

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
 Data File : VY001509.D
 Acq On : 05 Feb 2020 16:05
 Operator : SY/MD
 Sample : L1393-02
 Misc : 6.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HAM-SB-07-2-3

Quant Time: Feb 06 07:39:19 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

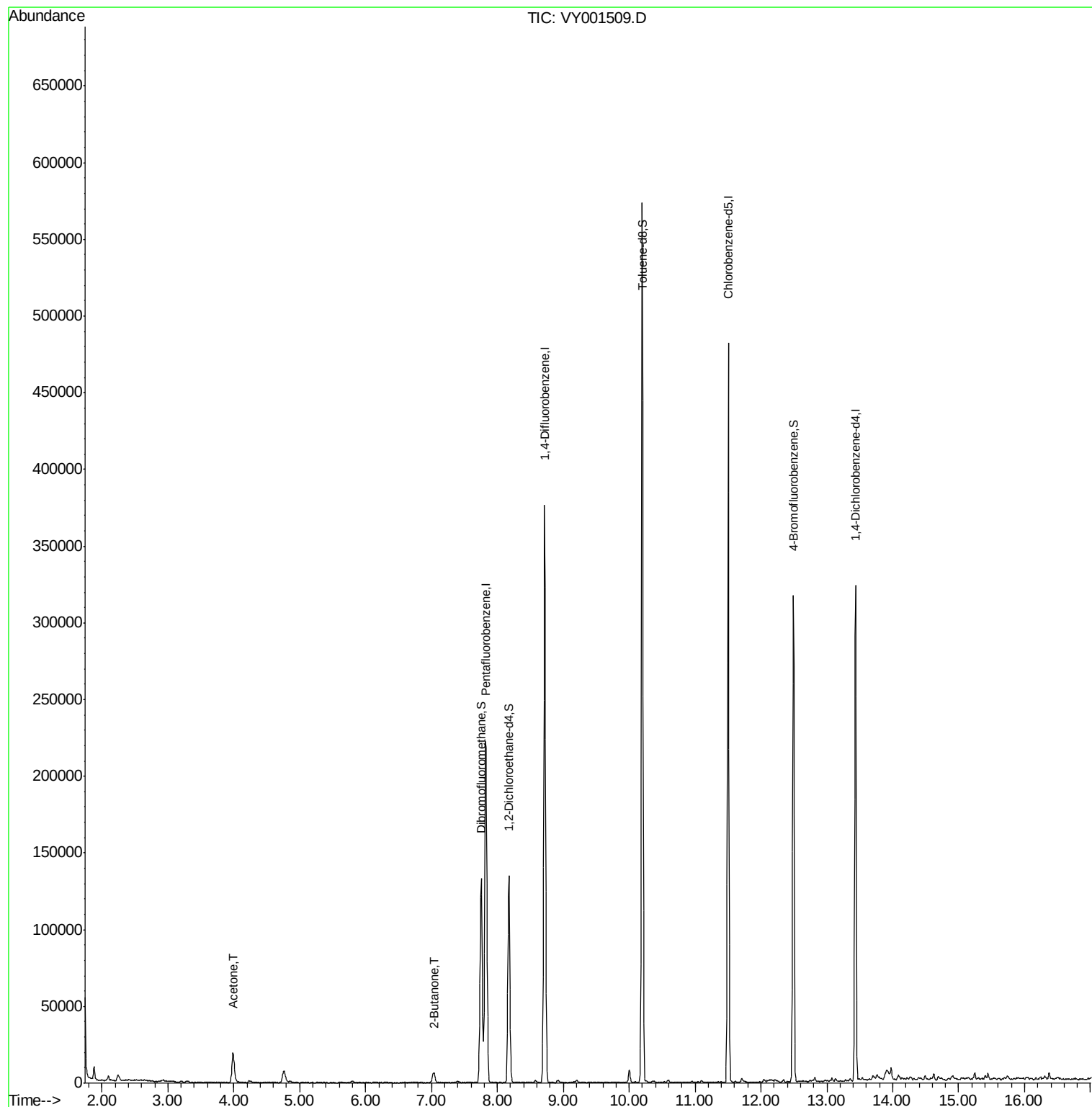
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	170677	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	313681	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	253276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	79067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	103164	60.03	ug/l	0.01
Spiked Amount 50.000			Recovery	=	120.06%	
35) Dibromofluoromethane	7.75	113	95895	53.01	ug/l	0.01
Spiked Amount 50.000			Recovery	=	106.02%	
50) Toluene-d8	10.20	98	367798	53.74	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.48%	
62) 4-Bromofluorobenzene	12.49	95	107567	39.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.80%	
Target Compounds						
16) Acetone	3.99	43	33518	67.429	ug/l	98
25) 2-Butanone	7.04	43	10765	16.693	ug/l	91

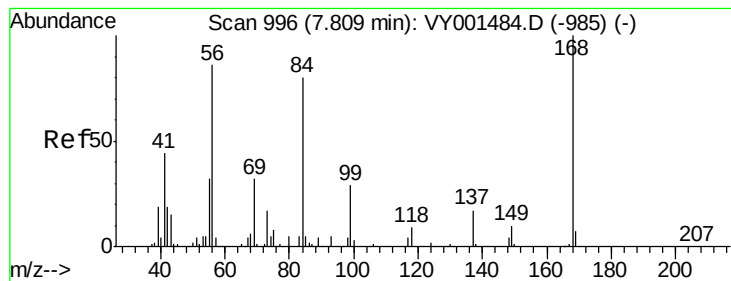
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001509.D

Acq: 05 Feb 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

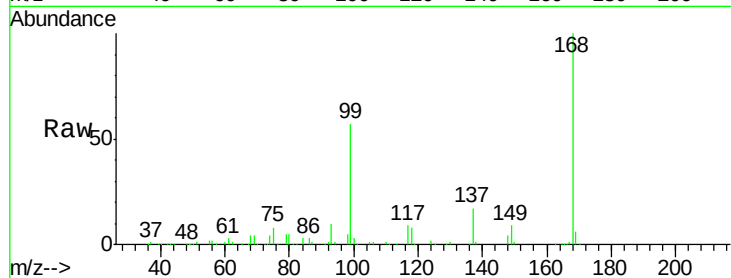
HAM-SB-07-2-3

Tot Ion:168 Resp: 170677

Ion Ratio Lower Upper

168 100

99 56.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001509.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001509.D (-947) (-)

7.83

80000

60000

40000

20000

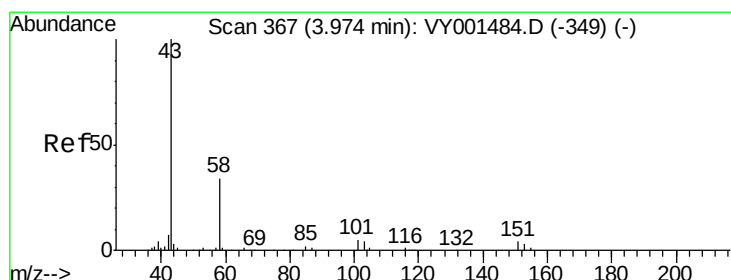
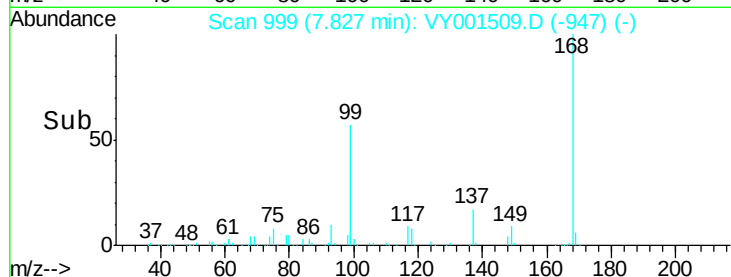
0

Time-->

7.70

7.80

7.90



#16

Acetone

Concen: 67.429 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001509.D

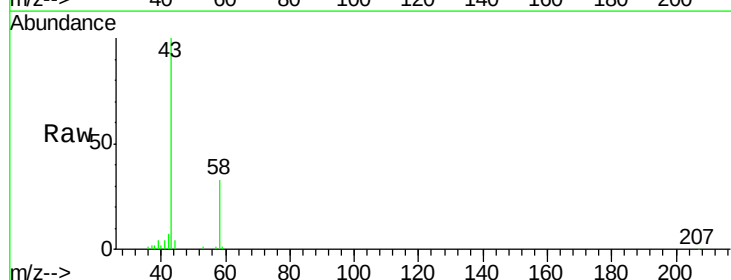
Acq: 05 Feb 2020 16:05

Tgt Ion: 43 Resp: 33518

Ion Ratio Lower Upper

43 100

58 33.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001509.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001509.D (-318) (-)

3.99

10000

5000

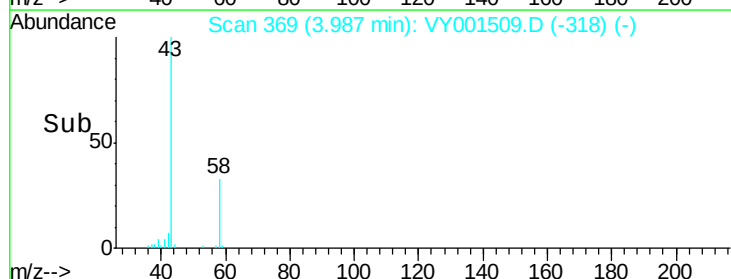
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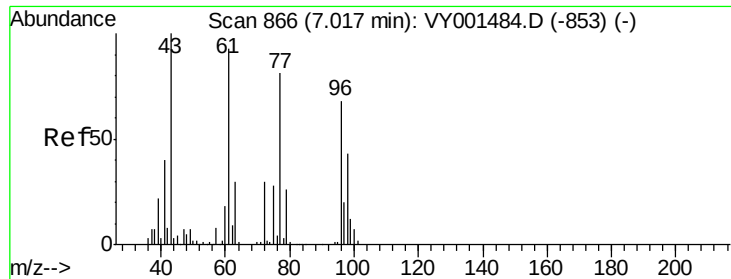
Time-->

3.90

4.00

4.10





#25

2-Butanone

Concen: 16.693 ug/l

RT: 7.04 min Scan# 870

Delta R.T. 0.02 min

Lab File: VY001509.D

Acq: 05 Feb 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

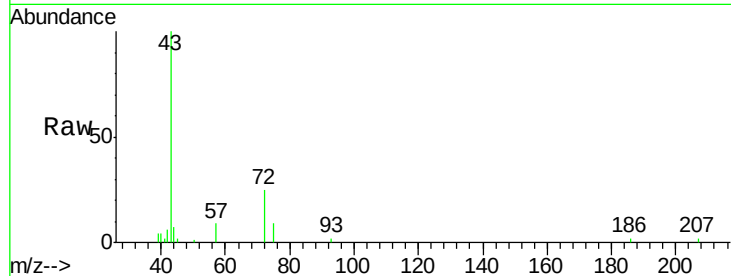
HAM-SB-07-2-3

Tot Ion: 43 Resp: 10765

Ion Ratio Lower Upper

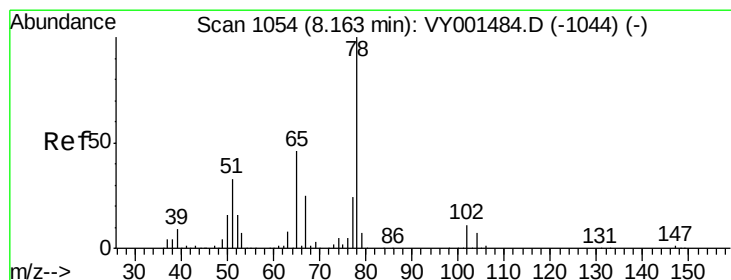
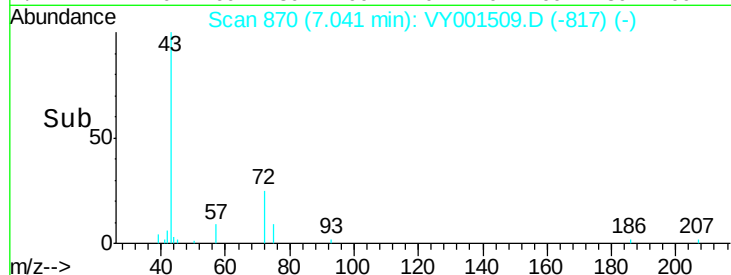
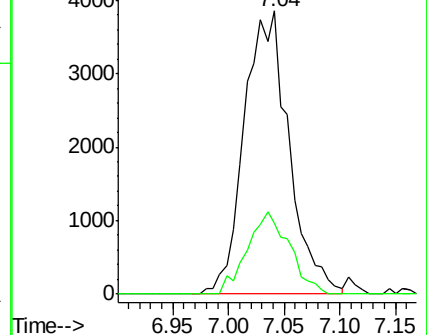
43 100

72 24.9 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: 60.032 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001509.D

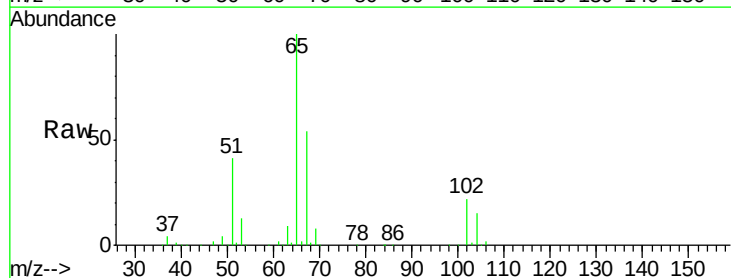
Acq: 05 Feb 2020 16:05

Tgt Ion: 65 Resp: 103164

Ion Ratio Lower Upper

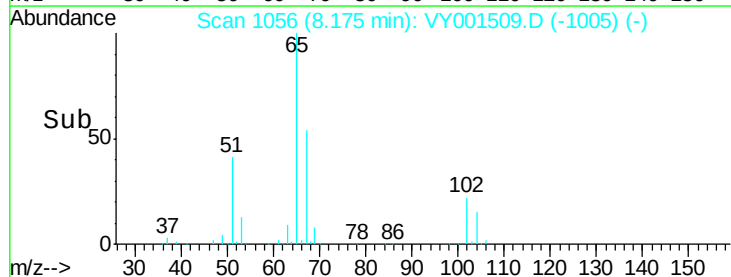
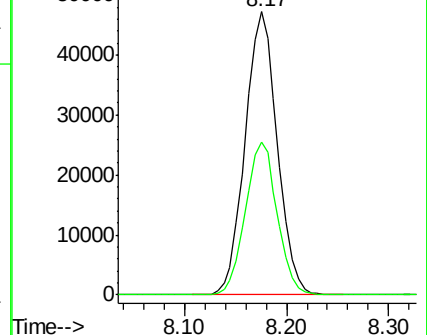
65 100

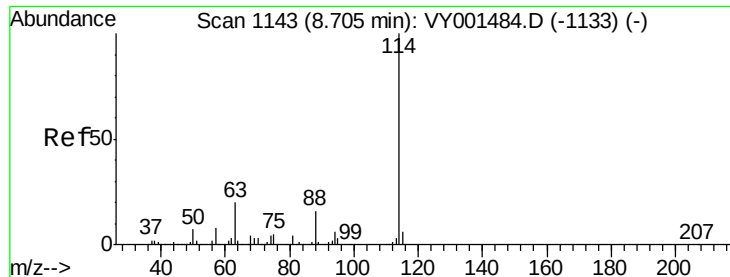
67 53.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

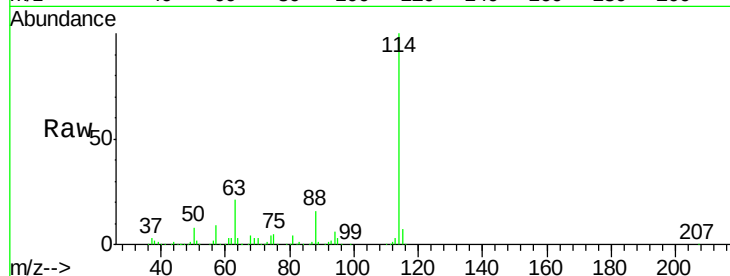




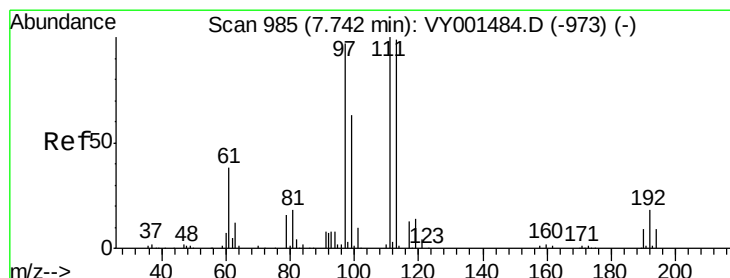
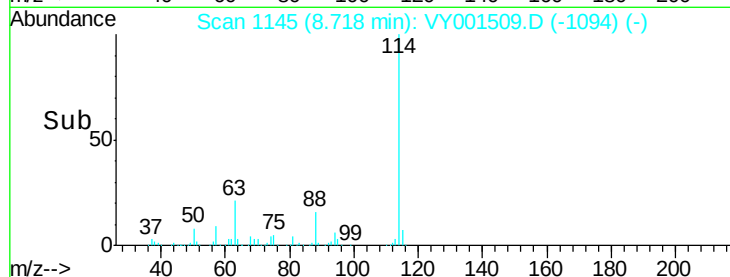
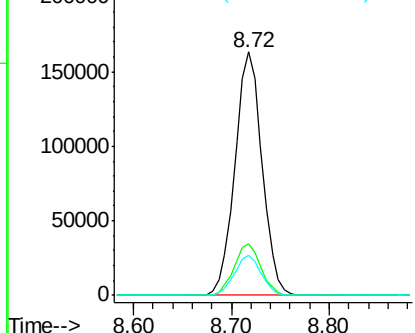
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001509.D
 Acq: 05 Feb 2020 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 HAM-SB-07-2-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.8
88	16.2	0.0	32.6

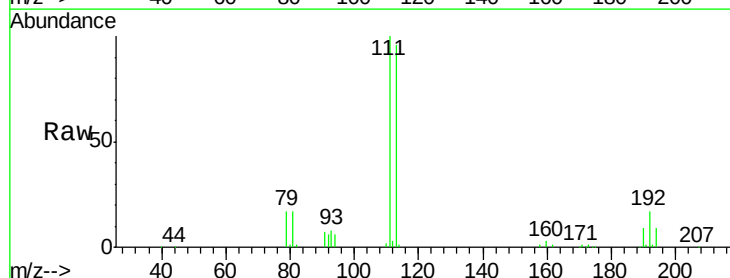


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

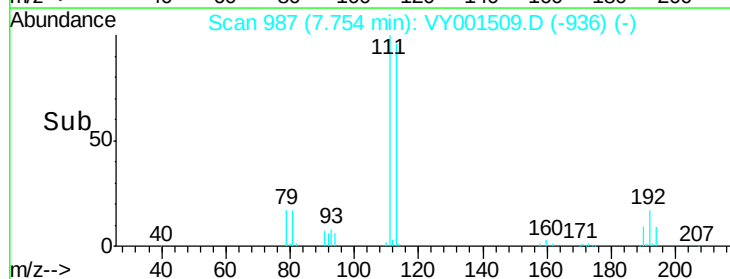
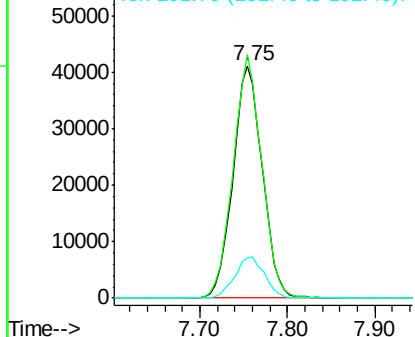


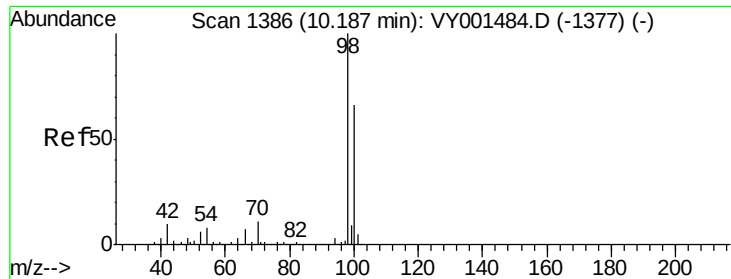
#35
 Dibromofluoromethane
 Concen: 53.015 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001509.D
 Acq: 05 Feb 2020 16:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	18.0	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: 53.743 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001509.D

Acq: 05 Feb 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

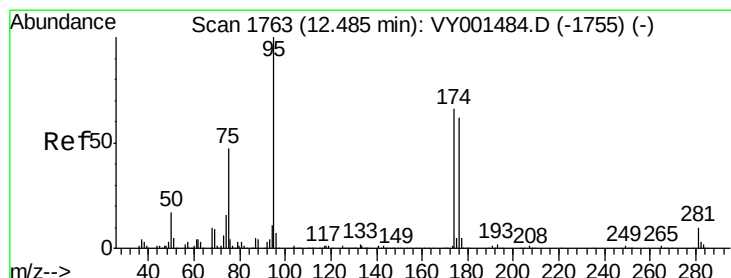
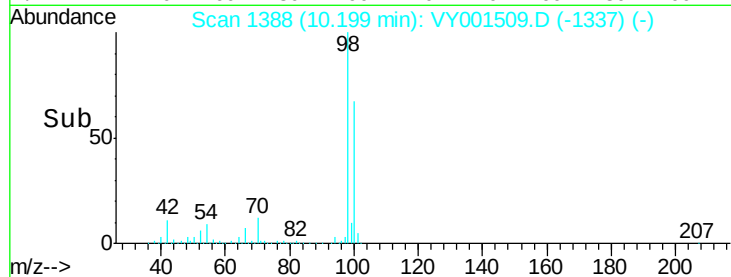
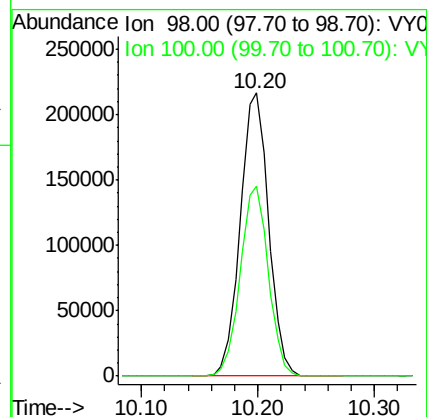
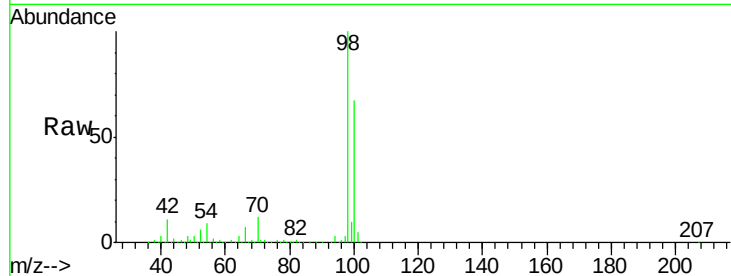
HAM-SB-07-2-3

Tot Ion: 98 Resp: 367798

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 39.899 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001509.D

Acq: 05 Feb 2020 16:05

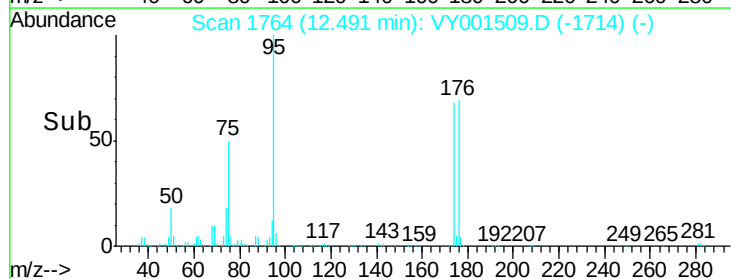
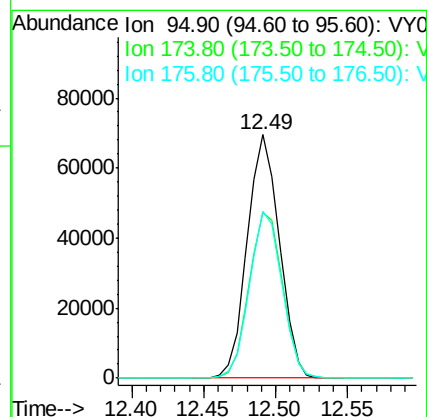
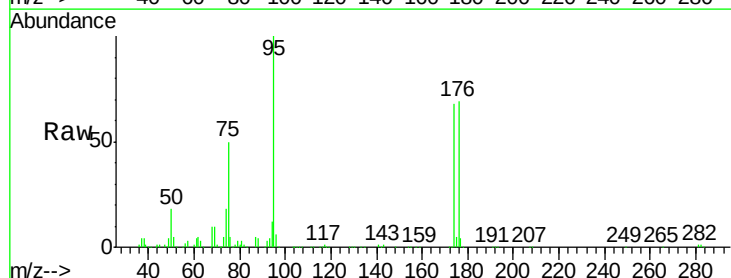
Tgt Ion: 95 Resp: 107567

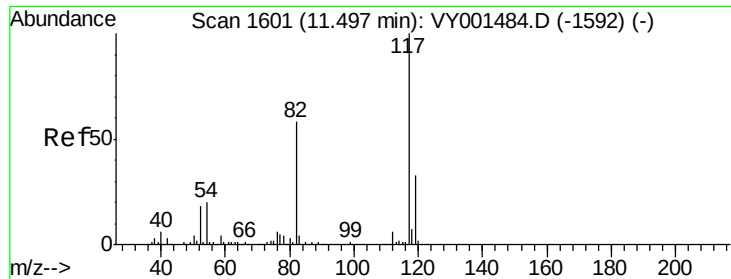
Ion Ratio Lower Upper

95 100

174 70.6 0.0 141.4

176 68.9 0.0 135.4

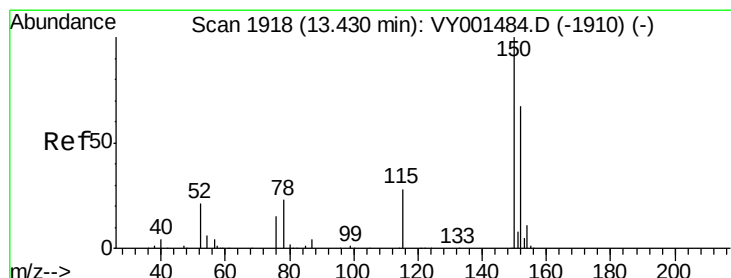
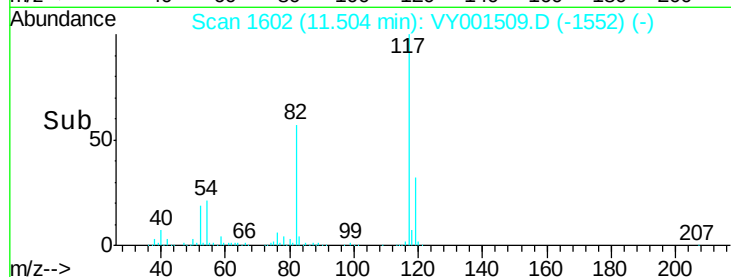
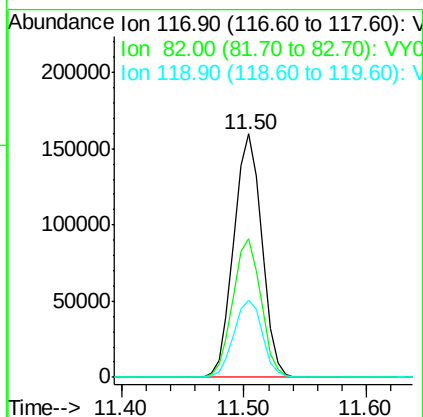
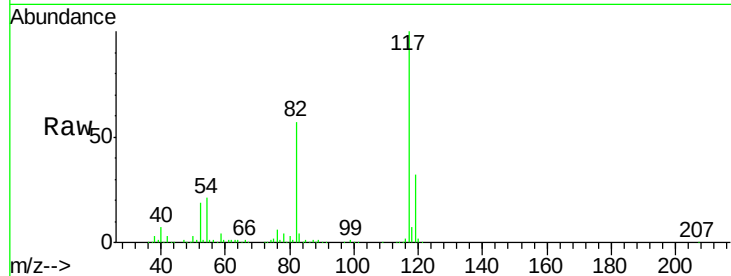




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001509.D
Acq: 05 Feb 2020 16:05

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-07-2-3

Tot Ion:117 Resp: 253276
Ion Ratio Lower Upper
117 100
82 57.0 46.1 69.1
119 31.6 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: VY001509.D
Acq: 05 Feb 2020 16:05

Tgt Ion:152 Resp: 79067
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.3
150 157.6 0.0 346.8

