

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001568.D
 Acq On : 07 Feb 2020 20:28
 Operator : SY/MD
 Sample : L1403-17
 Misc : 5.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-12-12.5

Quant Time: Feb 08 04:05:52 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	171228	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	304468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	268848	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	121438	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	101267	58.74	ug/l	0.00
Spiked Amount			Recovery	=	117.48%	
35) Dibromofluoromethane	7.75	113	87443	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	10.20	98	365654	55.05	ug/l	0.01
Spiked Amount			Recovery	=	110.10%	
62) 4-Bromofluorobenzene	12.50	95	123783	47.30	ug/l	0.01
Spiked Amount			Recovery	=	94.60%	

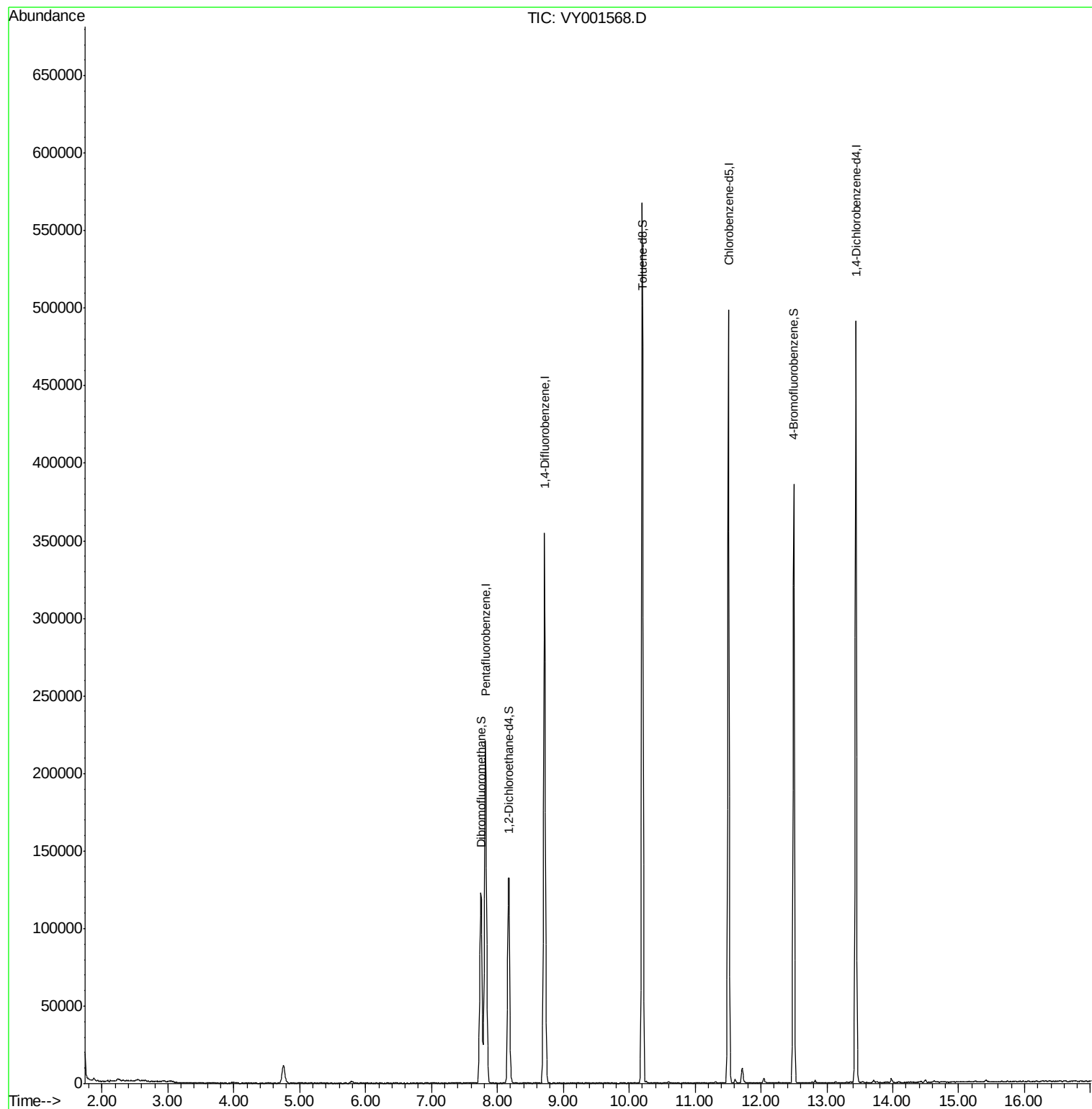
Target Compounds	Qvalue
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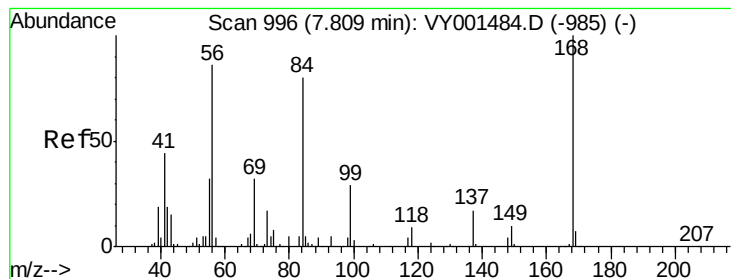
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
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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: VY001568.D

Acq: 07 Feb 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

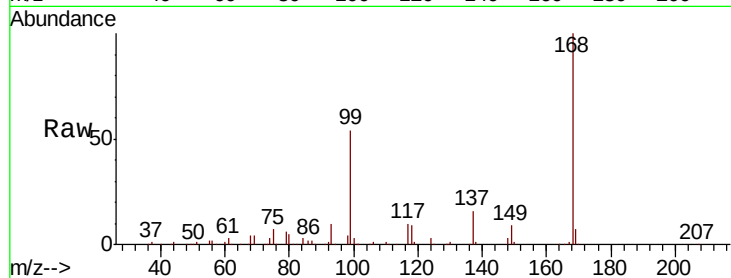
SB-17-12-12.5

Tot Ion:168 Resp: 171228

Ion Ratio Lower Upper

168 100

99 54.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001568.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001568.D (-947) (-)

7.82

80000

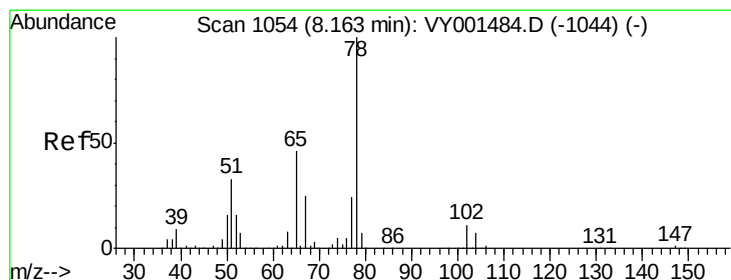
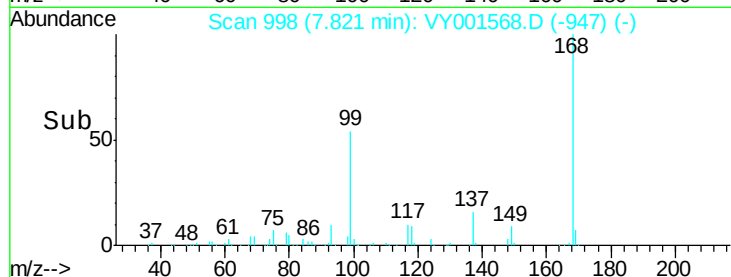
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 58.739 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001568.D

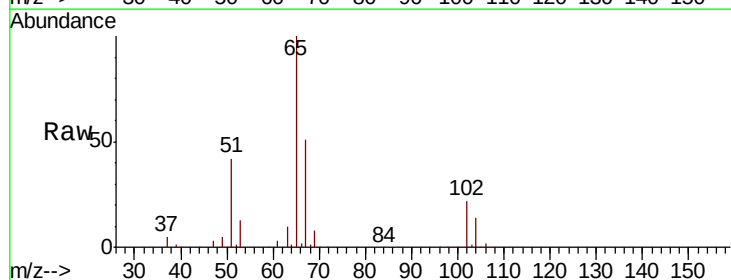
Acq: 07 Feb 2020 20:28

Tgt Ion: 65 Resp: 101267

Ion Ratio Lower Upper

65 100

67 54.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001568.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001568.D (-1005) (-)

8.17

50000

40000

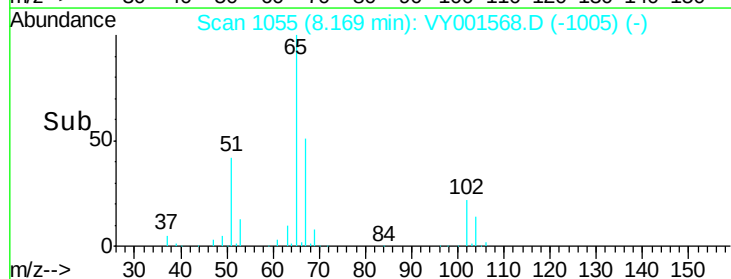
30000

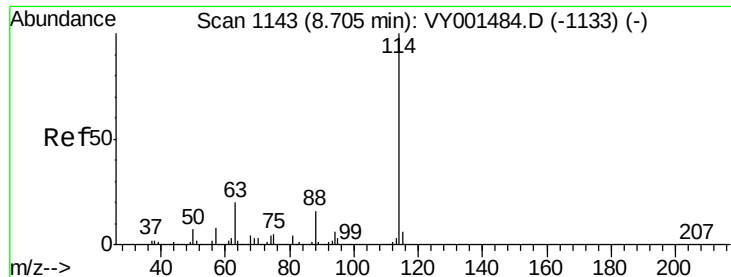
20000

10000

0

Time--> 8.05 8.10 8.15 8.20 8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001568.D

Acq: 07 Feb 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-17-12-12.5

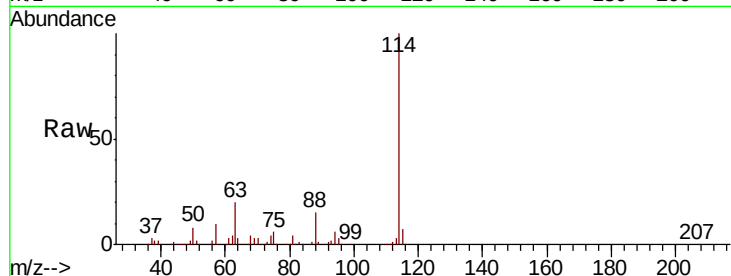
Tot Ion:114 Resp: 304468

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

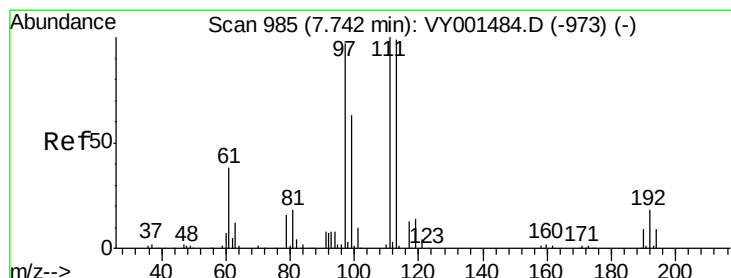
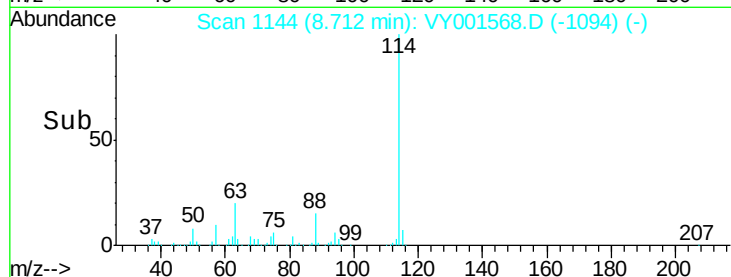
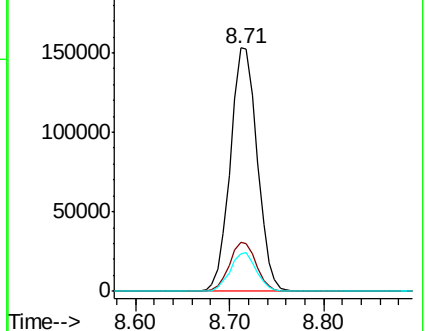
88 15.3 0.0 32.6



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: 49.805 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001568.D

Acq: 07 Feb 2020 20:28

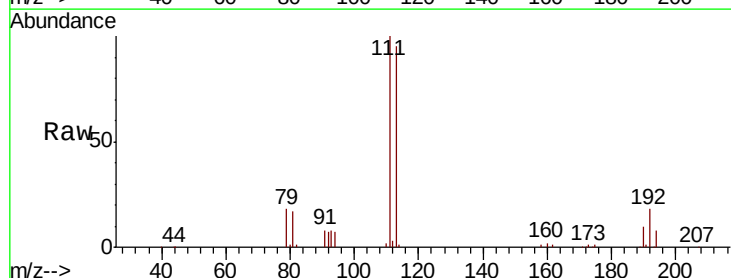
Tgt Ion:113 Resp: 87443

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

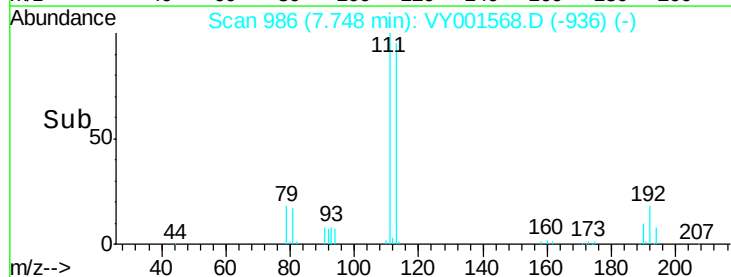
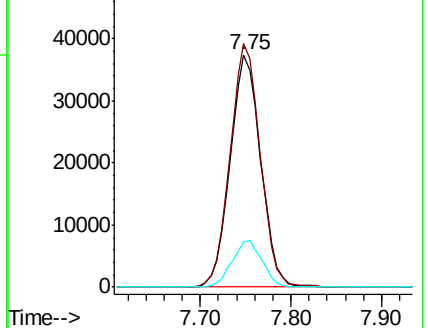
192 19.8 14.6 22.0

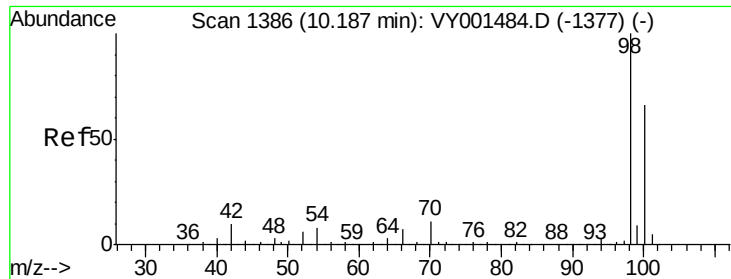


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.047 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001568.D

Acq: 07 Feb 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

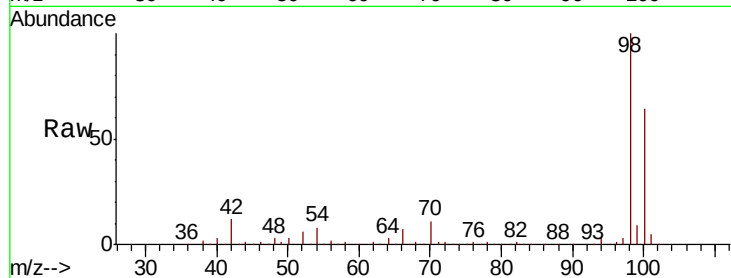
SB-17-12-12.5

Tot Ion: 98 Resp: 365654

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001484.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001484.D (-1377) (-)

250000

200000

150000

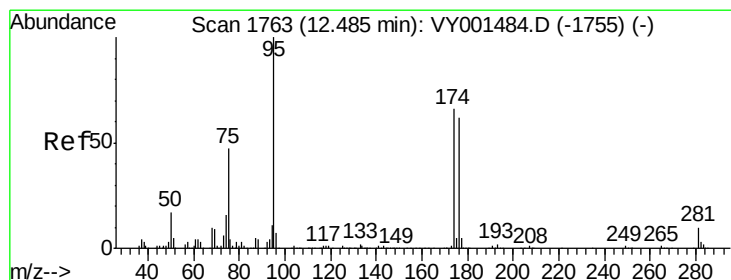
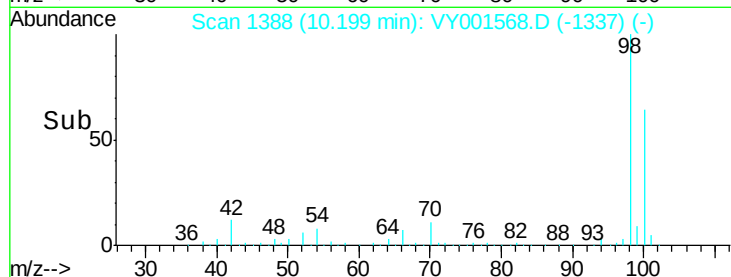
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 47.303 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001568.D

Acq: 07 Feb 2020 20:28

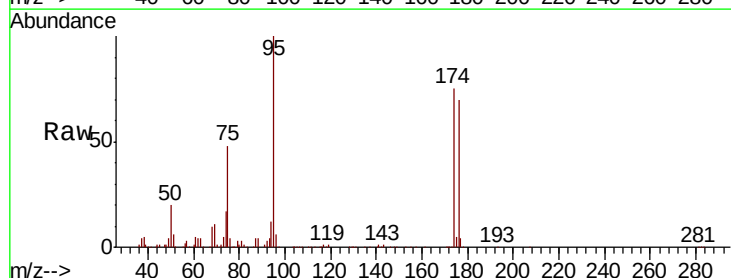
Tgt Ion: 95 Resp: 123783

Ion Ratio Lower Upper

95 100

174 76.7 0.0 141.4

176 71.7 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001484.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001484.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001484.D (-1755) (-)

100000

80000

60000

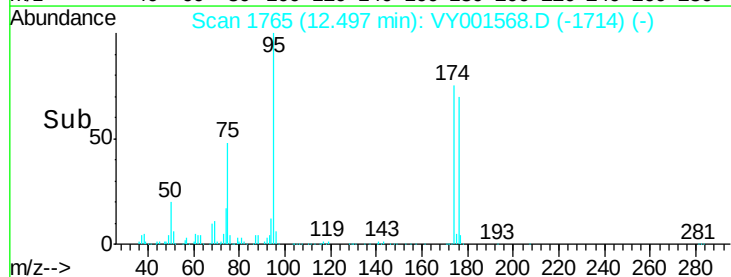
40000

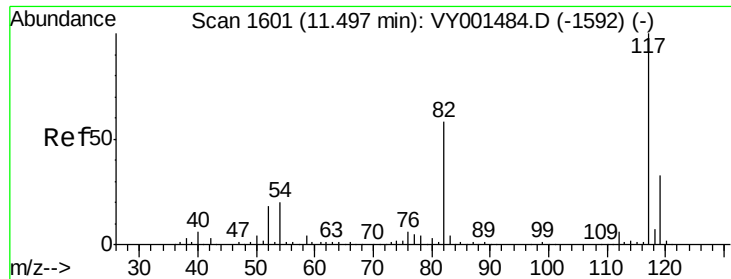
20000

0

12.40 12.45 12.50 12.55

Time-->

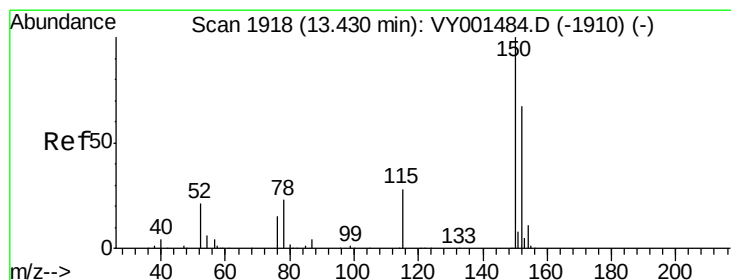
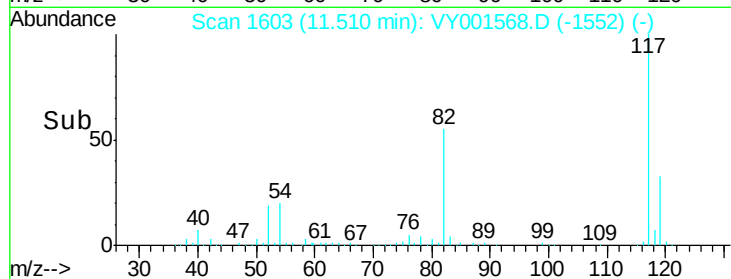
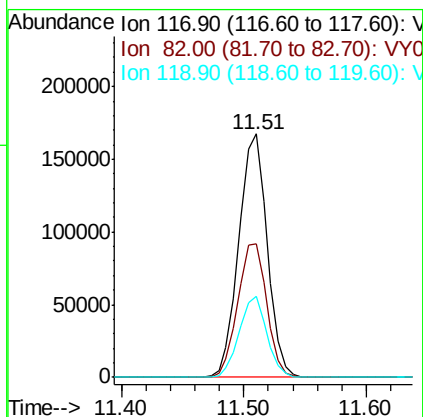
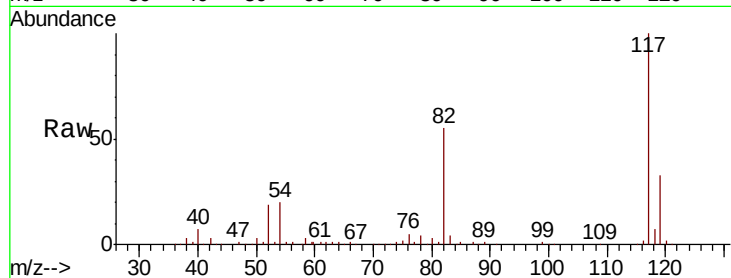




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001568.D
Acq: 07 Feb 2020 20:28

Instrument :
MSVOA_Y
ClientSampleId :
SB-17-12-12.5

Tot Ion:117 Resp: 268848
Ion Ratio Lower Upper
117 100
82 54.7 46.1 69.1
119 33.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001568.D
Acq: 07 Feb 2020 20:28

Tgt Ion:152 Resp: 121438
Ion Ratio Lower Upper
152 100
115 59.8 31.4 94.3
150 158.7 0.0 346.8

