

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031620\
 Data File : VY001985.D
 Acq On : 16 Mar 2020 16:00
 Operator : SY/MD
 Sample : L1920-02
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 F-2

Quant Time: Mar 17 08:54:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	139117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	266950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	246534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	110610	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	88585	59.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.30%	
35) Dibromofluoromethane	7.74	113	79279	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
50) Toluene-d8	10.19	98	325721	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.49	95	112434	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	

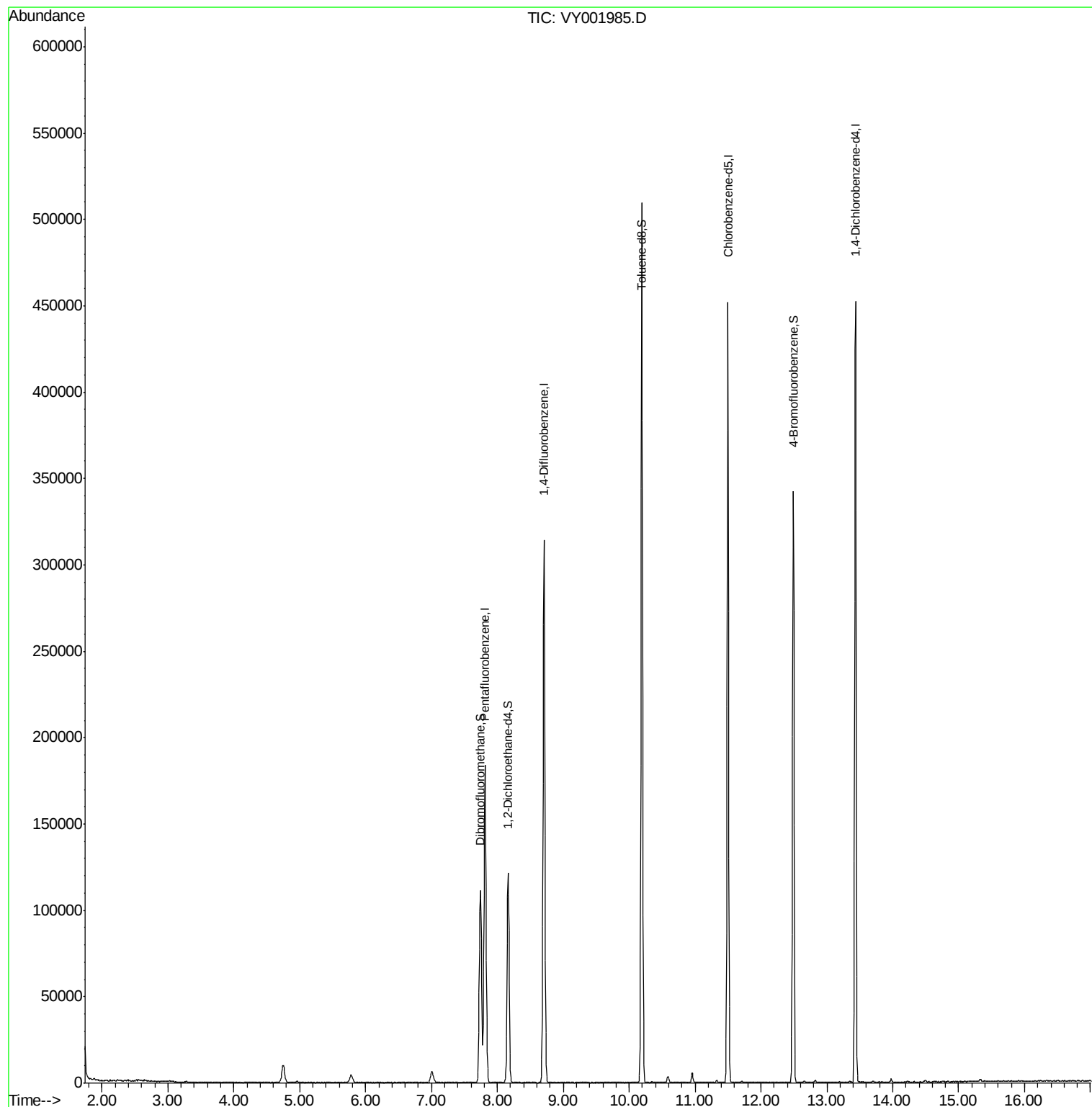
Target Compounds	Qvalue

(#) = 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# 997

Delta R.T. 0.00 min

Lab File: VY001985.D

Acq: 16 Mar 2020 16:00

Instrument :

MSVOA_Y

ClientSampled :

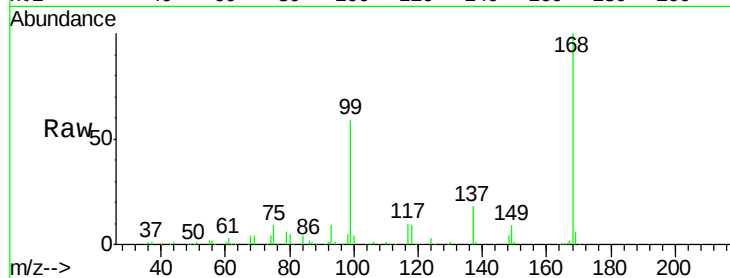
F-2

Tot Ion:168 Resp: 139117

Ion Ratio Lower Upper

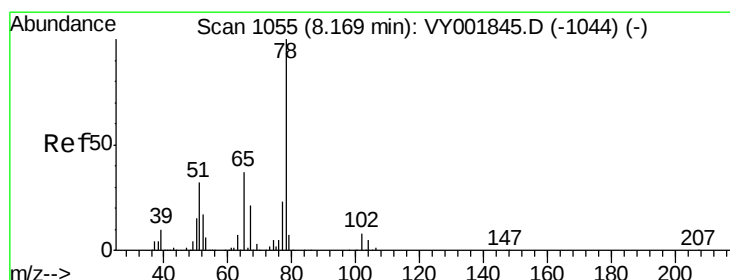
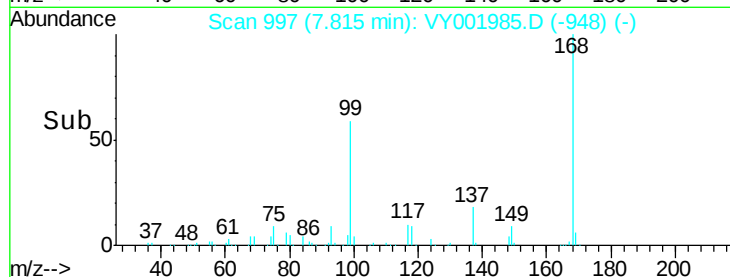
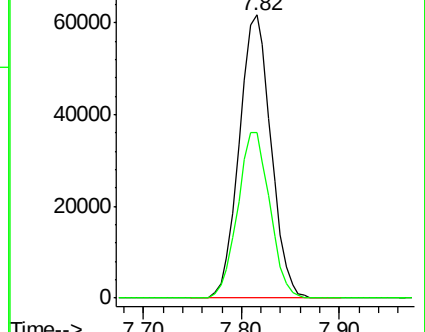
168 100

99 58.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001985.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001985.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.647 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001985.D

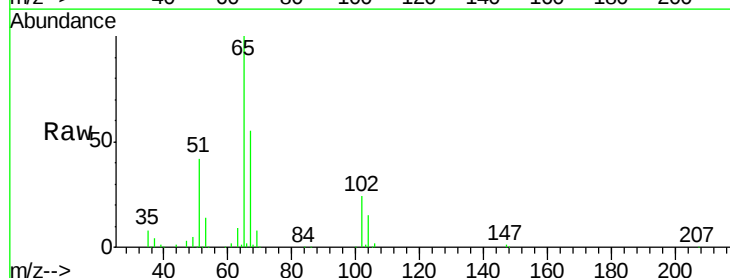
Acq: 16 Mar 2020 16:00

Tgt Ion: 65 Resp: 88585

Ion Ratio Lower Upper

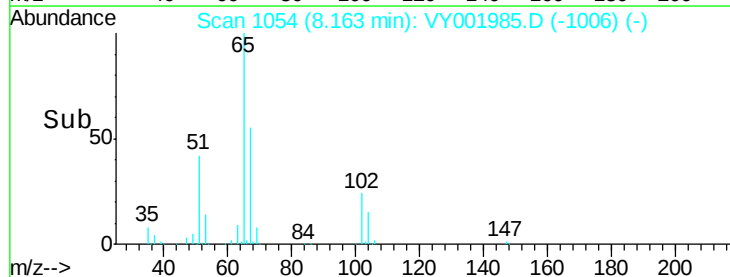
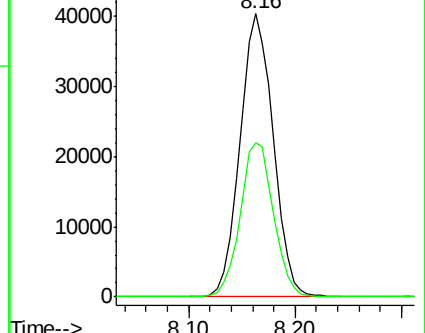
65 100

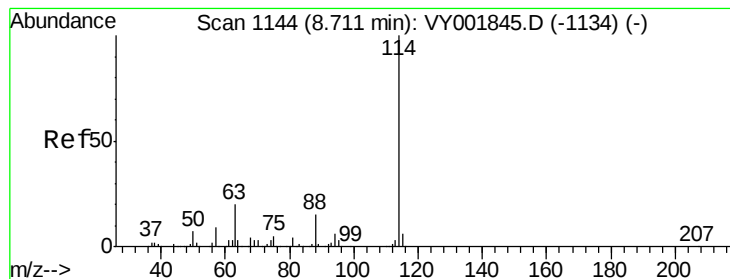
67 54.5 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001985.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001985.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001985.D

Acq: 16 Mar 2020 16:00

Instrument :

MSVOA_Y

ClientSampleId :

F-2

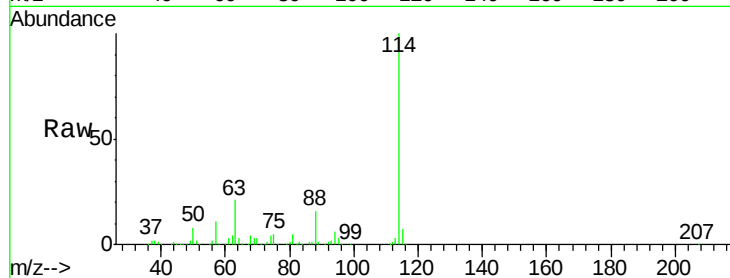
Tot Ion:114 Resp: 266950

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.4

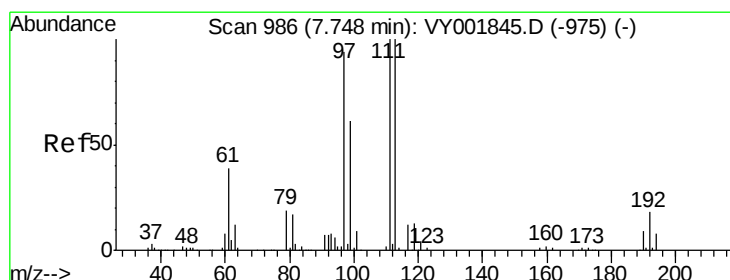
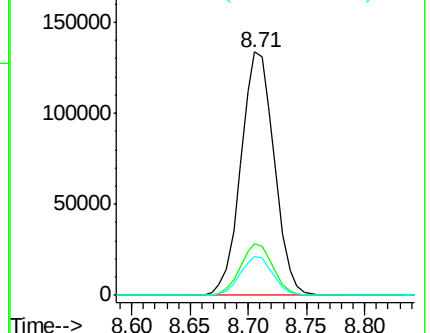
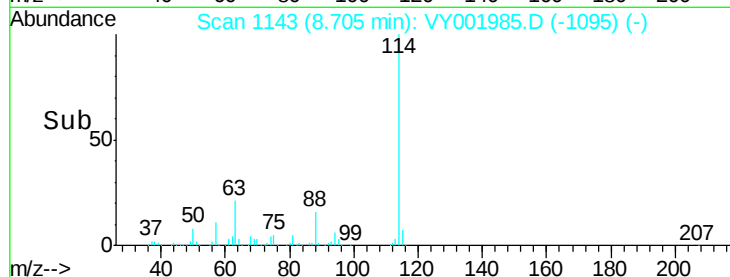
88 15.9 0.0 30.4



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: 54.388 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001985.D

Acq: 16 Mar 2020 16:00

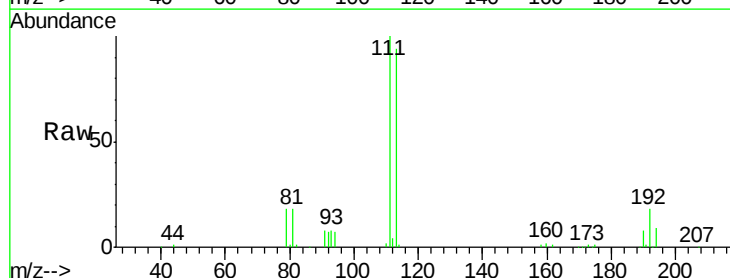
Tgt Ion:113 Resp: 79279

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.8

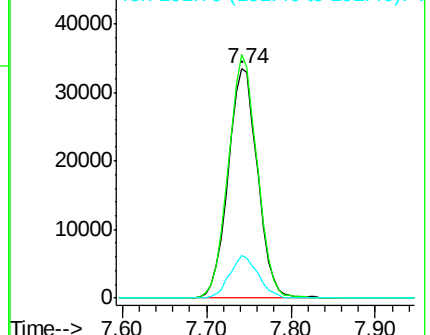
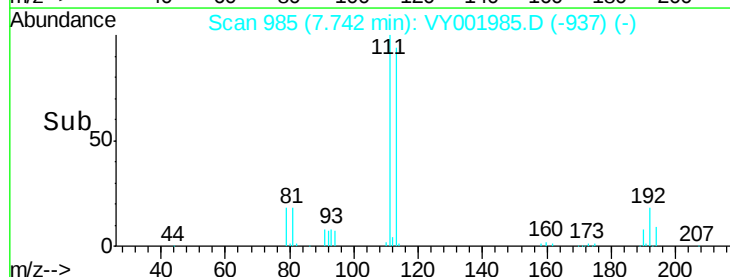
192 17.9 14.2 21.2

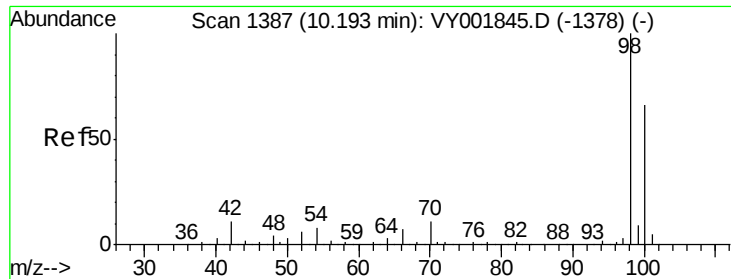


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.991 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001985.D

Acq: 16 Mar 2020 16:00

Instrument :

MSVOA_Y

ClientSampled :

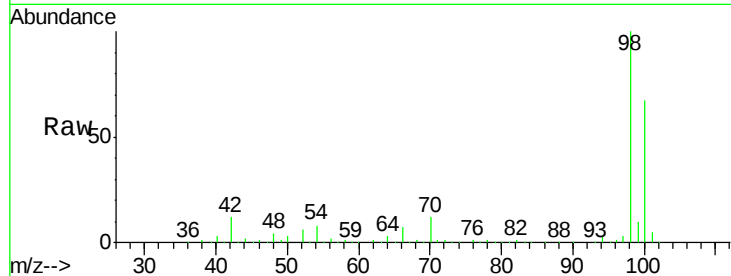
F-2

Tot Ion: 98 Resp: 325721

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

10.19

200000

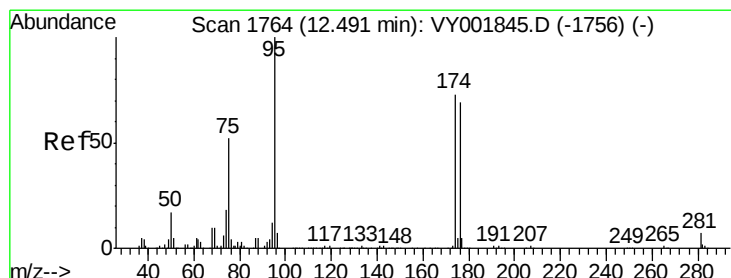
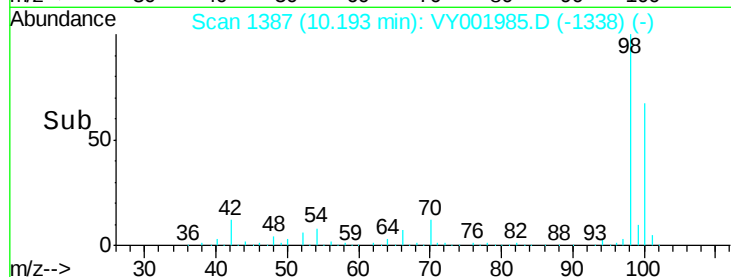
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.606 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001985.D

Acq: 16 Mar 2020 16:00

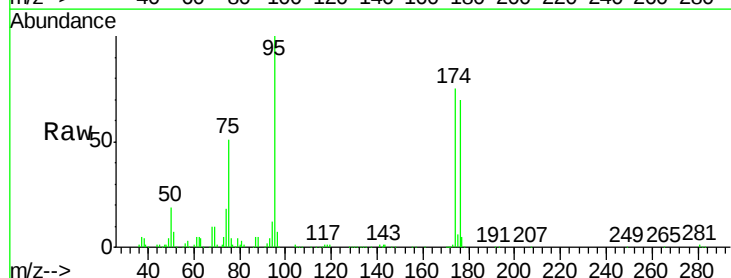
Tgt Ion: 95 Resp: 112434

Ion Ratio Lower Upper

95 100

174 72.9 0.0 145.0

176 70.0 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12.49

80000

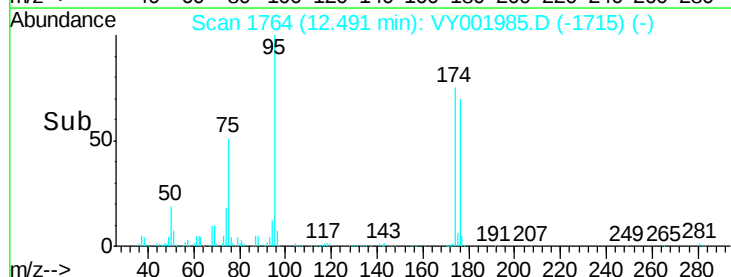
60000

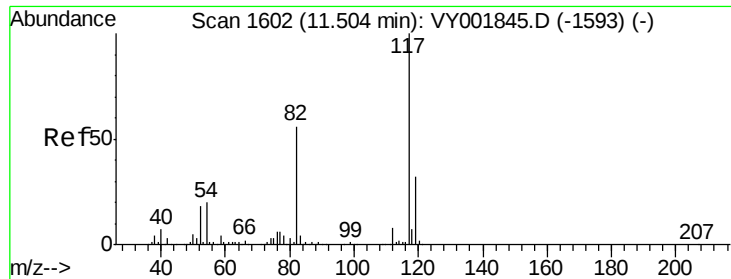
40000

20000

0

Time-->

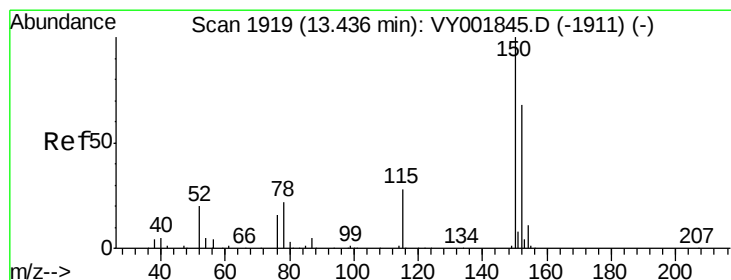
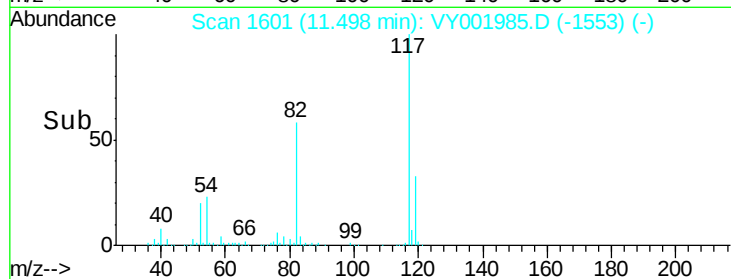
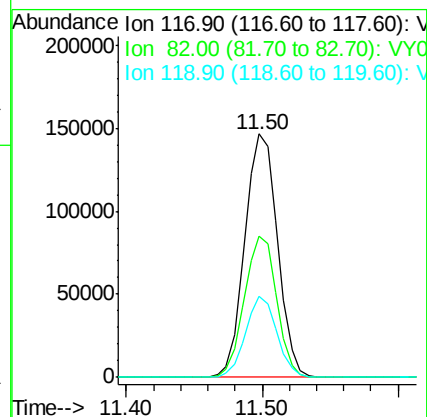
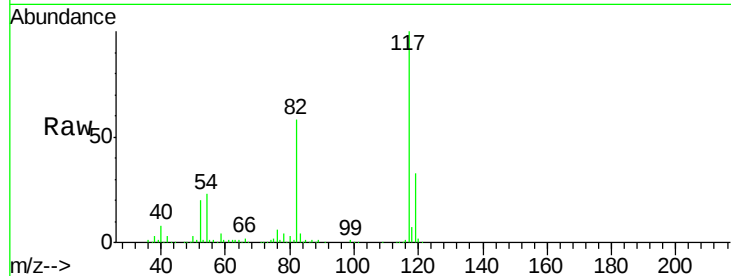




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001985.D
Acq: 16 Mar 2020 16:00

Instrument :
MSVOA_Y
ClientSampleId :
F-2

Tot Ion:117 Resp: 246534
Ion Ratio Lower Upper
117 100
82 57.9 44.5 66.7
119 33.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001985.D
Acq: 16 Mar 2020 16:00

Tgt Ion:152 Resp: 110610
Ion Ratio Lower Upper
152 100
115 60.9 29.9 89.7
150 155.7 0.0 340.6

