

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000100.D
 Acq On : 20 Sep 2019 12:06
 Operator : SY/MD
 Sample : K4863-07
 Misc : 4.95g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-4-6-1

Quant Time: Sep 21 00:03:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	97191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	200633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	144883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	44058	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	58180	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
35) Dibromofluoromethane	7.72	113	56260	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	10.18	98	218980	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
62) 4-Bromofluorobenzene	12.48	95	58215	32.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.72%	

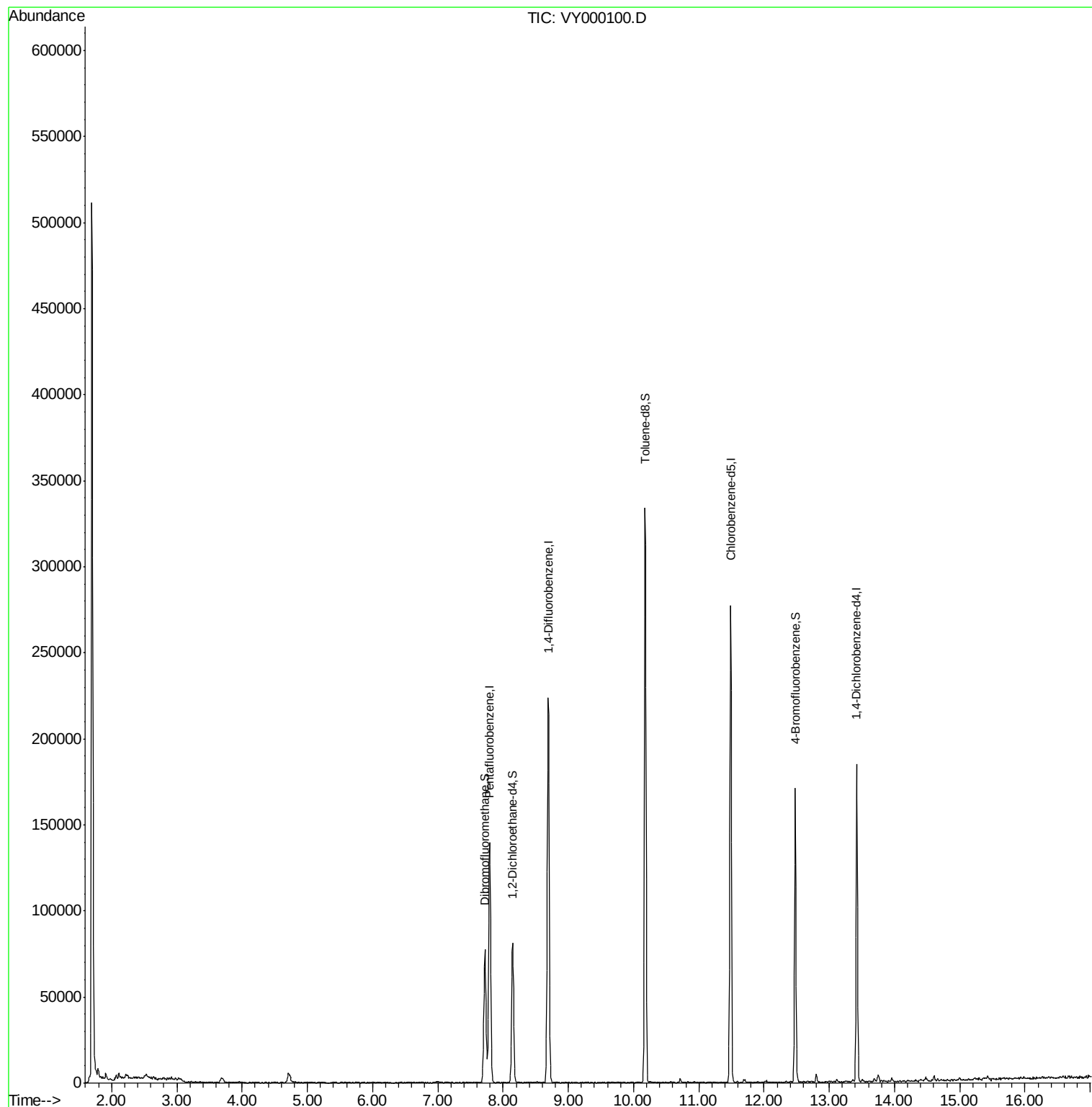
Target Compounds	Qvalue

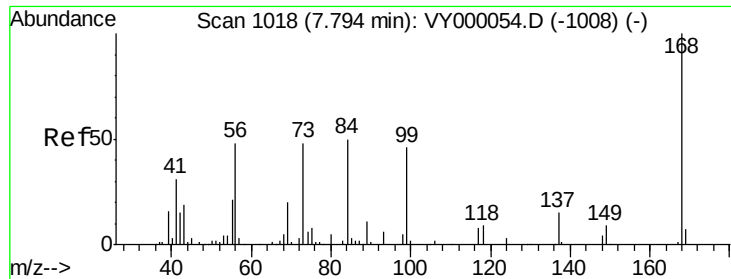
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000100.D

Acq: 20 Sep 2019 12:06

Instrument :

MSVOA_Y

ClientSampleId :

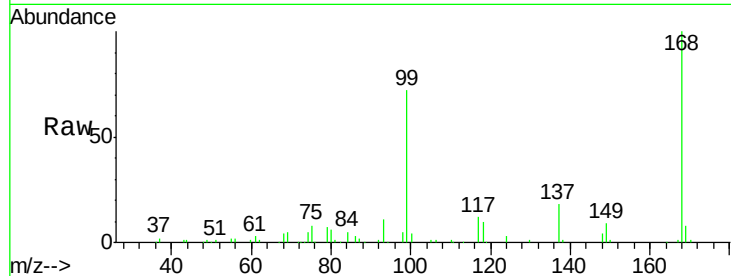
CSA-4-6-1

Tot Ion:168 Resp: 97191

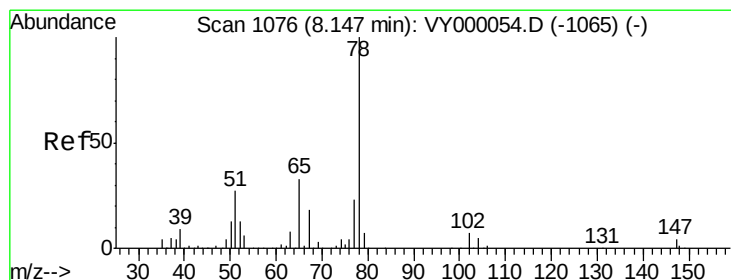
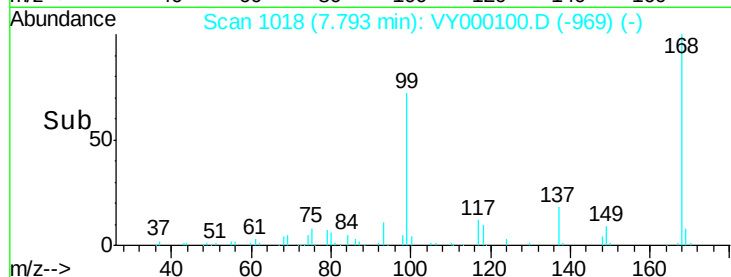
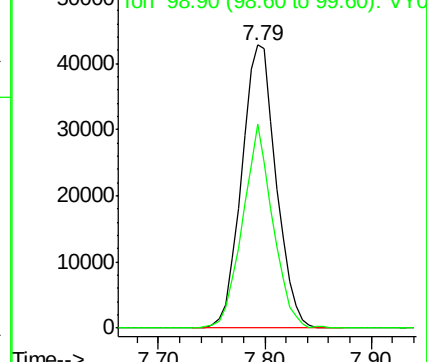
Ion Ratio Lower Upper

168 100

99 71.9 44.2 66.2#



Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.030 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000100.D

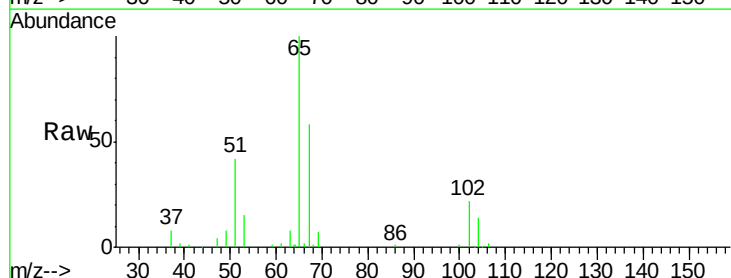
Acq: 20 Sep 2019 12:06

Tgt Ion: 65 Resp: 58180

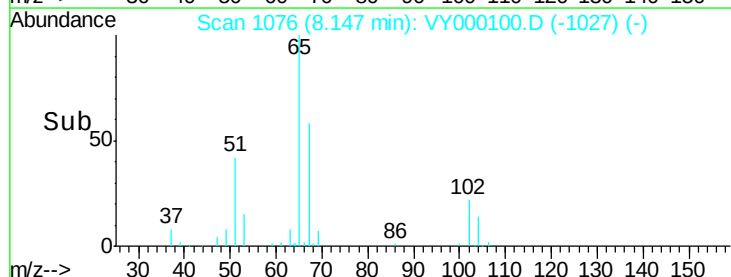
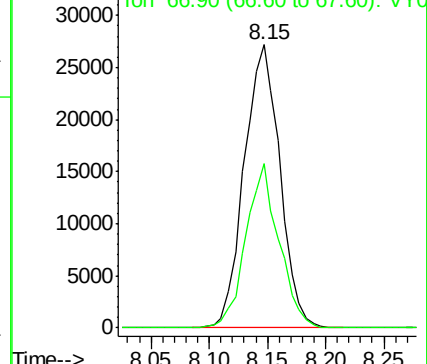
Ion Ratio Lower Upper

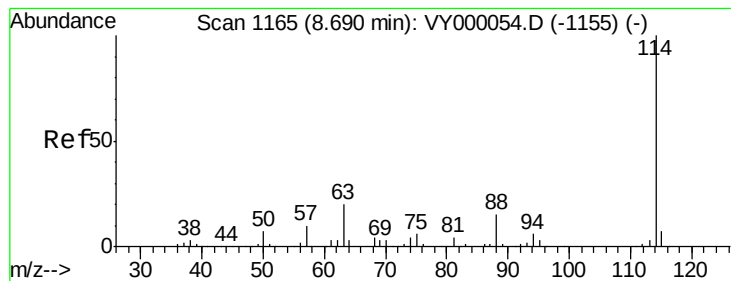
65 100

67 54.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY000054.D (-1065) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000100.D

Acq: 20 Sep 2019 12:06

Instrument :

MSVOA_Y

ClientSampleId :

CSA-4-6-1

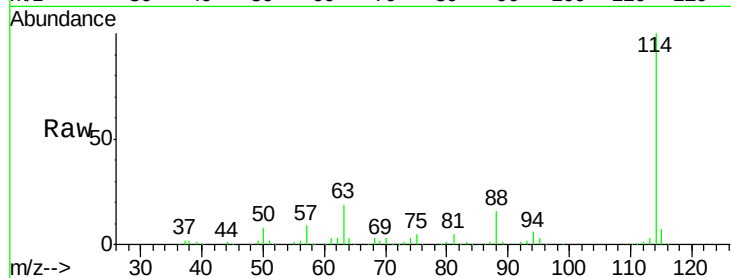
Tot Ion:114 Resp: 200633

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.4

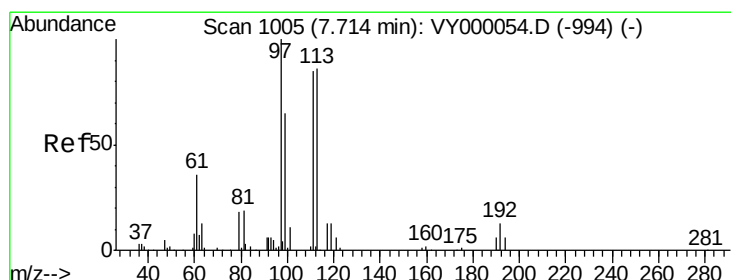
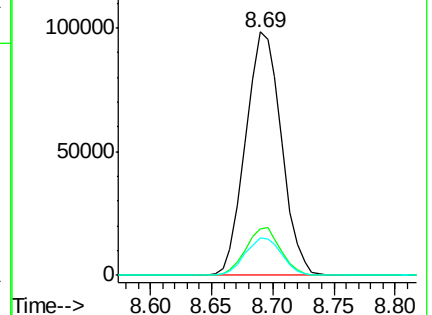
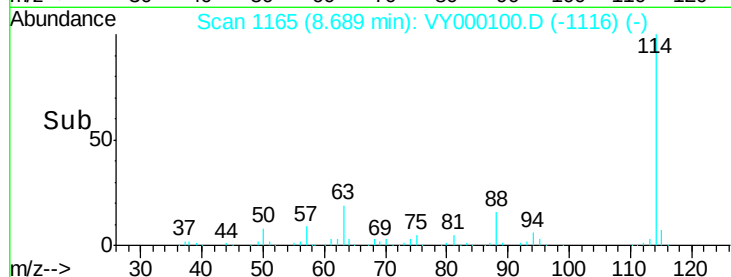
88 15.5 0.0 30.2



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: 46.313 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000100.D

Acq: 20 Sep 2019 12:06

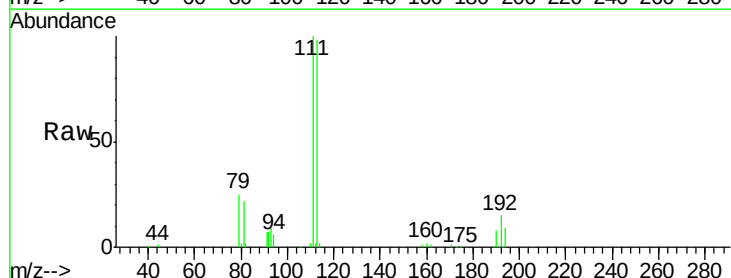
Tgt Ion:113 Resp: 56260

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

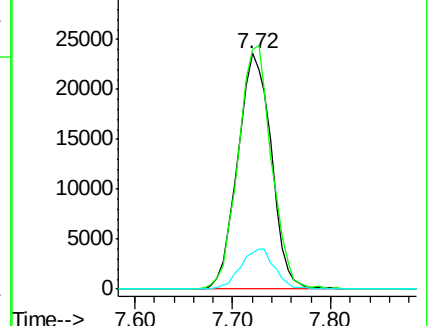
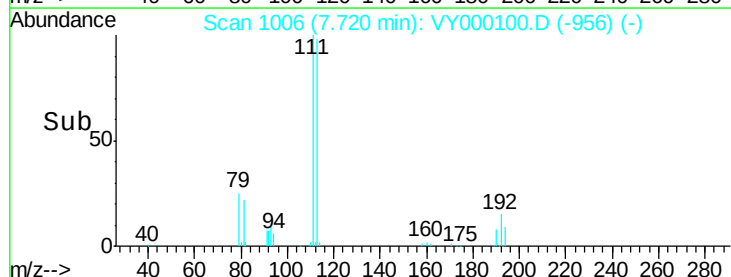
192 17.4 13.4 20.2

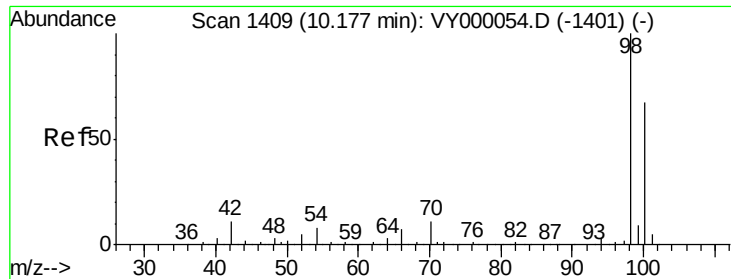


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.895 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000100.D

Acq: 20 Sep 2019 12:06

Instrument :

MSVOA_Y

ClientSampleId :

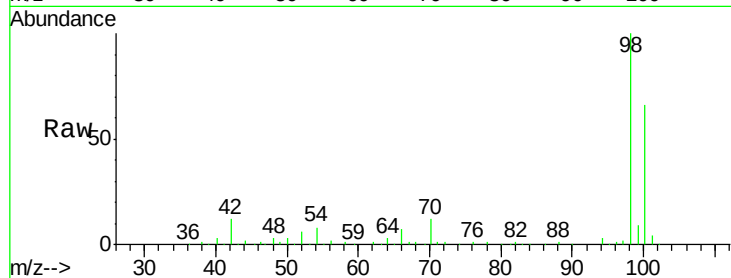
CSA-4-6-1

Tot Ion: 98 Resp: 218980

Ion Ratio Lower Upper

98 100

100 67.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY000100.D (-1360) (-)

Ion 100.00 (99.70 to 100.70): VY000100.D (-1360) (-)

10.18

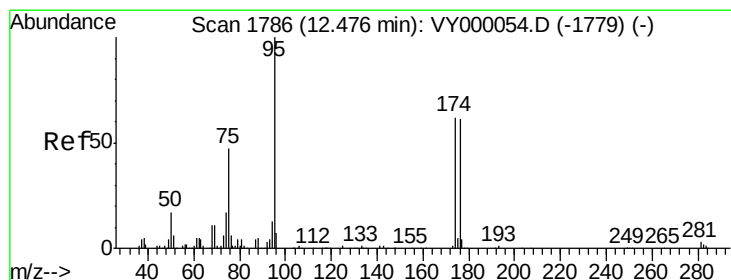
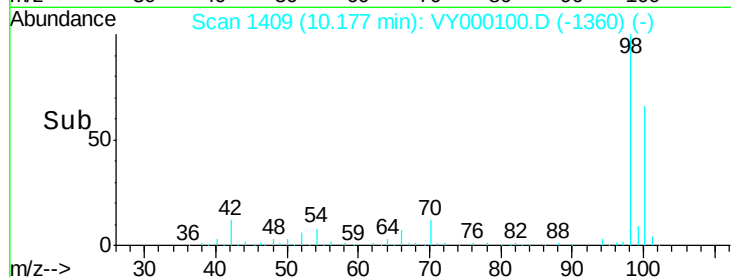
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 32.863 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000100.D

Acq: 20 Sep 2019 12:06

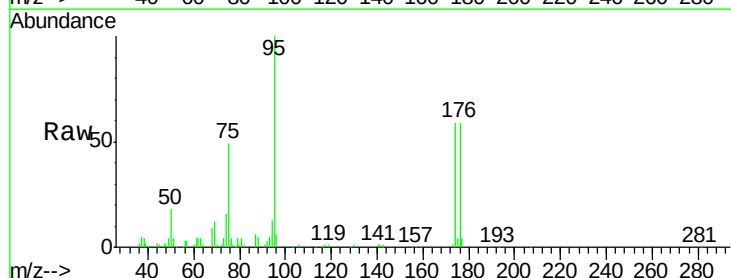
Tgt Ion: 95 Resp: 58215

Ion Ratio Lower Upper

95 100

174 66.6 0.0 137.2

176 64.2 0.0 135.0



Abundance Ion 94.90 (94.60 to 95.60): VY000100.D (-1737) (-)

Ion 173.80 (173.50 to 174.50): VY000100.D (-1737) (-)

Ion 175.80 (175.50 to 176.50): VY000100.D (-1737) (-)

12.48

50000

40000

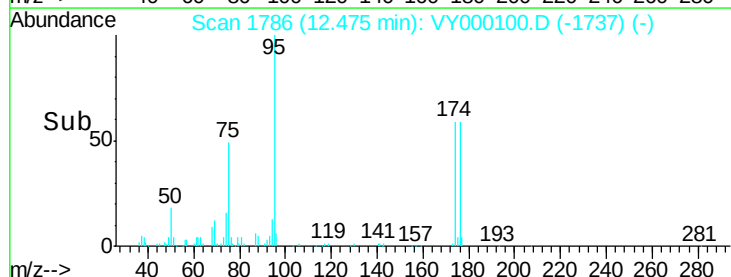
30000

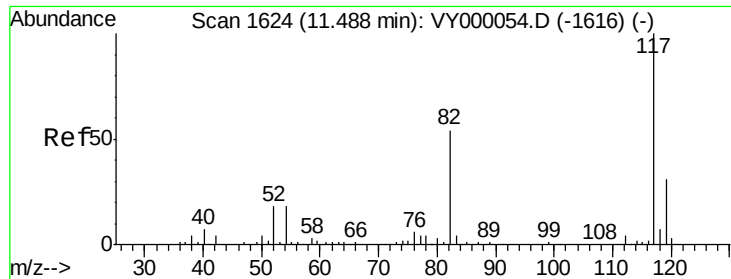
20000

10000

0

Time-->

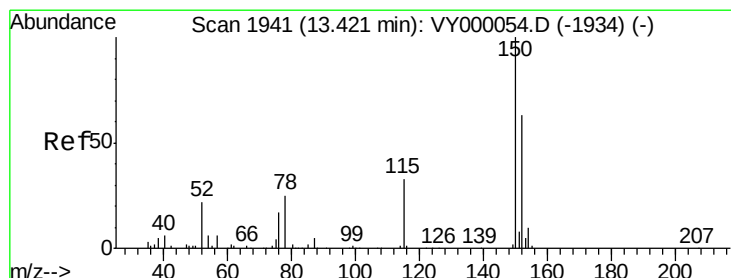
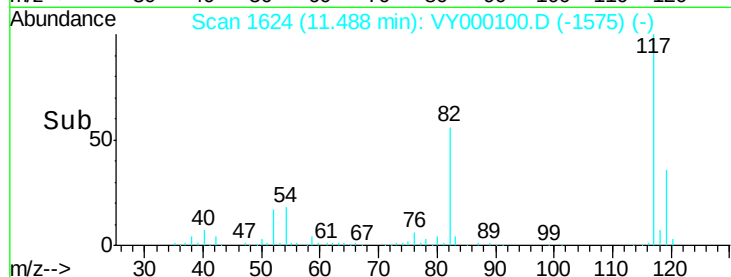
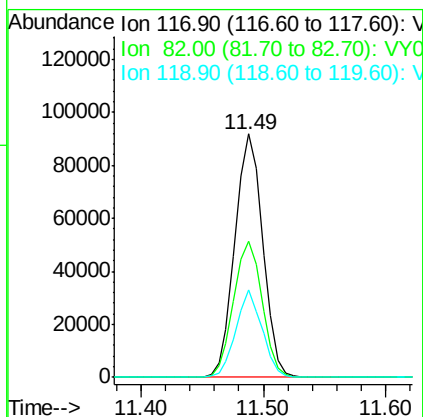
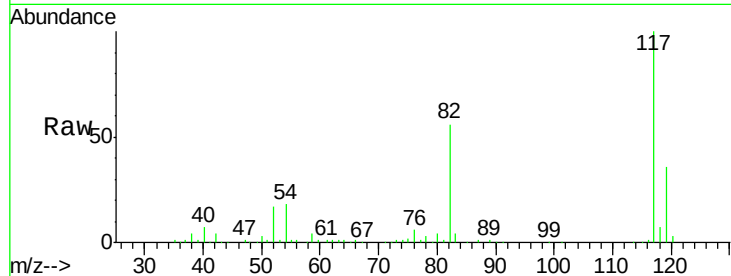




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000100.D
Acq: 20 Sep 2019 12:06

Instrument :
MSVOA_Y
ClientSampleId :
CSA-4-6-1

Tot Ion:117 Resp: 144883
Ion Ratio Lower Upper
117 100
82 55.8 43.5 65.3
119 36.0 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000100.D
Acq: 20 Sep 2019 12:06

Tgt Ion:152 Resp: 44058
Ion Ratio Lower Upper
152 100
115 61.3 30.7 92.1
150 153.8 0.0 351.6

