

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020520\
 Data File : VY001511.D
 Acq On : 05 Feb 2020 16:49
 Operator : SY/MD
 Sample : L1393-04
 Misc : 5.25G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HAM-SB-03-1-2

Quant Time: Feb 06 07:43:47 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

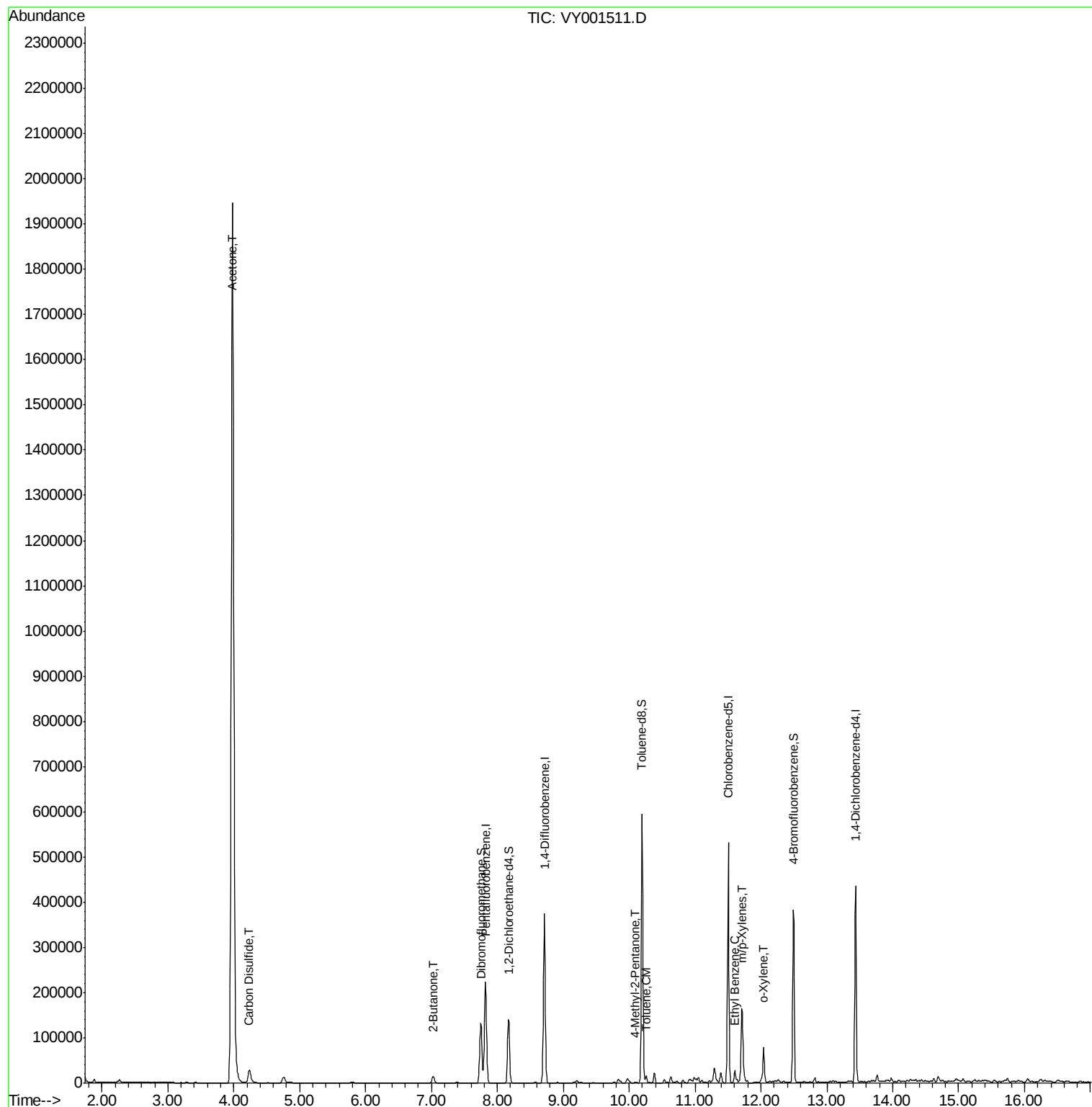
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	169238	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	319340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	281357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	104561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	109428	64.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.44%	
35) Dibromofluoromethane	7.75	113	94370	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
50) Toluene-d8	10.19	98	383070	54.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.96%	
62) 4-Bromofluorobenzene	12.49	95	129788	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
Target Compounds						
					Qvalue	
16) Acetone	3.98	43	3403760	6905.647	ug/l	96
17) Carbon Disulfide	4.23	76	20563	3.630	ug/l	100
25) 2-Butanone	7.03	43	25150	39.330	ug/l	93
51) 4-Methyl-2-Pentanone	10.09	43	1644	1.192	ug/l	91
52) Toluene	10.26	92	6167	1.166	ug/l	96
67) Ethyl Benzene	11.61	91	18903	1.851	ug/l	94
68) m/p-Xylenes	11.71	106	42950	11.201	ug/l	99
69) o-Xylene	12.04	106	18115	5.010	ug/l	95

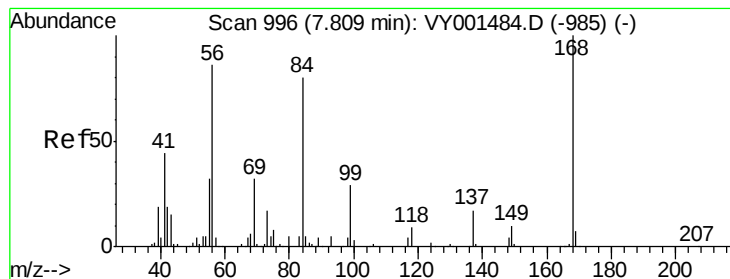
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001511.D

Acq: 05 Feb 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

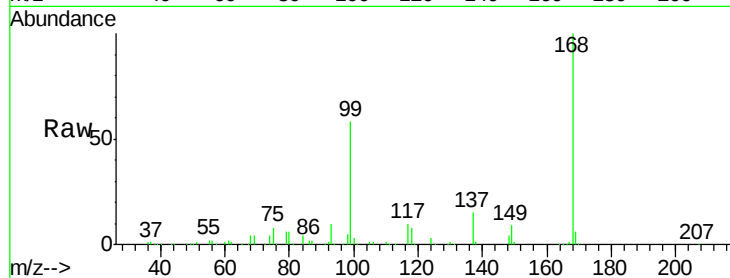
HAM-SB-03-1-2

Tot Ion:168 Resp: 169238

Ion Ratio Lower Upper

168 100

99 57.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001511.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001511.D (-947) (-)

7.82

80000

60000

40000

20000

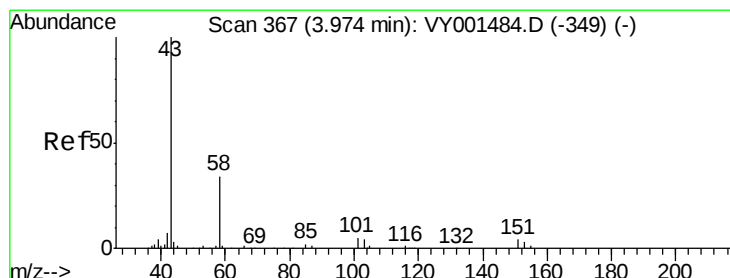
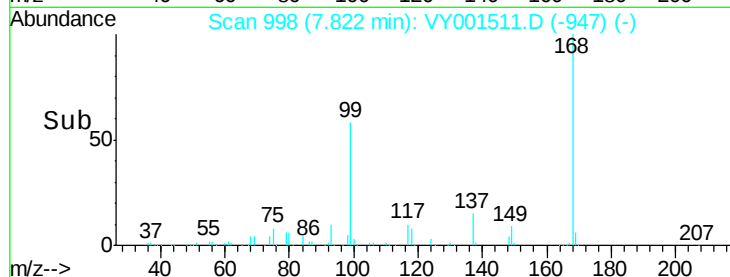
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Time-->

7.70

7.80

7.90



#16

Acetone

Concen: 6905.647 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001511.D

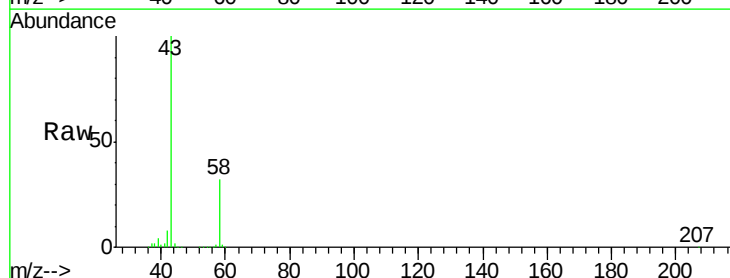
Acq: 05 Feb 2020 16:49

Tgt Ion: 43 Resp: 3403760

Ion Ratio Lower Upper

43 100

58 32.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001511.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001511.D (-318) (-)

3.98

1000000

500000

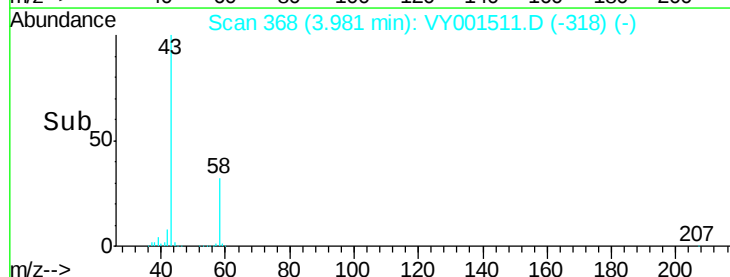
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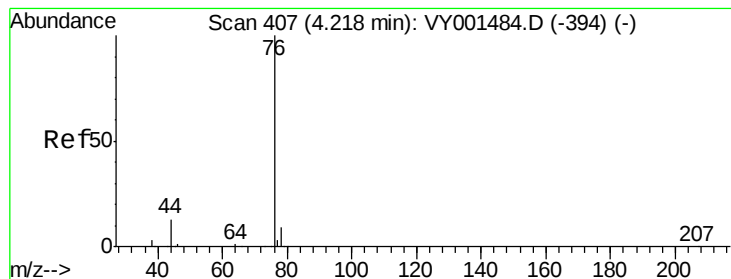
Time-->

3.80

4.00

4.20





#17

Carbon Disulfide

Concen: 3.630 ug/l

RT: 4.23 min Scan# 409

Delta R.T. 0.01 min

Lab File: VY001511.D

Acq: 05 Feb 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

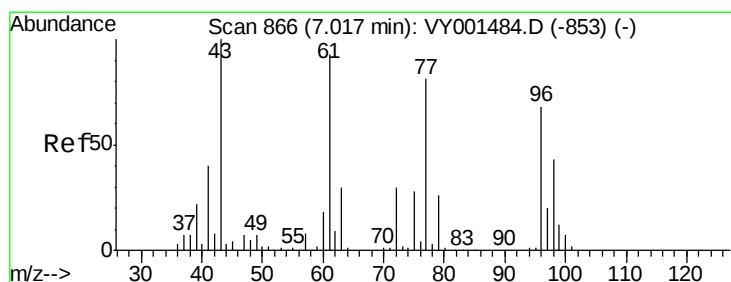
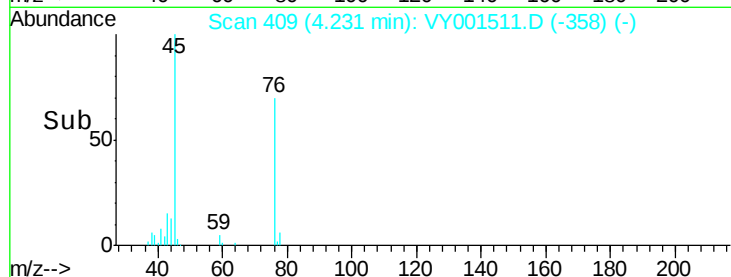
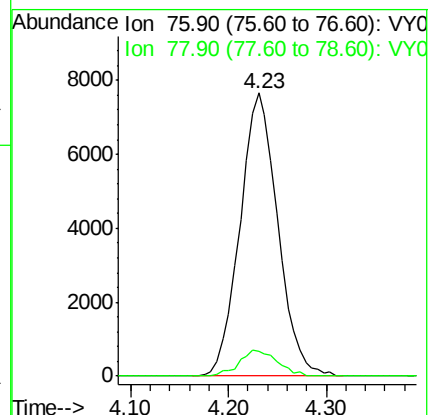
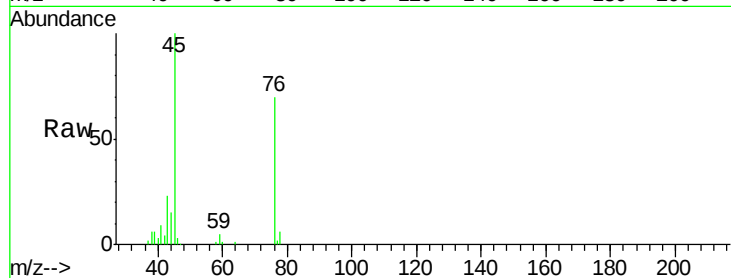
HAM-SB-03-1-2

Tot Ion: 76 Resp: 20563

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#25

2-Butanone

Concen: 39.330 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001511.D

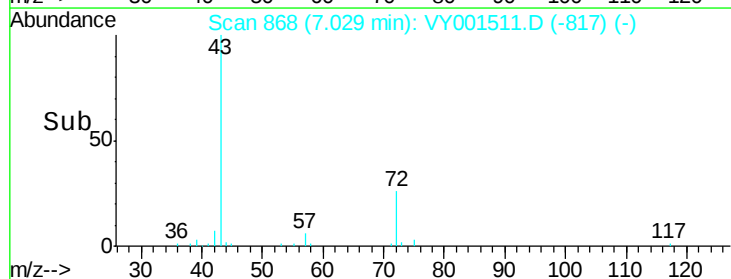
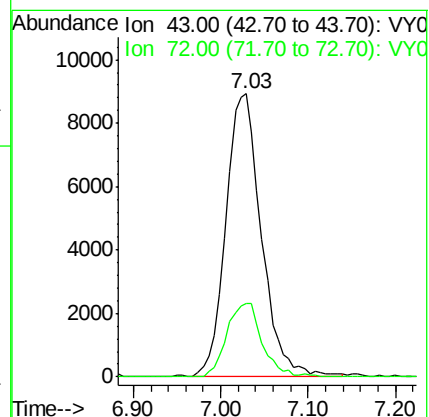
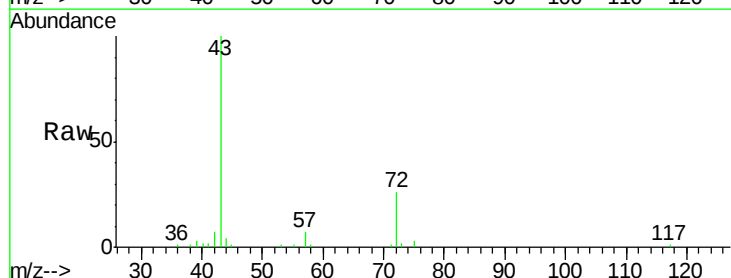
Acq: 05 Feb 2020 16:49

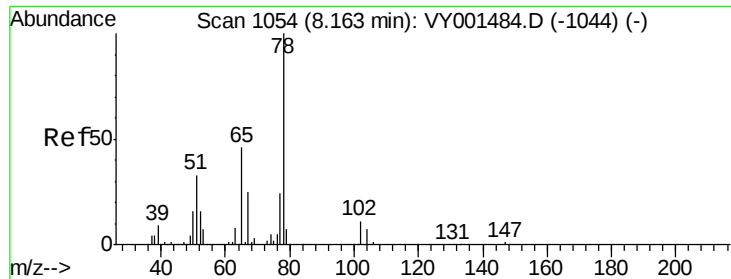
Tgt Ion: 43 Resp: 25150

Ion Ratio Lower Upper

43 100

72 26.0 23.8 35.8





#33

1,2-Dichloroethane-d4

Concen: 64.219 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001511.D

Acq: 05 Feb 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

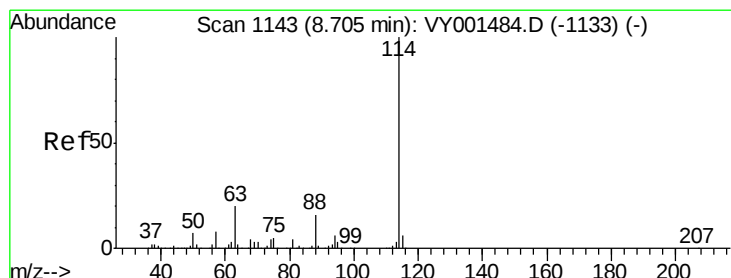
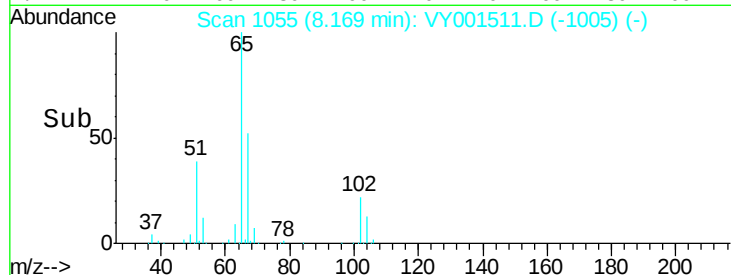
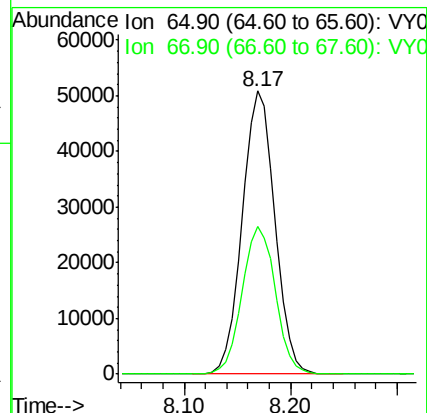
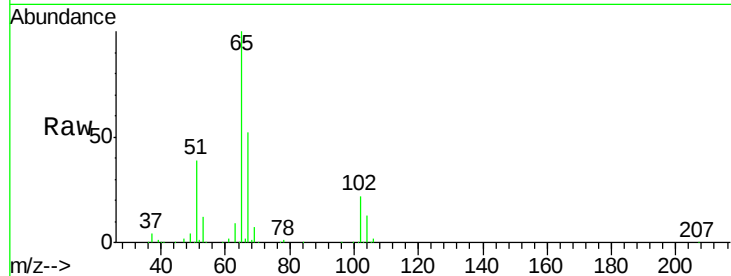
HAM-SB-03-1-2

Tot Ion: 65 Resp: 109428

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001511.D

Acq: 05 Feb 2020 16:49

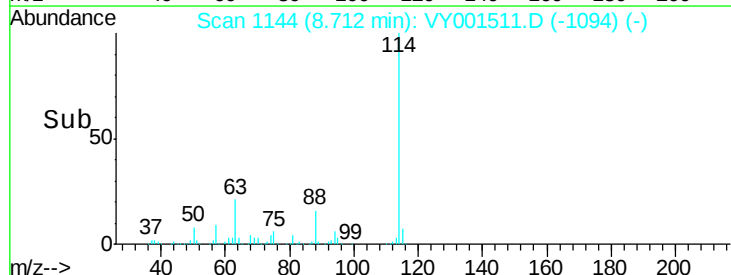
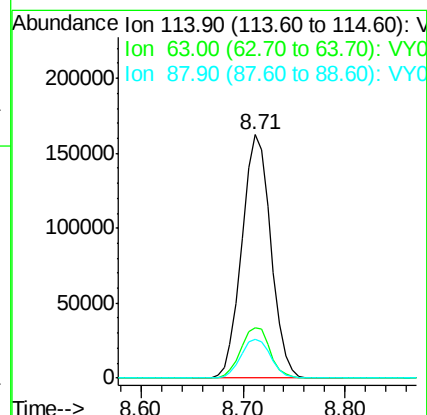
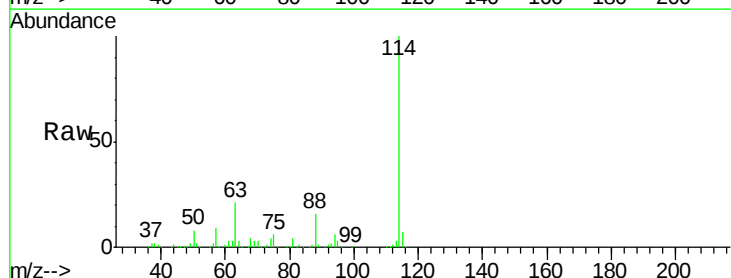
Tgt Ion: 114 Resp: 319340

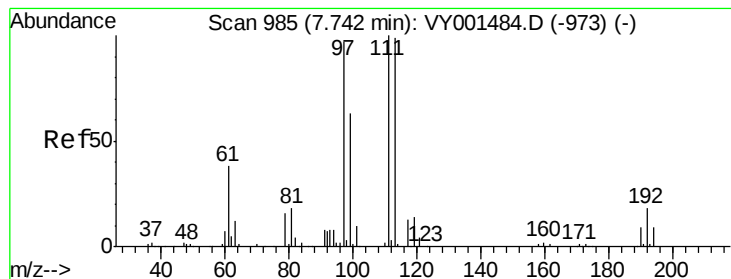
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.8

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.247 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001511.D

Acq: 05 Feb 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

HAM-SB-03-1-2

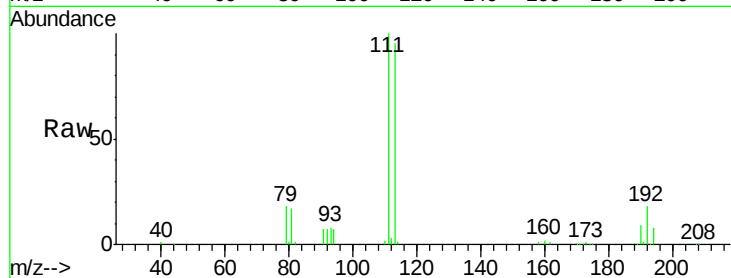
Tot Ion:113 Resp: 94370

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

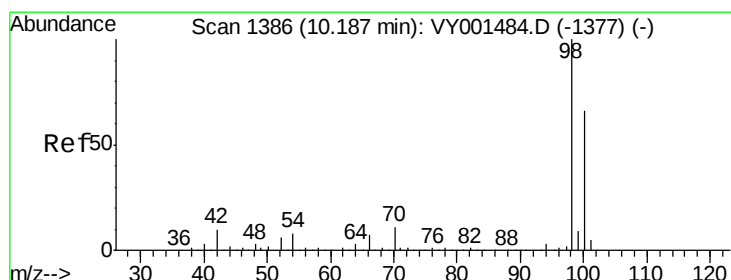
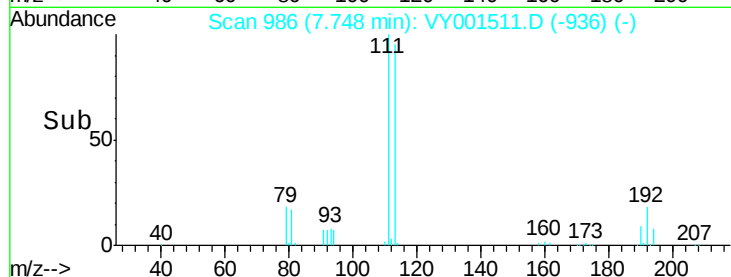
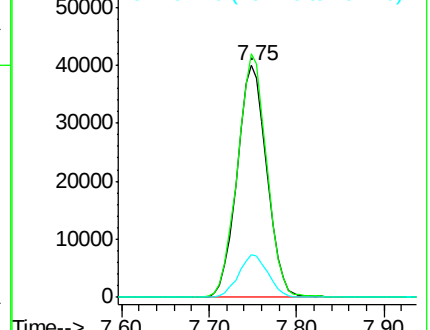
192 18.1 14.6 22.0



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: 54.983 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001511.D

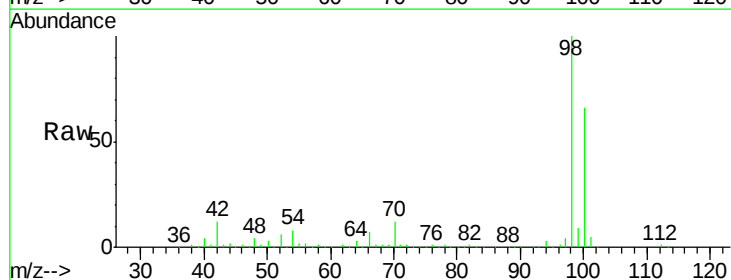
Acq: 05 Feb 2020 16:49

Tgt Ion: 98 Resp: 383070

Ion Ratio Lower Upper

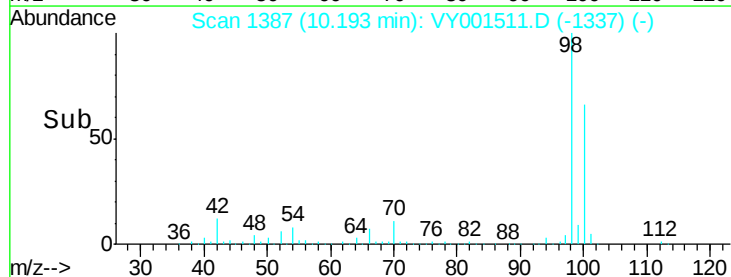
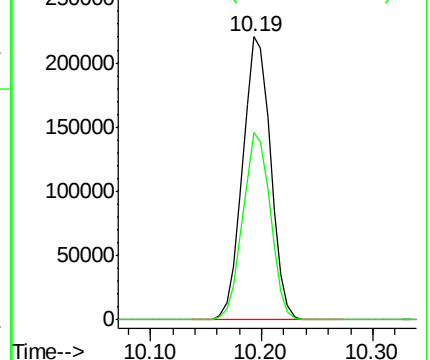
98 100

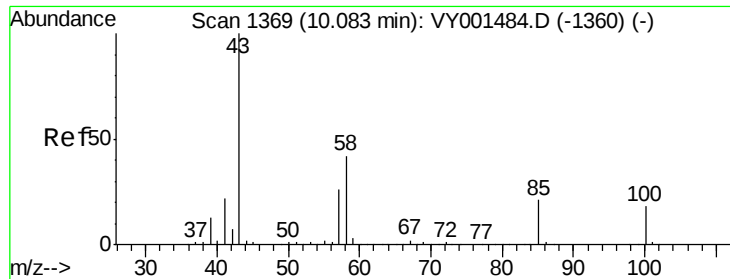
100 65.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.192 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001511.D

Acq: 05 Feb 2020 16:49

Instrument :

MSVOA_Y

ClientSampled :

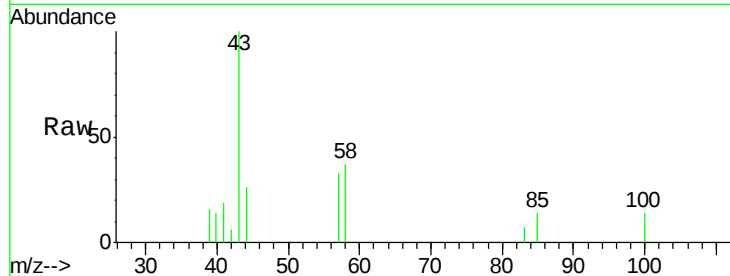
HAM-SB-03-1-2

Tot Ion: 43 Resp: 1644

Ion Ratio Lower Upper

43 100

58 36.6 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VY001511.D (-1370) (-)

Ion 58.00 (57.70 to 58.70): VY001511.D (-1370) (-)

2000

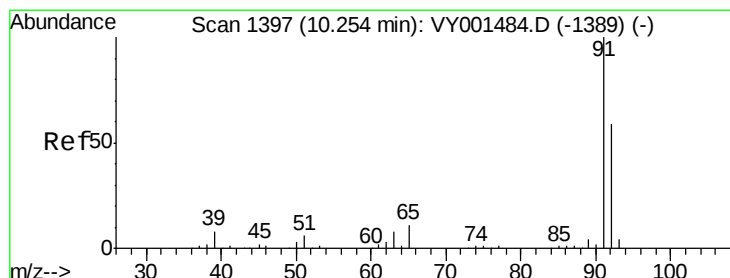
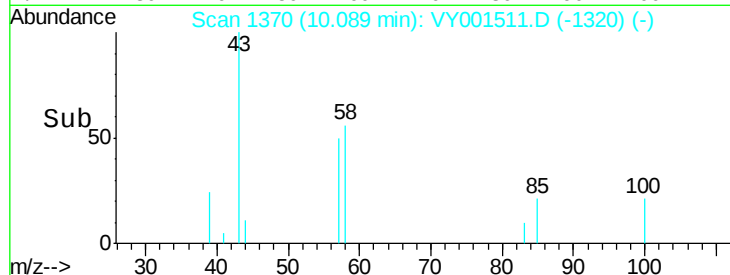
1500

1000

500

0

Time-->



#52

Toluene

Concen: 1.166 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY001511.D

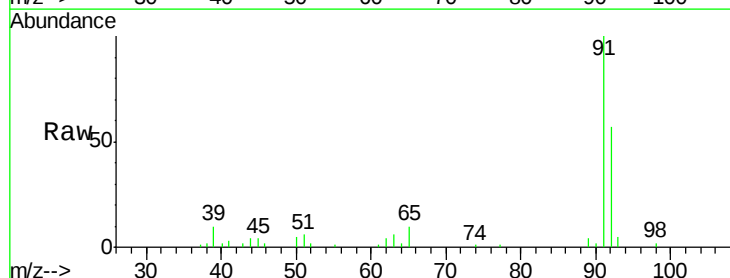
Acq: 05 Feb 2020 16:49

Tgt Ion: 92 Resp: 6167

Ion Ratio Lower Upper

92 100

91 176.1 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001511.D (-1398) (-)

Ion 91.00 (90.70 to 91.70): VY001511.D (-1398) (-)

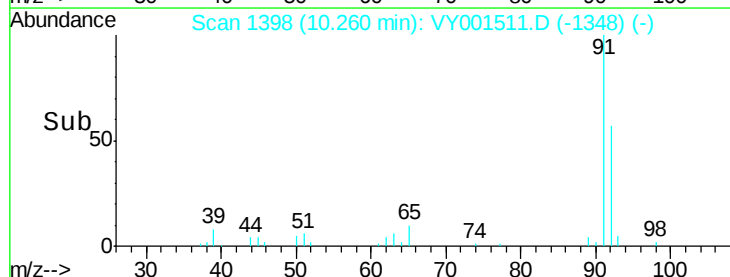
6000

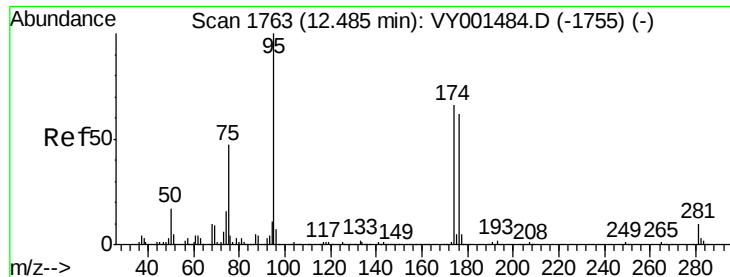
4000

2000

0

Time-->

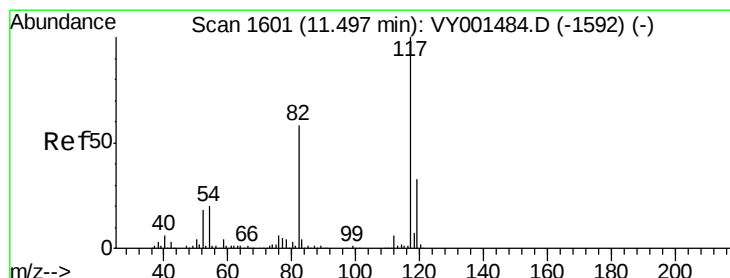
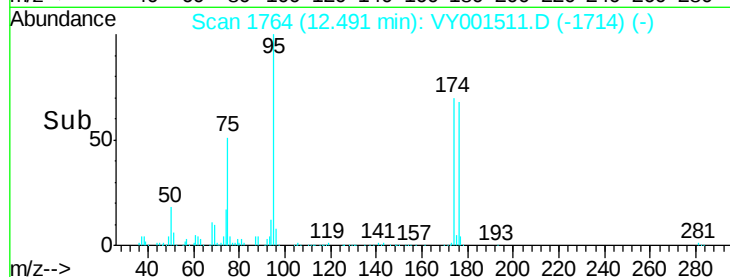
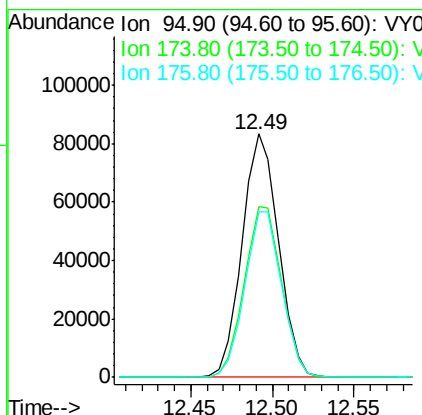
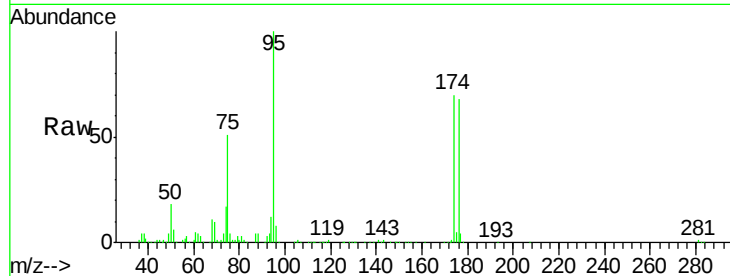




#62
4-Bromofluorobenzene
Concen: 47.288 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001511.D
Acq: 05 Feb 2020 16:49

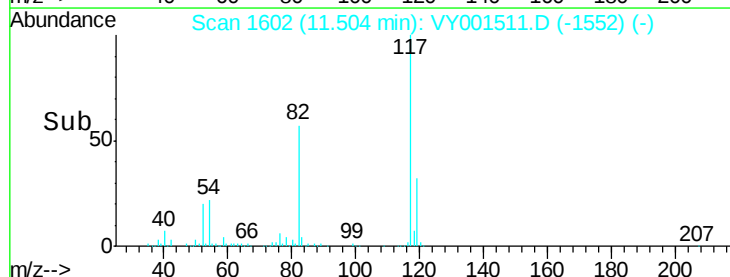
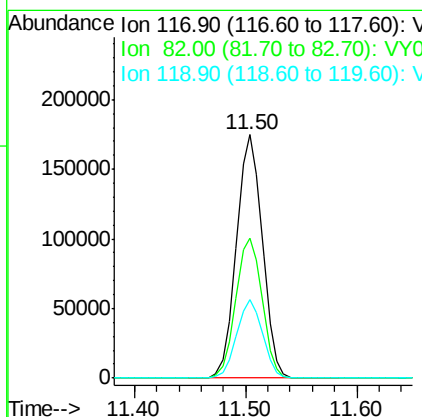
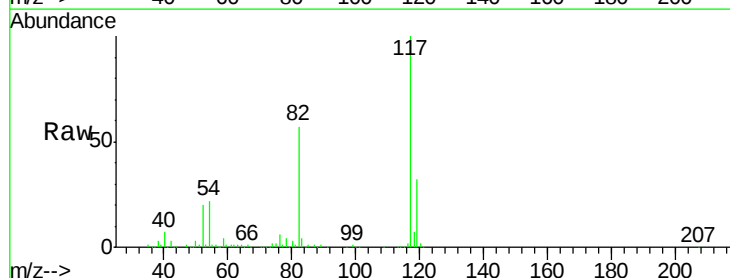
Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-03-1-2

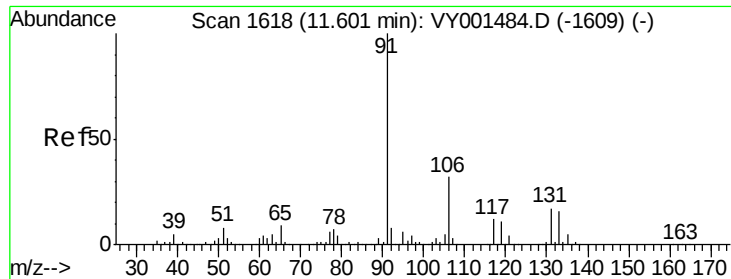
Tot Ion: 95 Resp: 129788
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.4
176 69.1 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001511.D
Acq: 05 Feb 2020 16:49

Tgt Ion: 117 Resp: 281357
Ion Ratio Lower Upper
117 100
82 57.3 46.1 69.1
119 32.0 26.1 39.1





#67

Ethyl Benzene

Concen: 1.851 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001511.D

Acq: 05 Feb 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

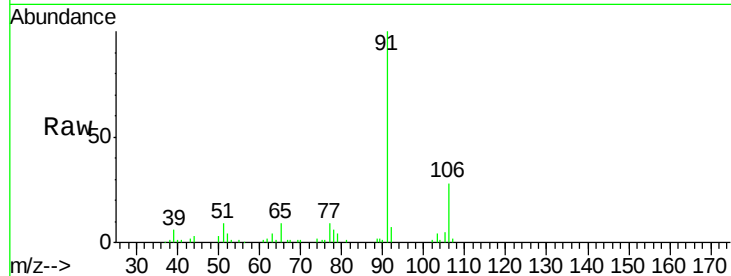
HAM-SB-03-1-2

Tot Ion: 91 Resp: 18903

Ion Ratio Lower Upper

91 100

106 28.4 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VY001484.D (-1609) (-)

Ion 106.00 (105.70 to 106.70): VY001484.D (-1609) (-)

30000

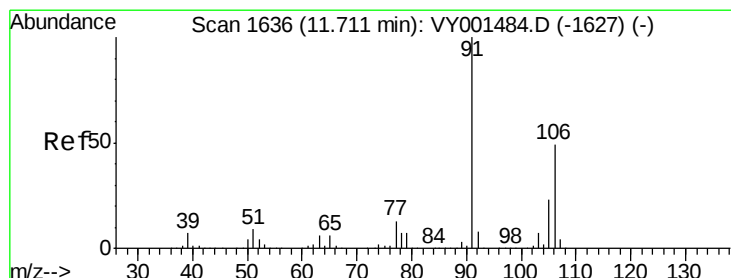
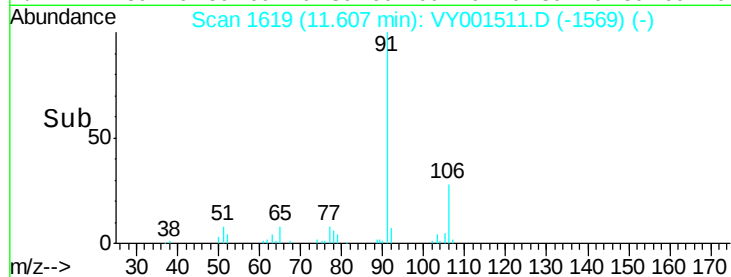
20000

10000

0

11.55 11.60 11.65

Time-->



#68

m/p-Xylenes

Concen: 11.201 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY001511.D

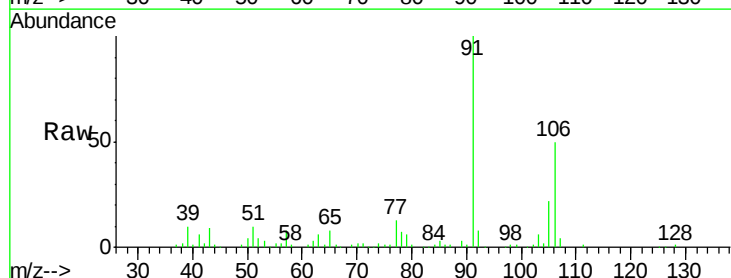
Acq: 05 Feb 2020 16:49

Tgt Ion: 106 Resp: 42950

Ion Ratio Lower Upper

106 100

91 202.6 163.6 245.4



Abundance Ion 106.00 (105.70 to 106.70): VY001484.D (-1627) (-)

Ion 91.00 (90.70 to 91.70): VY001484.D (-1627) (-)

60000

50000

40000

30000

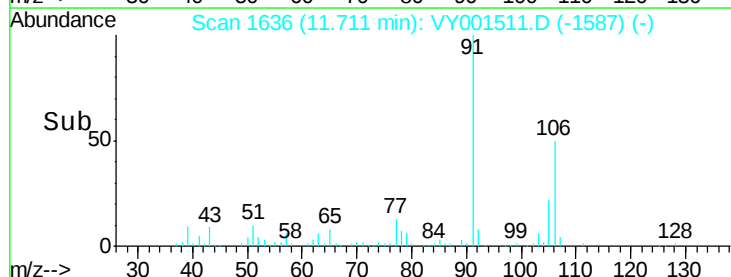
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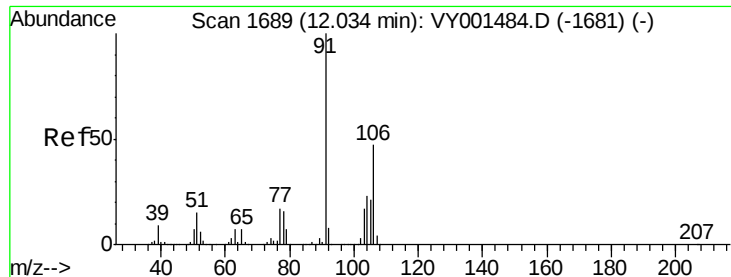
10000

0

11.65 11.70 11.75

Time-->

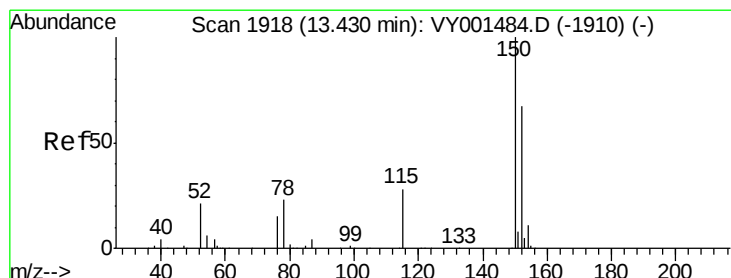
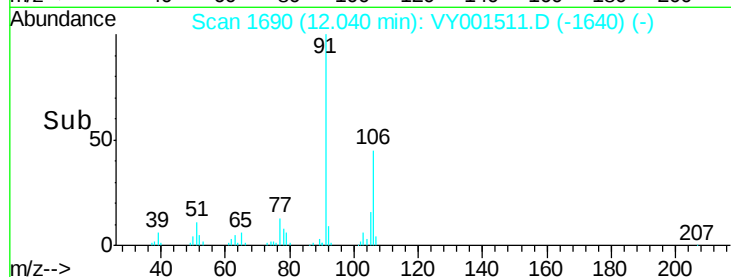
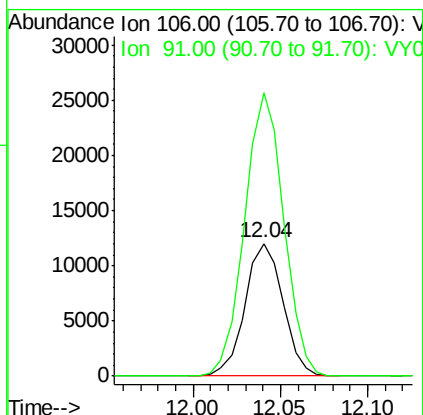
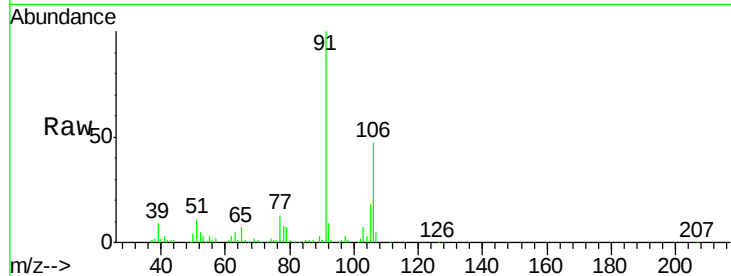




#69
o-Xylene
Concen: 5.010 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001511.D
Acq: 05 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-03-1-2

Tot Ion:106 Resp: 18115
Ion Ratio Lower Upper
106 100
91 220.3 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001511.D
Acq: 05 Feb 2020 16:49

Tgt Ion:152 Resp: 104561
Ion Ratio Lower Upper
152 100
115 61.8 31.4 94.3
150 157.1 0.0 346.8

