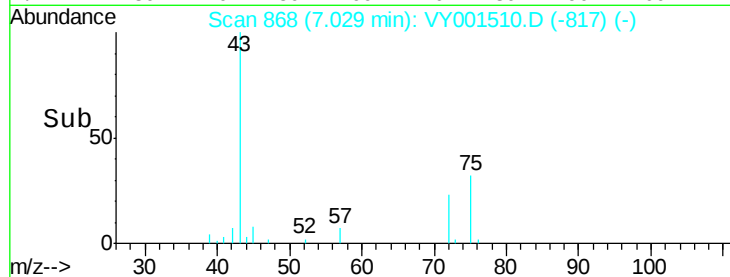
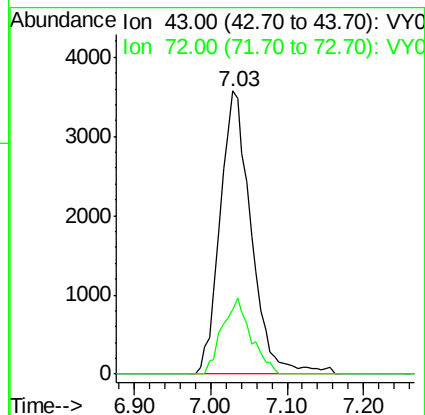
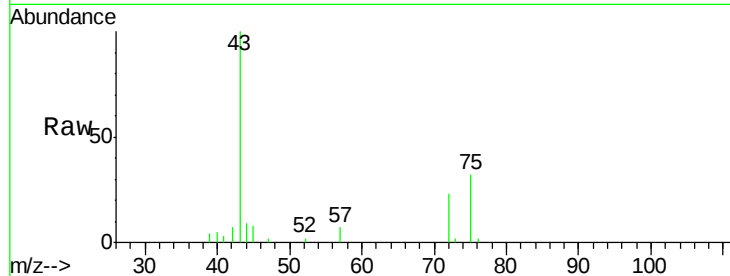
HAM-SB-107-2-3

Tot Ion: 43 Resp: 10081

Ion Ratio Lower Upper

43 100

72 22.7 23.8 35.8#



#33

1,2-Dichloroethane-d4

Concen: 59.442 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001510.D

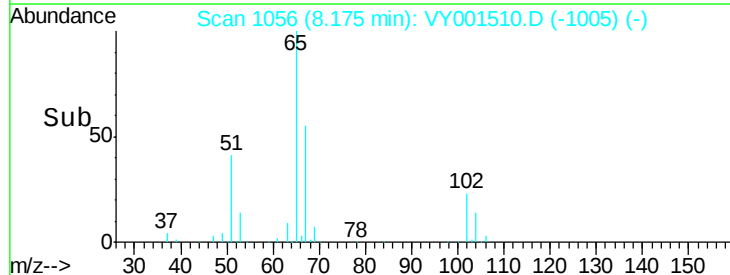
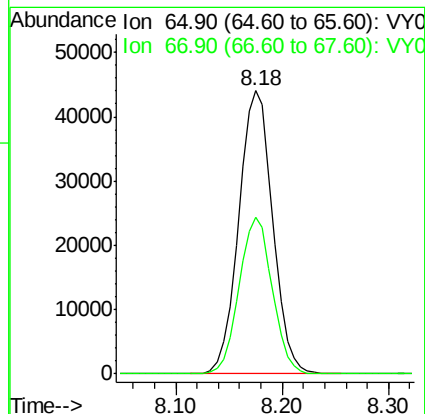
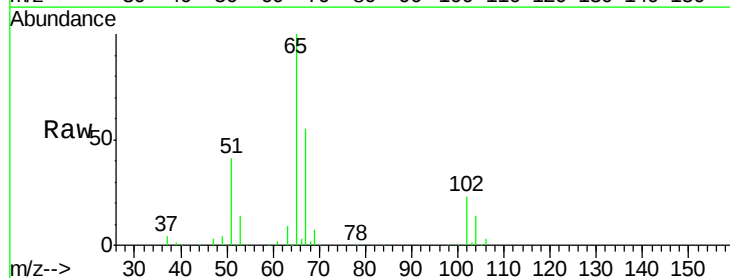
Acq: 05 Feb 2020 16:27

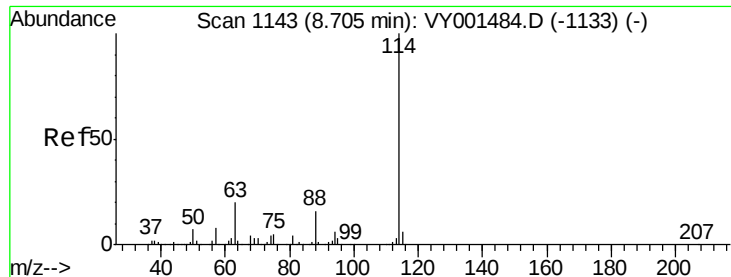
Tgt Ion: 65 Resp: 98332

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.6

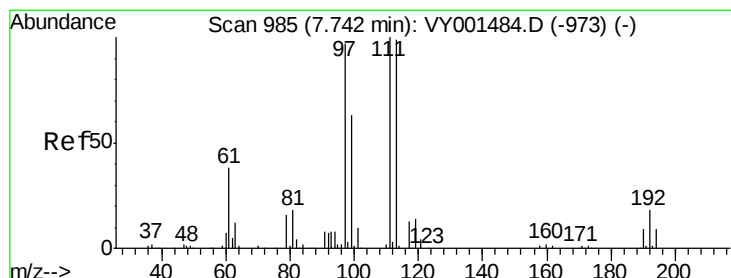
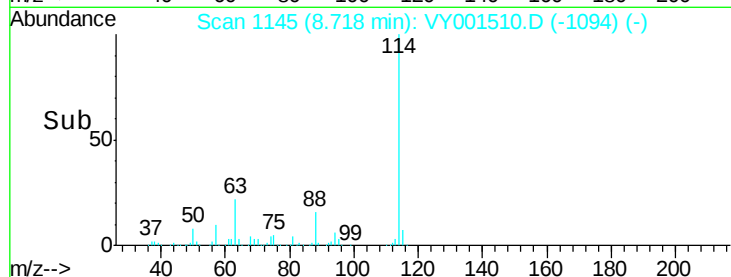
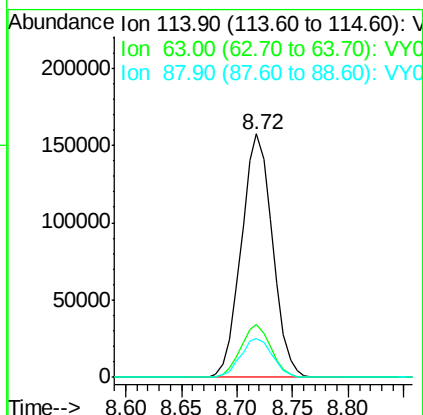
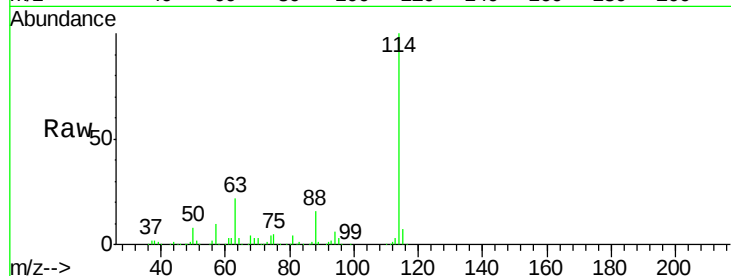




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001510.D
 Acq: 05 Feb 2020 16:27

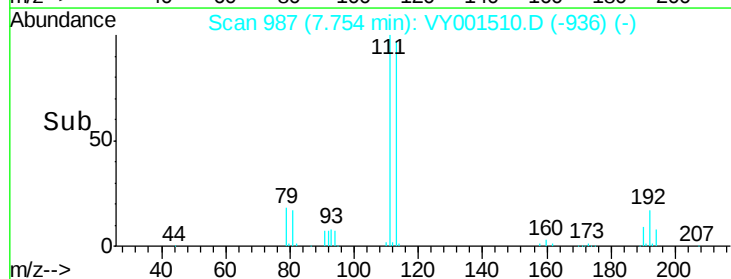
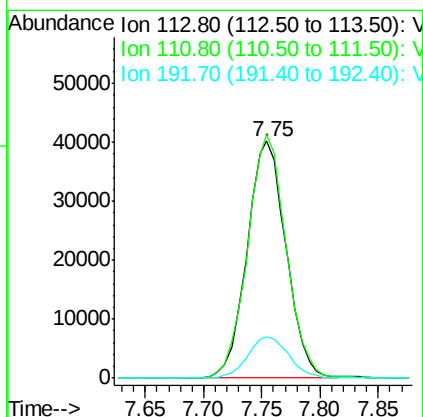
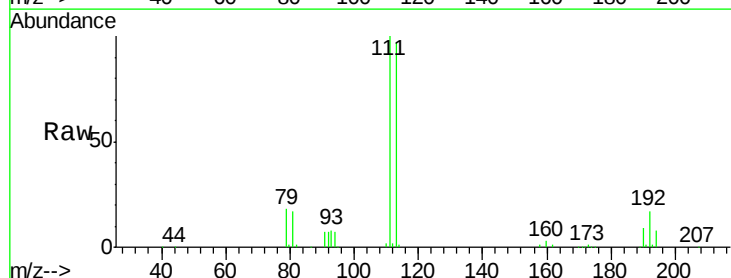
Instrument :
 MSVOA_Y
 ClientSampleId :
 HAM-SB-107-2-3

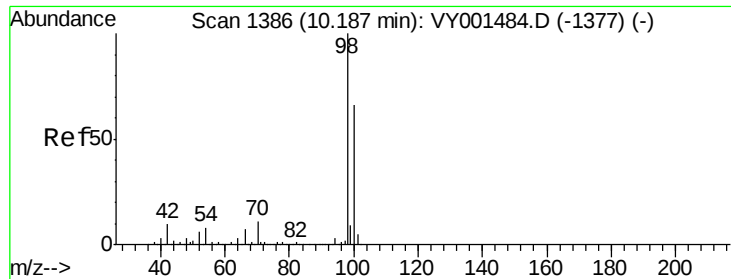
Tot Ion:114	Resp:	306192
Ion Ratio	Lower	Upper
114 100		
63 21.8	0.0	39.8
88 15.8	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 53.130 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001510.D
 Acq: 05 Feb 2020 16:27

Tgt Ion:113	Resp:	93809
Ion Ratio	Lower	Upper
113 100		
111 101.9	82.9	124.3
192 18.3	14.6	22.0





#50

Toluene-d8

Concen: 54.349 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001510.D

Acq: 05 Feb 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

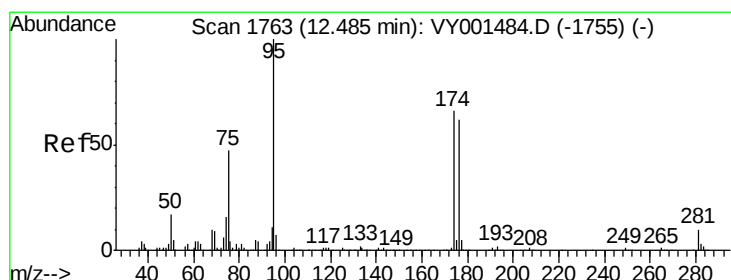
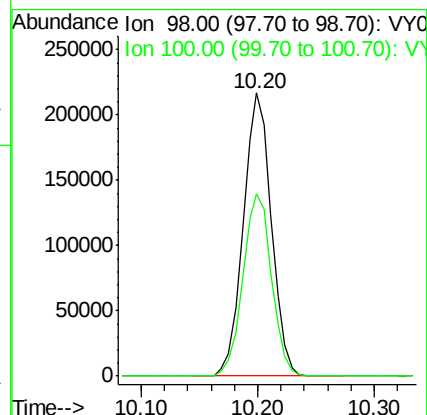
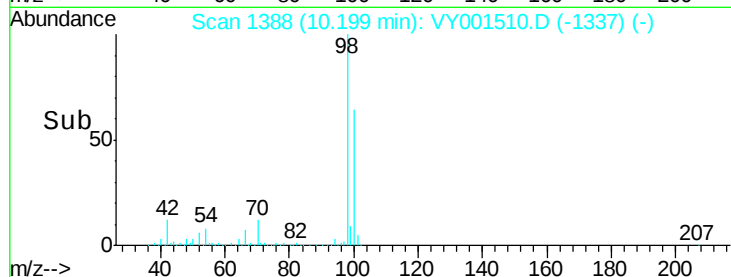
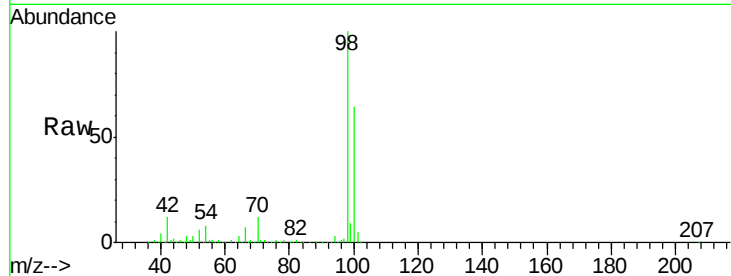
HAM-SB-107-2-3

Tot Ion: 98 Resp: 363063

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 38.915 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001510.D

Acq: 05 Feb 2020 16:27

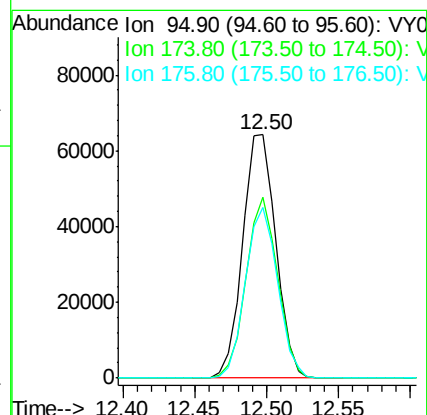
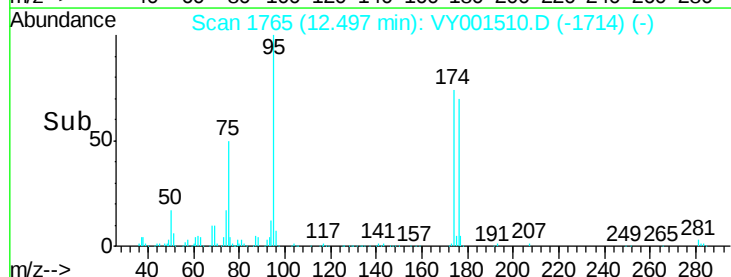
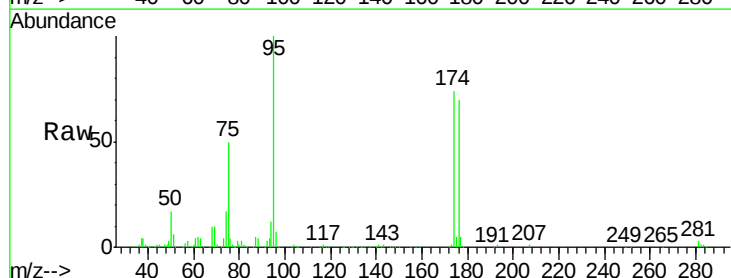
Tgt Ion: 95 Resp: 102411

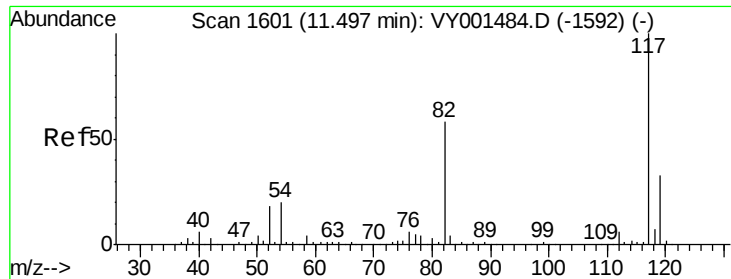
Ion Ratio Lower Upper

95 100

174 70.8 0.0 141.4

176 67.9 0.0 135.4

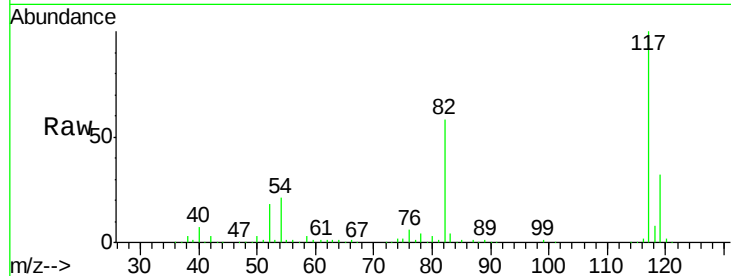




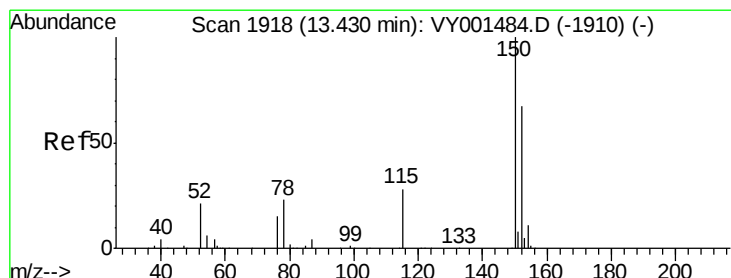
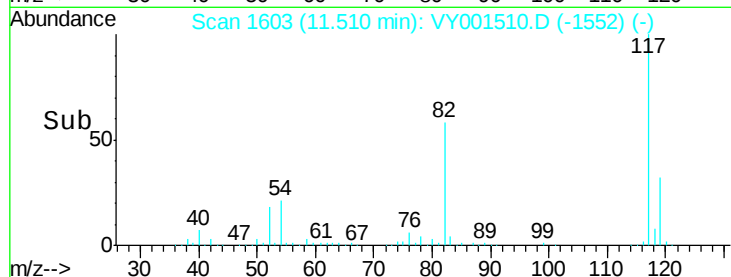
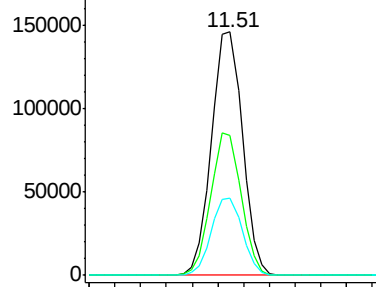
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001510.D
Acq: 05 Feb 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-107-2-3

Tot Ion:117 Resp: 243220
Ion Ratio Lower Upper
117 100
82 57.6 46.1 69.1
119 31.9 26.1 39.1

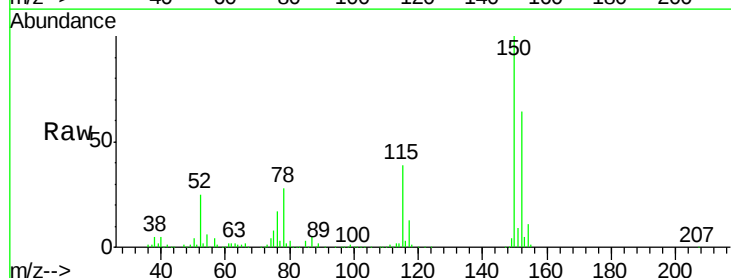


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001510.D
Acq: 05 Feb 2020 16:27

Tgt Ion:152 Resp: 72612
Ion Ratio Lower Upper
152 100
115 60.7 31.4 94.3
150 156.8 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

