

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012849.D
 Acq On : 07 Mar 2023 16:55
 Operator : KP/MD
 Sample : 01825-07
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP4-0306

Quant Time: Mar 07 23:44:40 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	7.783	168	3407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	5469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2083	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3065	90.608	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	181.220%#
35) Dibromofluoromethane	7.716	113	2580	75.719	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	151.440%#
50) Toluene-d8	10.179	98	6961	55.882	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.760%
62) 4-Bromofluorobenzene	12.483	95	1965	46.737	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.480%

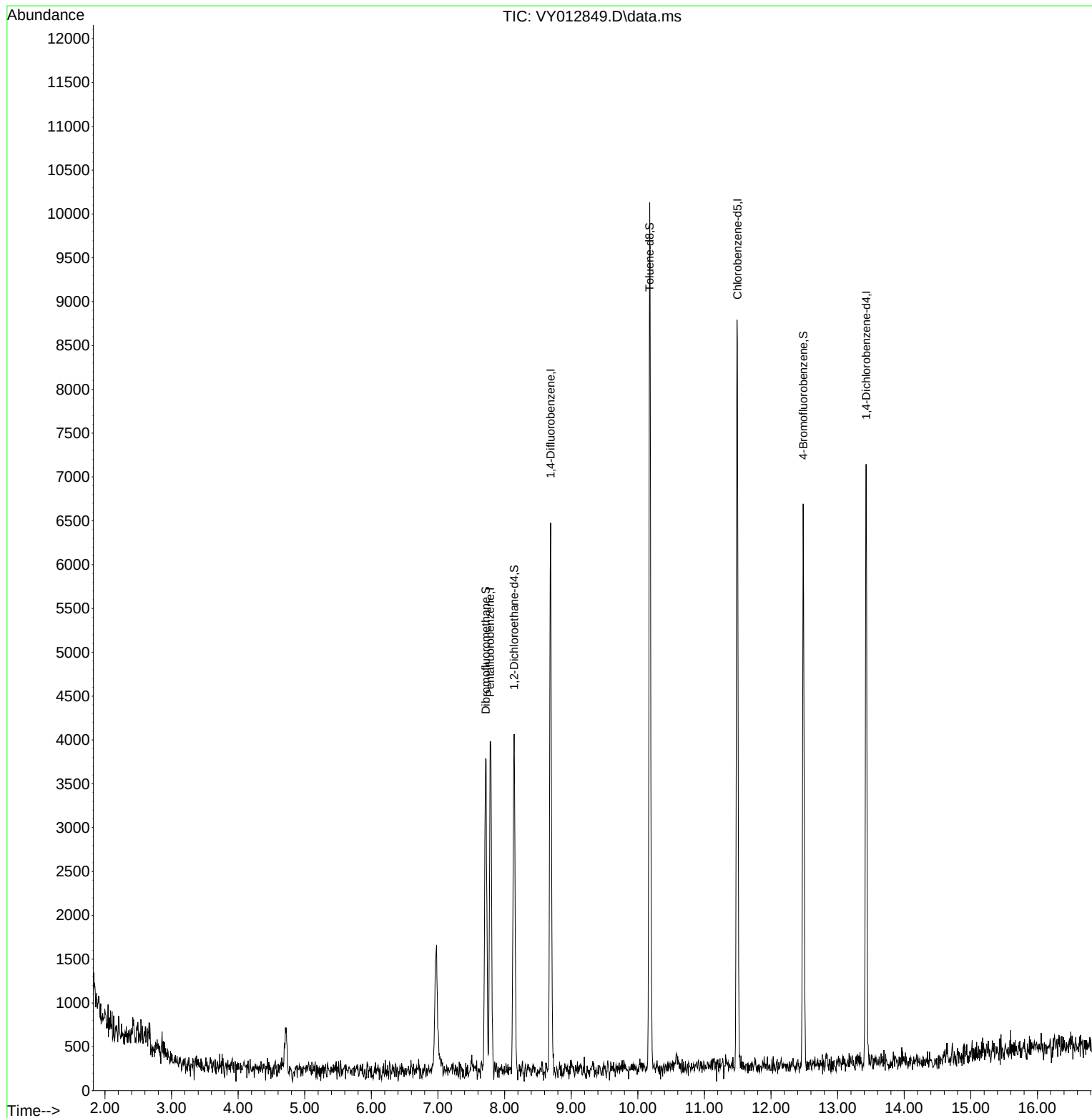
Target Compounds	Qvalue

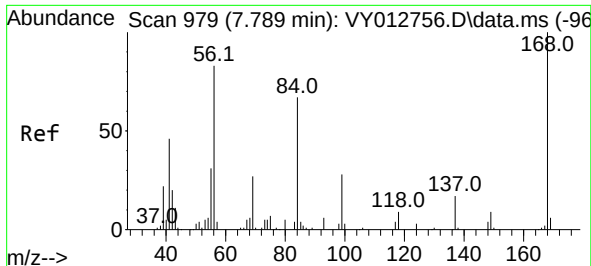
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
Data File : VY012849.D
Acq On : 07 Mar 2023 16:55
Operator : KP/MD
Sample : 01825-07
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP4-0306

Quant Time: Mar 07 23:44:40 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

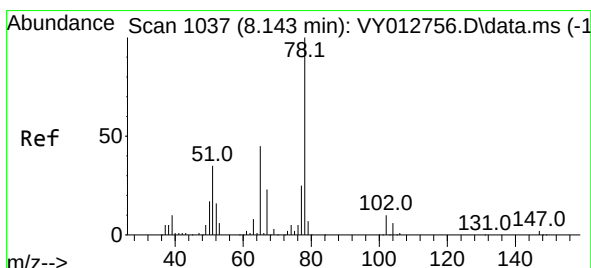
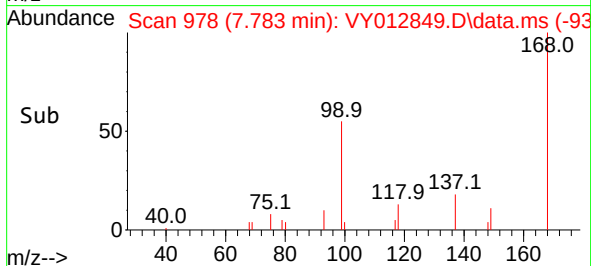
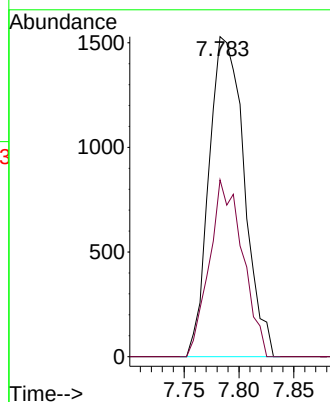
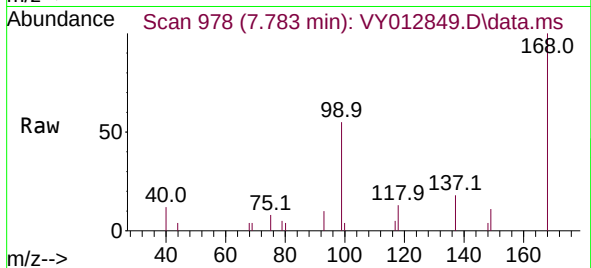




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012849.D
Acq: 07 Mar 2023 16:55

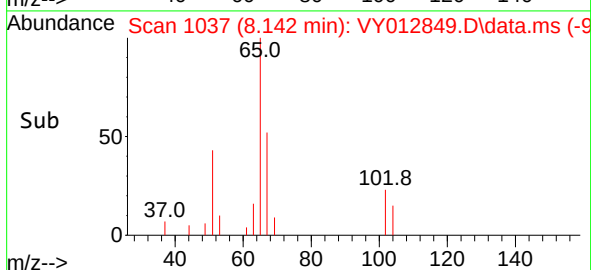
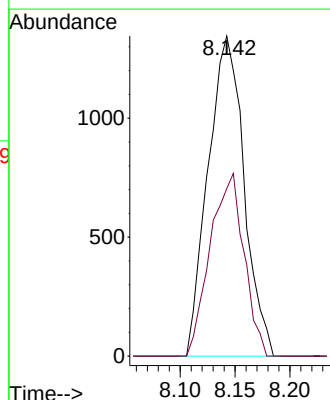
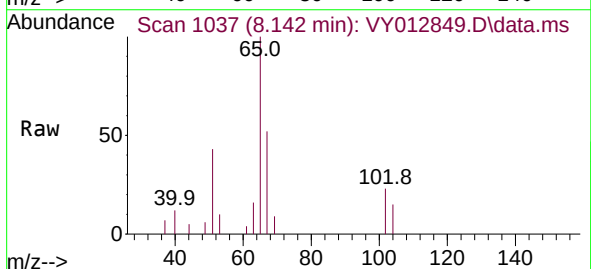
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP4-0306

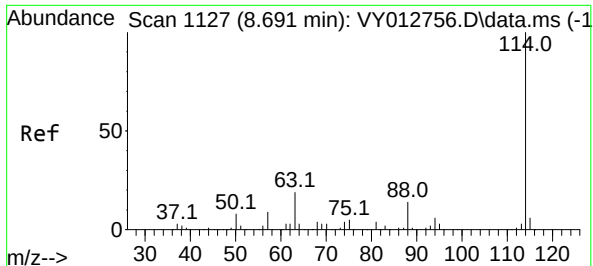
Tgt Ion:168 Resp: 3407
Ion Ratio Lower Upper
168 100
99 55.3 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 90.608 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012849.D
Acq: 07 Mar 2023 16:55

Tgt Ion: 65 Resp: 3065
Ion Ratio Lower Upper
65 100
67 53.5 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: VY012849.D

Acq: 07 Mar 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

HH-TP4-0306

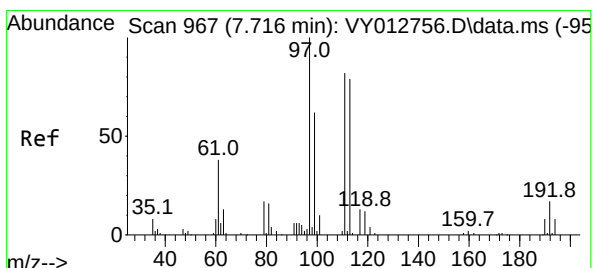
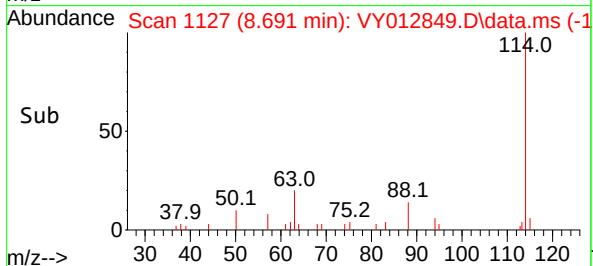
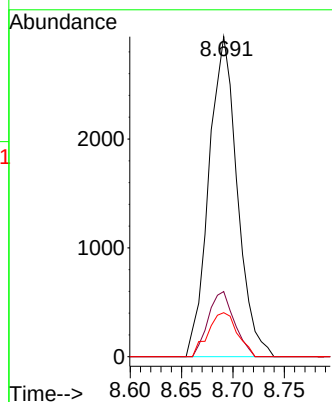
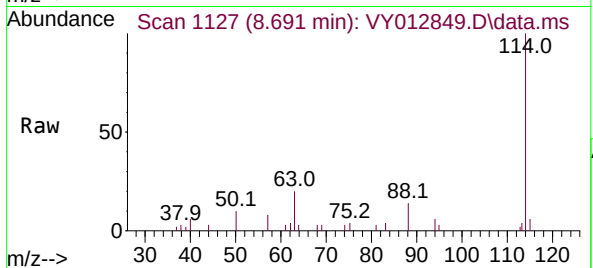
Tgt Ion:114 Resp: 5646

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 13.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 75.719 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012849.D

Acq: 07 Mar 2023 16:55

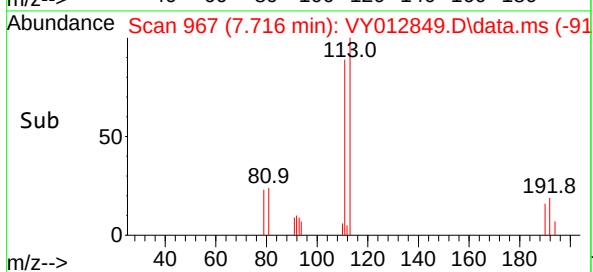
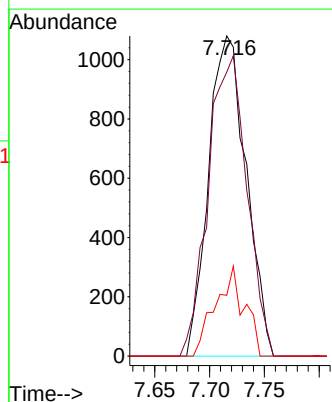
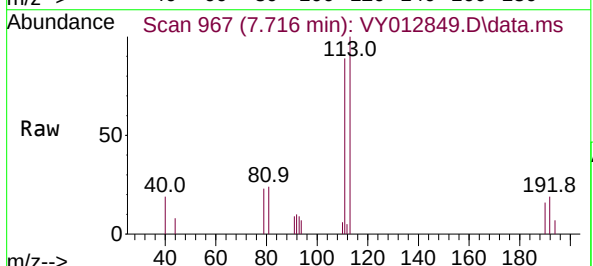
Tgt Ion:113 Resp: 2580

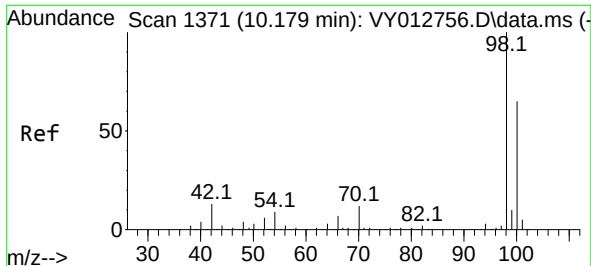
Ion Ratio Lower Upper

113 100

111 96.4 82.2 123.2

192 21.5 16.8 25.2





#50

Toluene-d8

Concen: 55.882 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012849.D

Acq: 07 Mar 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

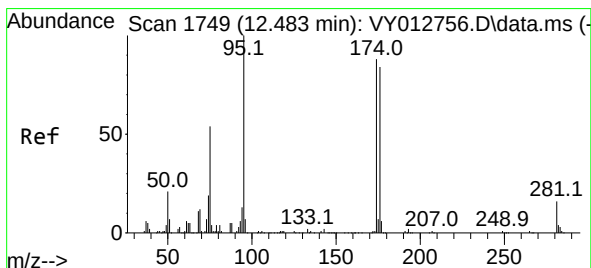
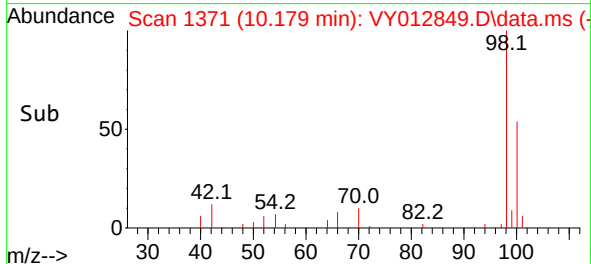
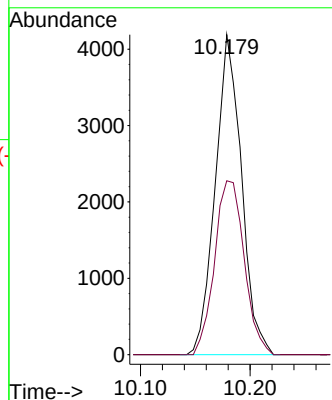
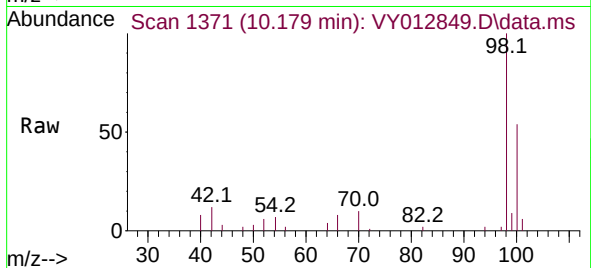
HH-TP4-0306

Tgt Ion: 98 Resp: 6961

Ion Ratio Lower Upper

98 100

100 61.4 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.737 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012849.D

Acq: 07 Mar 2023 16:55

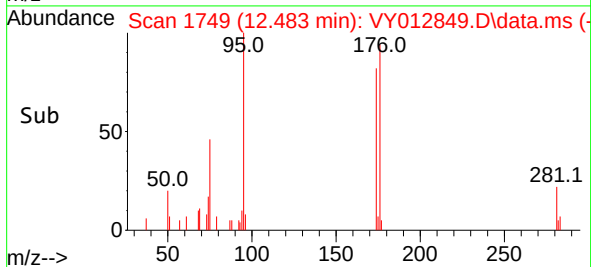
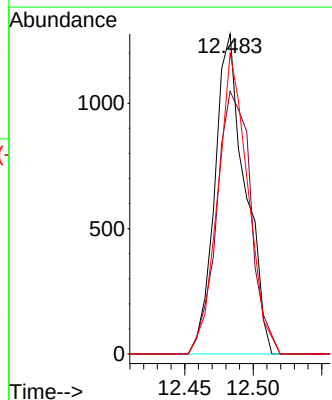
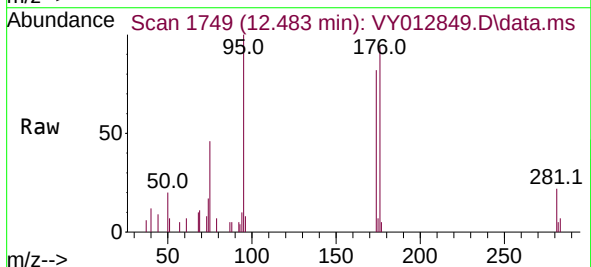
Tgt Ion: 95 Resp: 1965

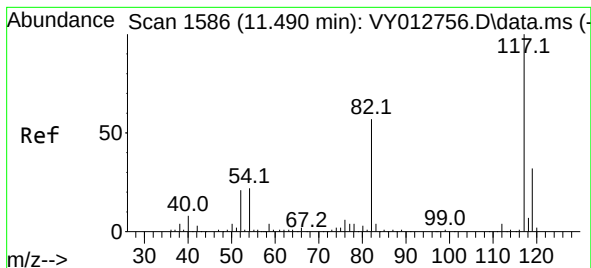
Ion Ratio Lower Upper

95 100

174 92.5 0.0 176.6

176 93.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012849.D

Acq: 07 Mar 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

HH-TP4-0306

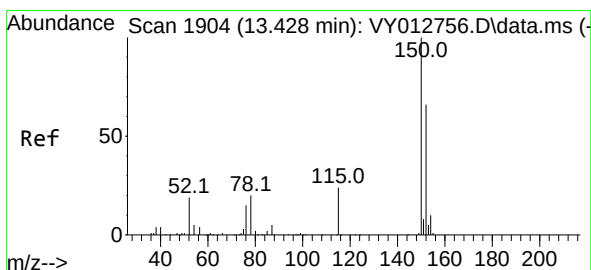
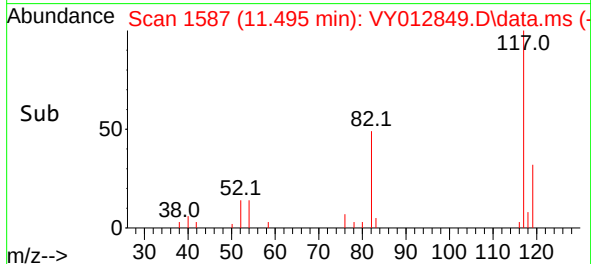
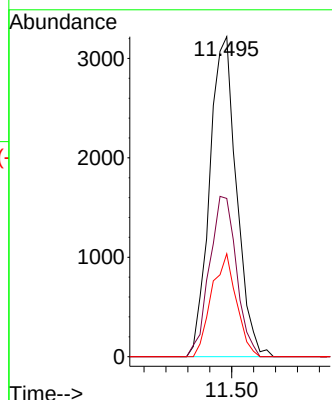
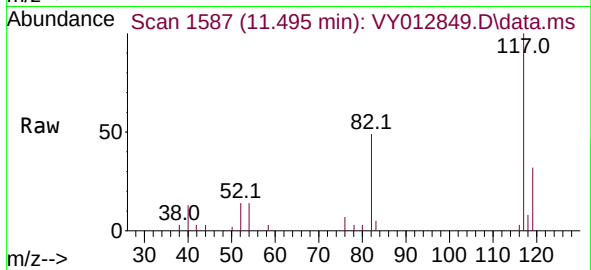
Tgt Ion:117 Resp: 5469

Ion Ratio Lower Upper

117 100

82 49.4 45.4 68.0

119 32.2 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: VY012849.D

Acq: 07 Mar 2023 16:55

Tgt Ion:152 Resp: 2083

Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.3

150 155.0 0.0 347.8

