

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012977.D
 Acq On : 16 Mar 2023 17:52
 Operator : KP/MD
 Sample : 01964-04
 Misc : 3.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAPLE-4

Quant Time: Mar 17 01:38:42 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	81601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	138652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	125539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56156	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49753	61.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.820%
35) Dibromofluoromethane	7.715	113	46078	55.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.140%
50) Toluene-d8	10.178	98	165073	53.962	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.920%
62) 4-Bromofluorobenzene	12.483	95	49630	48.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.140%

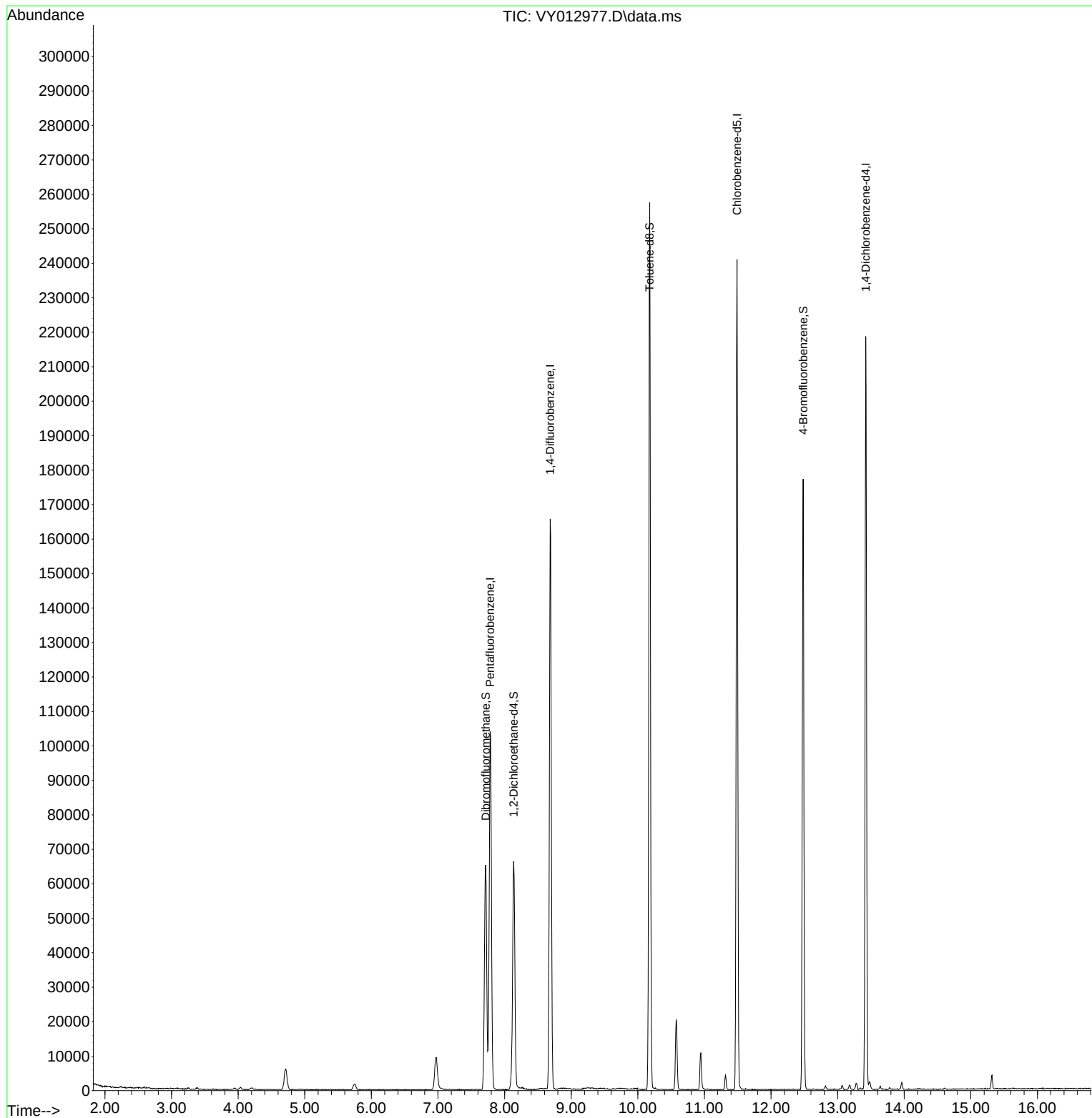
Target Compounds	Qvalue

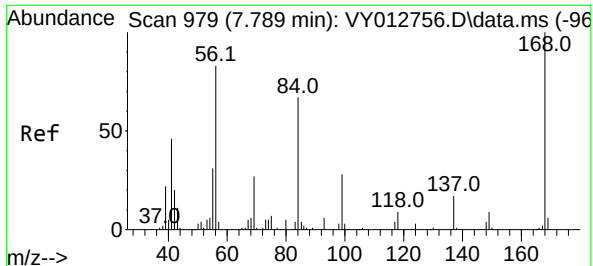
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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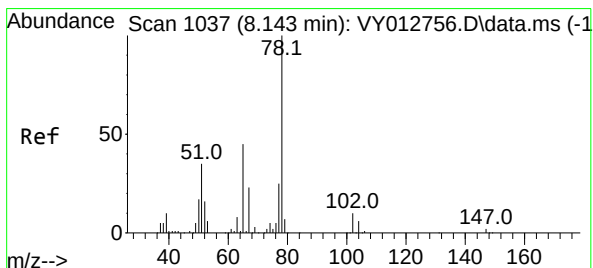
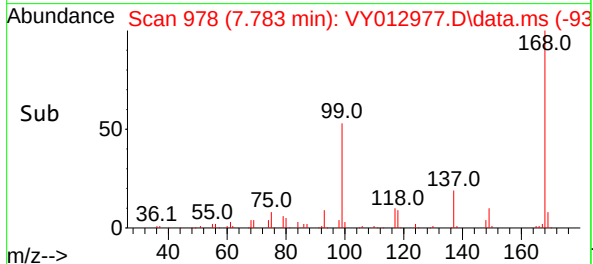
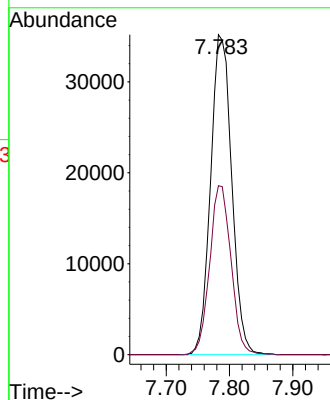
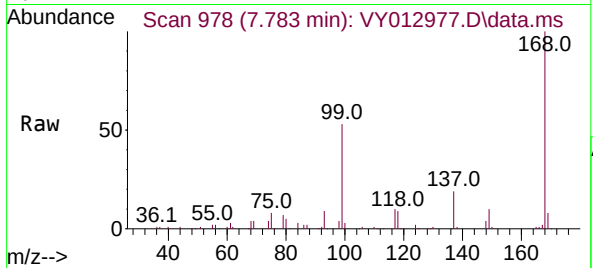




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012977.D
Acq: 16 Mar 2023 17:52

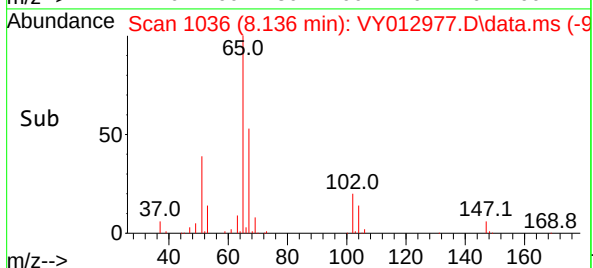
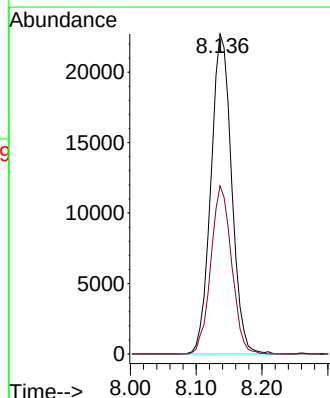
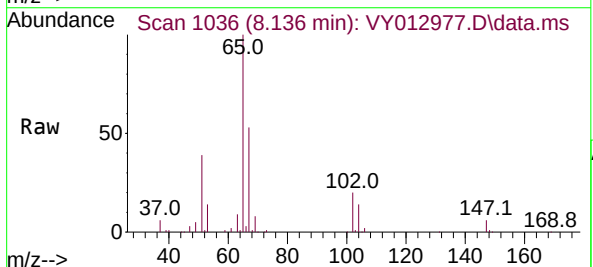
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-4

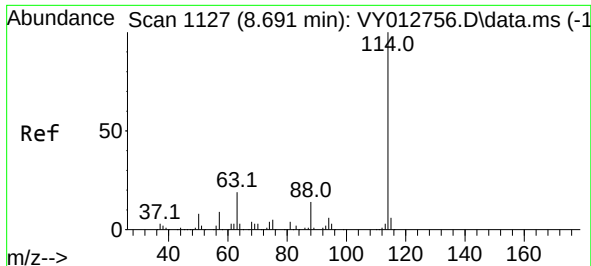
Tgt Ion:168 Resp: 81601
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 61.409 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012977.D
Acq: 16 Mar 2023 17:52

Tgt Ion: 65 Resp: 49753
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012977.D

Acq: 16 Mar 2023 17:52

Instrument :

MSVOA_Y

ClientSampleId :

MAPLE-4

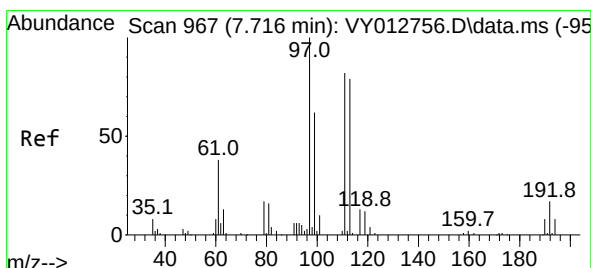
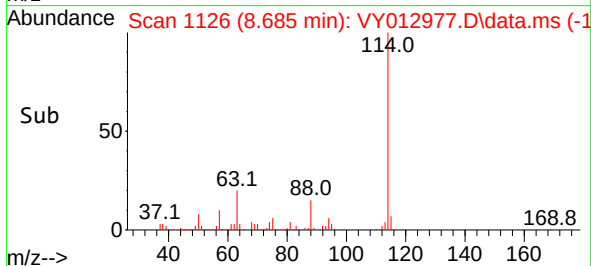
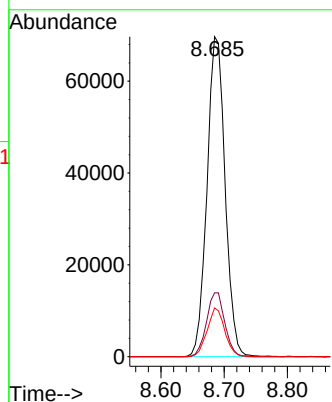
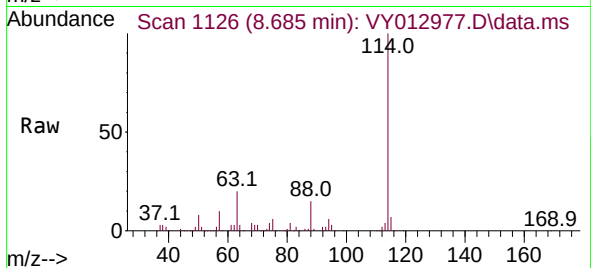
Tgt Ion:114 Resp: 138652

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.067 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012977.D

Acq: 16 Mar 2023 17:52

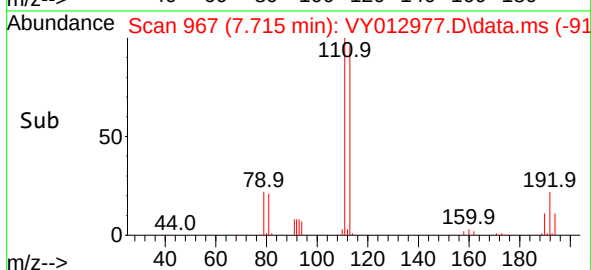
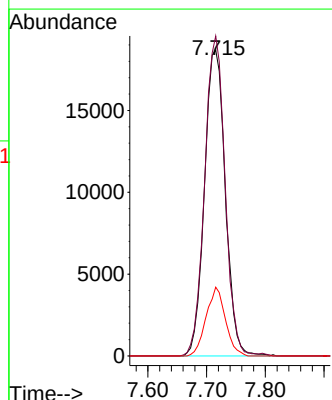
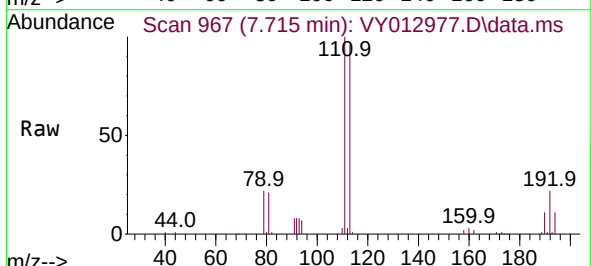
Tgt Ion:113 Resp: 46078

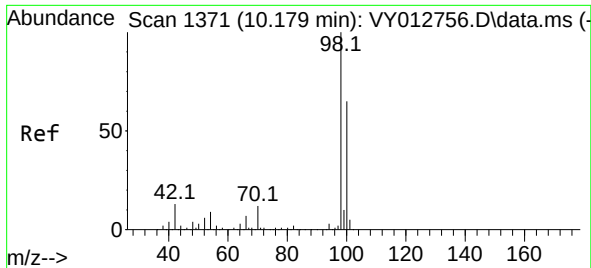
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 20.8 16.8 25.2

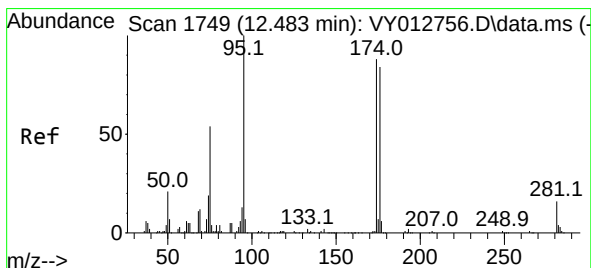
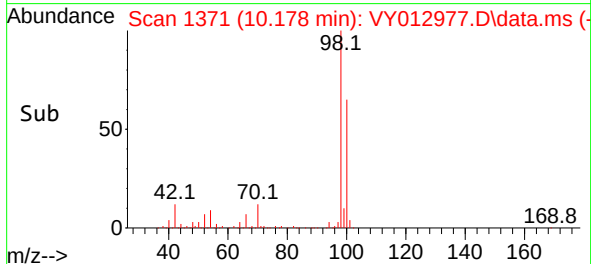
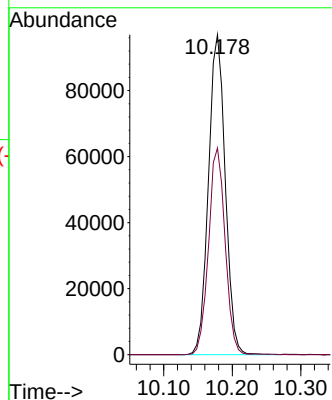
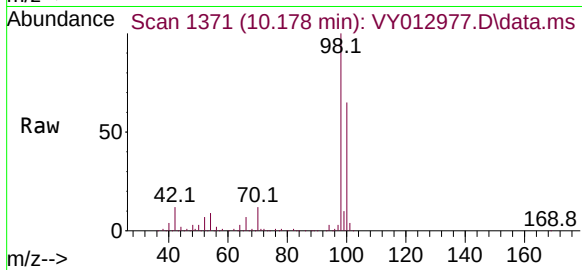




#50
Toluene-d8
Concen: 53.962 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012977.D
Acq: 16 Mar 2023 17:52

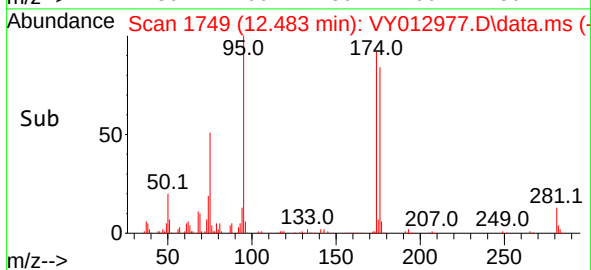
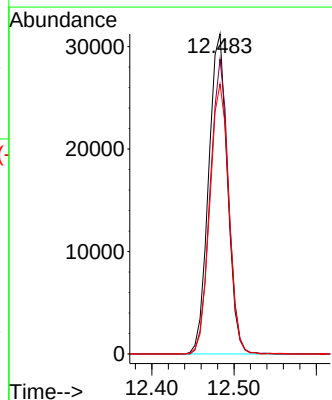
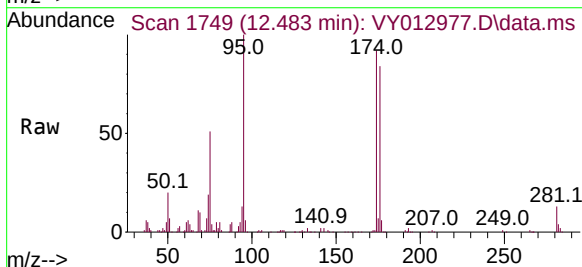
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-4

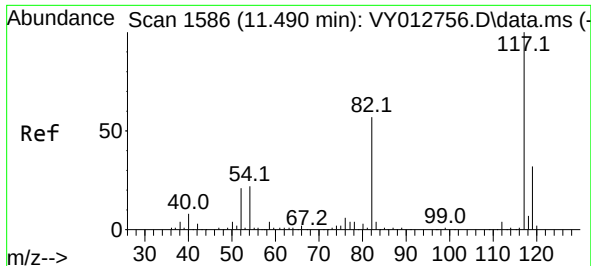
Tgt Ion: 98 Resp: 165073
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.068 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012977.D
Acq: 16 Mar 2023 17:52

Tgt Ion: 95 Resp: 49630
Ion Ratio Lower Upper
95 100
174 90.1 0.0 176.6
176 85.6 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: VY012977.D

Acq: 16 Mar 2023 17:52

Instrument :

MSVOA_Y

ClientSampleId :

MAPLE-4

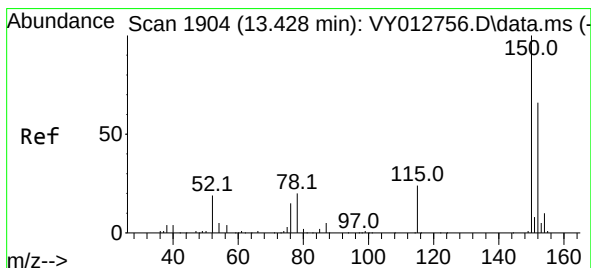
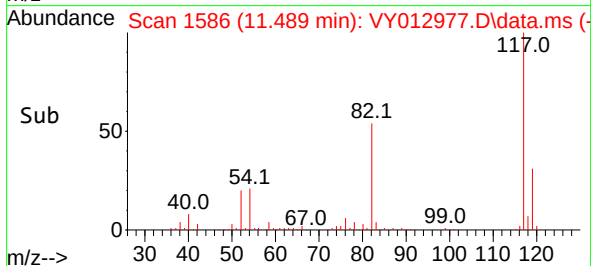
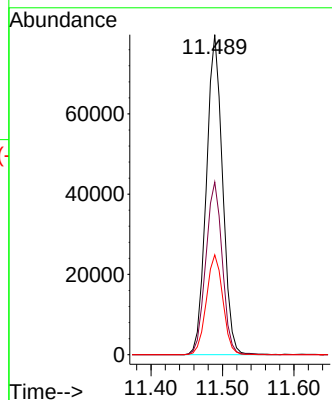
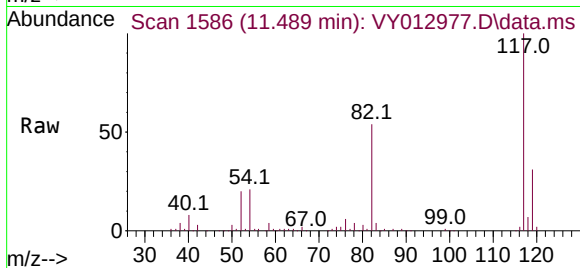
Tgt Ion:117 Resp: 125539

Ion Ratio Lower Upper

117 100

82 54.0 45.4 68.0

119 31.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012977.D

Acq: 16 Mar 2023 17:52

Tgt Ion:152 Resp: 56156

Ion Ratio Lower Upper

152 100

115 55.2 27.1 81.3

150 154.6 0.0 347.8

