

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
 Data File : VY001515.D
 Acq On : 05 Feb 2020 18:18
 Operator : SY/MD
 Sample : L1393-08
 Misc : 6.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HAM-SB-02-1-2

Quant Time: Feb 06 07:59:56 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

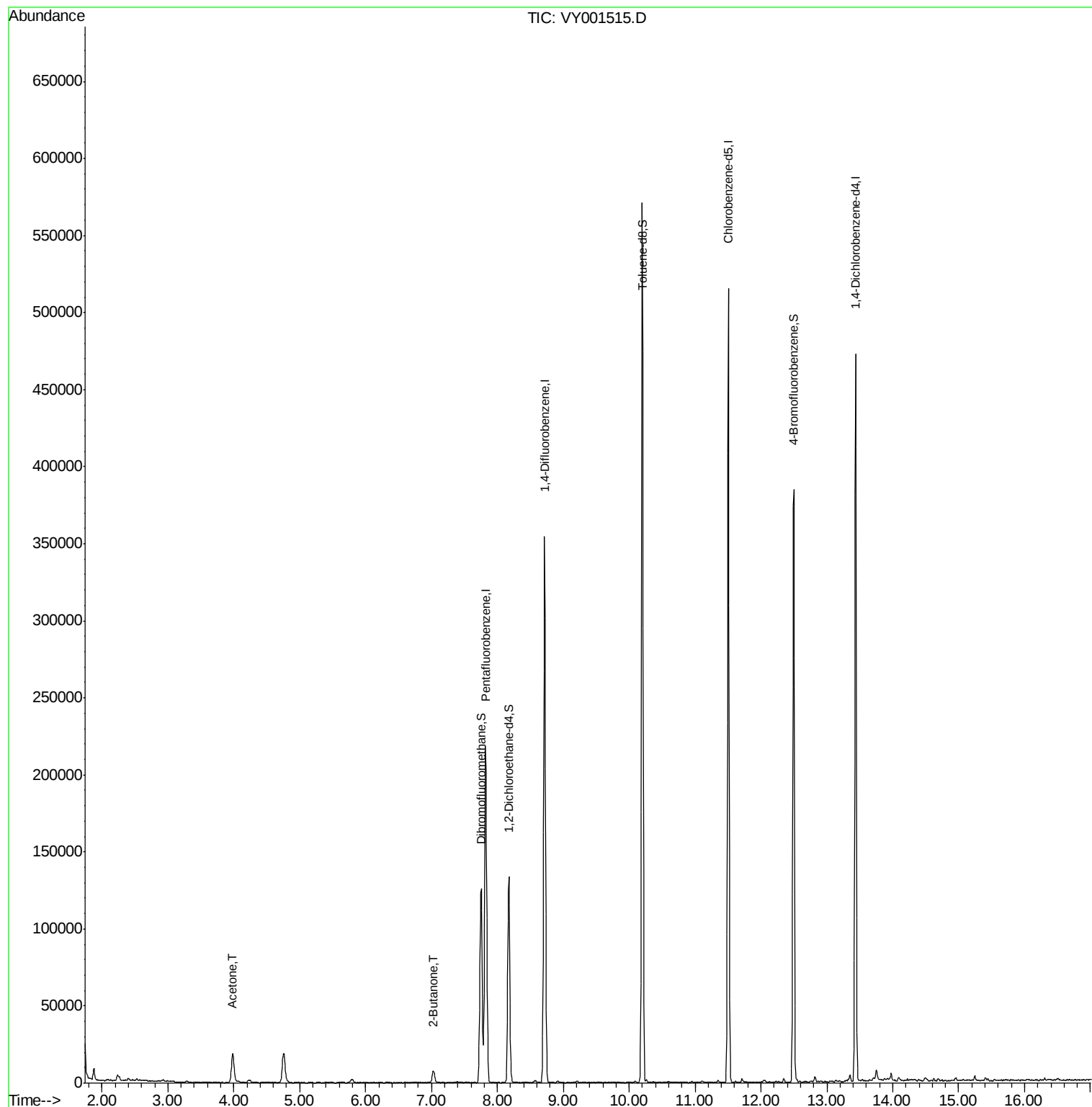
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	163634	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	308842	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	275543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	113310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	102573	62.26	ug/l	0.01
Spiked Amount 50.000			Recovery	=	124.52%	
35) Dibromofluoromethane	7.75	113	92900	52.16	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.32%	
50) Toluene-d8	10.20	98	367760	54.58	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.16%	
62) 4-Bromofluorobenzene	12.49	95	130702	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
Target Compounds						
16) Acetone	3.99	43	34630	72.664	ug/l	92
25) 2-Butanone	7.02	43	12848	20.780	ug/l	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001515.D

Acq: 05 Feb 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

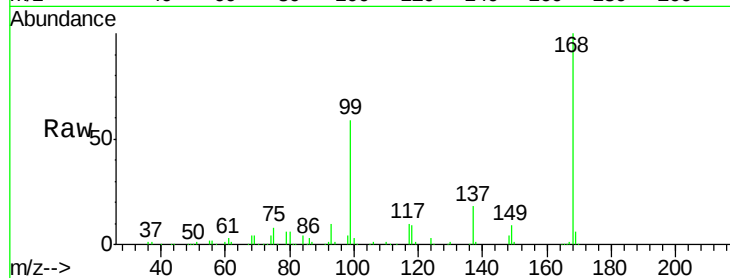
HAM-SB-02-1-2

Tot Ion:168 Resp: 163634

Ion Ratio Lower Upper

168 100

99 59.4 48.2 72.4

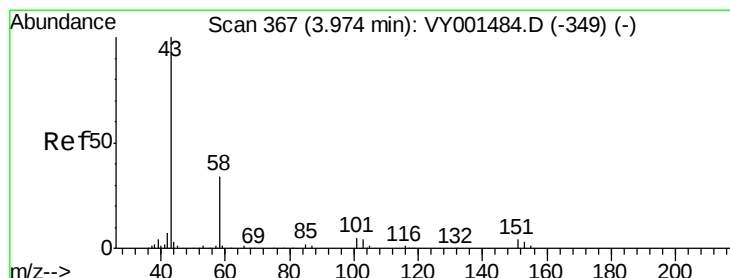
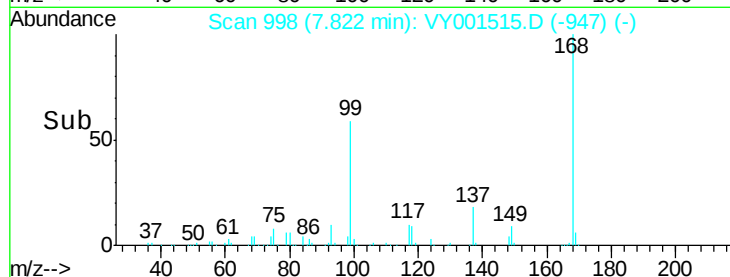


Abundance Ion 167.90 (167.60 to 168.60): VY001515.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001515.D (-947) (-)

7.82

Time-->



#16

Acetone

Concen: 72.664 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001515.D

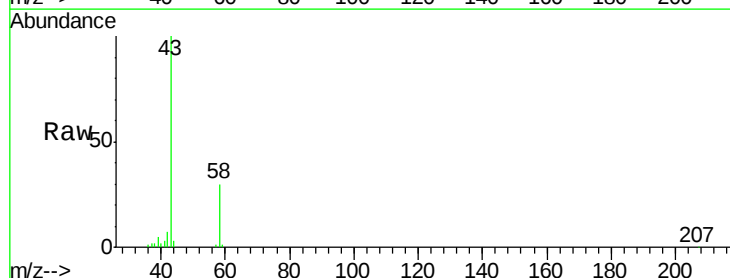
Acq: 05 Feb 2020 18:18

Tgt Ion: 43 Resp: 34630

Ion Ratio Lower Upper

43 100

58 29.9 27.5 41.3

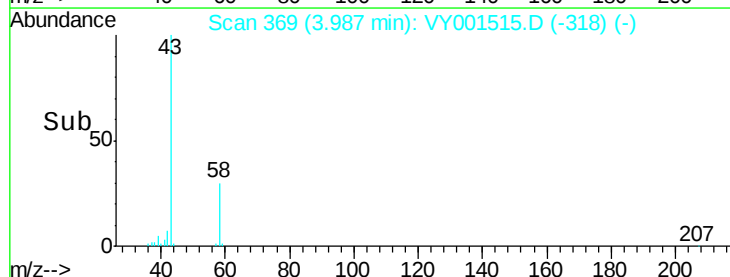


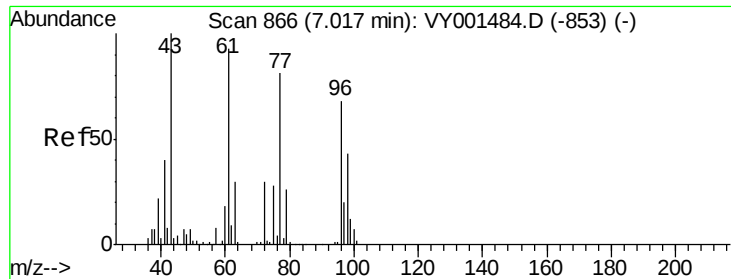
Abundance Ion 43.00 (42.70 to 43.70): VY001515.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001515.D (-318) (-)

3.99

Time-->





#25

2-Butanone

Concen: 20.780 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001515.D

Acq: 05 Feb 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

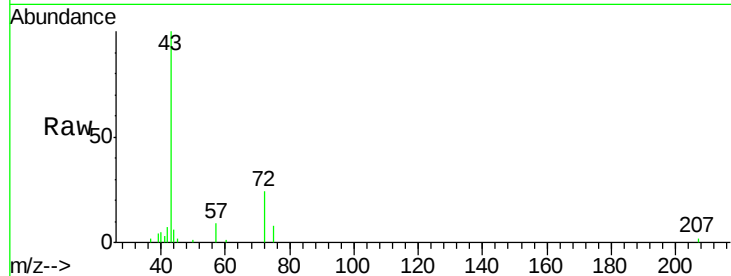
HAM-SB-02-1-2

Tot Ion: 43 Resp: 12848

Ion Ratio Lower Upper

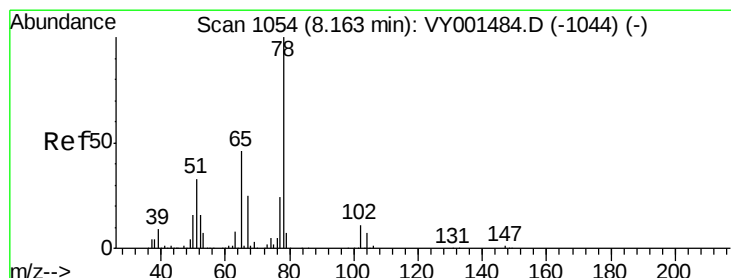
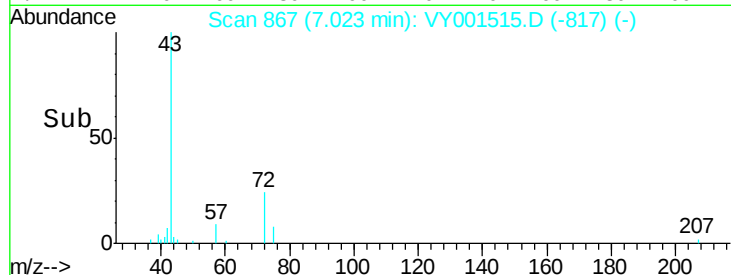
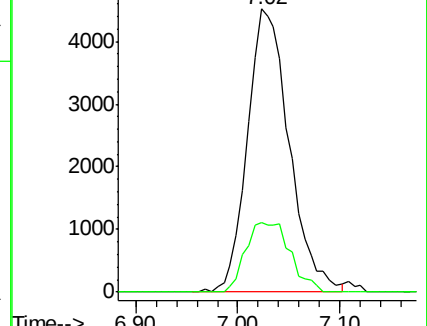
43 100

72 24.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 62.258 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001515.D

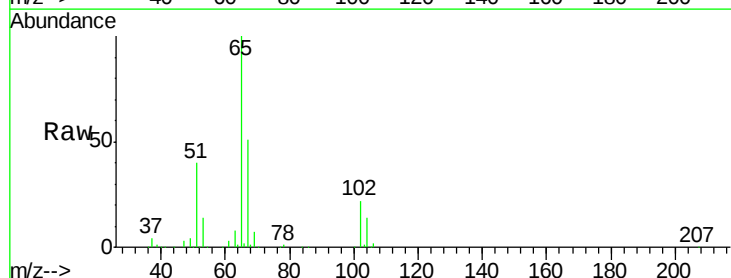
Acq: 05 Feb 2020 18:18

Tgt Ion: 65 Resp: 102573

Ion Ratio Lower Upper

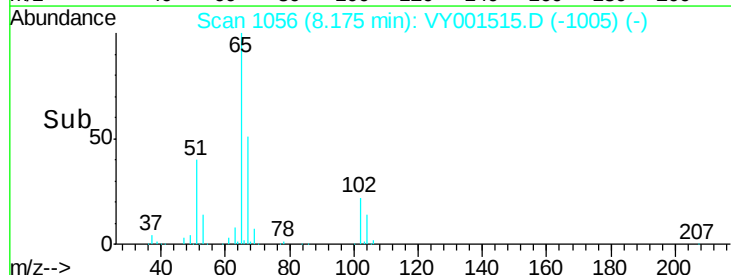
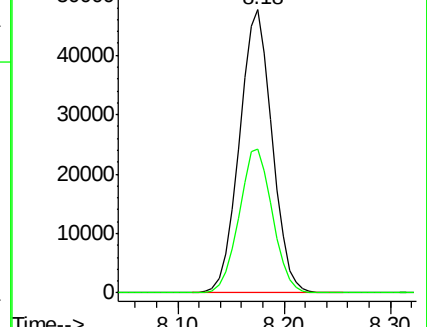
65 100

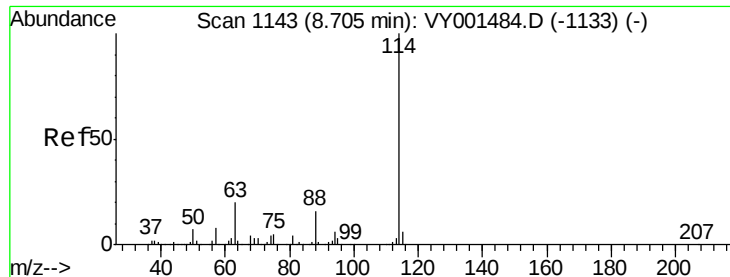
67 52.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

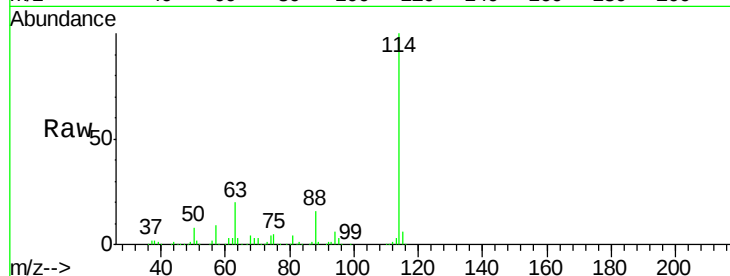




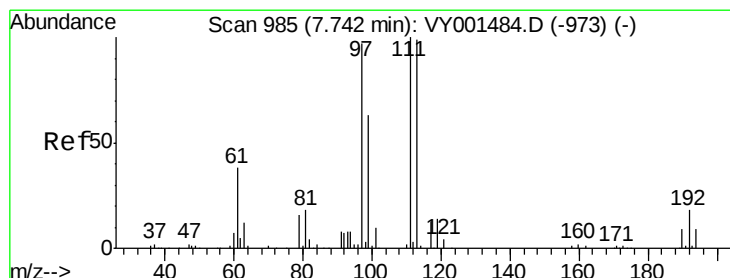
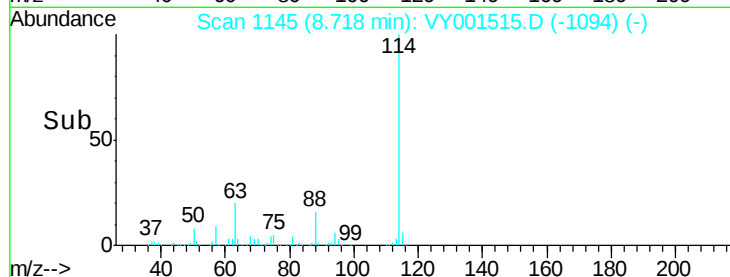
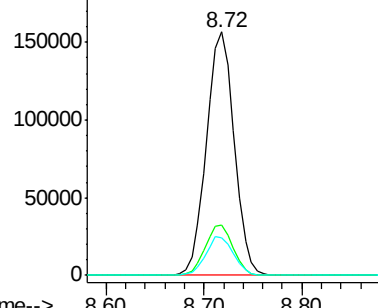
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VY001515.D
Acq: 05 Feb 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-1-2

Tot Ion:114 Resp: 308842
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.8
88 15.6 0.0 32.6

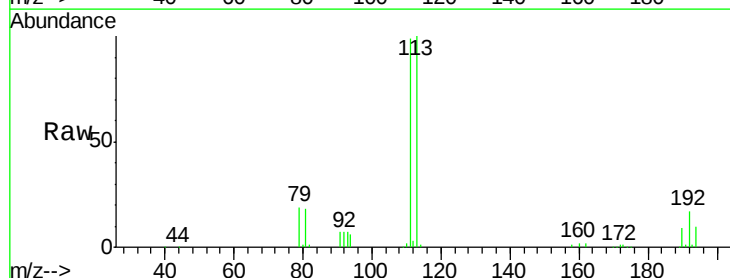


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

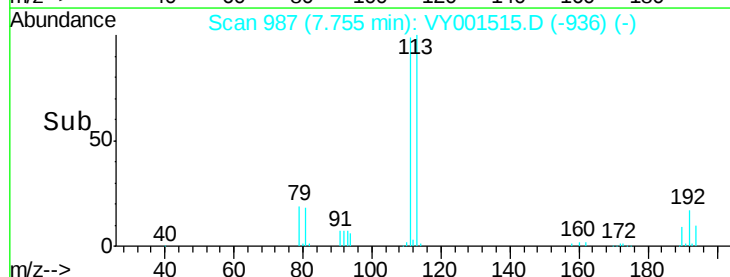
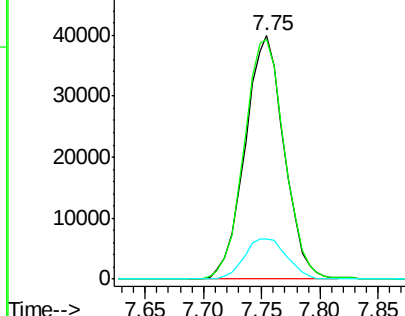


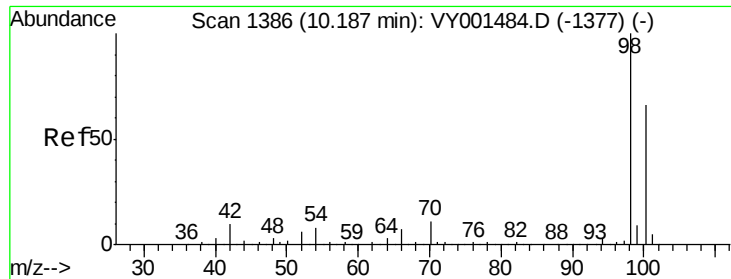
#35
Dibromofluoromethane
Concen: 52.164 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001515.D
Acq: 05 Feb 2020 18:18

Tgt Ion:113 Resp: 92900
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.2 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: 54.580 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001515.D

Acq: 05 Feb 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

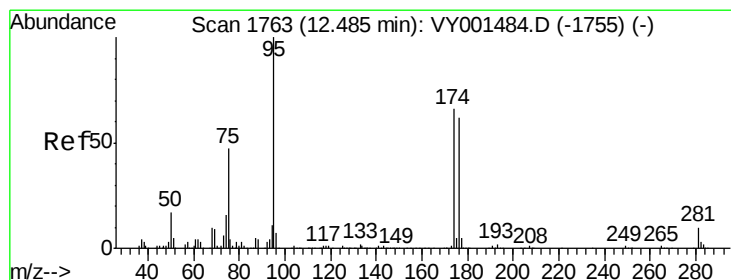
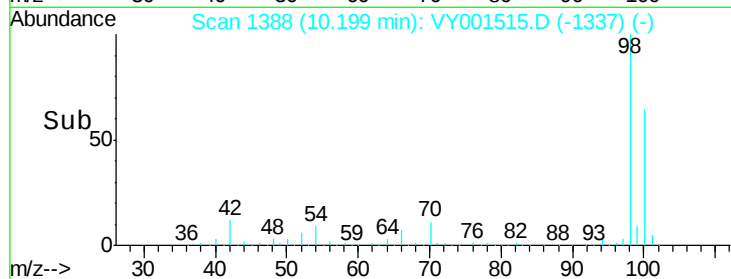
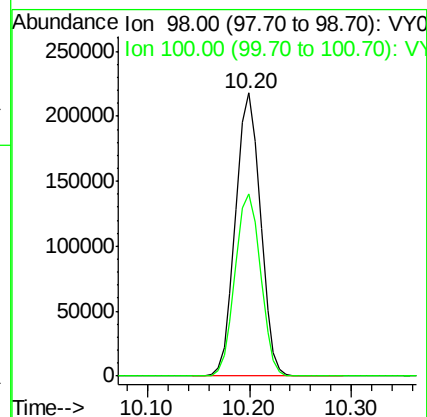
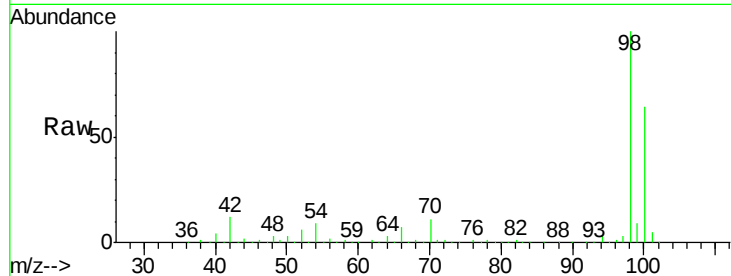
HAM-SB-02-1-2

Tot Ion: 98 Resp: 367760

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 49.239 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001515.D

Acq: 05 Feb 2020 18:18

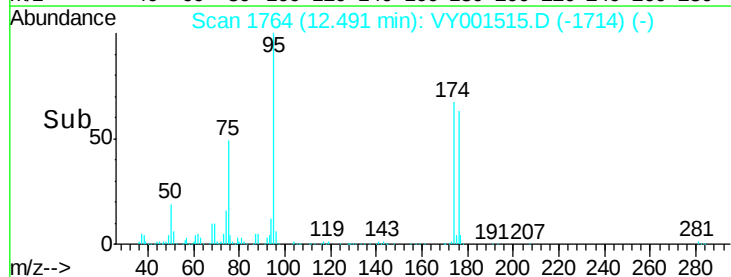
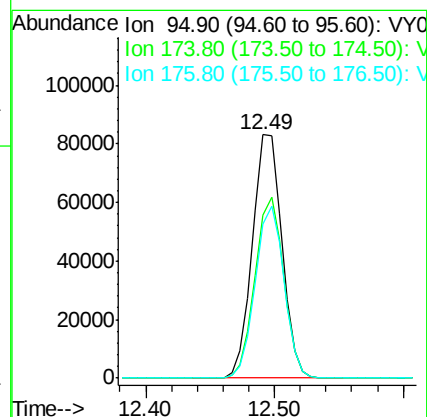
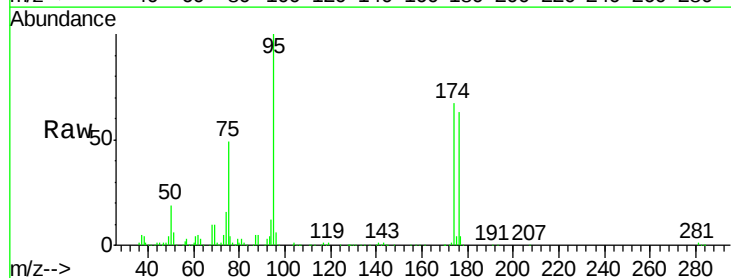
Tgt Ion: 95 Resp: 130702

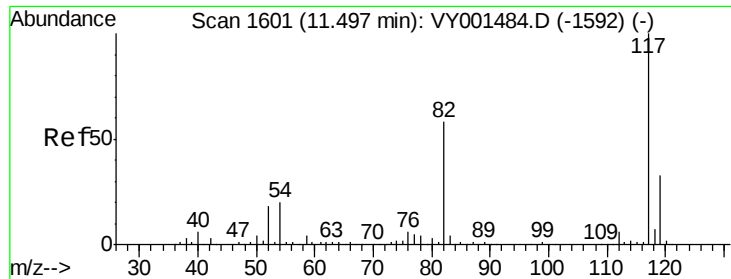
Ion Ratio Lower Upper

95 100

174 72.3 0.0 141.4

176 69.1 0.0 135.4

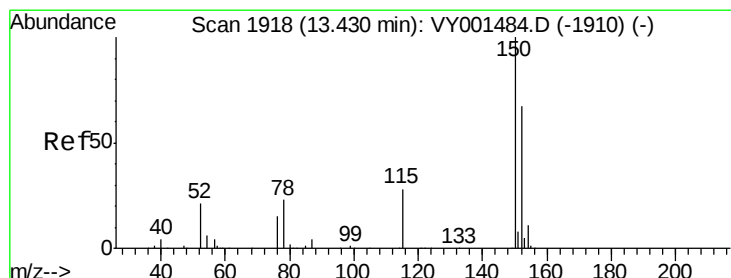
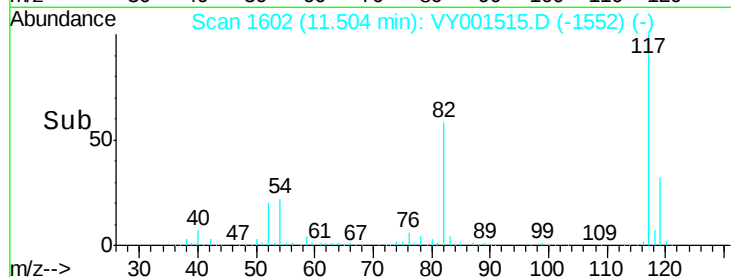
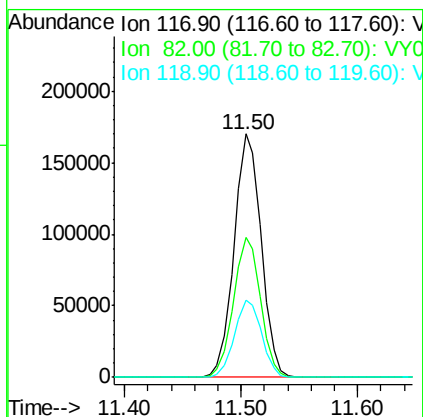
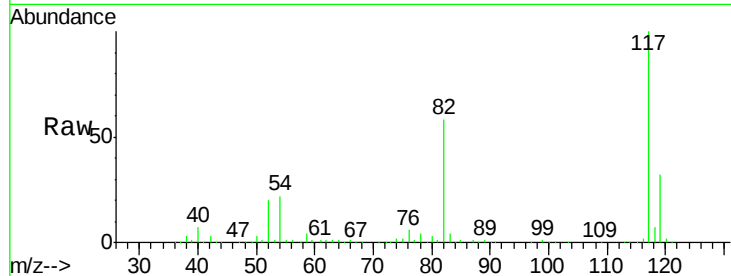




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001515.D
Acq: 05 Feb 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-1-2

Tot Ion:117 Resp: 275543
Ion Ratio Lower Upper
117 100
82 57.5 46.1 69.1
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001515.D
Acq: 05 Feb 2020 18:18

Tgt Ion:152 Resp: 113310
Ion Ratio Lower Upper
152 100
115 62.0 31.4 94.3
150 158.0 0.0 346.8

