

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001565.D
 Acq On : 07 Feb 2020 19:22
 Operator : SY/MD
 Sample : L1472-03
 Misc : 11.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Feb 08 03:57:15 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	174191	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	309276	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	279360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128301	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	100992	57.58	ug/l	0.01
Spiked Amount	50.000		Recovery	=	115.16%	
35) Dibromofluoromethane	7.75	113	88977	49.89	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	10.20	98	370816	54.96	ug/l	0.01
Spiked Amount	50.000		Recovery	=	109.92%	
62) 4-Bromofluorobenzene	12.50	95	127577	47.99	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.98%	

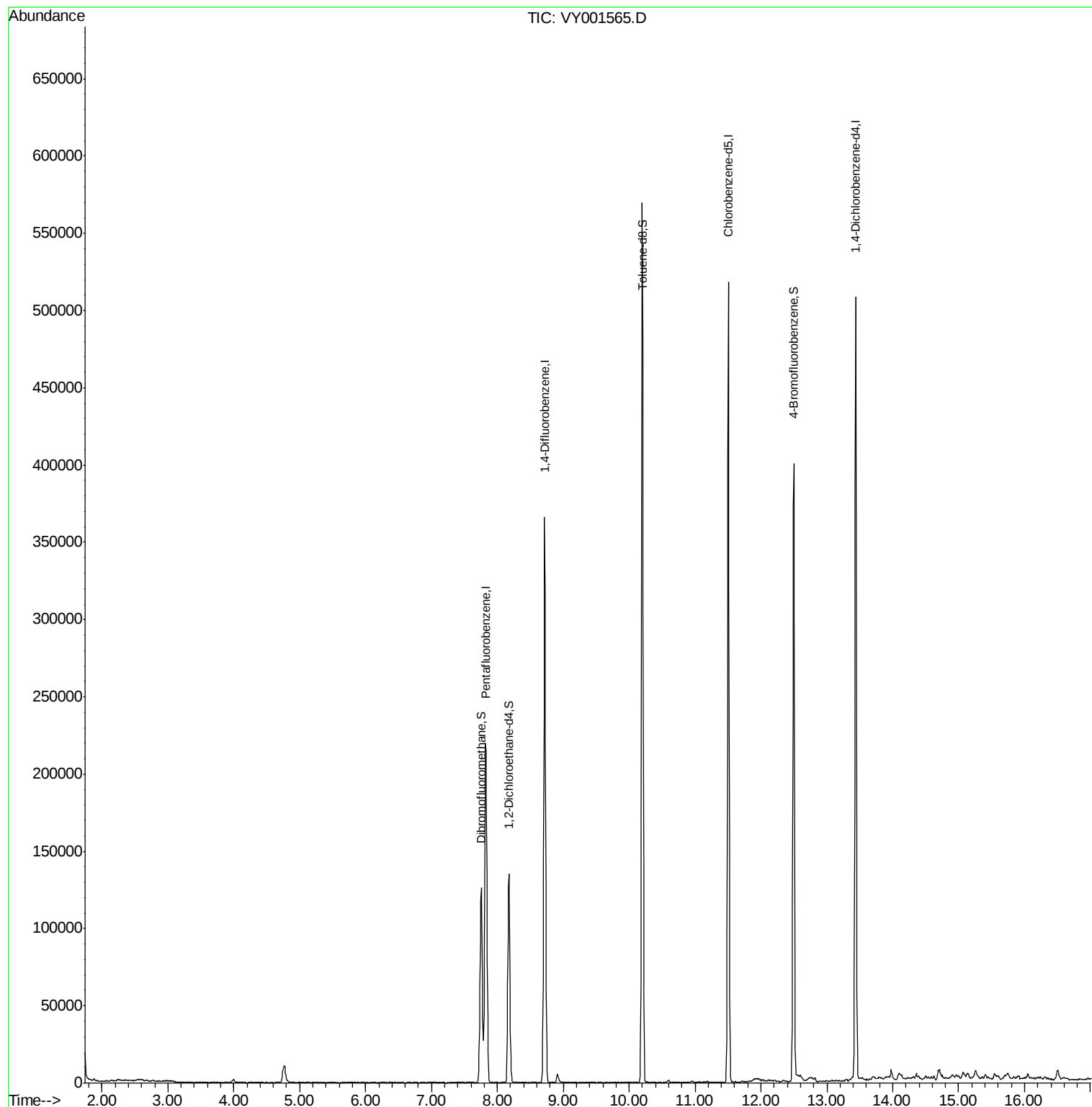
Target Compounds	Qvalue

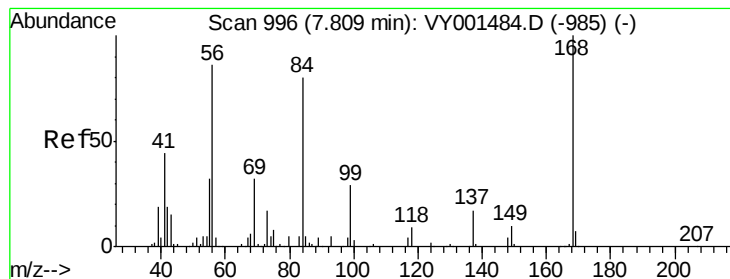
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001565.D

Acq: 07 Feb 2020 19:22

Instrument :

MSVOA_Y

ClientSampleId :

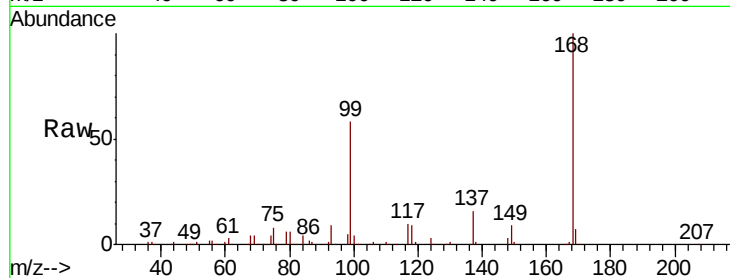
TP-3

Tot Ion:168 Resp: 174191

Ion Ratio Lower Upper

168 100

99 57.7 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) (-)

7.82

80000

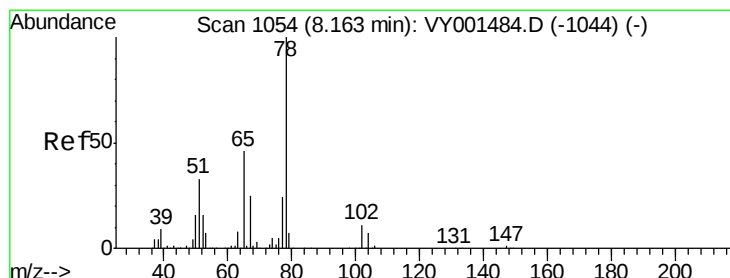
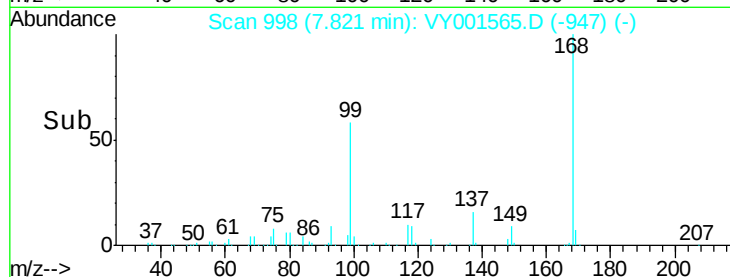
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 57.583 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001565.D

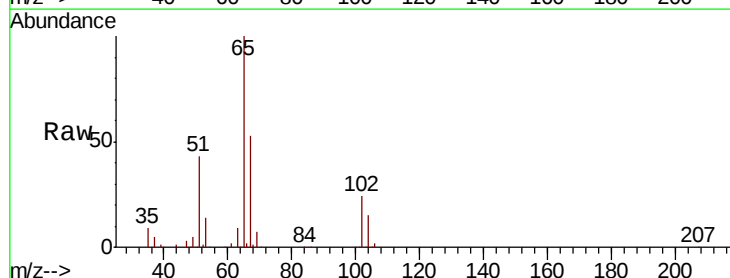
Acq: 07 Feb 2020 19:22

Tgt Ion: 65 Resp: 100992

Ion Ratio Lower Upper

65 100

67 54.1 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) (-)

8.18

50000

40000

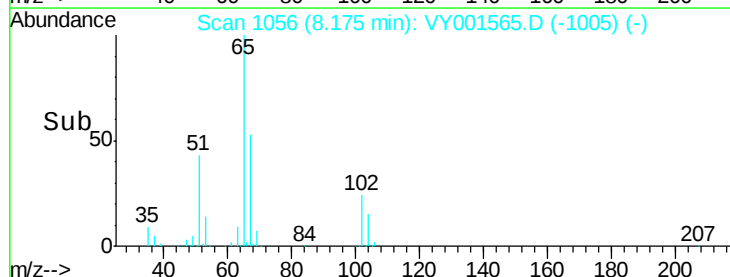
30000

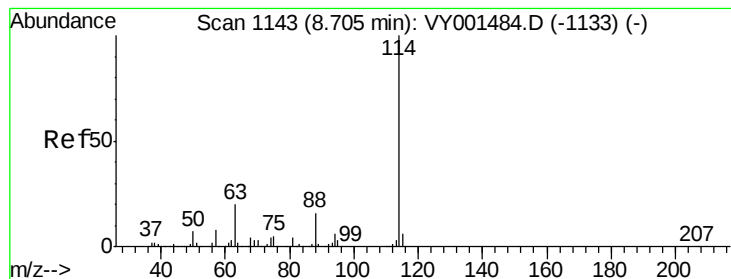
20000

10000

0

Time--> 8.10 8.15 8.20 8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001565.D

Acq: 07 Feb 2020 19:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

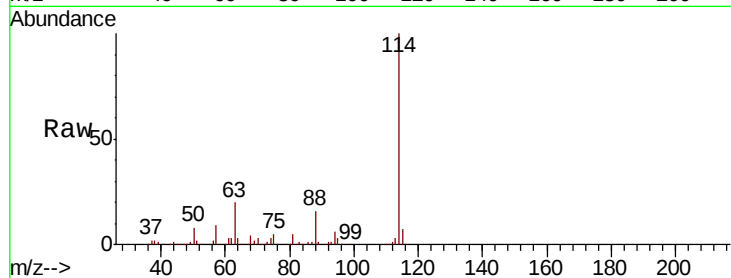
Tot Ion:114 Resp: 309276

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

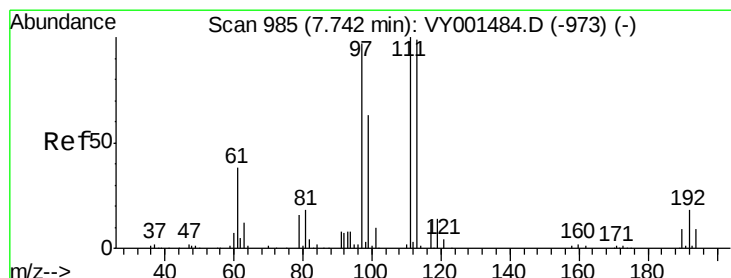
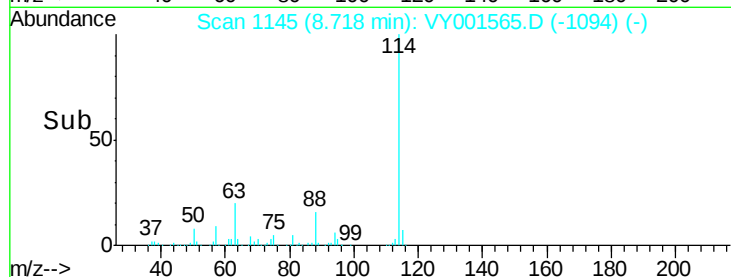
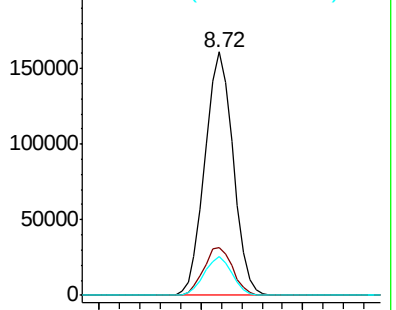
88 15.7 0.0 32.6



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: 49.891 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001565.D

Acq: 07 Feb 2020 19:22

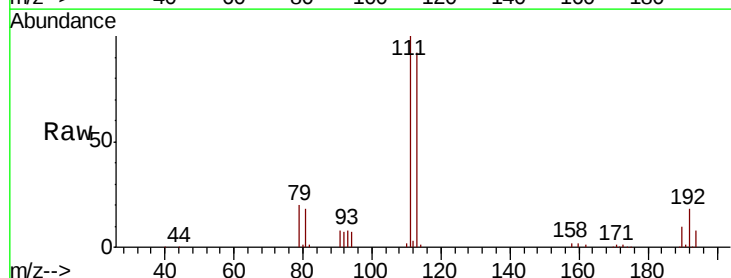
Tgt Ion:113 Resp: 88977

Ion Ratio Lower Upper

113 100

111 106.1 82.9 124.3

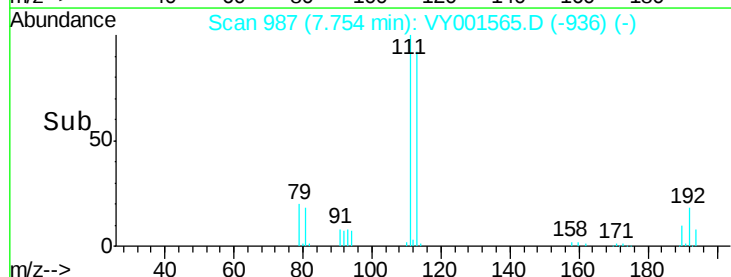
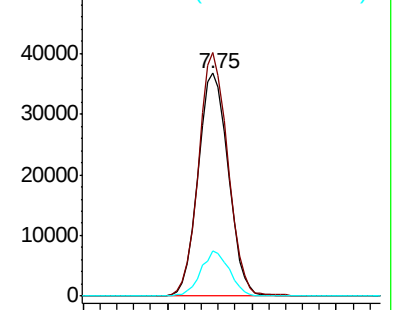
192 19.0 14.6 22.0

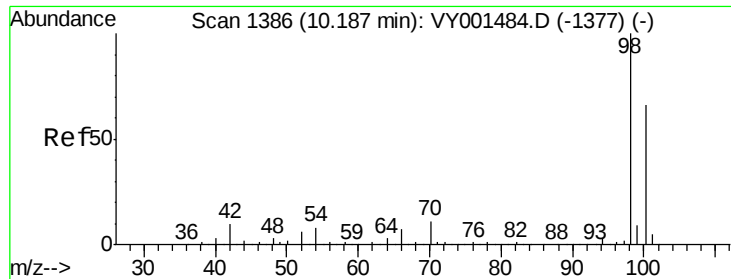


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.956 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001565.D

Acq: 07 Feb 2020 19:22

Instrument :

MSVOA_Y

ClientSampleId :

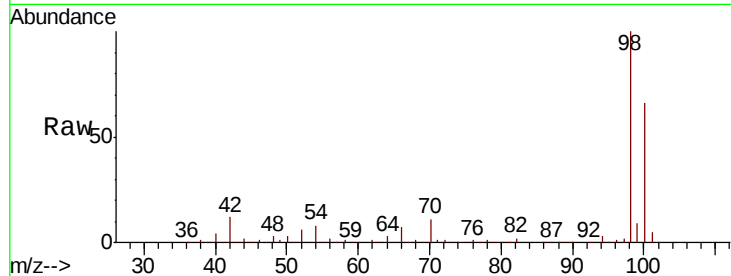
TP-3

Tot Ion: 98 Resp: 370816

Ion Ratio Lower Upper

98 100

100 66.1 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) (-)

10.20

250000

200000

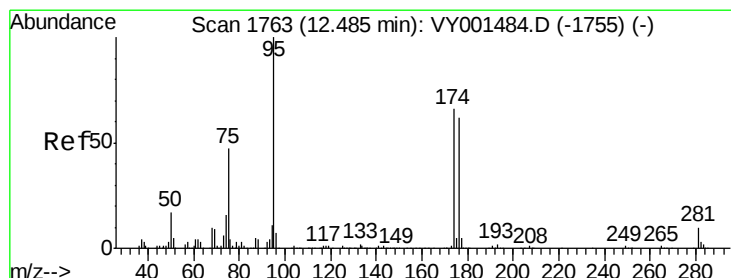
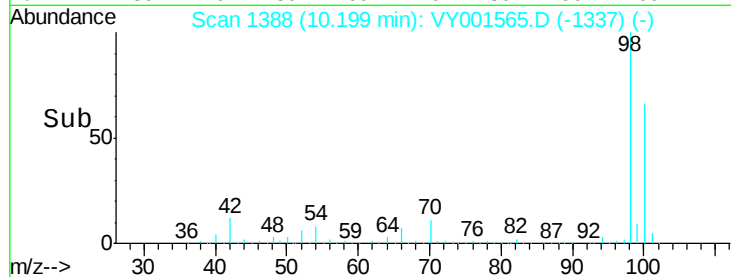
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.995 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001565.D

Acq: 07 Feb 2020 19:22

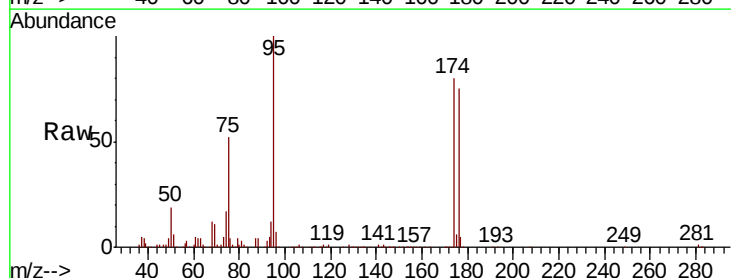
Tgt Ion: 95 Resp: 127577

Ion Ratio Lower Upper

95 100

174 77.3 0.0 141.4

176 73.5 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) (-)

12.50

100000

80000

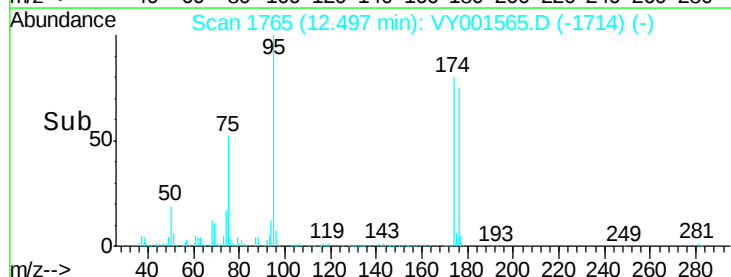
60000

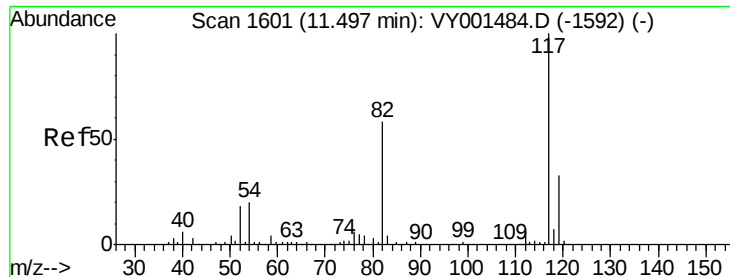
40000

20000

0

Time-->

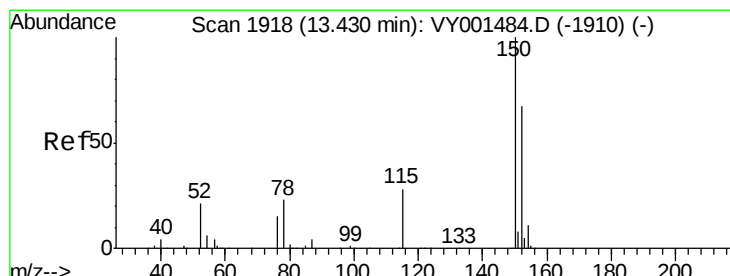
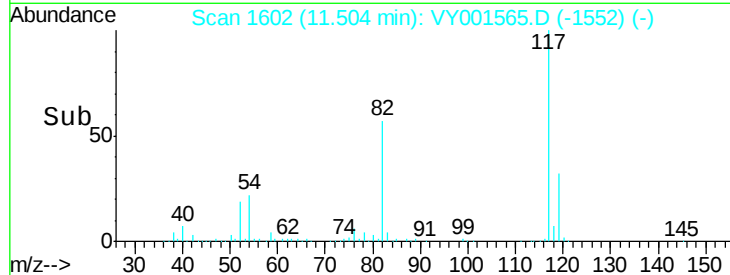
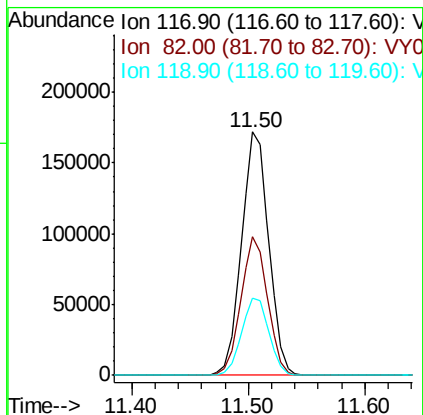
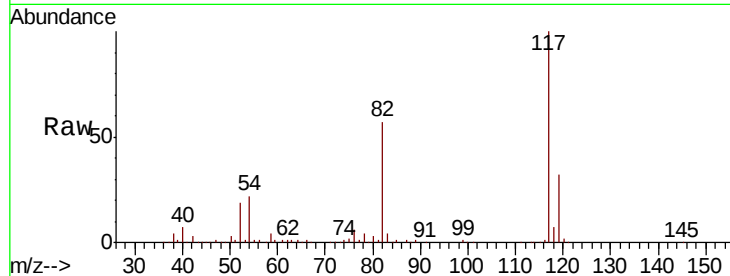




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001565.D
Acq: 07 Feb 2020 19:22

Instrument :
MSVOA_Y
ClientSampled :
TP-3

Tot Ion:117 Resp: 279360
Ion Ratio Lower Upper
117 100
82 56.8 46.1 69.1
119 31.7 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: VY001565.D
Acq: 07 Feb 2020 19:22

Tgt Ion:152 Resp: 128301
Ion Ratio Lower Upper
152 100
115 60.8 31.4 94.3
150 157.4 0.0 346.8

