

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001814.D
 Acq On : 02 Mar 2020 12:51
 Operator : SY/MD
 Sample : L1743-03
 Misc : 7.29G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-8

Quant Time: Mar 12 11:49:43 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	153469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	105142	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	91198	55.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.50%	
35) Dibromofluoromethane	7.74	113	84007	50.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.34%	
50) Toluene-d8	10.19	98	349353	53.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.49	95	113177	44.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.70%	

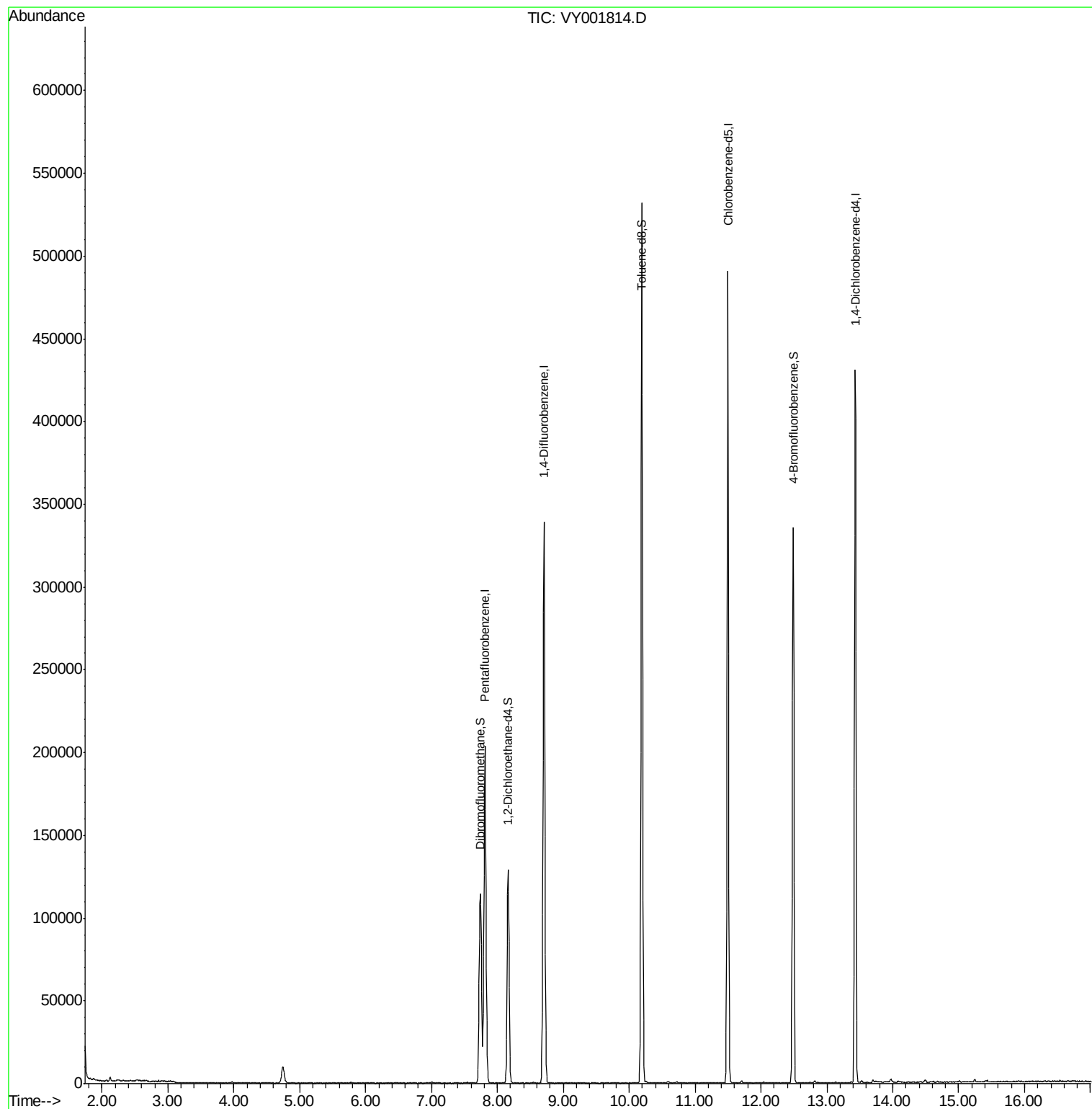
Target Compounds	Qvalue

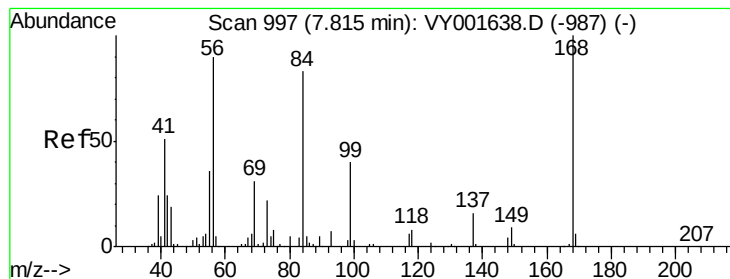
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001814.D

Acq: 02 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampled :

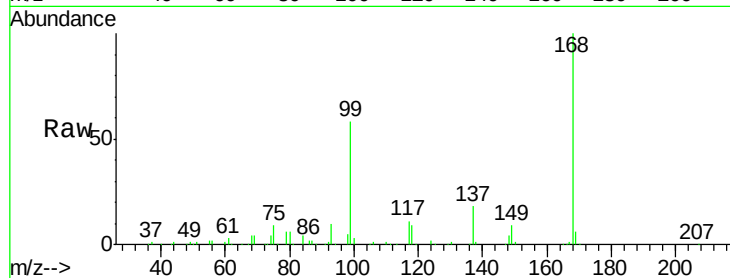
G-8

Tot Ion:168 Resp: 153469

Ion Ratio Lower Upper

168 100

99 58.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001814.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001814.D (-948) (-)

7.82

60000

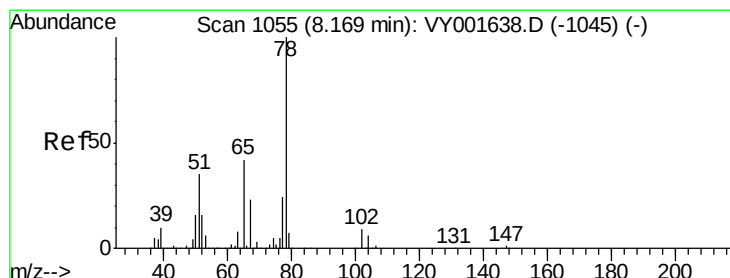
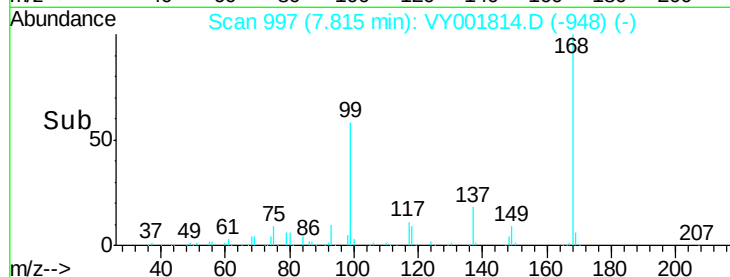
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.245 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001814.D

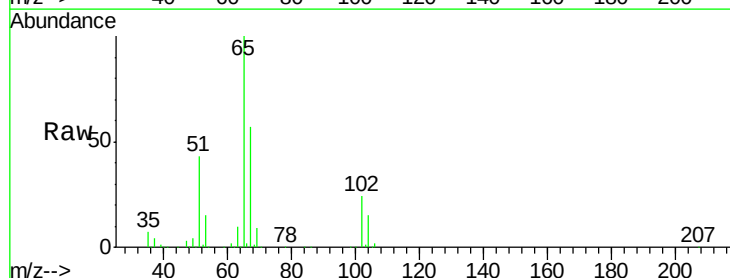
Acq: 02 Mar 2020 12:51

Tgt Ion: 65 Resp: 91198

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001814.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001814.D (-1006) (-)

8.16

50000

40000

30000

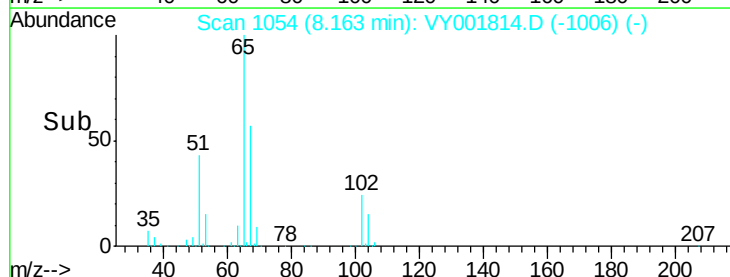
20000

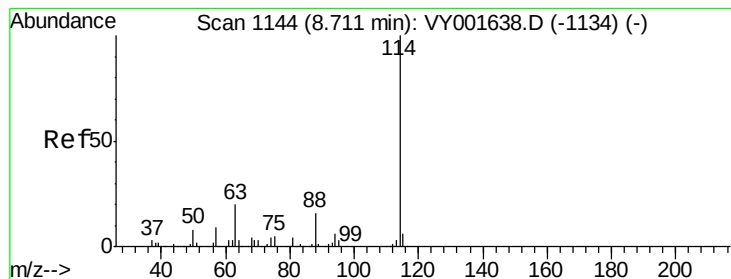
10000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001814.D

Acq: 02 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

G-8

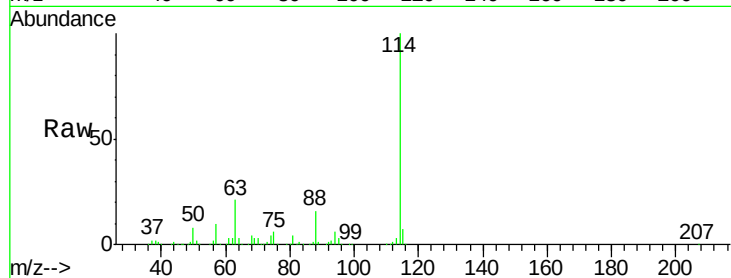
Tot Ion:114 Resp: 289484

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

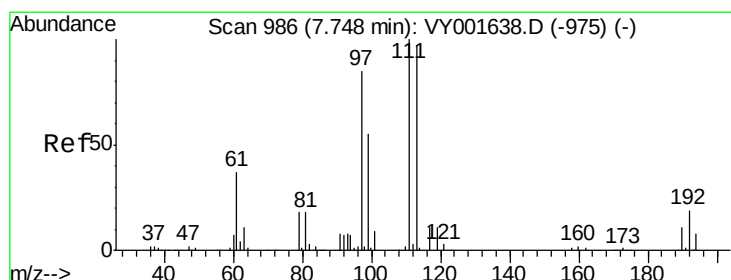
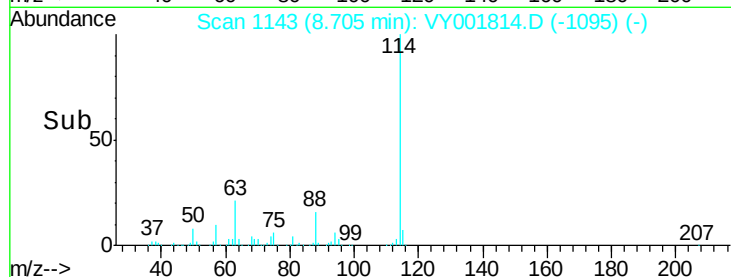
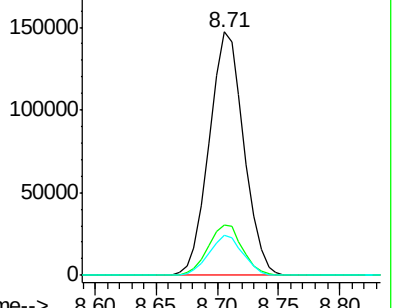
88 16.3 0.0 32.8



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: 50.667 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001814.D

Acq: 02 Mar 2020 12:51

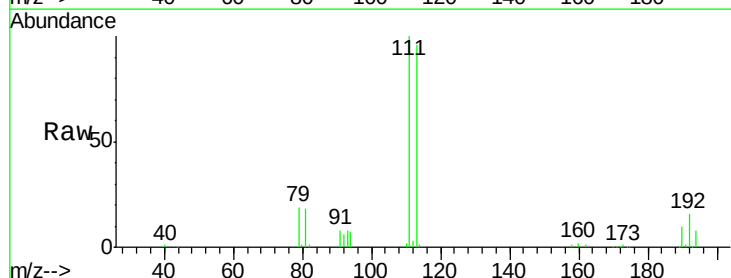
Tgt Ion:113 Resp: 84007

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

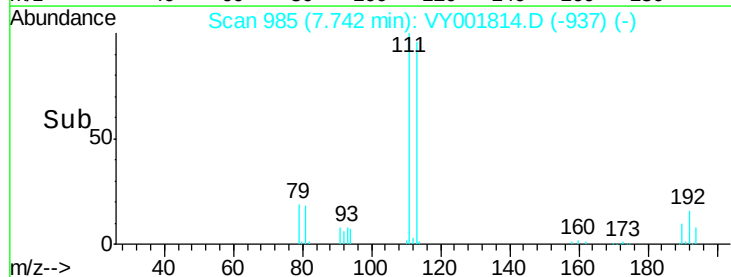
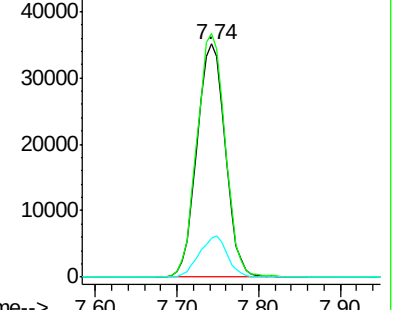
192 17.4 14.3 21.5

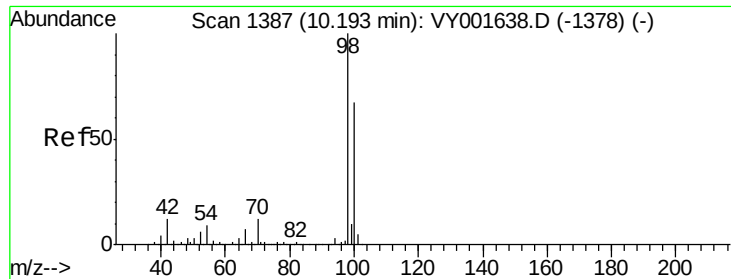


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.782 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001814.D

Acq: 02 Mar 2020 12:51

Instrument :

MSVOA_Y

ClientSampleId :

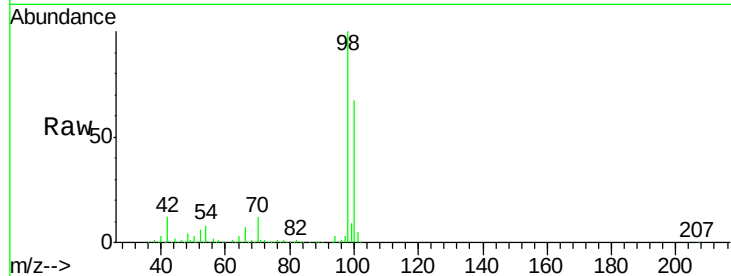
G-8

Tot Ion: 98 Resp: 349353

Ion Ratio Lower Upper

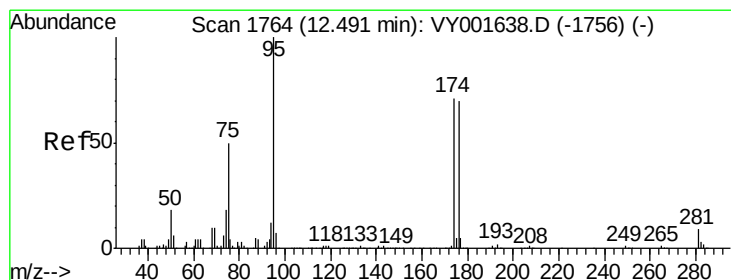
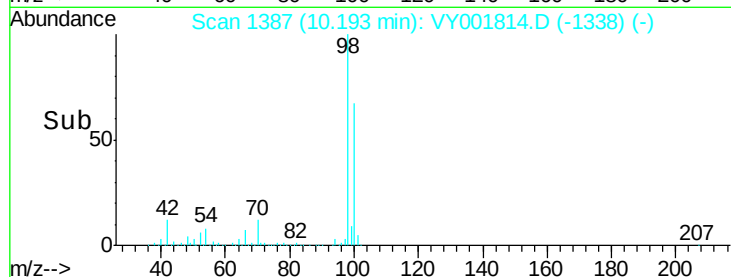
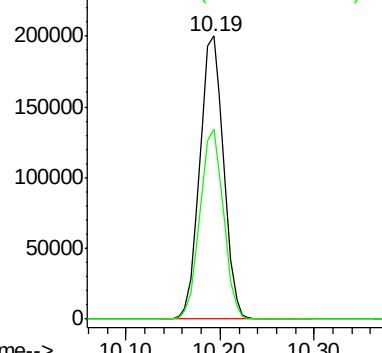
98 100

100 66.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 44.849 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001814.D

Acq: 02 Mar 2020 12:51

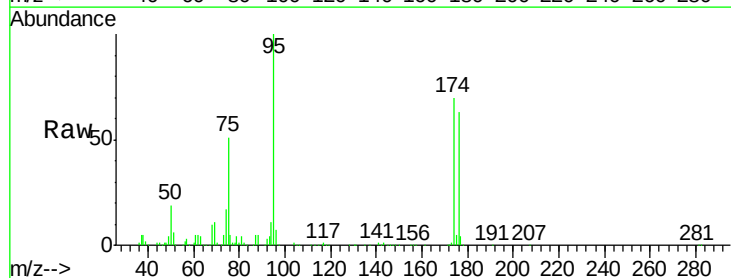
Tgt Ion: 95 Resp: 113177

Ion Ratio Lower Upper

95 100

174 72.9 0.0 138.4

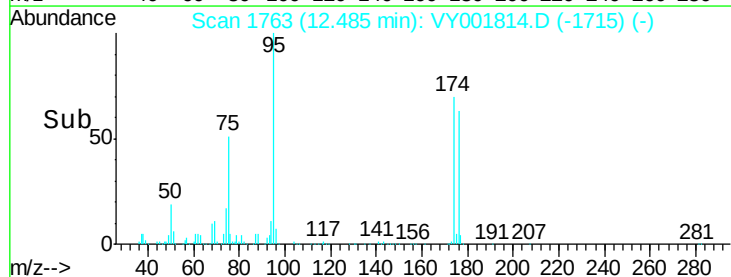
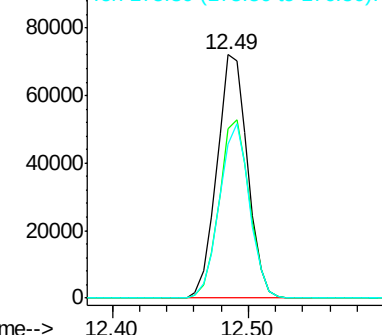
176 70.4 0.0 131.8

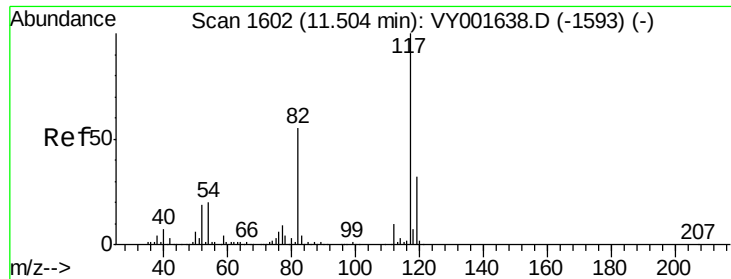


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

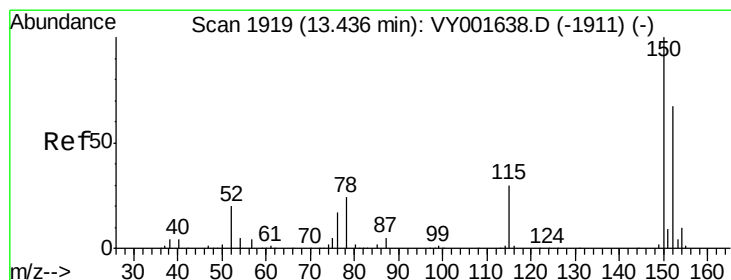
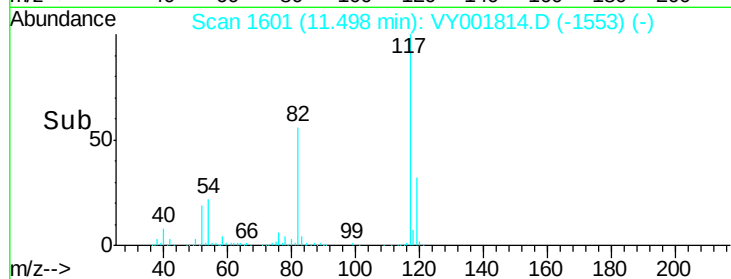
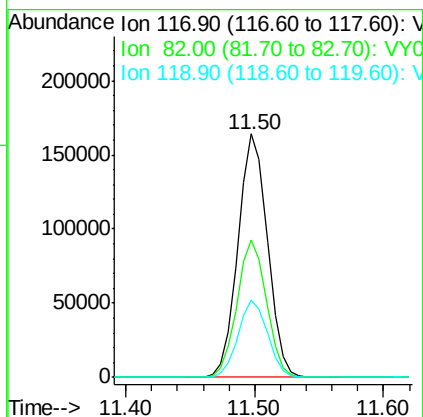
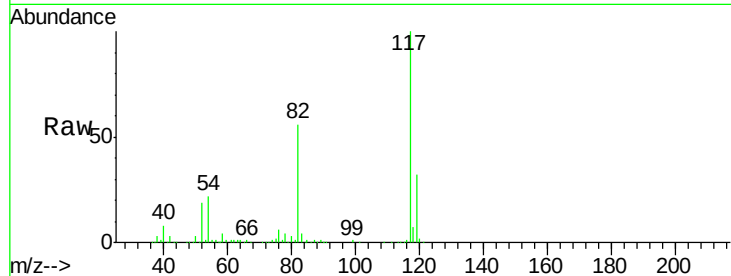




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001814.D
Acq: 02 Mar 2020 12:51

Instrument :
MSVOA_Y
ClientSampled :
G-8

Tot Ion:117 Resp: 259968
Ion Ratio Lower Upper
117 100
82 56.5 45.5 68.3
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001814.D
Acq: 02 Mar 2020 12:51

Tgt Ion:152 Resp: 105142
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.2
150 159.9 0.0 407.2

