

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012975.D
 Acq On : 16 Mar 2023 17:06
 Operator : KP/MD
 Sample : 01965-03
 Misc : 6.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Mar 17 01:38:03 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	7.789	168	83655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	131190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58058	69.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.800%
35) Dibromofluoromethane	7.716	113	49054	57.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.340%
50) Toluene-d8	10.179	98	170180	54.249	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.500%
62) 4-Bromofluorobenzene	12.483	95	53529	50.555	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.120%

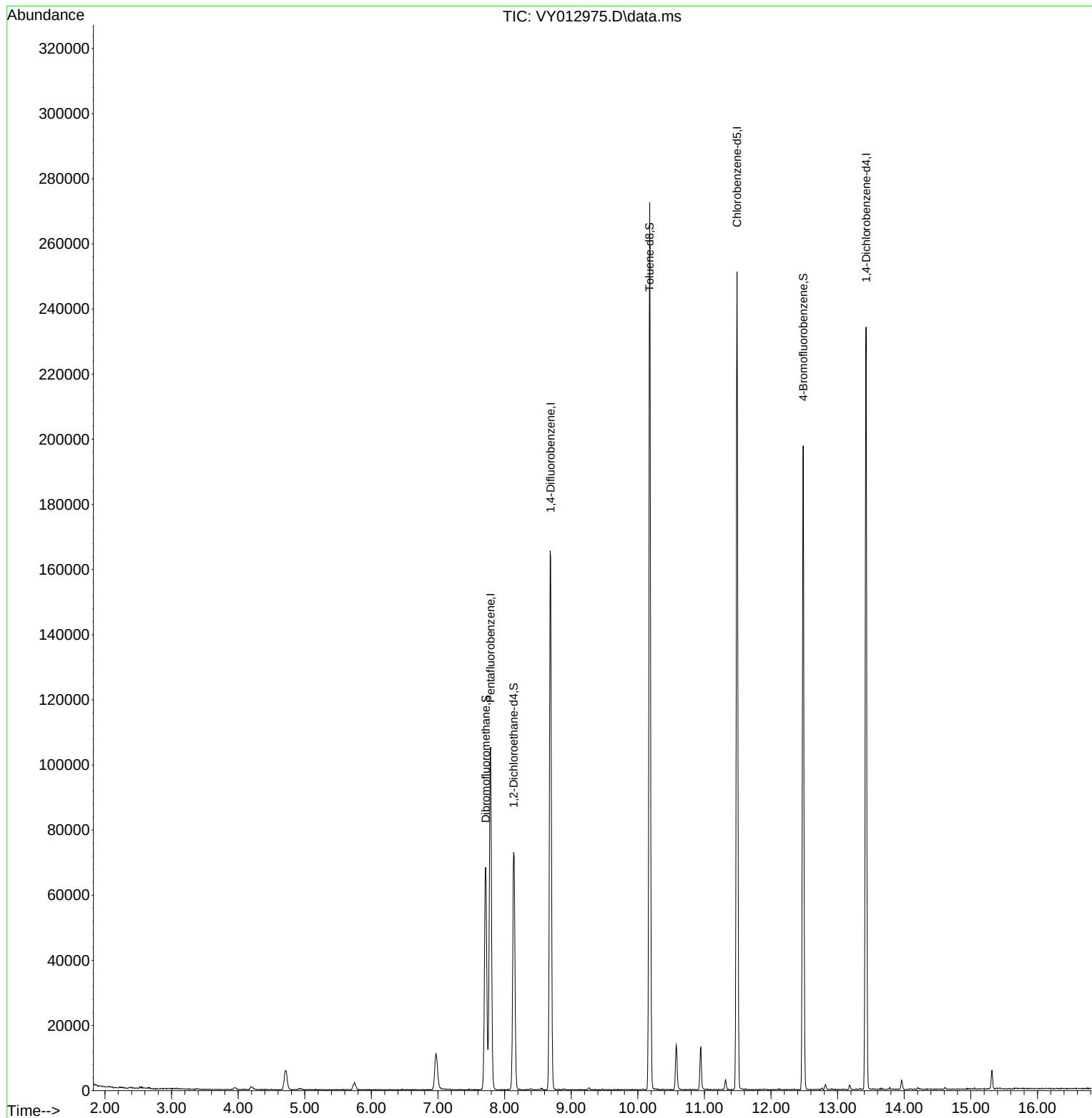
Target Compounds	Qvalue

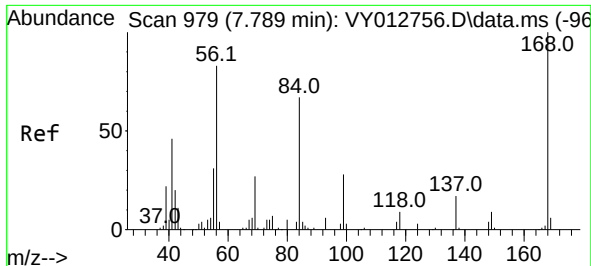
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
Data File : VY012975.D
Acq On : 16 Mar 2023 17:06
Operator : KP/MD
Sample : 01965-03
Misc : 6.44g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Quant Time: Mar 17 01:38:03 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

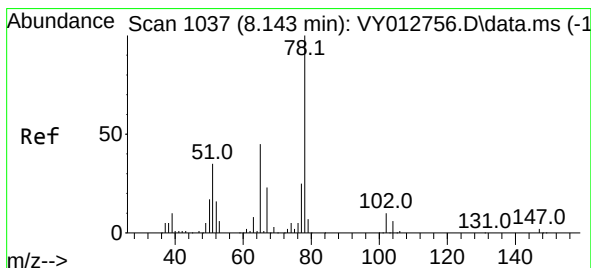
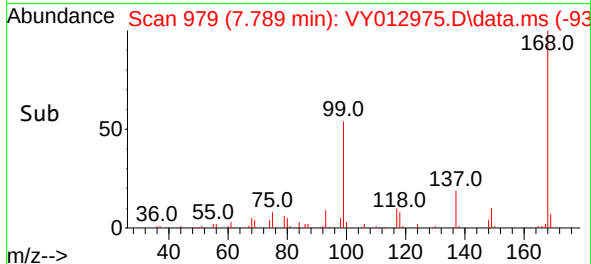
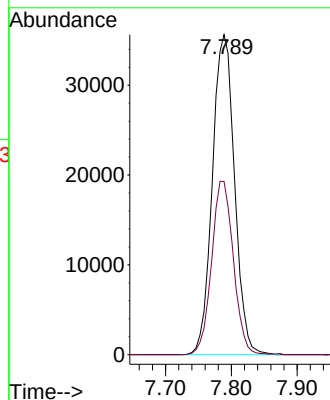
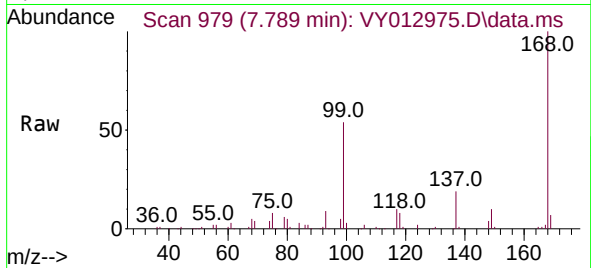




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

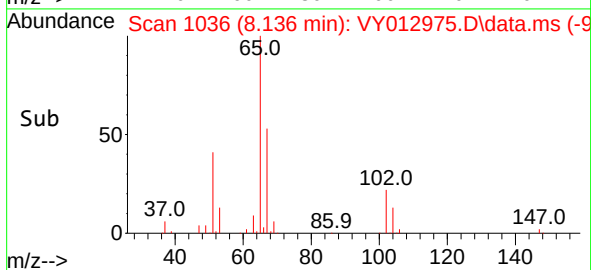
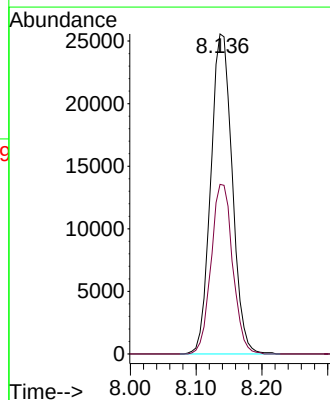
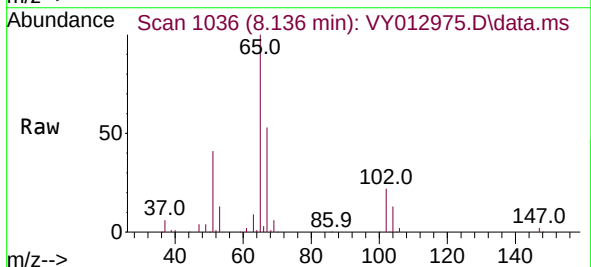
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

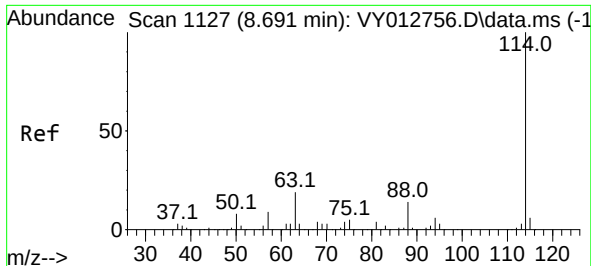
Tgt Ion:168 Resp: 83655
Ion Ratio Lower Upper
168 100
99 54.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 69.900 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

Tgt Ion: 65 Resp: 58058
Ion Ratio Lower Upper
65 100
67 53.2 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: VY012975.D

Acq: 16 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

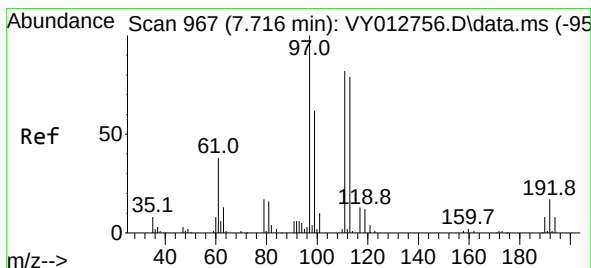
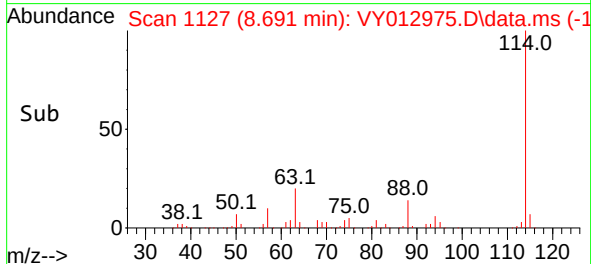
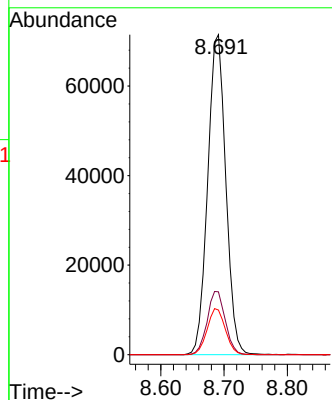
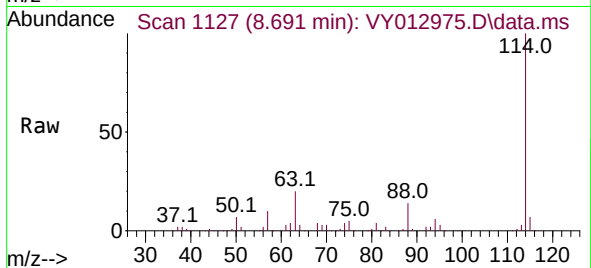
Tgt Ion:114 Resp: 142187

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.166 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012975.D

Acq: 16 Mar 2023 17:06

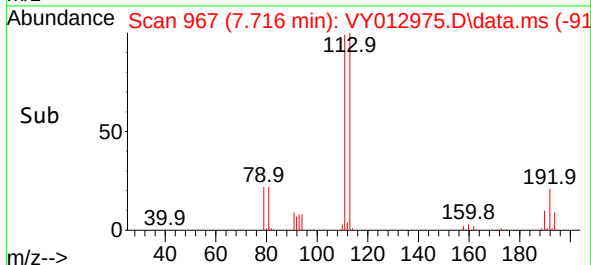
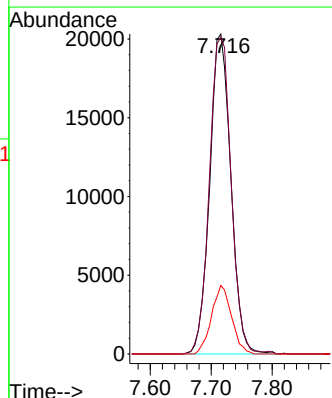
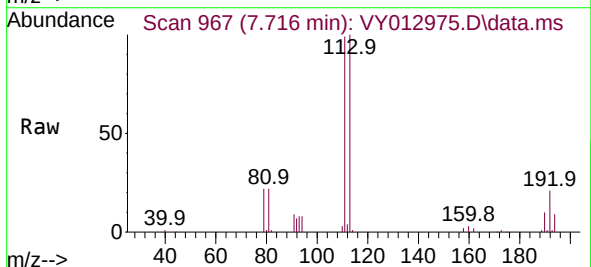
Tgt Ion:113 Resp: 49054

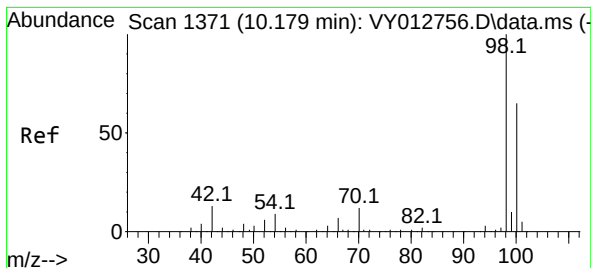
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 20.2 16.8 25.2





#50

Toluene-d8

Concen: 54.249 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012975.D

Acq: 16 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

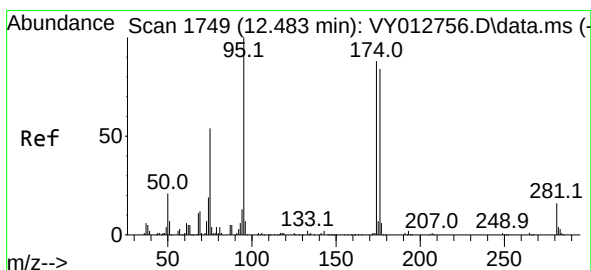
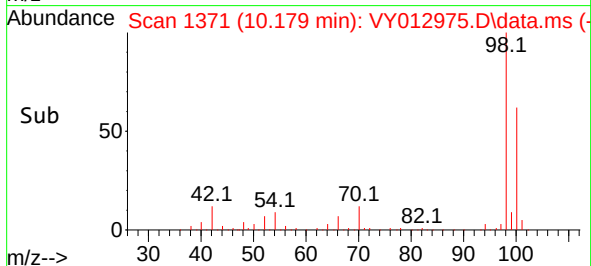
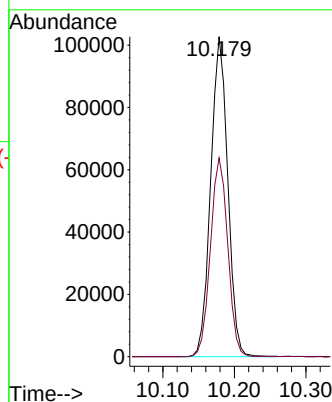
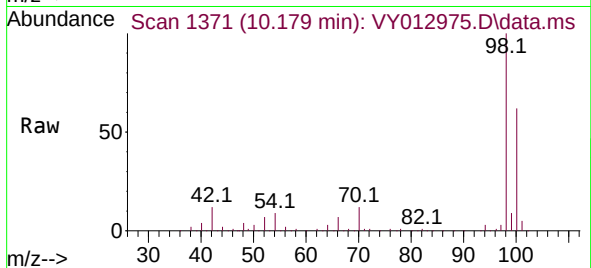
COMP-3

Tgt Ion: 98 Resp: 170180

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 50.555 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012975.D

Acq: 16 Mar 2023 17:06

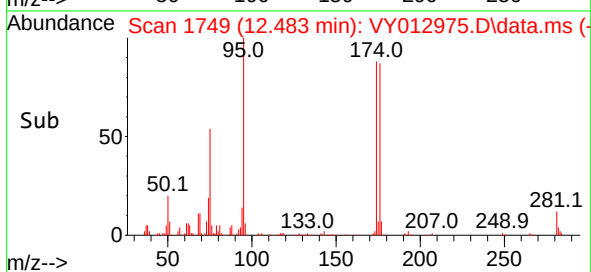
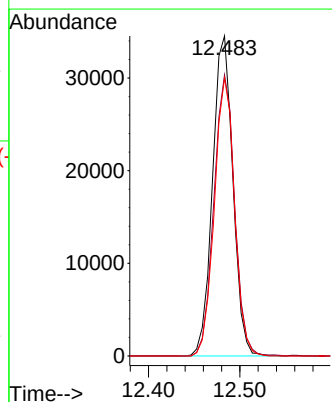
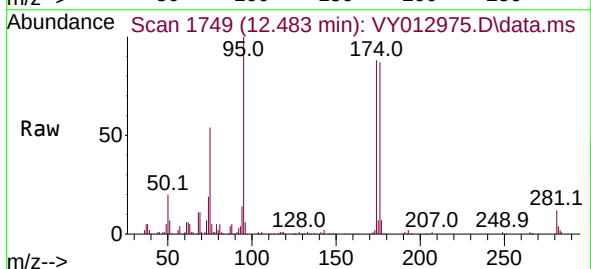
Tgt Ion: 95 Resp: 53529

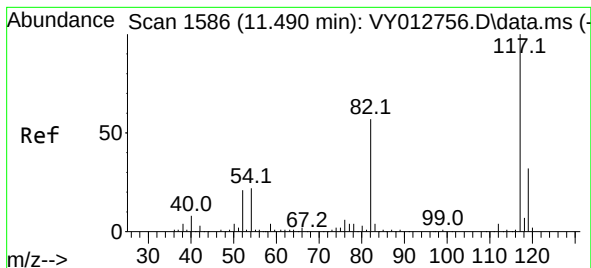
Ion Ratio Lower Upper

95 100

174 89.3 0.0 176.6

176 86.1 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: VY012975.D

Acq: 16 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

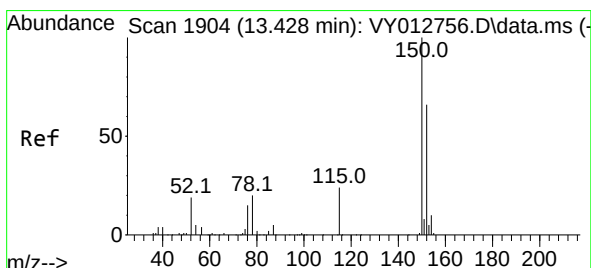
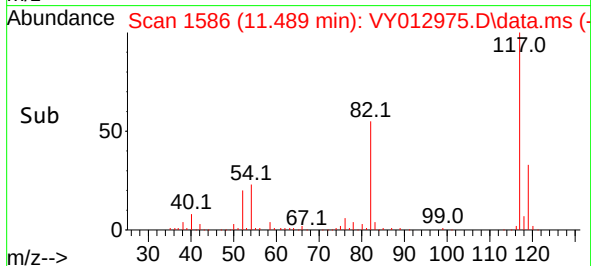
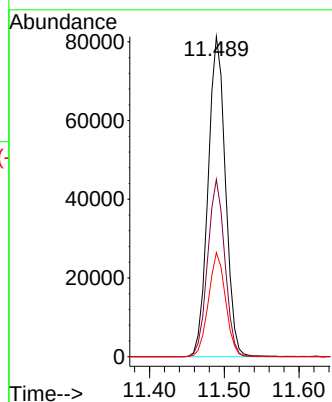
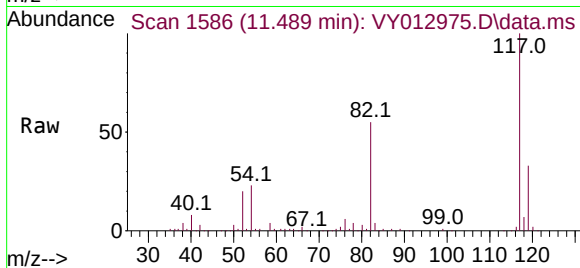
Tgt Ion:117 Resp: 131190

Ion Ratio Lower Upper

117 100

82 55.4 45.4 68.0

119 32.5 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: VY012975.D

Acq: 16 Mar 2023 17:06

Tgt Ion:152 Resp: 60206

Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

150 157.5 0.0 347.8

