

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
 Data File : VY001623.D
 Acq On : 13 Feb 2020 11:53
 Operator : SY/MD
 Sample : VY0213SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0213SBL01

Quant Time: Feb 14 06:44:20 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	7.80	168	167058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	311039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	277937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123873	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99913	59.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.80%	
35) Dibromofluoromethane	7.74	113	90666	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.19	98	373528	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
62) 4-Bromofluorobenzene	12.49	95	126907	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

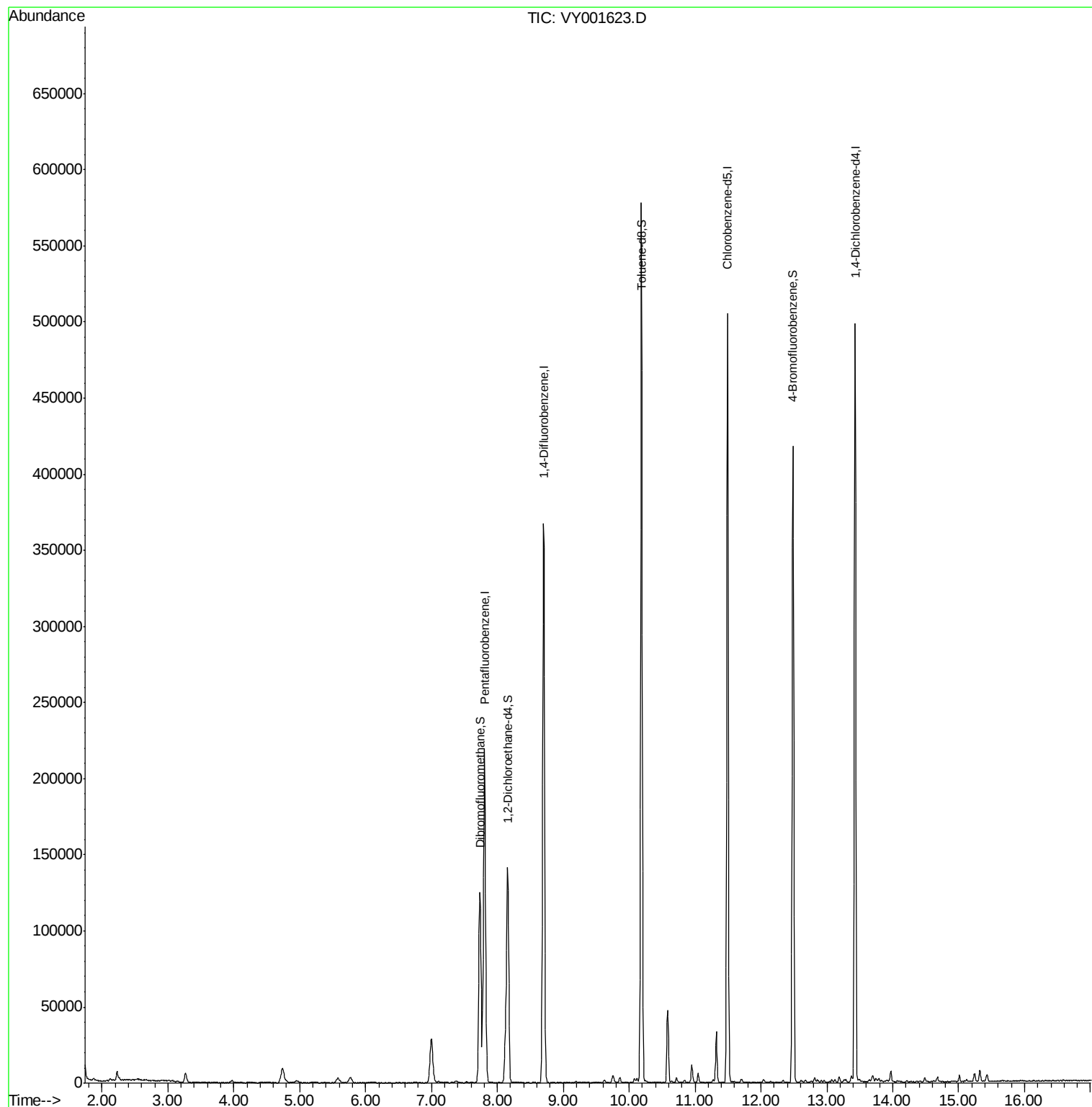
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001623.D

Acq: 13 Feb 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

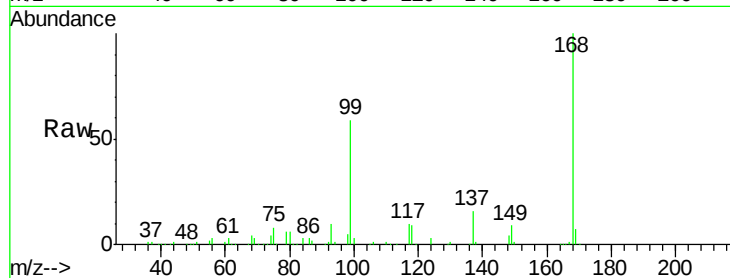
VY0213SBL01

Tot Ion:168 Resp: 167058

Ion Ratio Lower Upper

168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.80

80000

60000

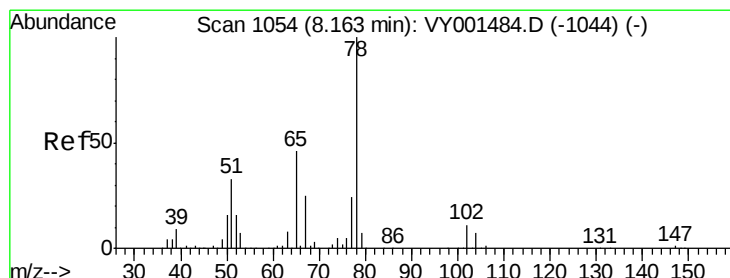
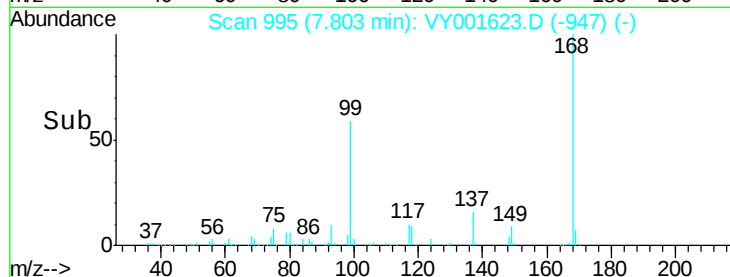
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.400 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001623.D

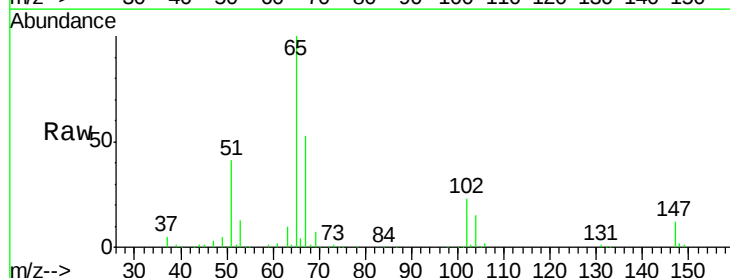
Acq: 13 Feb 2020 11:53

Tgt Ion: 65 Resp: 99913

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001484.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001484.D (-1044) (-)

8.16

50000

40000

30000

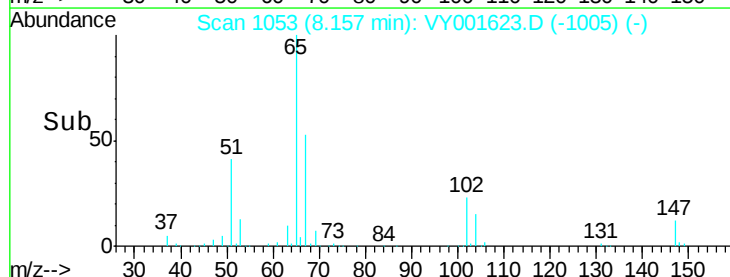
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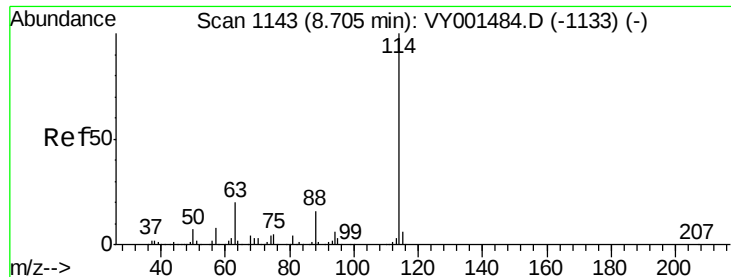
10000

0

8.10 8.20

Time-->

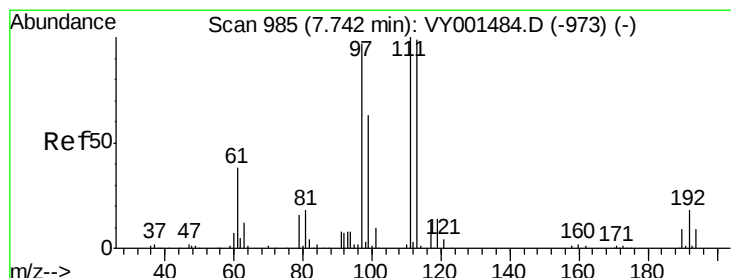
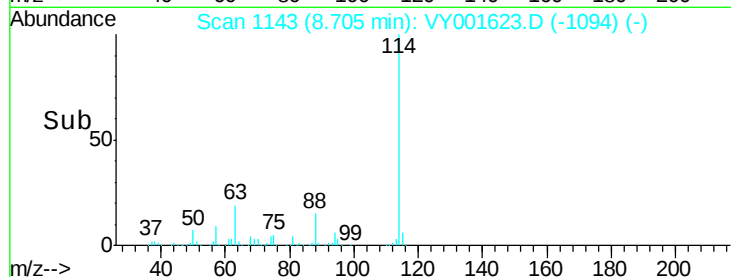
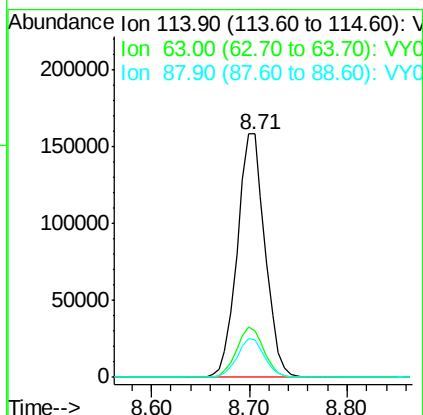
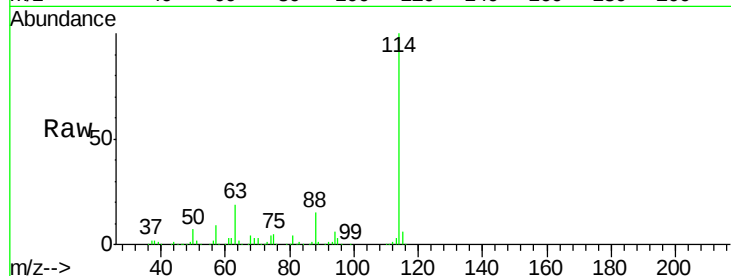




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY001623.D
 Acq: 13 Feb 2020 11:53

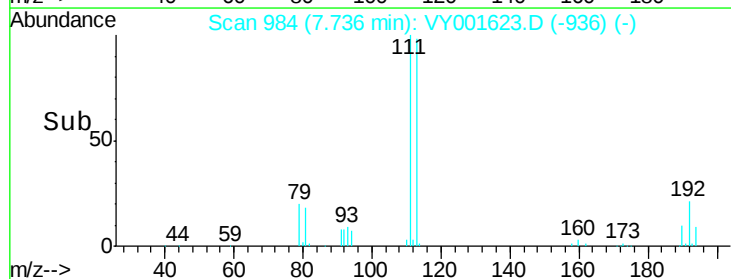
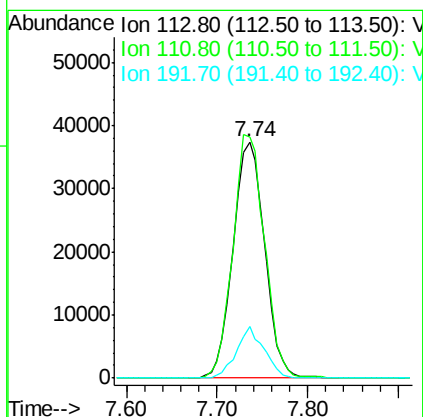
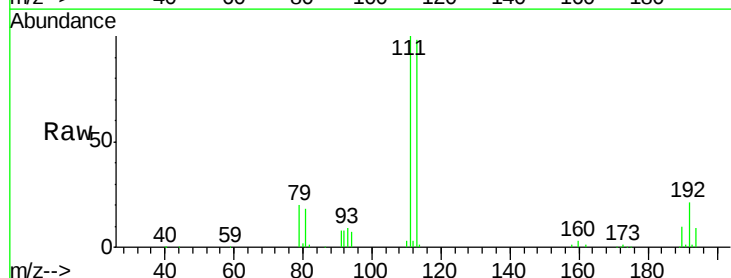
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0213SBL01

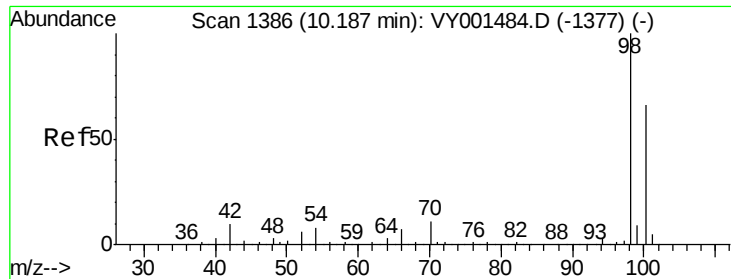
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.8
88	15.3	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 50.550 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001623.D
 Acq: 13 Feb 2020 11:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	18.9	14.6	22.0





#50

Toluene-d8

Concen: 55.044 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001623.D

Acq: 13 Feb 2020 11:53

Instrument :

MSVOA_Y

ClientSampleId :

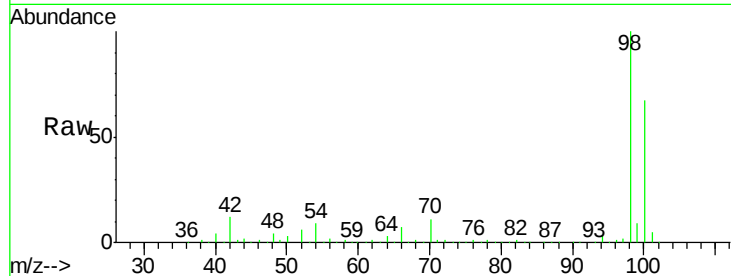
VY0213SBL01

Tot Ion: 98 Resp: 373528

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

200000

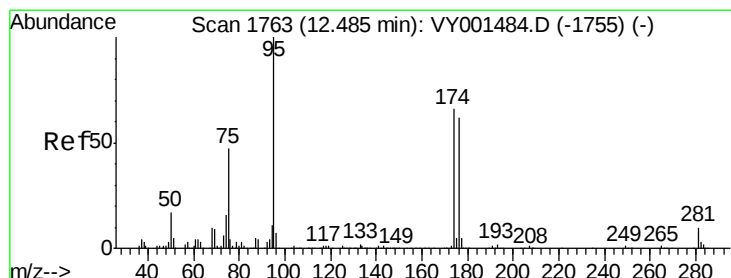
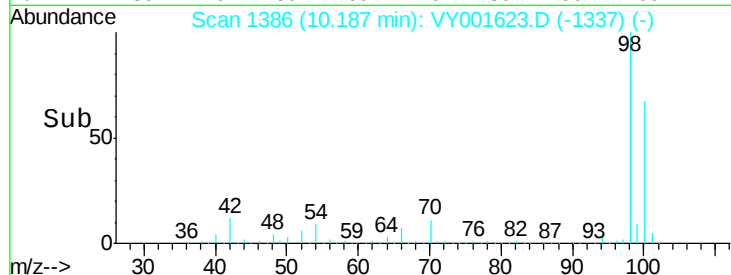
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.472 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001623.D

Acq: 13 Feb 2020 11:53

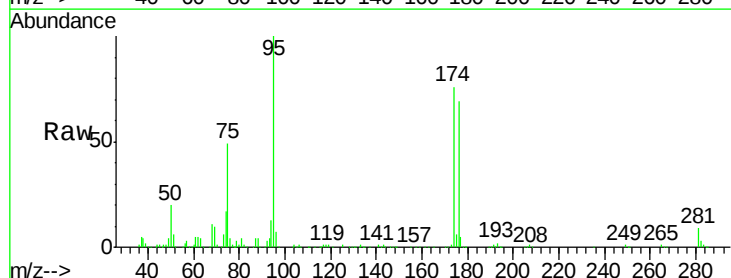
Tgt Ion: 95 Resp: 126907

Ion Ratio Lower Upper

95 100

174 75.2 0.0 141.4

176 72.3 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

12.49

100000

80000

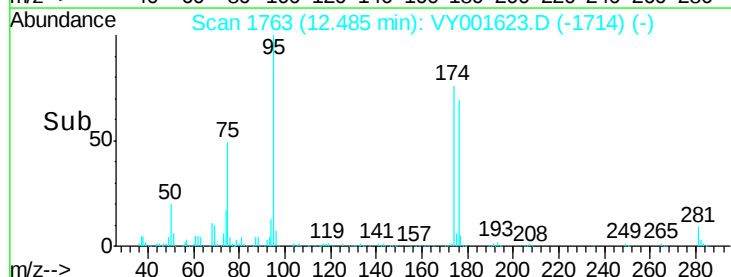
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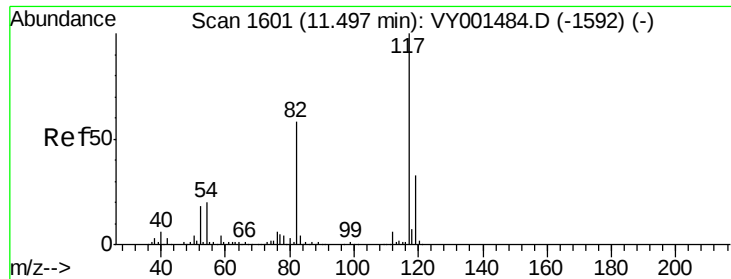
40000

20000

0

Time-->

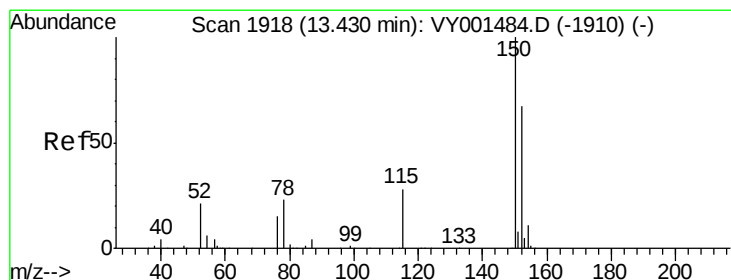
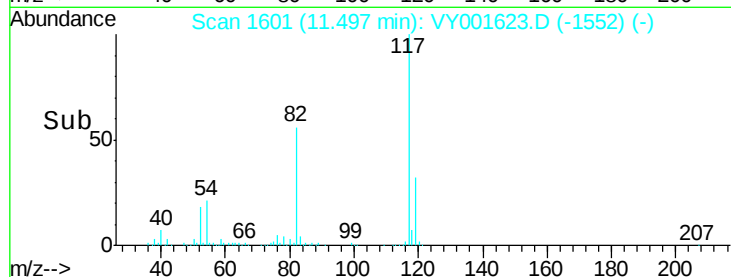
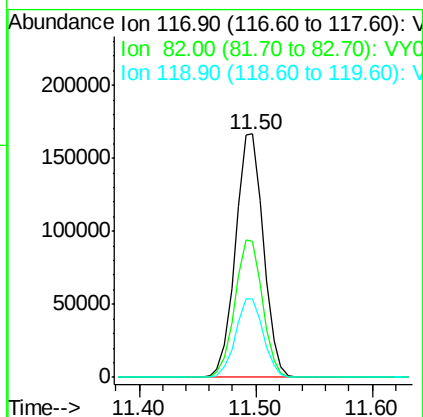
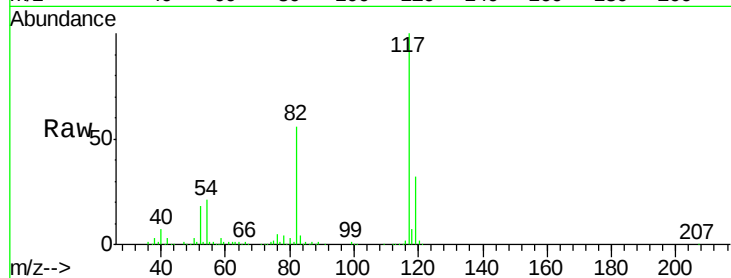




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001623.D
Acq: 13 Feb 2020 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0213SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.1	69.1
119	32.2	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001623.D
Acq: 13 Feb 2020 11:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	31.4	94.3
150	156.0	0.0	346.8

