

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012596.D
 Acq On : 14 Feb 2023 18:32
 Operator : KP/MD
 Sample : 01552-06
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-4.0-6.0

Quant Time: Feb 15 01:33:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	149993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	256040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89029	46.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.360%
35) Dibromofluoromethane	7.716	113	75375	40.923	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.840%
50) Toluene-d8	10.179	98	298567	38.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.880%
62) 4-Bromofluorobenzene	12.477	95	101703	38.033	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.060%

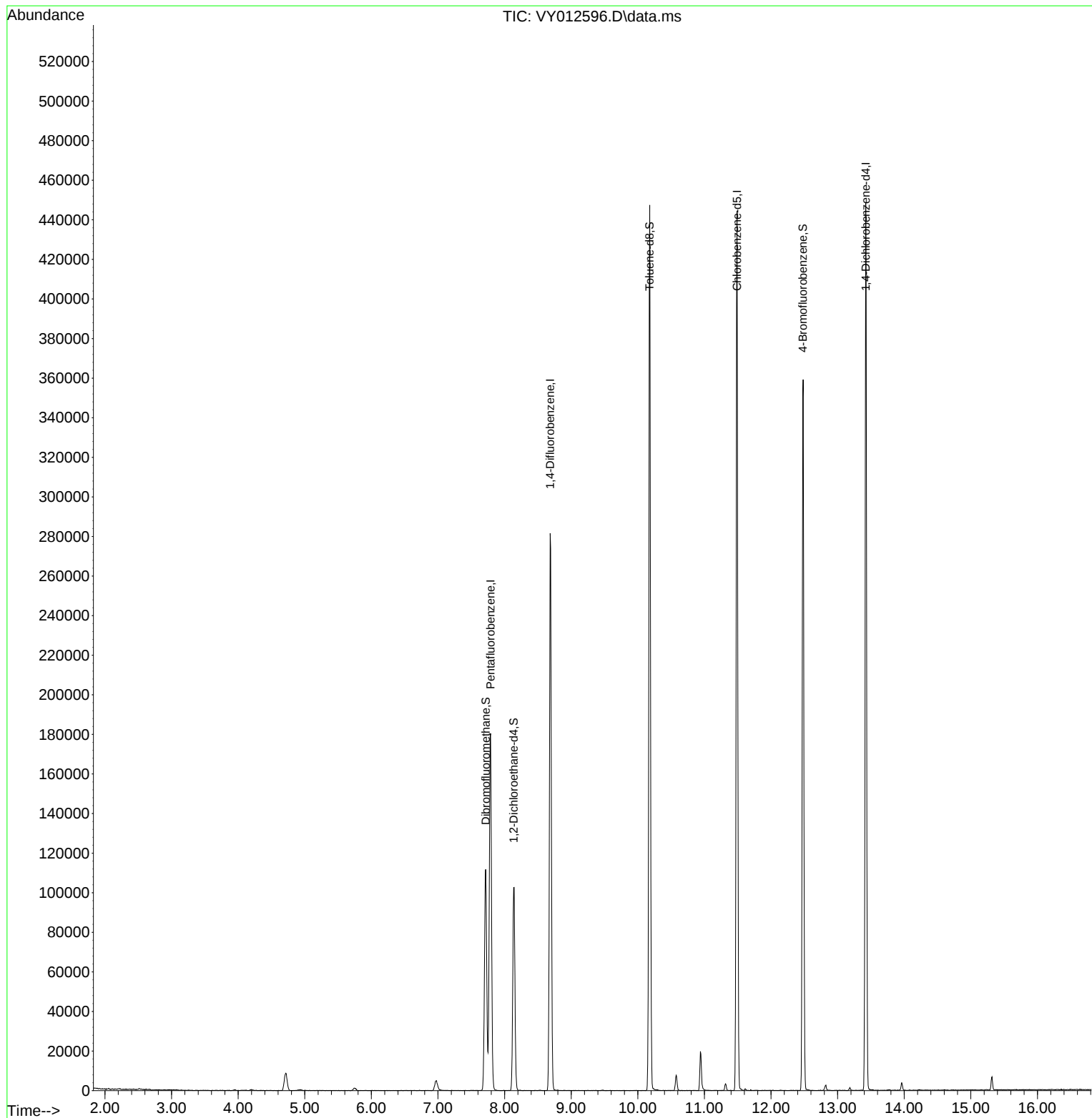
Target Compounds	Qvalue

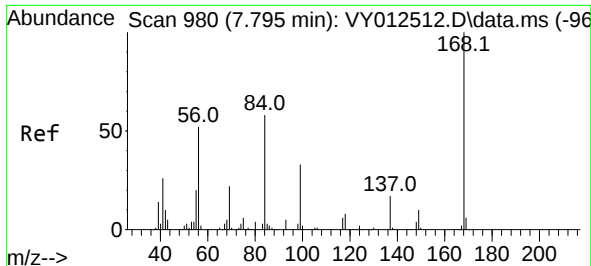
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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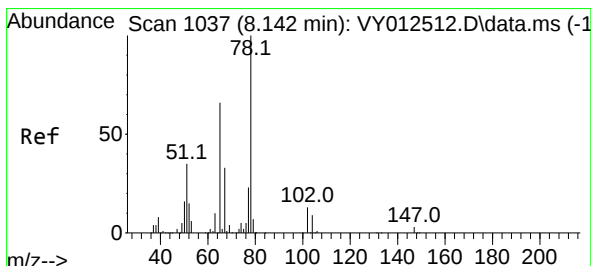
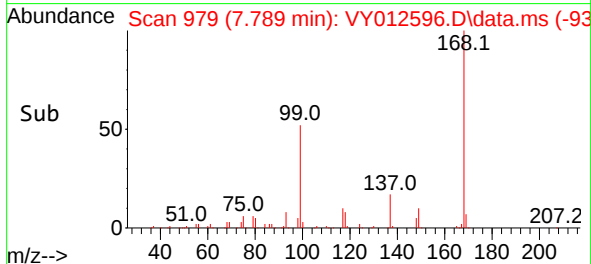
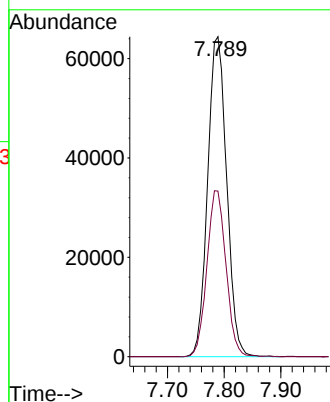
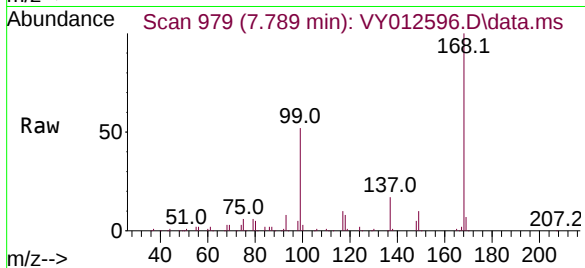




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

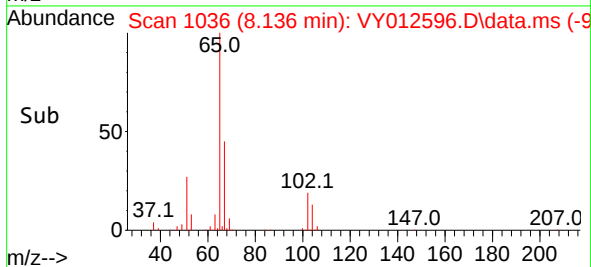
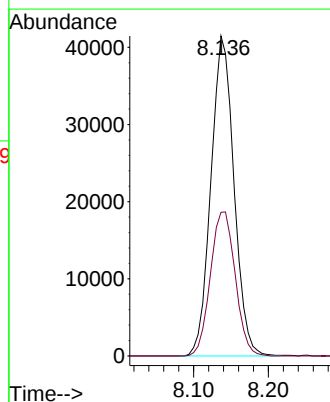
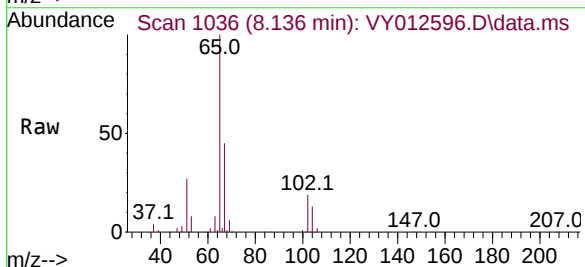
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-4.0-6.0

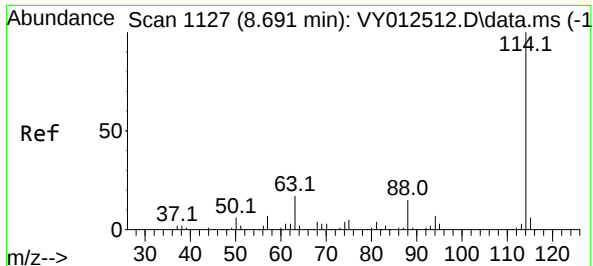
Tgt Ion:168 Resp: 149993
Ion Ratio Lower Upper
168 100
99 51.8 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 46.677 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

Tgt Ion: 65 Resp: 89029
Ion Ratio Lower Upper
65 100
67 48.4 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012596.D

Acq: 14 Feb 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-4.0-6.0

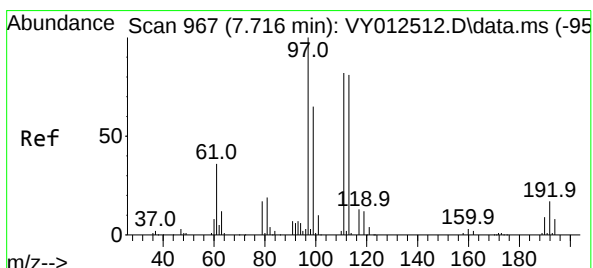
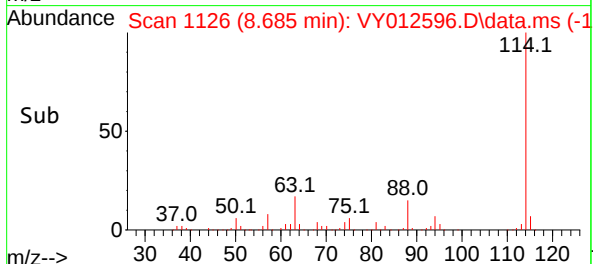
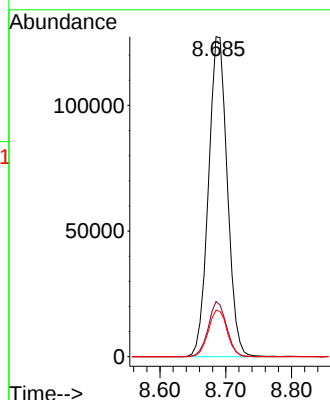
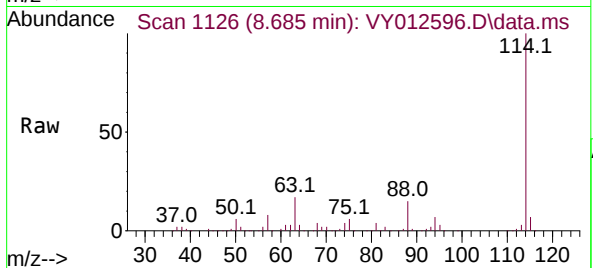
Tgt Ion:114 Resp: 252916

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.6

88 14.5 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.923 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012596.D

Acq: 14 Feb 2023 18:32

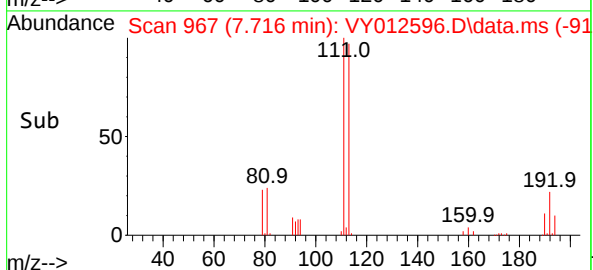
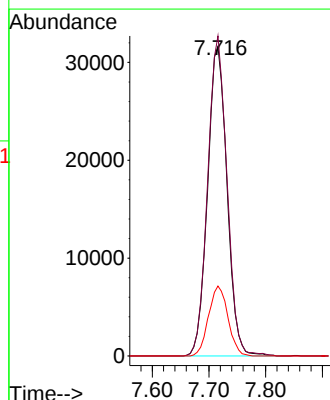
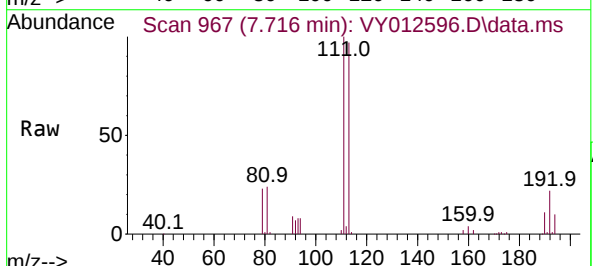
Tgt Ion:113 Resp: 75375

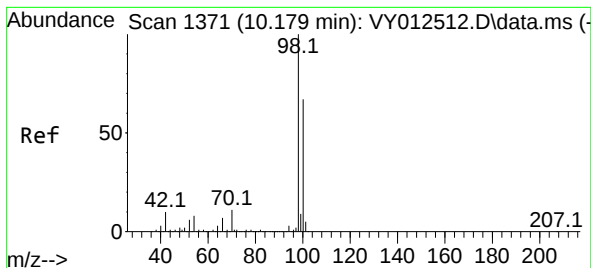
Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

192 22.5 17.5 26.3





#50

Toluene-d8

Concen: 38.945 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012596.D

Acq: 14 Feb 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

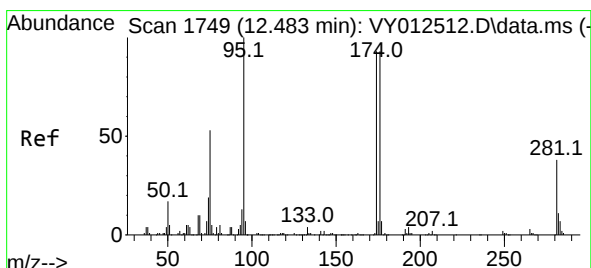
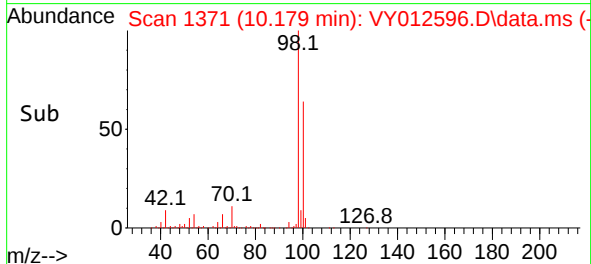
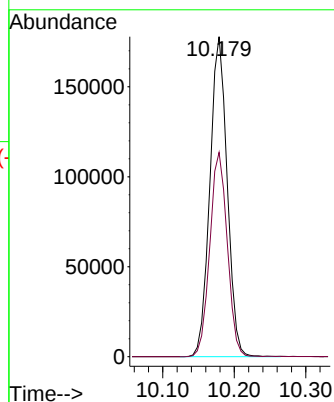
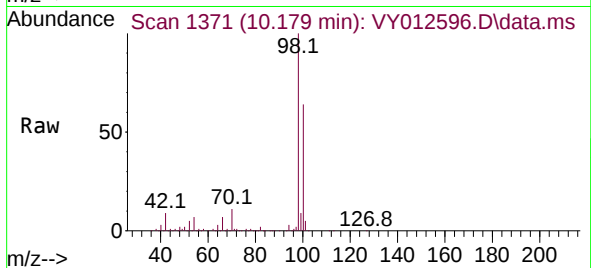
SB-03-4.0-6.0

Tgt Ion: 98 Resp: 298567

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 38.033 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY012596.D

Acq: 14 Feb 2023 18:32

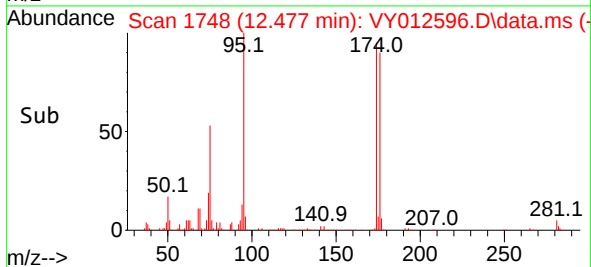
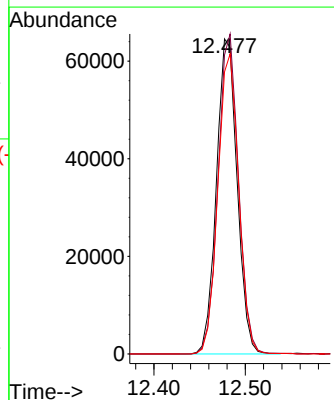
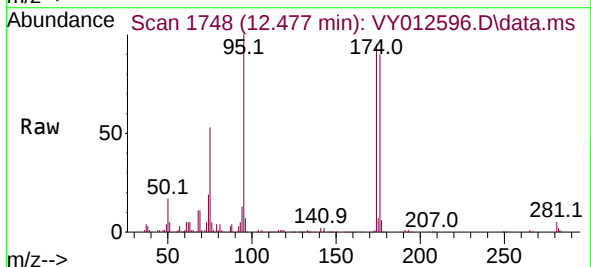
Tgt Ion: 95 Resp: 101703

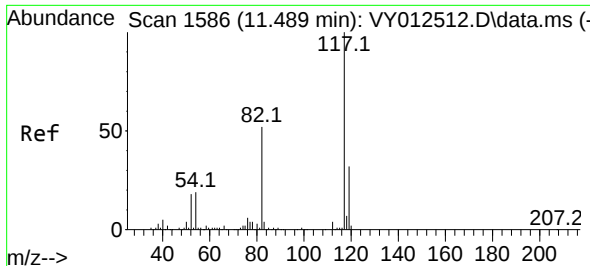
Ion Ratio Lower Upper

95 100

174 100.2 0.0 188.0

176 95.7 0.0 183.6

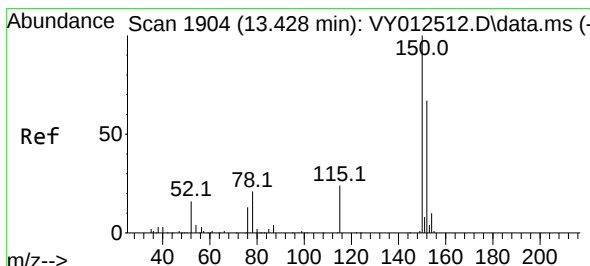
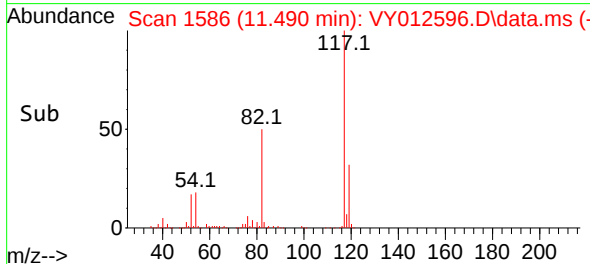
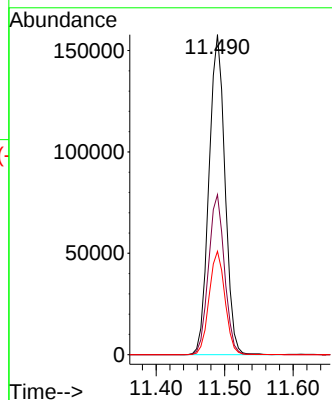
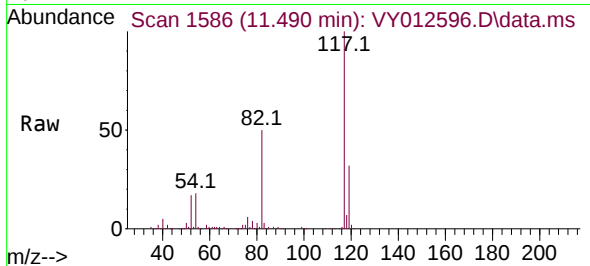




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-4.0-6.0

Tgt Ion:117 Resp: 256040
Ion Ratio Lower Upper
117 100
82 50.0 41.7 62.5
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012596.D
Acq: 14 Feb 2023 18:32

Tgt Ion:152 Resp: 121586
Ion Ratio Lower Upper
152 100
115 55.6 28.1 84.3
150 156.3 0.0 351.0

