

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002219.D
 Acq On : 03 Apr 2020 15:33
 Operator : SY/MD
 Sample : L2162-08
 Misc : 7.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-50

Quant Time: Apr 04 01:23:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	125571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	246385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	228516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	99040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	77739	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	
35) Dibromofluoromethane	7.73	113	72177	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
50) Toluene-d8	10.19	98	301026	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.49	95	104521	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	

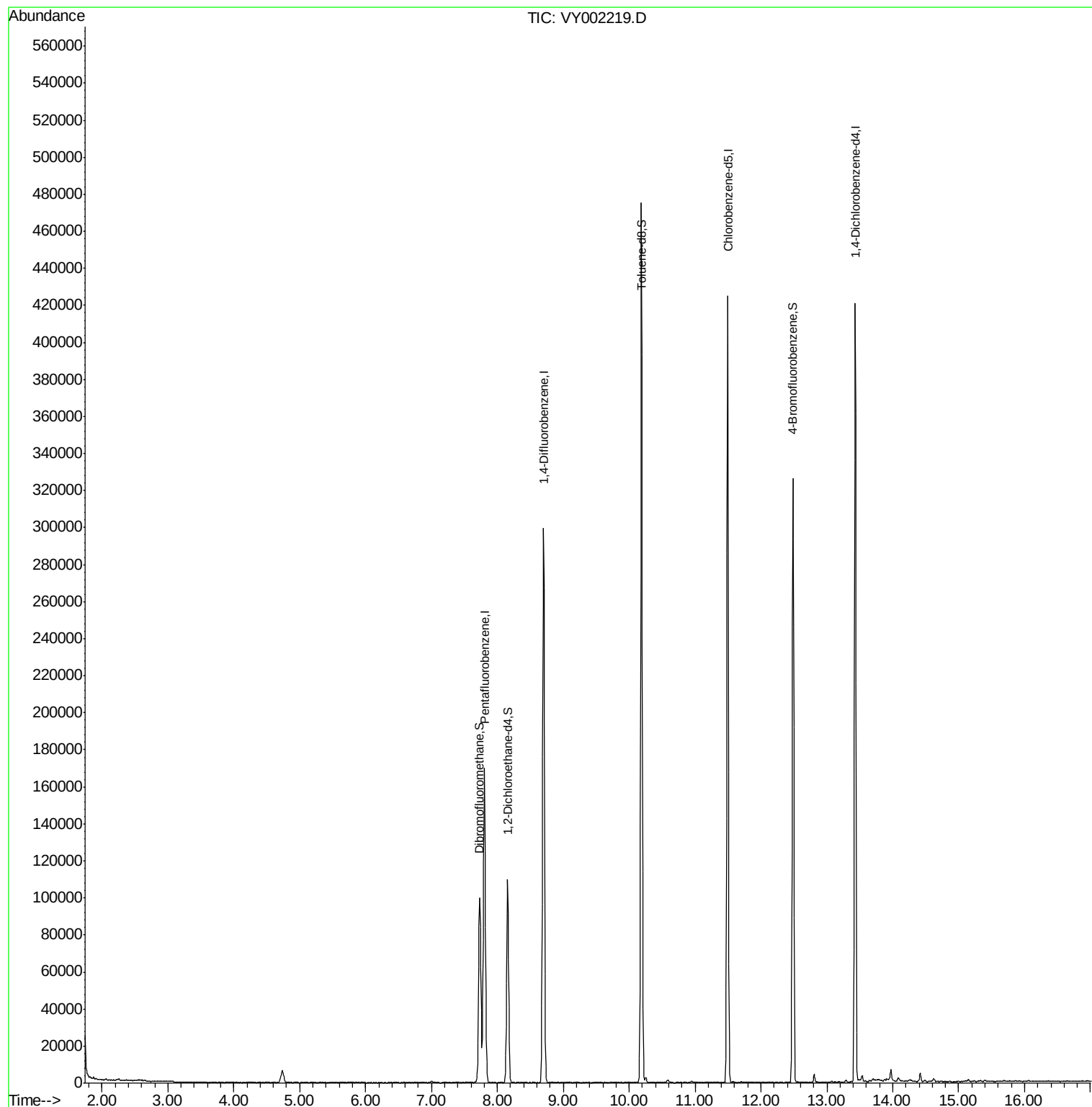
Target Compounds Qvalue

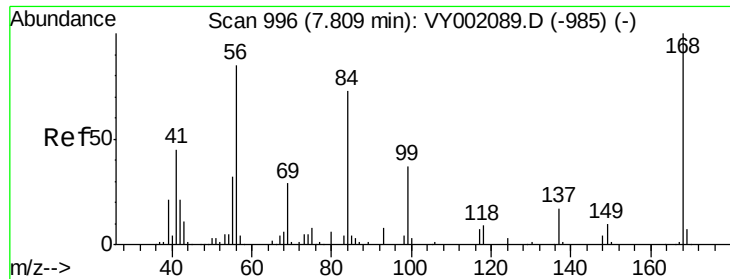
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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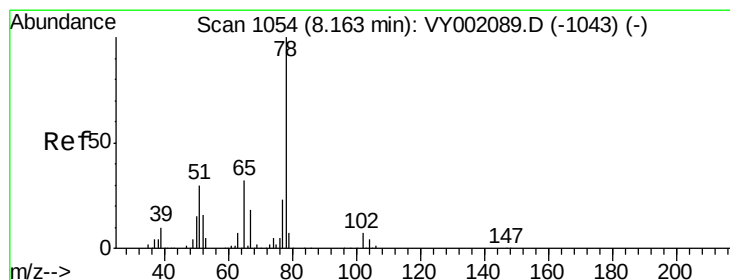
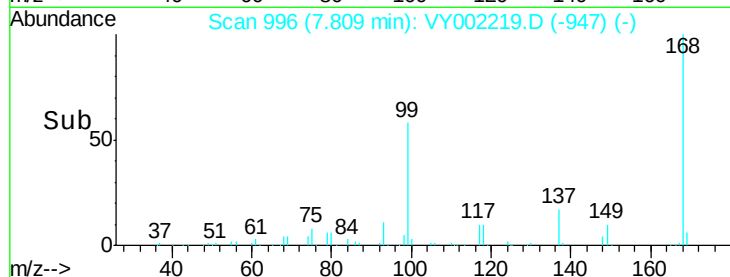
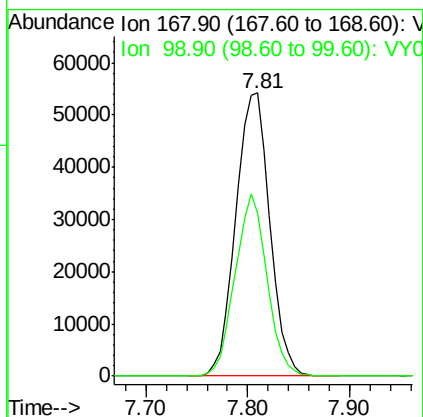
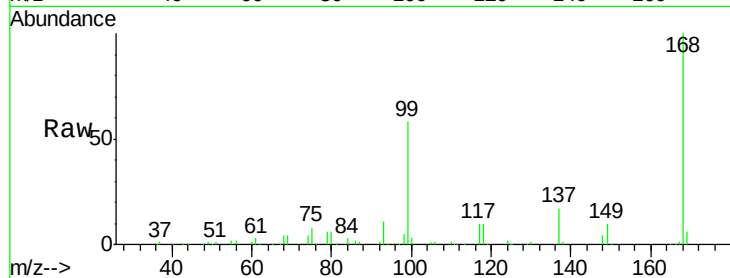




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY002219.D
Acq: 03 Apr 2020 15:33

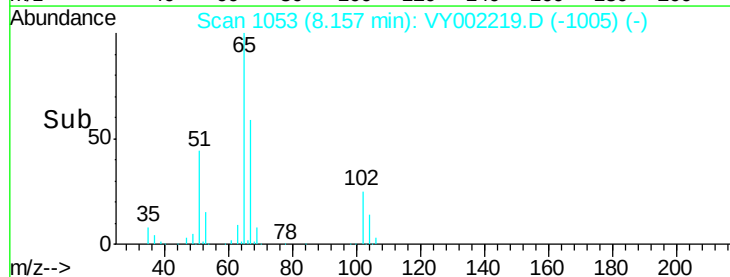
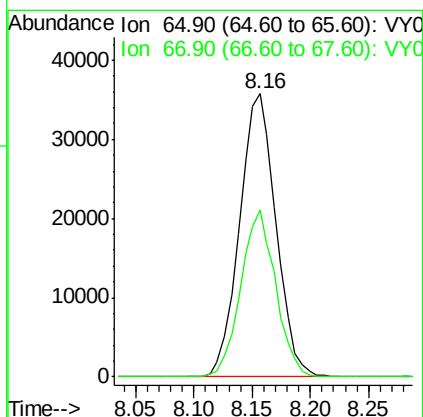
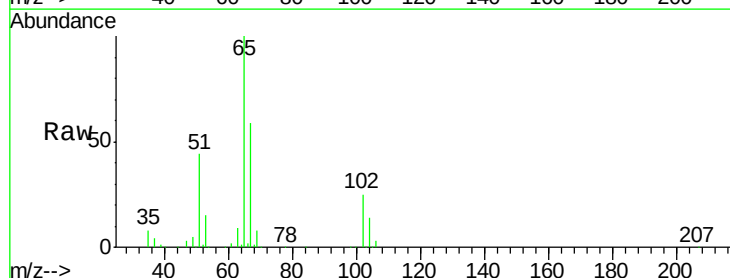
Instrument :
MSVOA_Y
ClientSampled :
TP-50

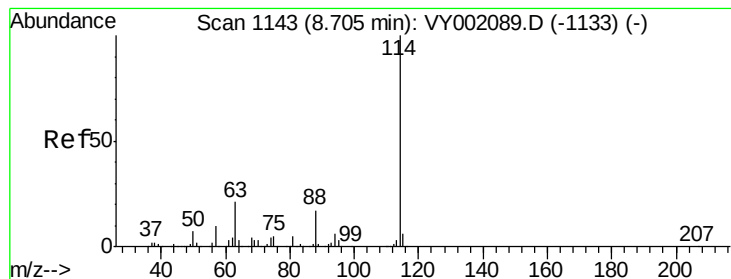
Tot Ion:168 Resp: 125571
Ion Ratio Lower Upper
168 100
99 57.8 47.6 71.4



#33
1,2-Dichloroethane-d4
Concen: 56.002 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002219.D
Acq: 03 Apr 2020 15:33

Tgt Ion: 65 Resp: 77739
Ion Ratio Lower Upper
65 100
67 56.6 0.0 112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002219.D

Acq: 03 Apr 2020 15:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-50

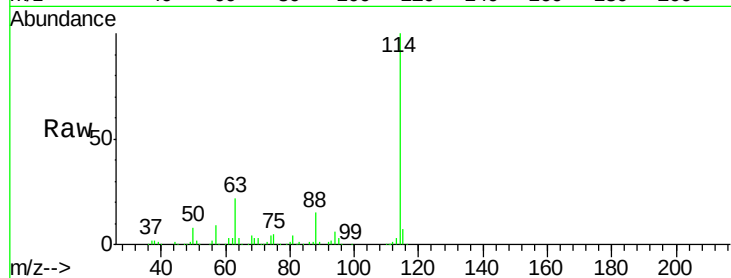
Tot Ion:114 Resp: 246385

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.4

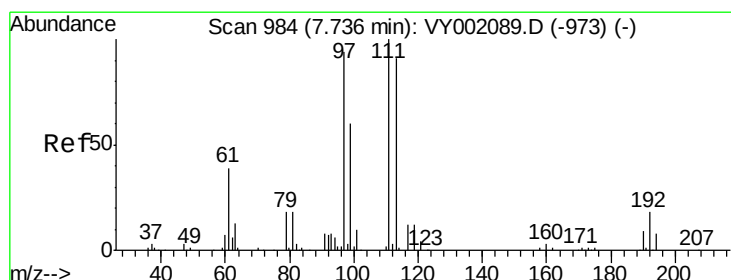
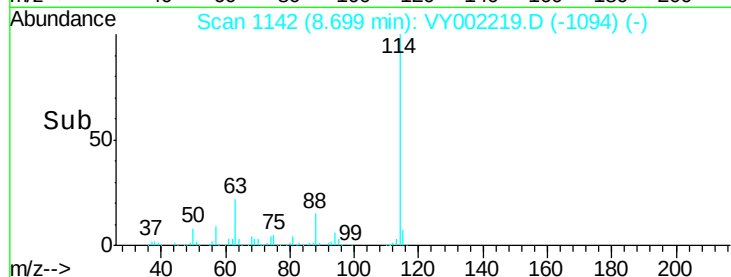
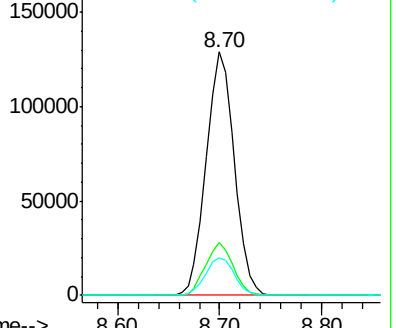
88 15.4 0.0 33.0



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: 52.282 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002219.D

Acq: 03 Apr 2020 15:33

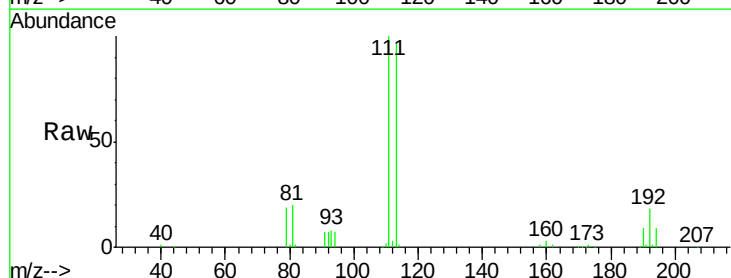
Tgt Ion:113 Resp: 72177

Ion Ratio Lower Upper

113 100

111 102.9 84.4 126.6

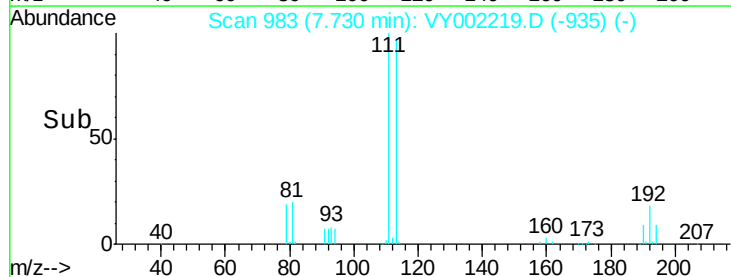
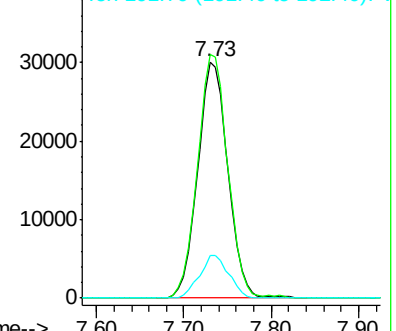
192 17.6 14.6 21.8

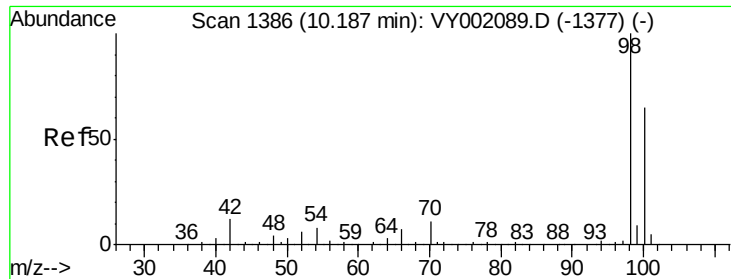


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.489 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002219.D

Acq: 03 Apr 2020 15:33

Instrument :

MSVOA_Y

ClientSampled :

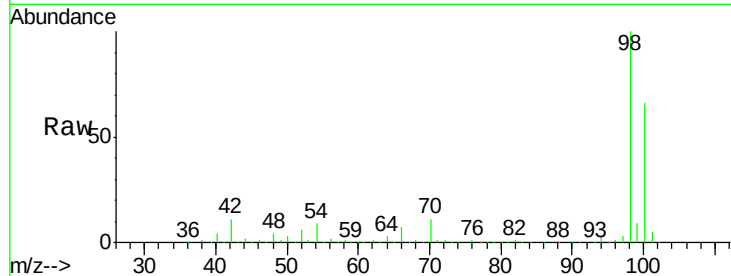
TP-50

Tot Ion: 98 Resp: 301026

Ion Ratio Lower Upper

98 100

100 65.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002219.D (-1337) (-)

10.19

200000

150000

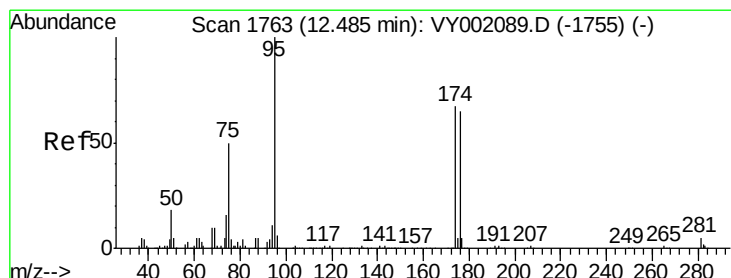
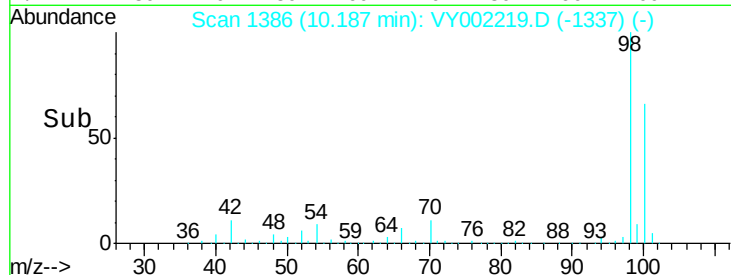
100000

50000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 52.111 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002219.D

Acq: 03 Apr 2020 15:33

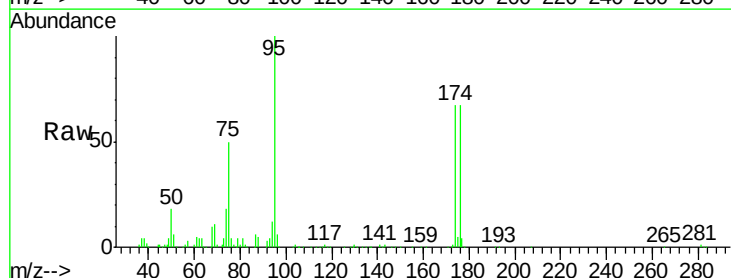
Tgt Ion: 95 Resp: 104521

Ion Ratio Lower Upper

95 100

174 72.1 0.0 143.4

176 70.0 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002219.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002219.D (-1714) (-)

12.49

80000

60000

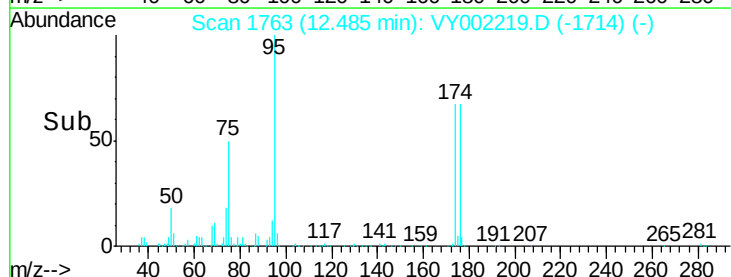
40000

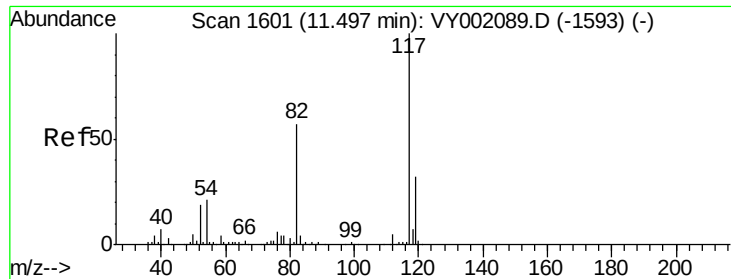
20000

0

Time-->

12.40 12.45 12.50 12.55

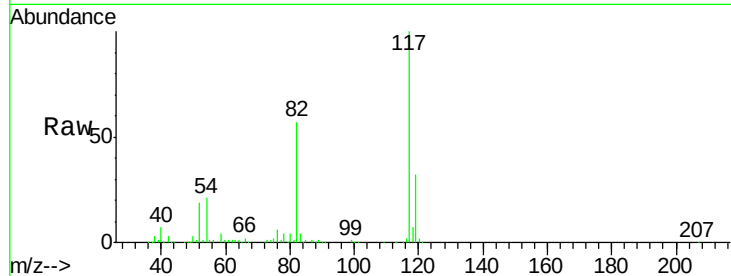




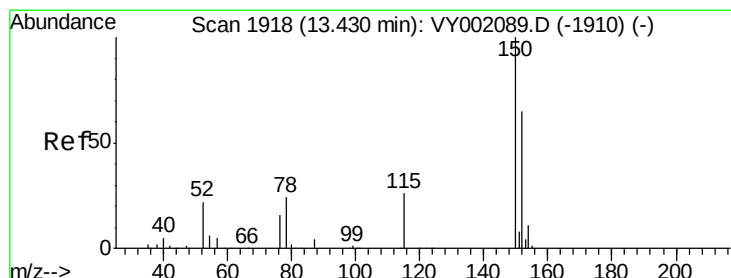
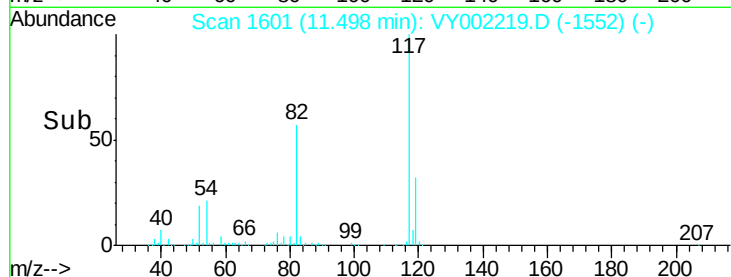
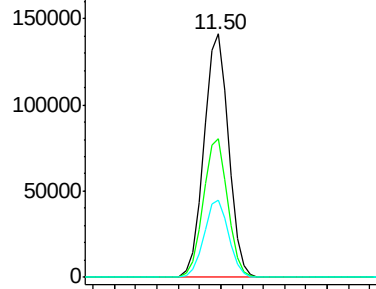
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002219.D
Acq: 03 Apr 2020 15:33

Instrument :
MSVOA_Y
ClientSampleId :
TP-50

Tot Ion:117 Resp: 228516
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 31.7 25.3 37.9

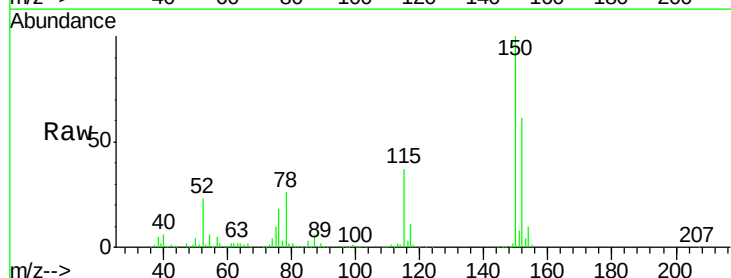


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002219.D
Acq: 03 Apr 2020 15:33

Tgt Ion:152 Resp: 99040
Ion Ratio Lower Upper
152 100
115 61.3 31.2 93.6
150 159.3 0.0 354.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

