

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012786.D
 Acq On : 03 Mar 2023 11:01
 Operator : KP/MD
 Sample : VY0303SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBL01

Quant Time: Mar 03 14:35:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	79606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58413	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	47682	60.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.660%
35) Dibromofluoromethane	7.715	113	43795	53.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.960%
50) Toluene-d8	10.178	98	146582	48.966	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.483	95	47372	46.884	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.760%

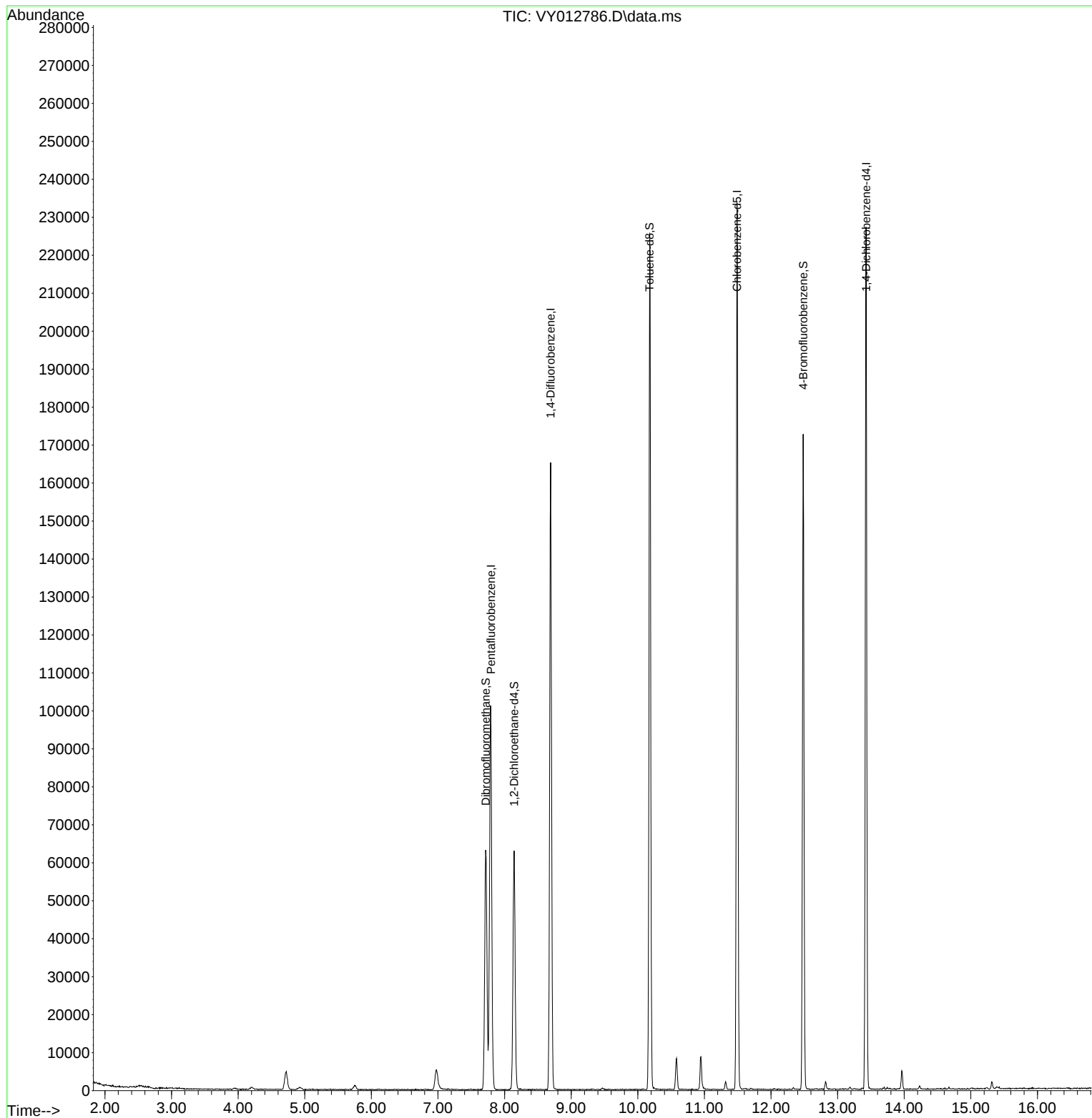
Target Compounds	Qvalue

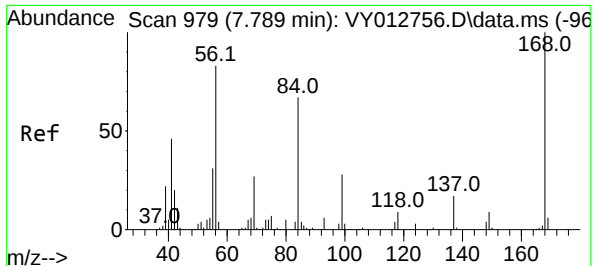
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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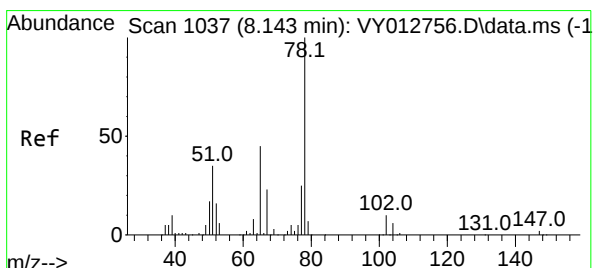
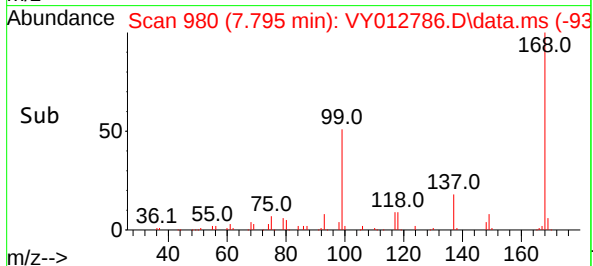
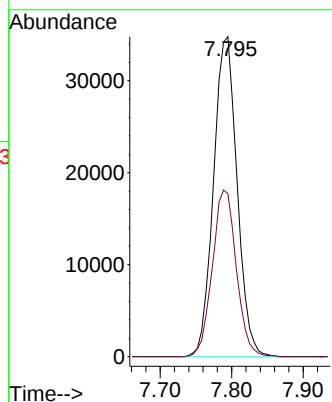
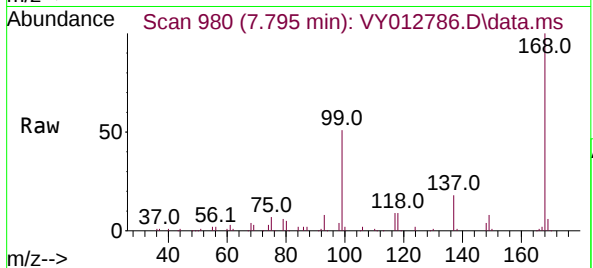




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

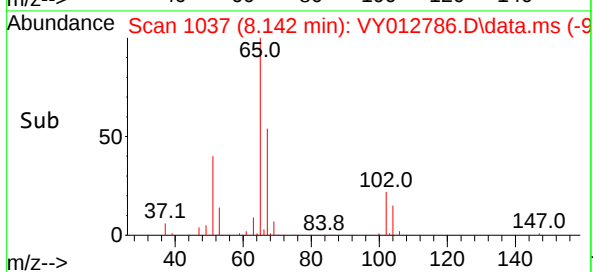
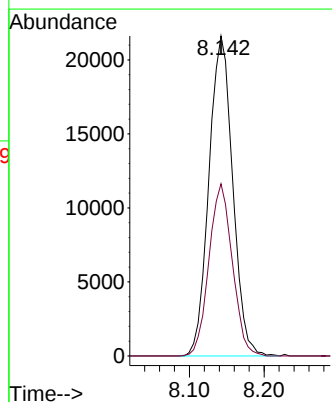
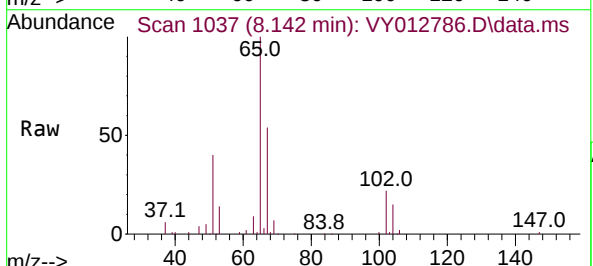
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBL01

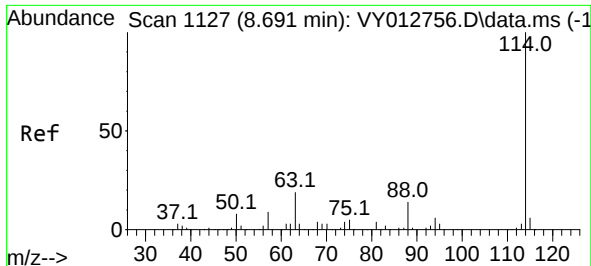
Tgt Ion:168 Resp: 79606
Ion Ratio Lower Upper
168 100
99 50.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 60.328 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012786.D
Acq: 03 Mar 2023 11:01

Tgt Ion: 65 Resp: 47682
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012786.D

Acq: 03 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBL01

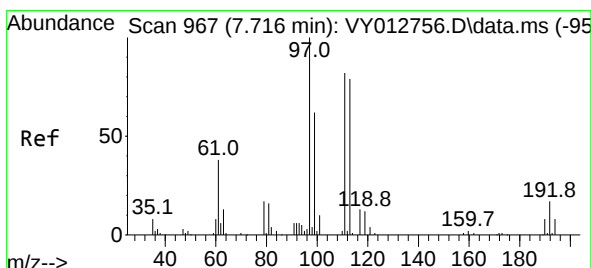
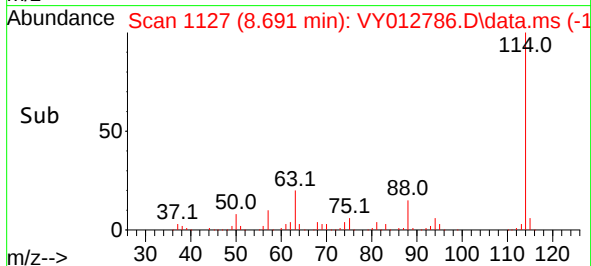
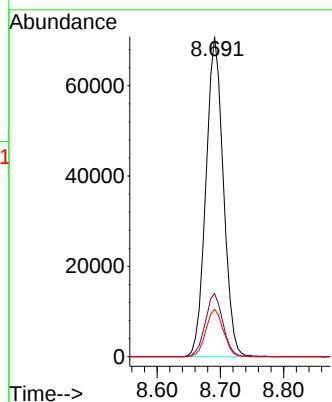
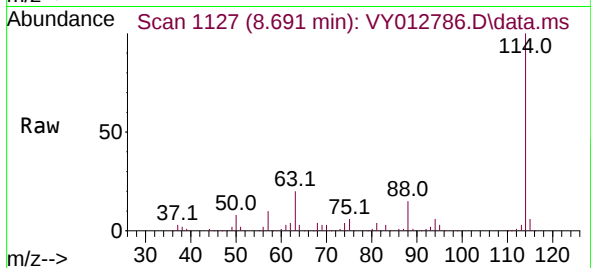
Tgt Ion:114 Resp: 135684

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 53.483 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012786.D

Acq: 03 Mar 2023 11:01

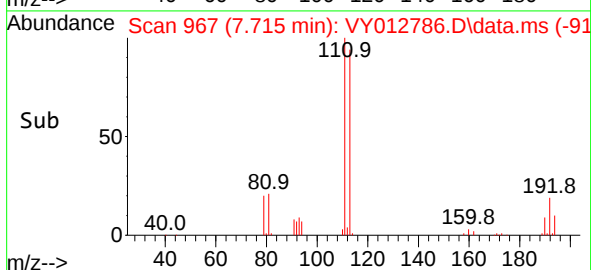
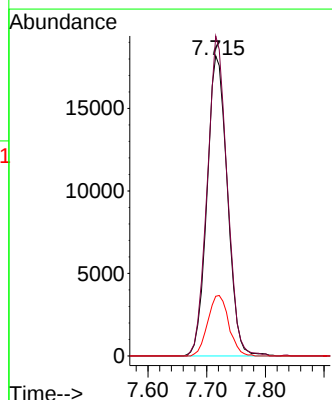
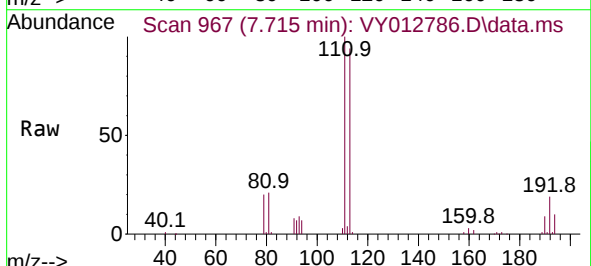
Tgt Ion:113 Resp: 43795

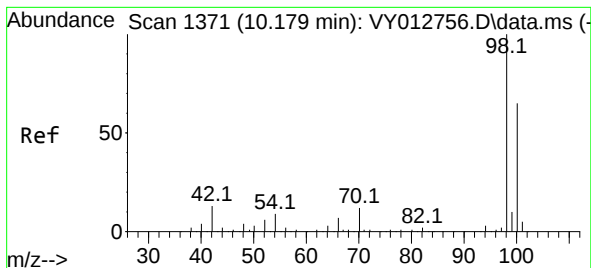
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.2

192 20.8 16.8 25.2





#50

Toluene-d8

Concen: 48.966 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012786.D

Acq: 03 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

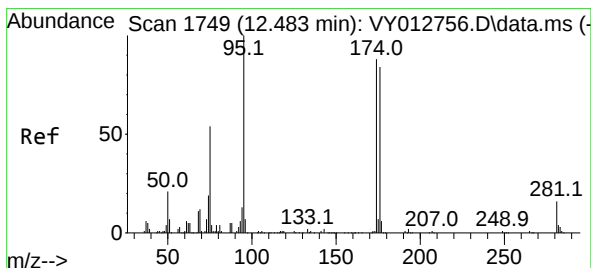
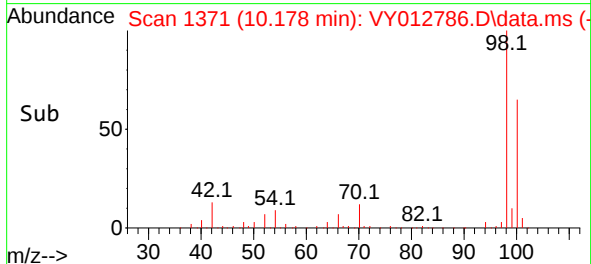
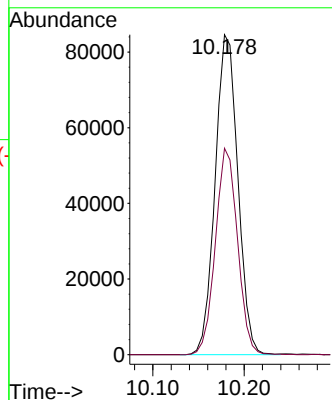
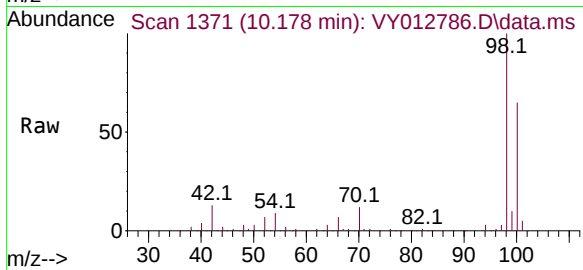
VY0303SBL01

Tgt Ion: 98 Resp: 146582

Ion Ratio Lower Upper

98 100

100 62.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.884 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012786.D

Acq: 03 Mar 2023 11:01

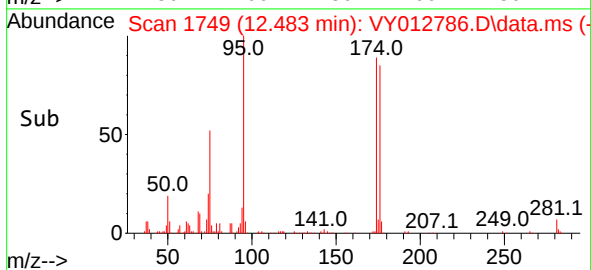
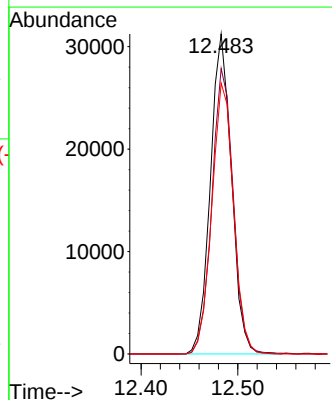
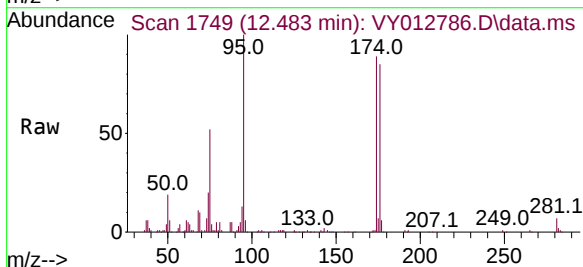
Tgt Ion: 95 Resp: 47372

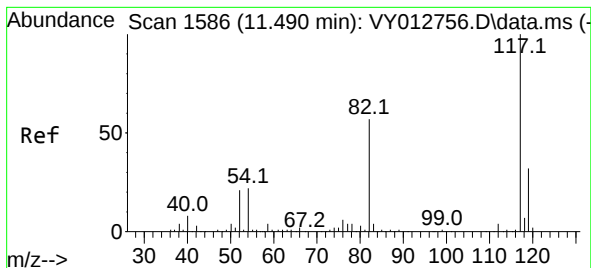
Ion Ratio Lower Upper

95 100

174 90.2 0.0 176.6

176 87.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012786.D

Acq: 03 Mar 2023 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBL01

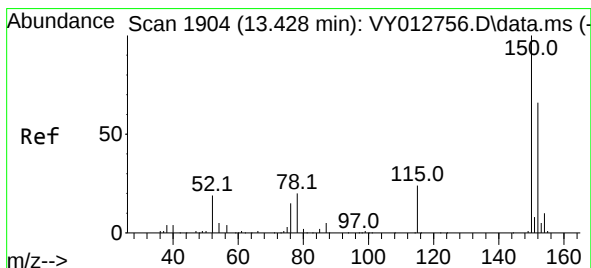
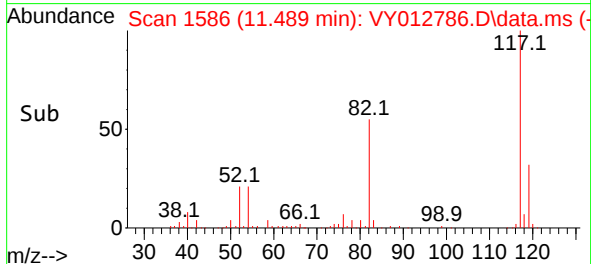
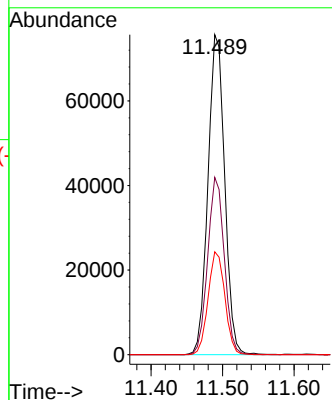
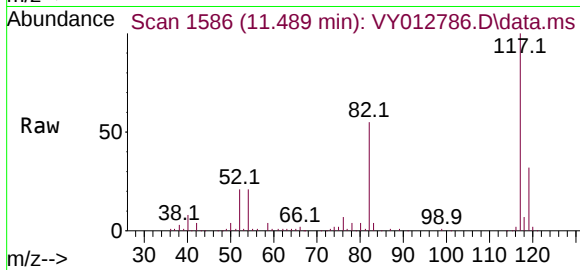
Tgt Ion:117 Resp: 122887

Ion Ratio Lower Upper

117 100

82 55.4 45.4 68.0

119 32.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012786.D

Acq: 03 Mar 2023 11:01

Tgt Ion:152 Resp: 58413

Ion Ratio Lower Upper

152 100

115 55.2 27.1 81.3

150 155.4 0.0 347.8

