

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016040.D
 Acq On : 19 Oct 2023 16:22
 Operator : SY/MD
 Sample : 04938-06
 Misc : 3.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-3(2-6)

Quant Time: Oct 20 05:38:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	140801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	212931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86353	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	88116	55.062	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.120%
35) Dibromofluoromethane	7.716	113	78291	50.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.440%
50) Toluene-d8	10.179	98	280335	49.509	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.483	95	84767	41.956	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.920%

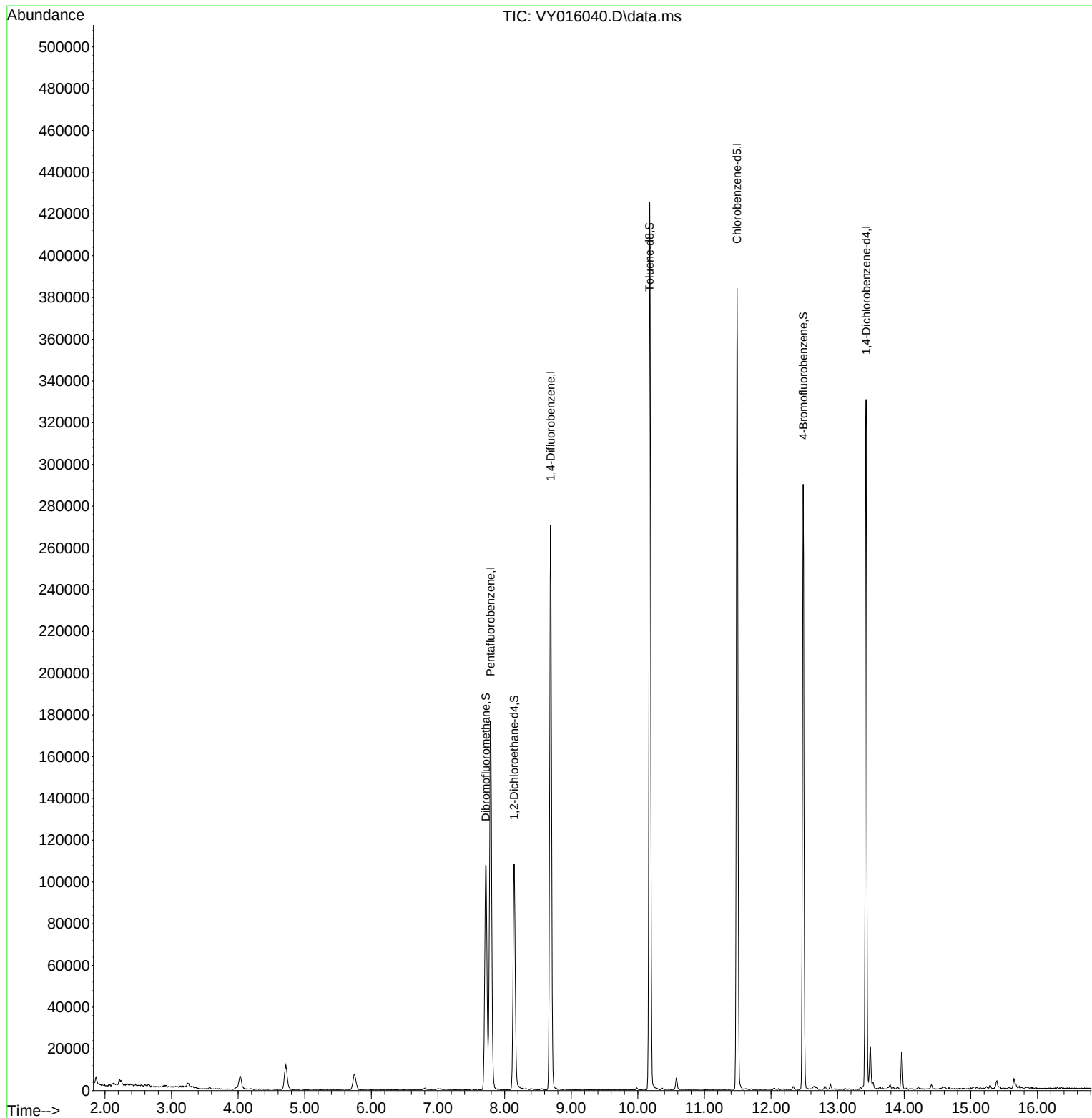
Target Compounds	Qvalue

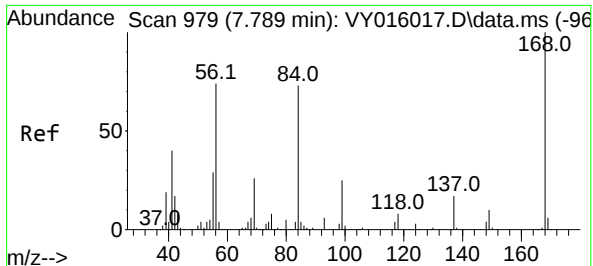
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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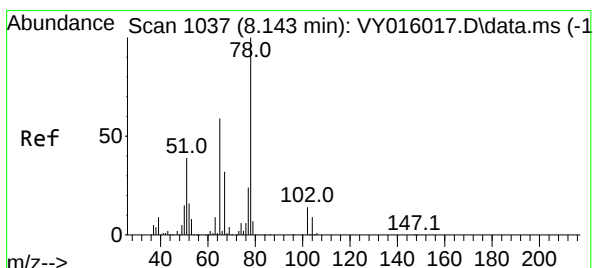
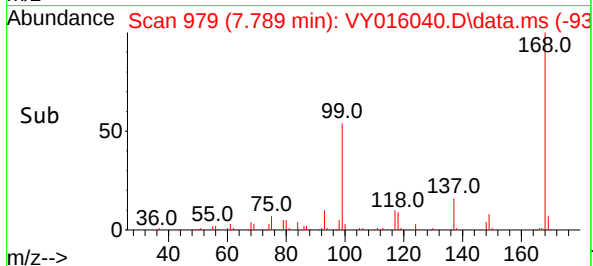
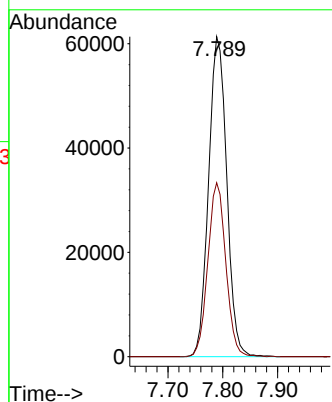
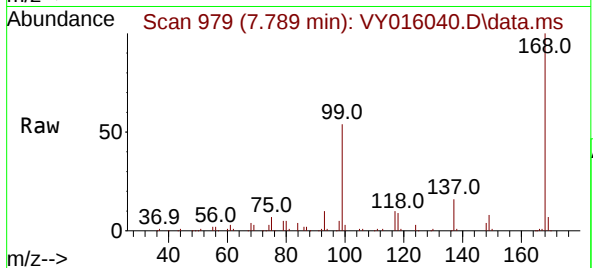




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016040.D
Acq: 19 Oct 2023 16:22

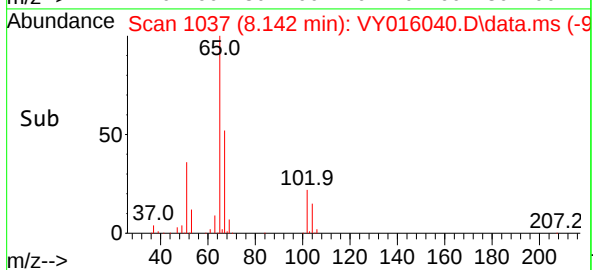
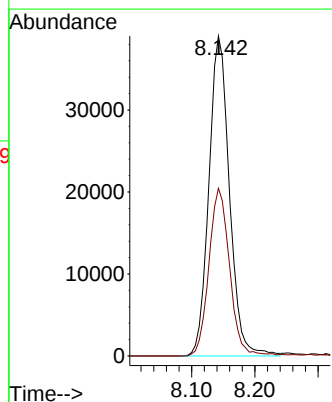
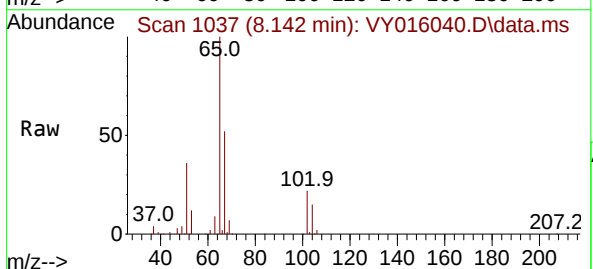
Instrument :
MSVOA_Y
ClientSampleId :
A-3(2-6)

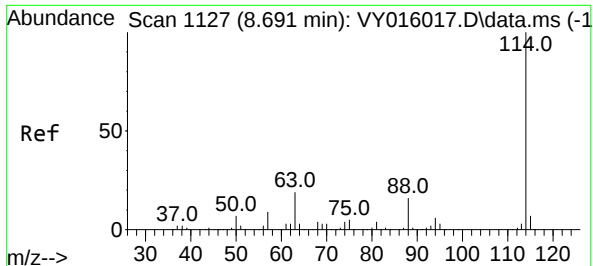
Tgt Ion:168 Resp: 140801
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.062 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016040.D
Acq: 19 Oct 2023 16:22

Tgt Ion: 65 Resp: 88116
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016040.D

Acq: 19 Oct 2023 16:22

Instrument :

MSVOA_Y

ClientSampleId :

A-3(2-6)

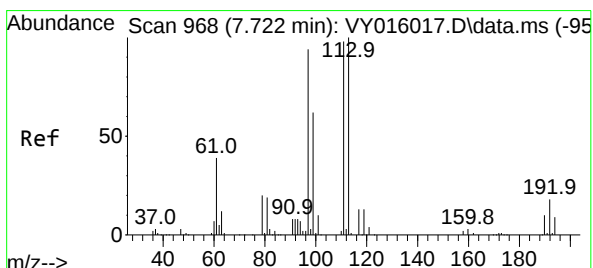
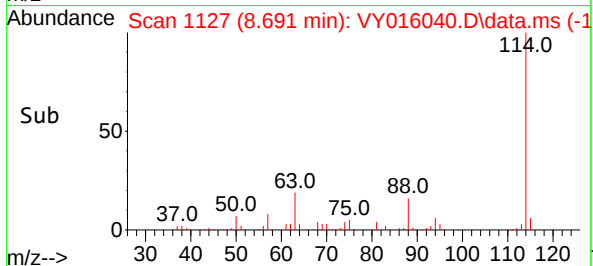
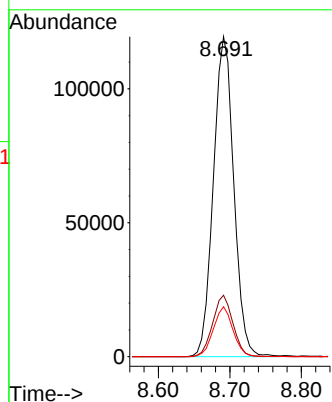
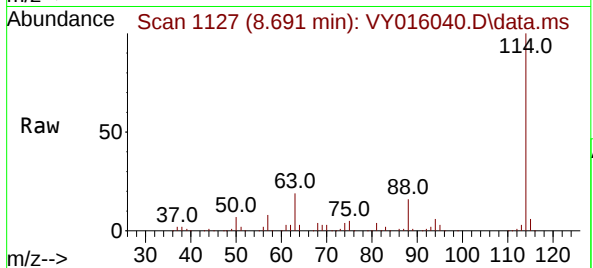
Tgt Ion:114 Resp: 236862

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.217 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY016040.D

Acq: 19 Oct 2023 16:22

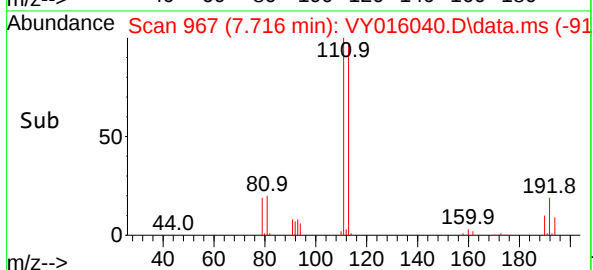
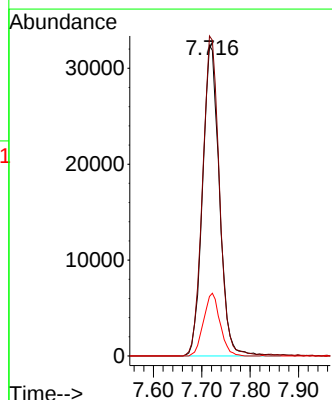
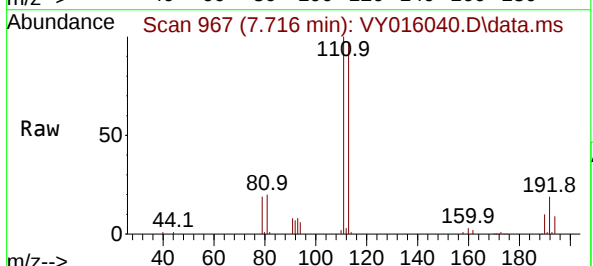
Tgt Ion:113 Resp: 78291

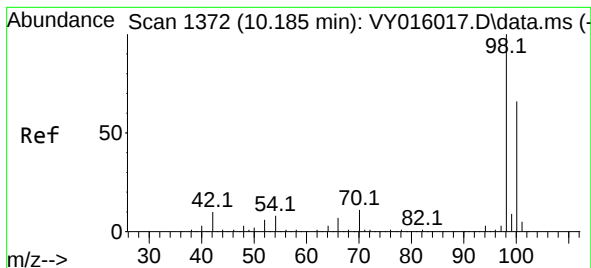
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 19.8 16.9 25.3





#50

Toluene-d8

Concen: 49.509 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016040.D

Acq: 19 Oct 2023 16:22

Instrument :

MSVOA_Y

ClientSampleId :

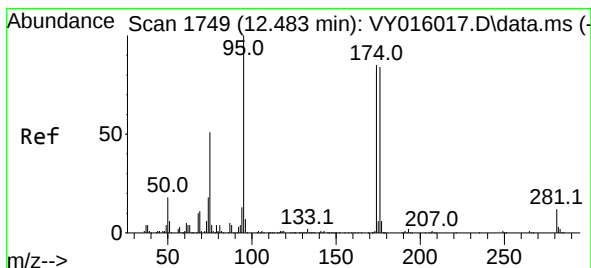
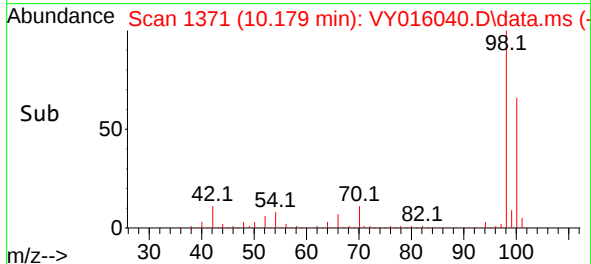
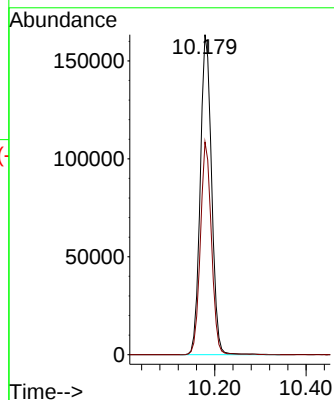
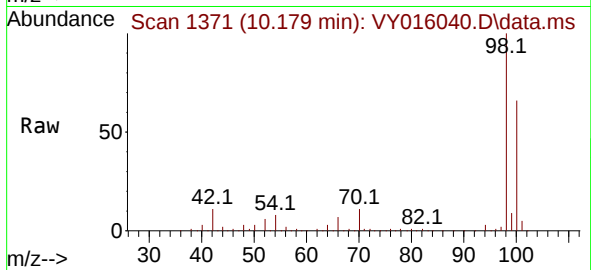
A-3(2-6)

Tgt Ion: 98 Resp: 280335

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 41.956 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY016040.D

Acq: 19 Oct 2023 16:22

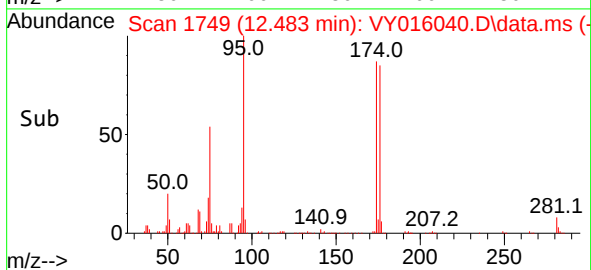
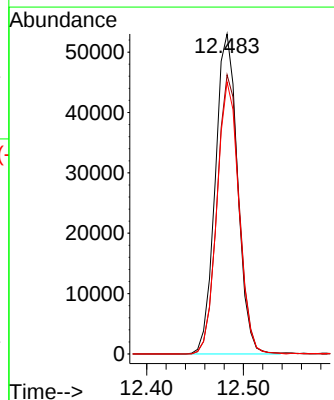
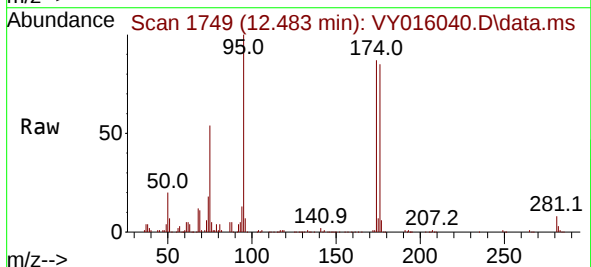
Tgt Ion: 95 Resp: 84767

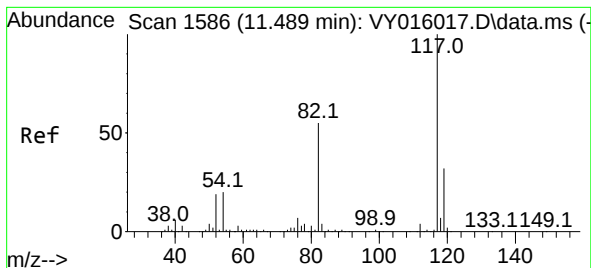
Ion Ratio Lower Upper

95 100

174 86.3 0.0 178.2

176 84.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY016040.D

Acq: 19 Oct 2023 16:22

Instrument :

MSVOA_Y

ClientSampleId :

A-3(2-6)

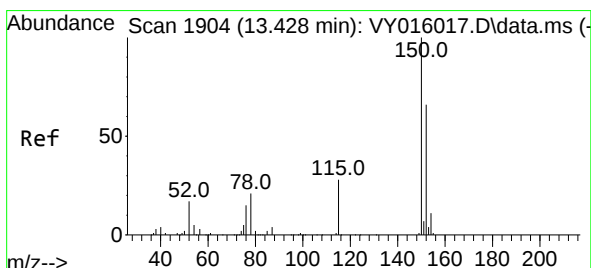
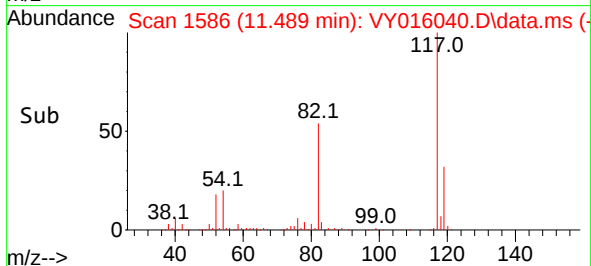
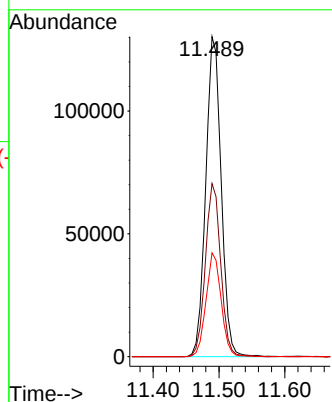
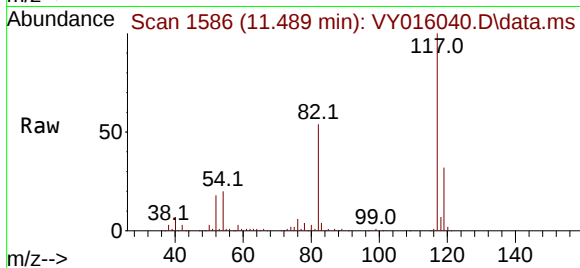
Tgt Ion:117 Resp: 212931

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY016040.D

Acq: 19 Oct 2023 16:22

Tgt Ion:152 Resp: 86353

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 156.0 0.0 348.8

