

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001751.D
 Acq On : 21 Feb 2020 18:24
 Operator : SY/MD
 Sample : L1650-01
 Misc : 6.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-1

Quant Time: Feb 22 04:59:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	156600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	265027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115568	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	94591	56.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.32%	
35) Dibromofluoromethane	7.74	113	86647	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.19	98	357565	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
62) 4-Bromofluorobenzene	12.49	95	119929	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	

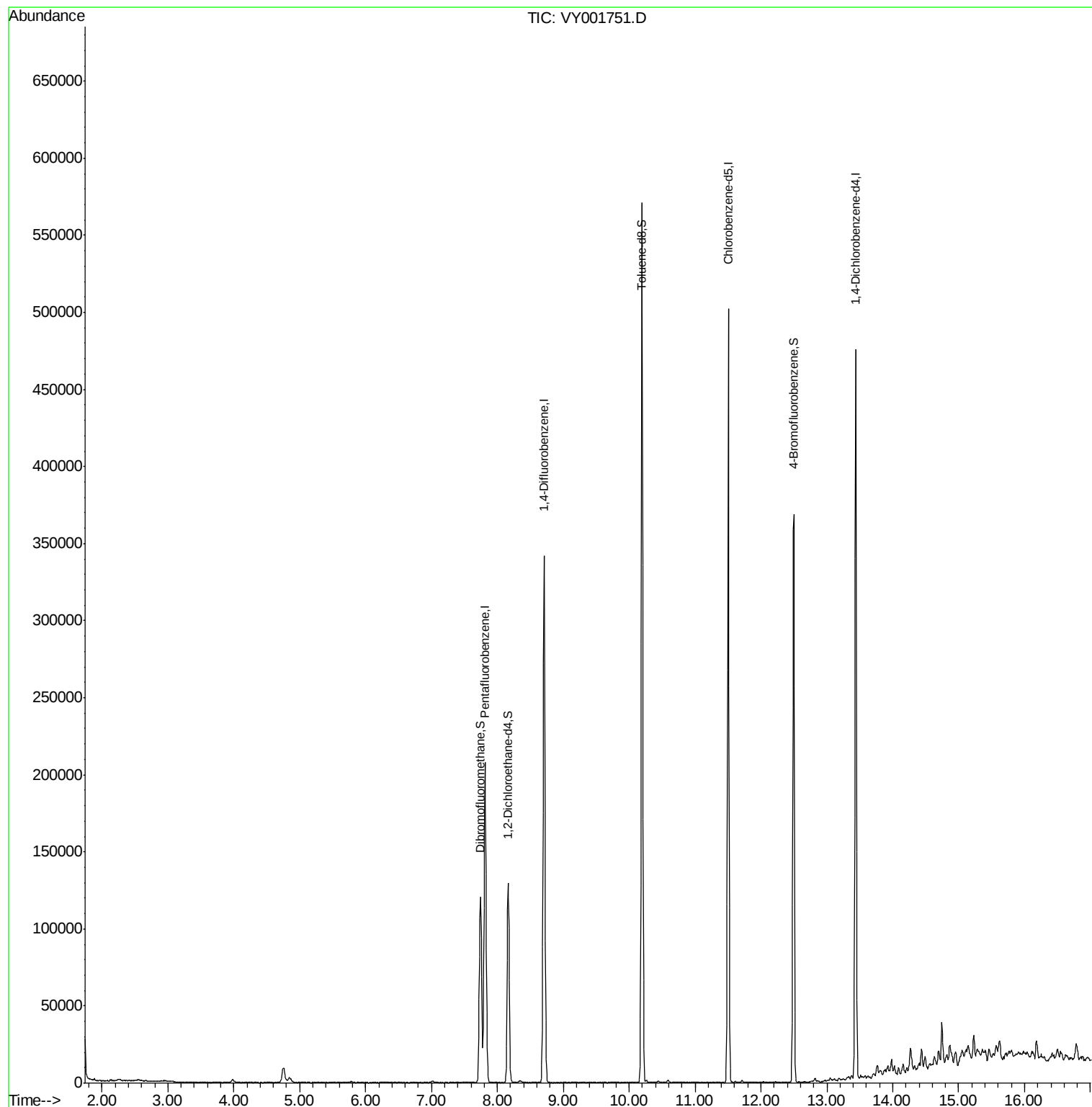
Target Compounds	Qvalue

(#) = 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: VY001751.D

Acq: 21 Feb 2020 18:24

Instrument :

MSVOA_Y

ClientSampled :

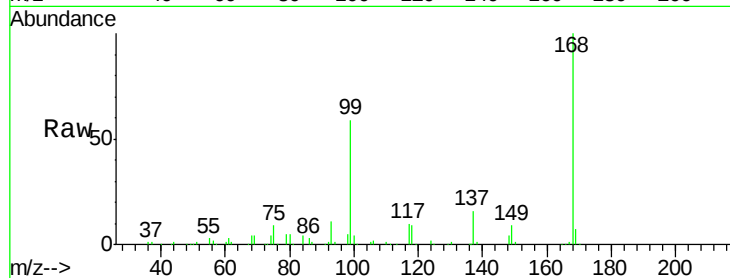
EP-1

Tot Ion:168 Resp: 156600

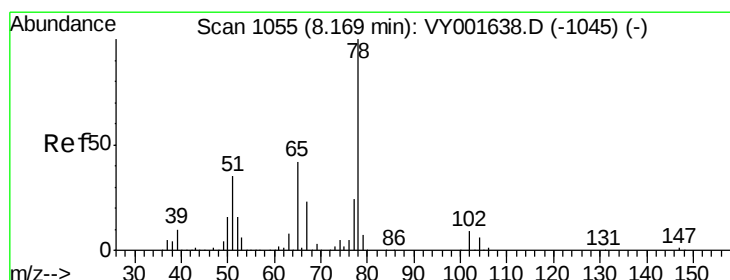
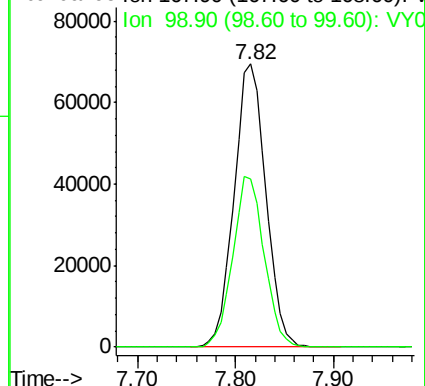
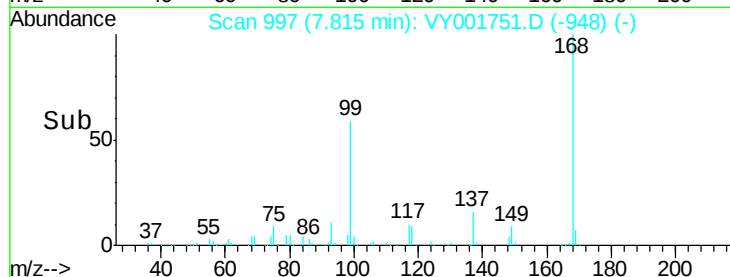
Ion Ratio Lower Upper

168 100

99 59.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001751.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.155 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001751.D

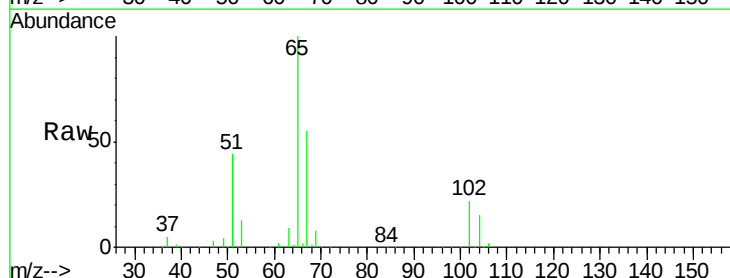
Acq: 21 Feb 2020 18:24

Tgt Ion: 65 Resp: 94591

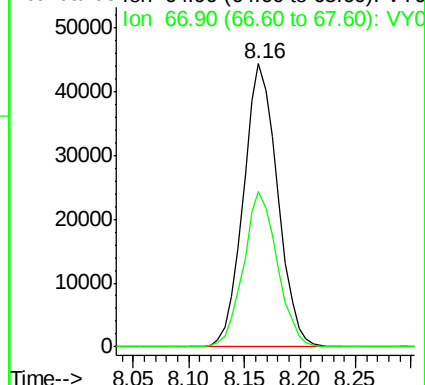
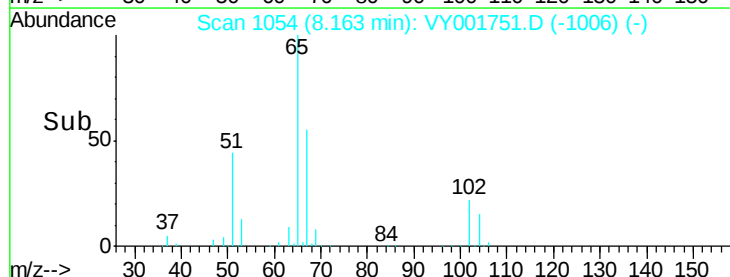
Ion Ratio Lower Upper

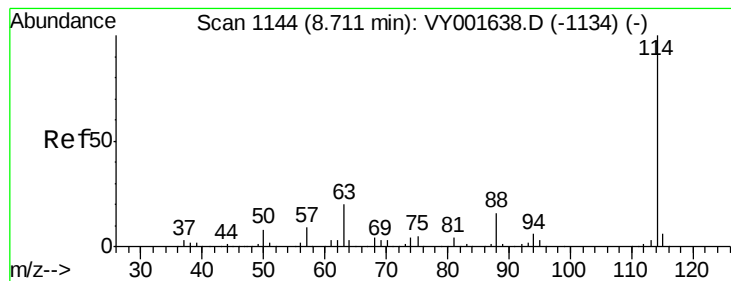
65 100

67 54.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001751.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001751.D

Acq: 21 Feb 2020 18:24

Instrument :

MSVOA_Y

ClientSampleId :

EP-1

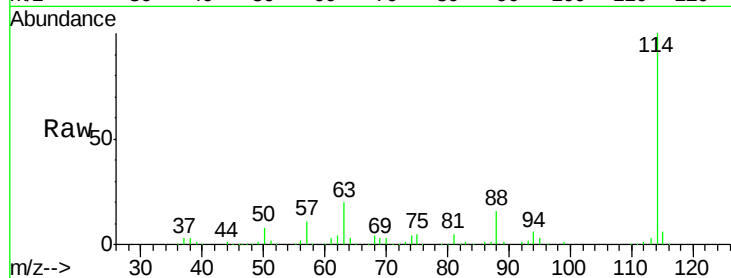
Tot Ion:114 Resp: 294820

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

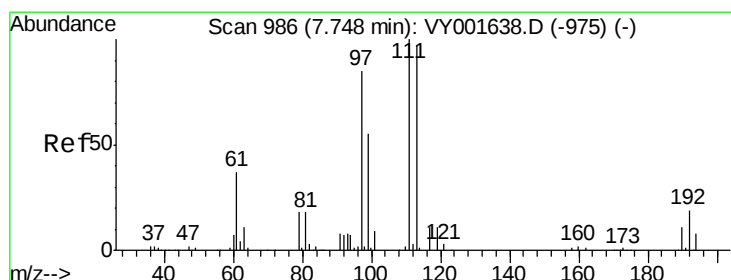
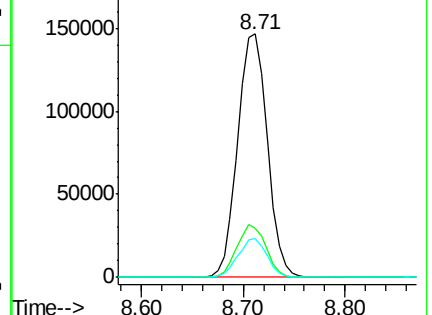
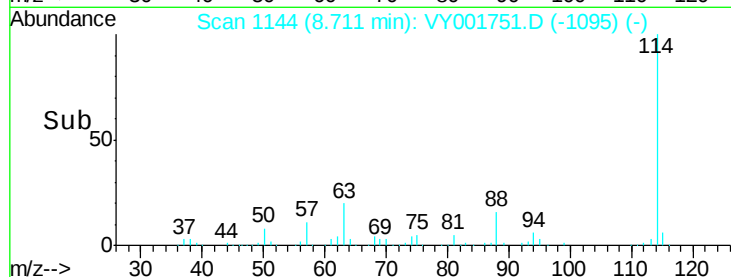
88 16.0 0.0 32.8



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: 51.313 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001751.D

Acq: 21 Feb 2020 18:24

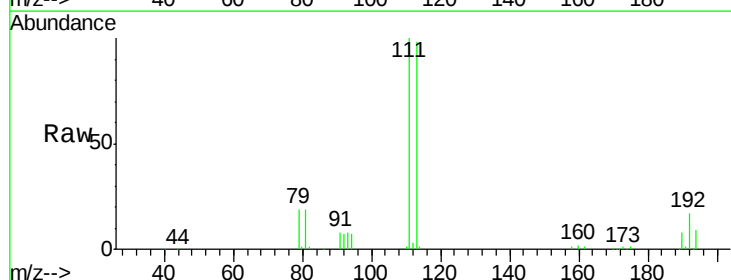
Tgt Ion:113 Resp: 86647

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

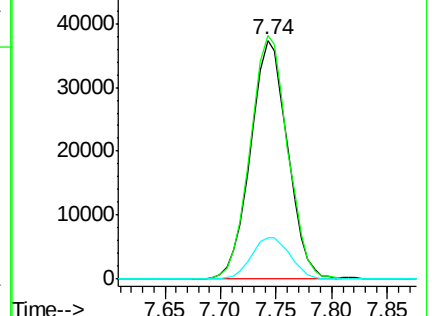
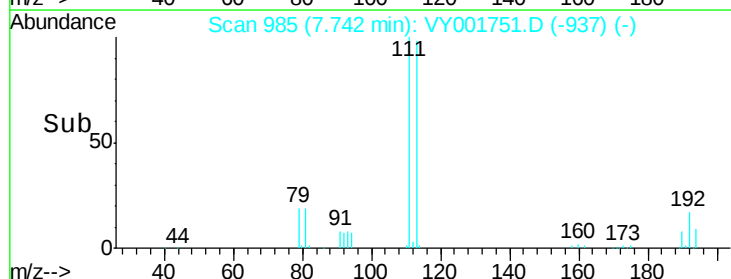
192 18.1 14.3 21.5

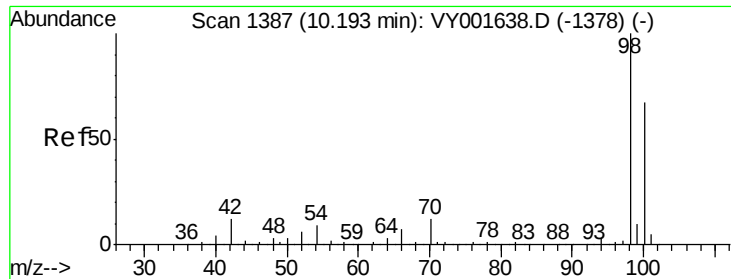


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.050 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001751.D

Acq: 21 Feb 2020 18:24

Instrument :

MSVOA_Y

ClientSampleId :

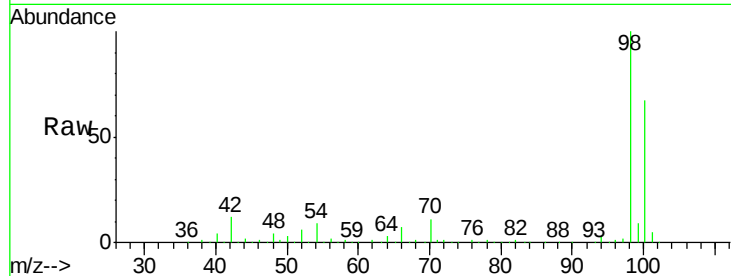
EP-1

Tot Ion: 98 Resp: 357565

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001751.D (-1338) (-)

10.19

200000

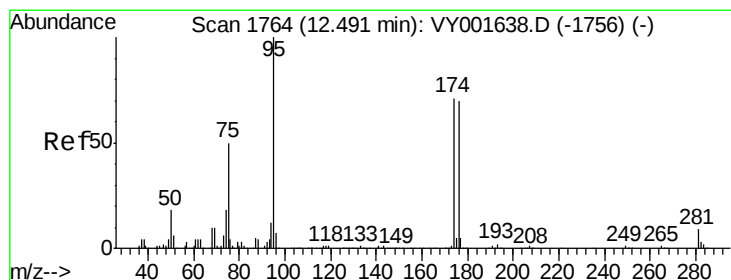
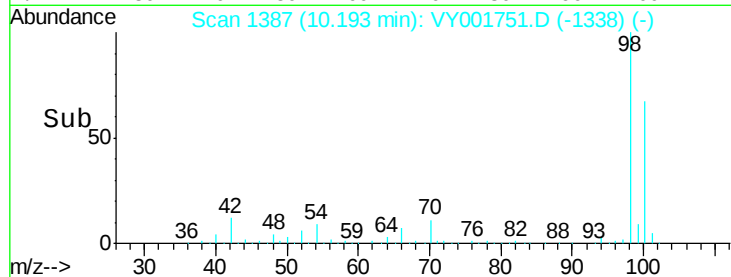
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.664 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001751.D

Acq: 21 Feb 2020 18:24

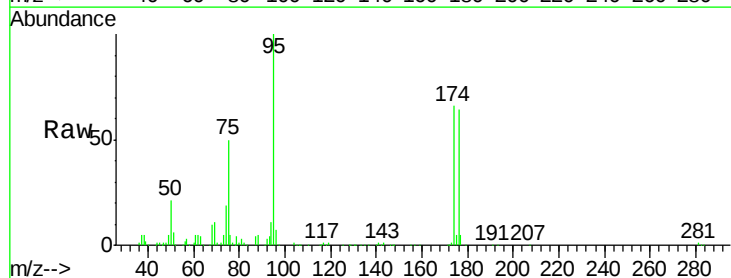
Tgt Ion: 95 Resp: 119929

Ion Ratio Lower Upper

95 100

174 73.1 0.0 138.4

176 70.1 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001751.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001751.D (-1715) (-)

12.49

100000

80000

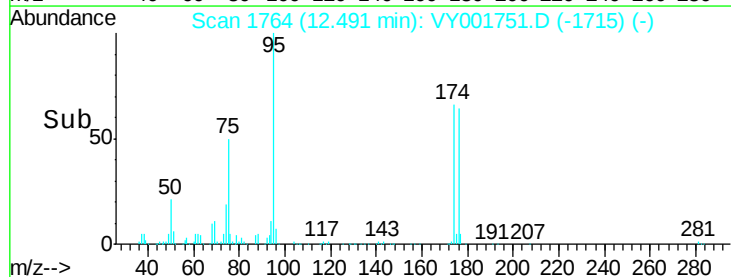
60000

40000

20000

0

Time-->

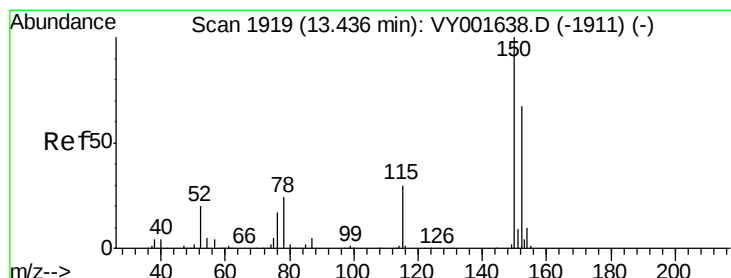
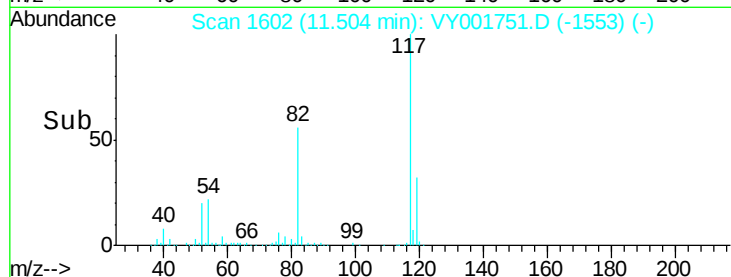
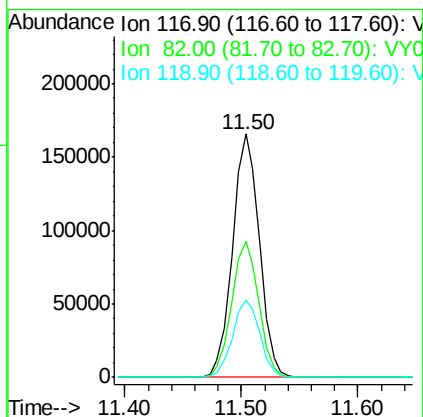
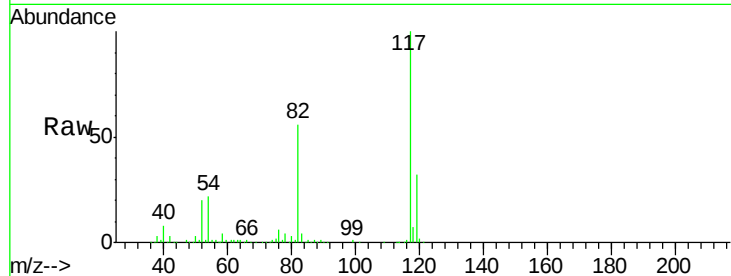




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001751.D
Acq: 21 Feb 2020 18:24

Instrument :
MSVOA_Y
ClientSampleId :
EP-1

Tot Ion:117 Resp: 265027
Ion Ratio Lower Upper
117 100
82 56.0 45.5 68.3
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001751.D
Acq: 21 Feb 2020 18:24

Tgt Ion:152 Resp: 115568
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.2
150 158.8 0.0 407.2

