

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012979.D
 Acq On : 16 Mar 2023 18:39
 Operator : KP/MD
 Sample : 01964-10
 Misc : 3.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAPLE-6

Quant Time: Mar 17 01:39:20 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	80870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	121541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49970	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	51096	63.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.280%
35) Dibromofluoromethane	7.716	113	45676	55.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.780%
50) Toluene-d8	10.179	98	164897	54.694	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.380%
62) 4-Bromofluorobenzene	12.483	95	45788	44.996	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.000%

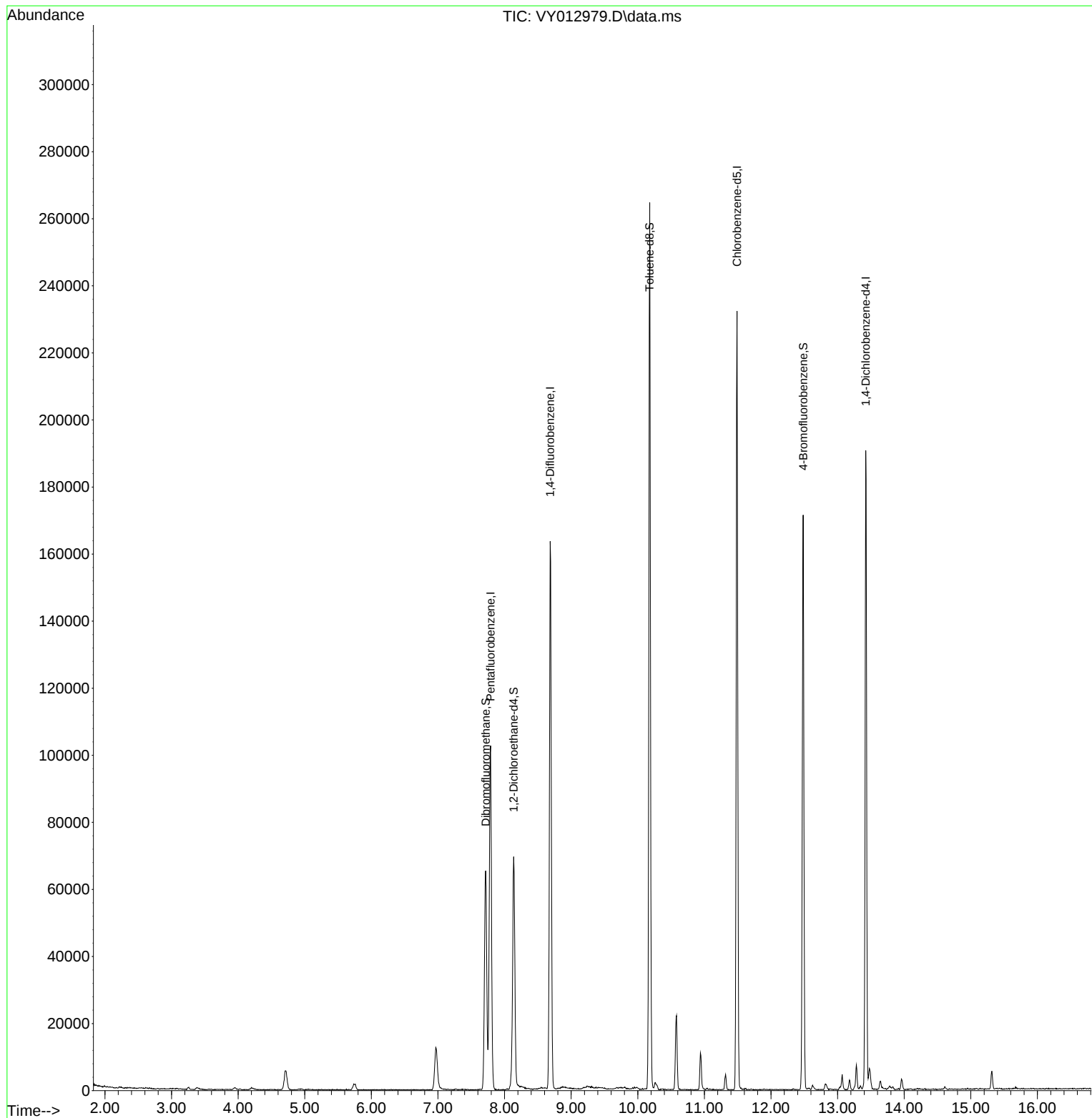
Target Compounds	Qvalue

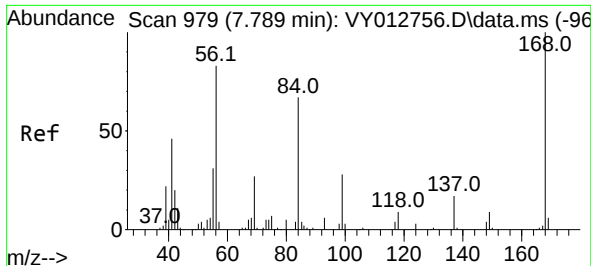
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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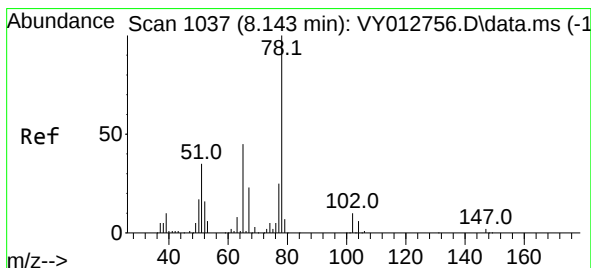
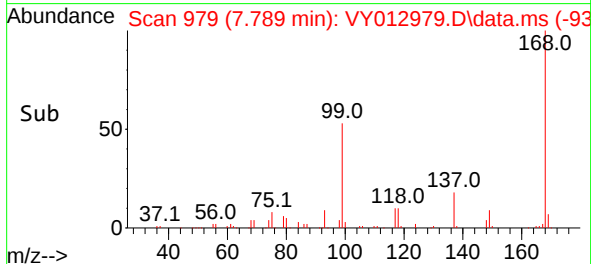
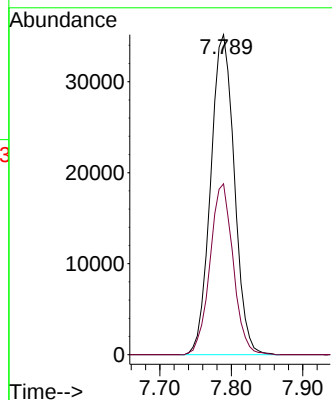
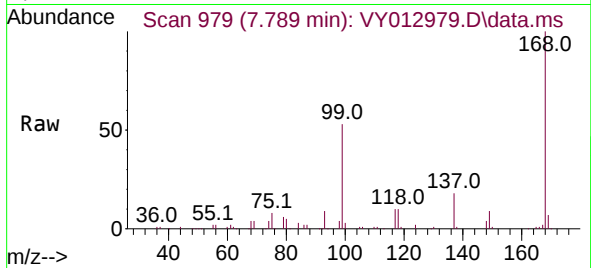




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012979.D
Acq: 16 Mar 2023 18:39

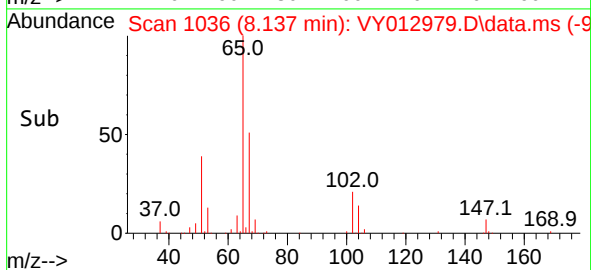
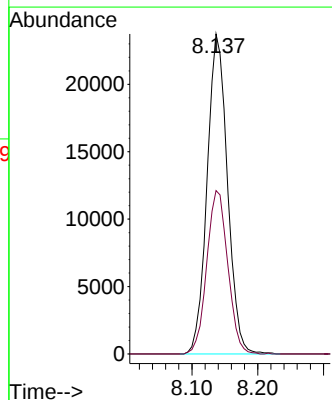
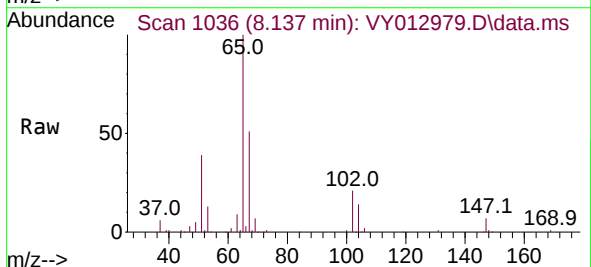
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-6

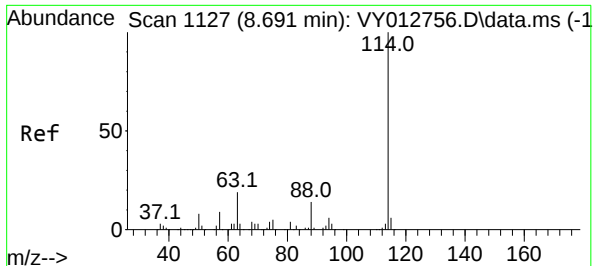
Tgt Ion:168 Resp: 80870
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 63.637 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012979.D
Acq: 16 Mar 2023 18:39

Tgt Ion: 65 Resp: 51096
Ion Ratio Lower Upper
65 100
67 52.6 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: VY012979.D

Acq: 16 Mar 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

MAPLE-6

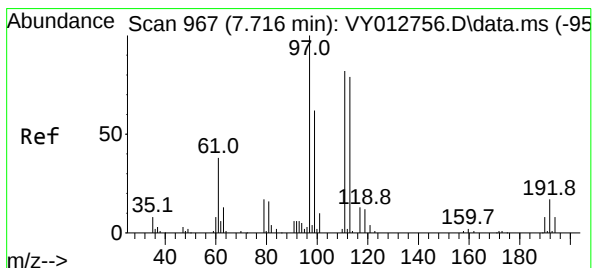
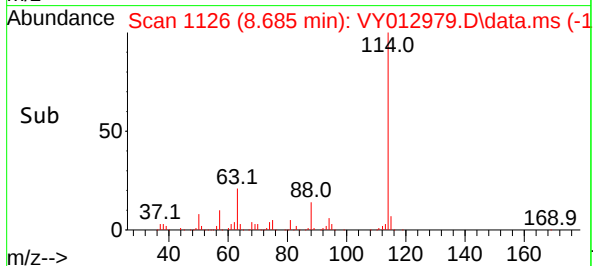
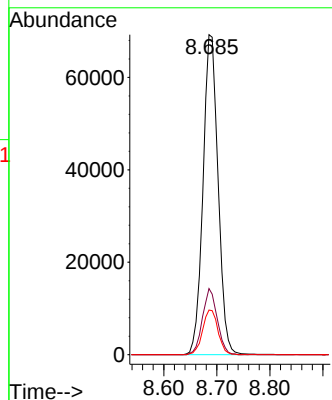
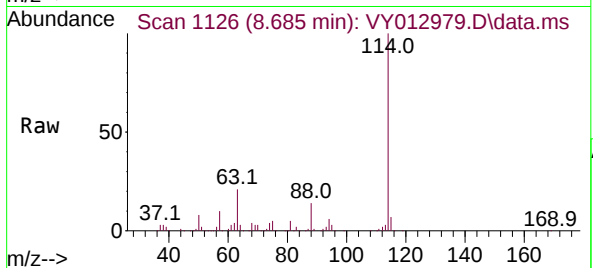
Tgt Ion:114 Resp: 136652

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 14.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.385 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012979.D

Acq: 16 Mar 2023 18:39

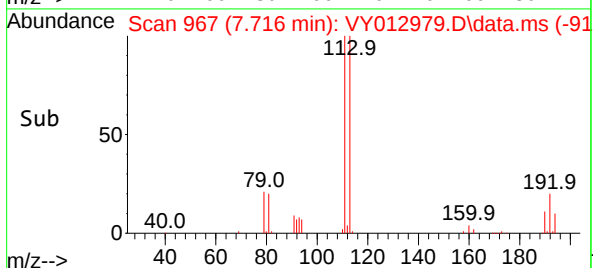
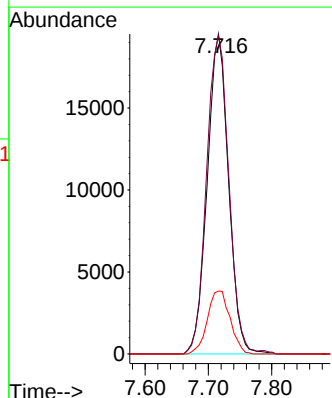
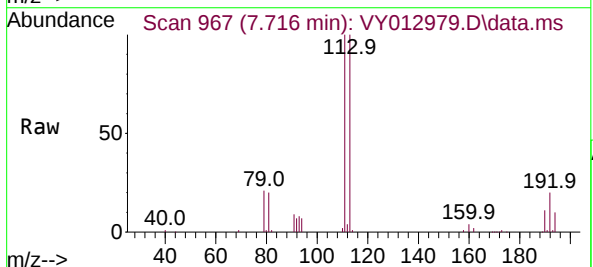
Tgt Ion:113 Resp: 45676

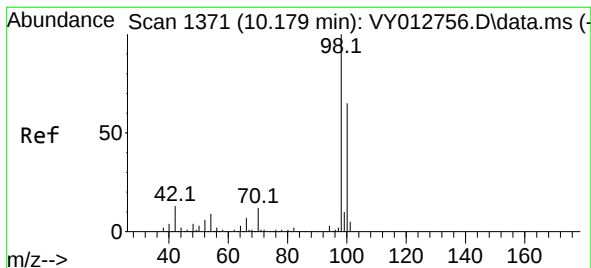
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.2

192 21.0 16.8 25.2





#50

Toluene-d8

Concen: 54.694 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012979.D

Acq: 16 Mar 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

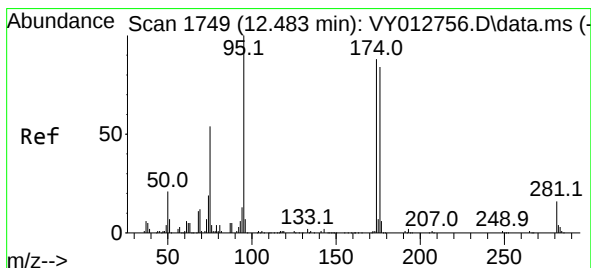
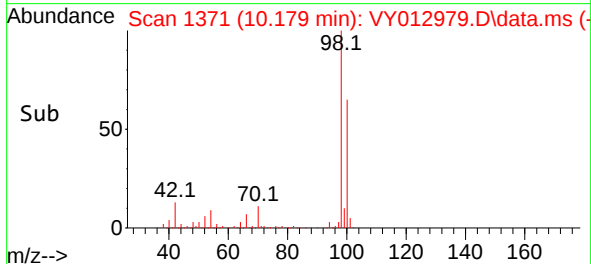
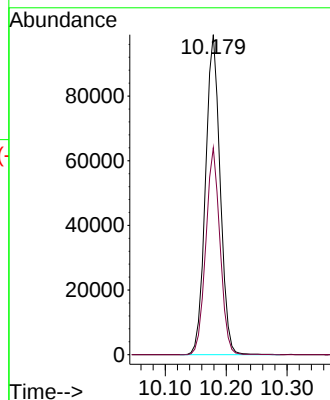
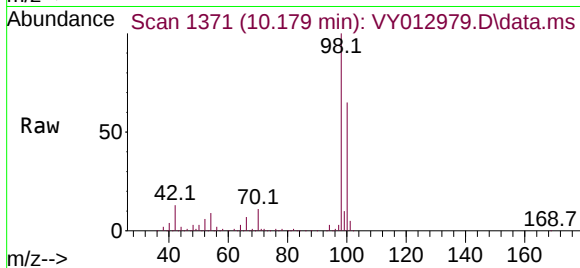
MAPLE-6

Tgt Ion: 98 Resp: 164897

Ion Ratio Lower Upper

98 100

100 62.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 44.996 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012979.D

Acq: 16 Mar 2023 18:39

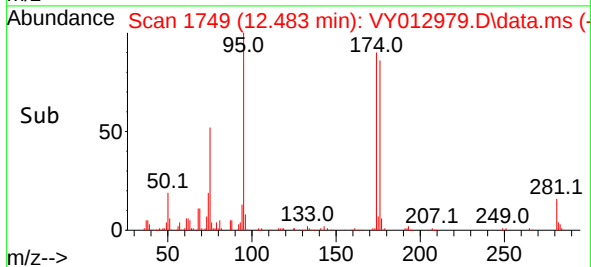
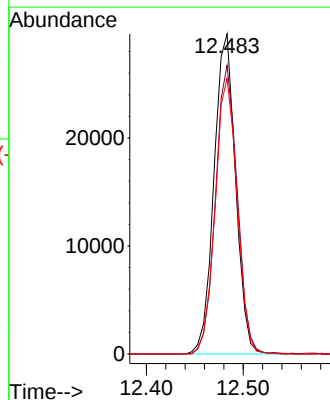
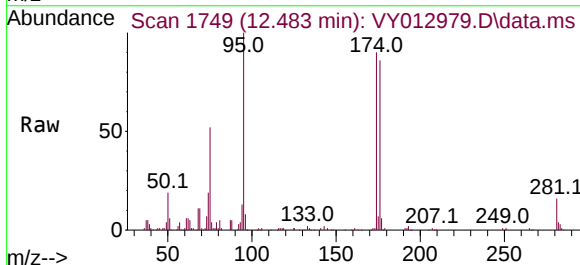
Tgt Ion: 95 Resp: 45788

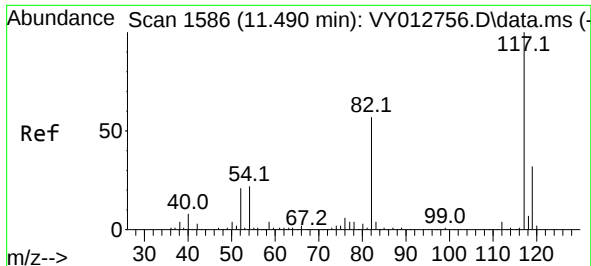
Ion Ratio Lower Upper

95 100

174 91.0 0.0 176.6

176 87.7 0.0 170.2

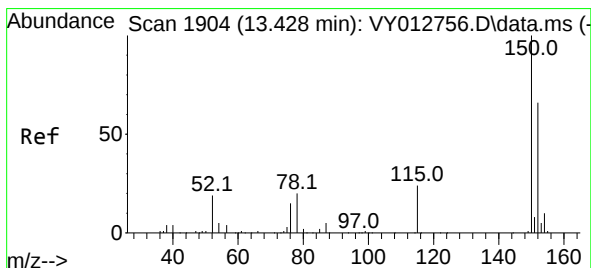
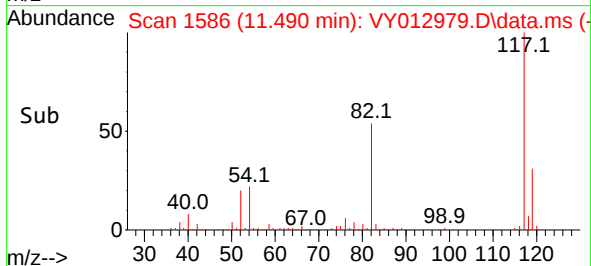
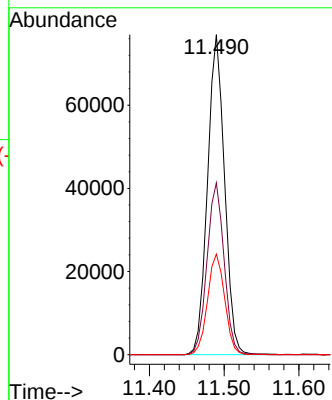
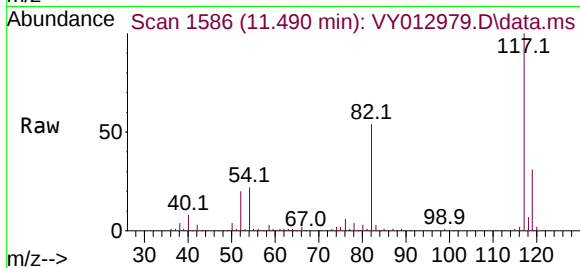




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012979.D
Acq: 16 Mar 2023 18:39

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-6

Tgt Ion:117 Resp: 121541
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.0
119 31.5 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: VY012979.D
Acq: 16 Mar 2023 18:39

Tgt Ion:152 Resp: 49970
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.3
150 152.2 0.0 347.8

