

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021623\
 Data File : VY012636.D
 Acq On : 16 Feb 2023 16:51
 Operator : KP/MD
 Sample : 01581-04
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-C

Quant Time: Feb 16 21:59:41 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)

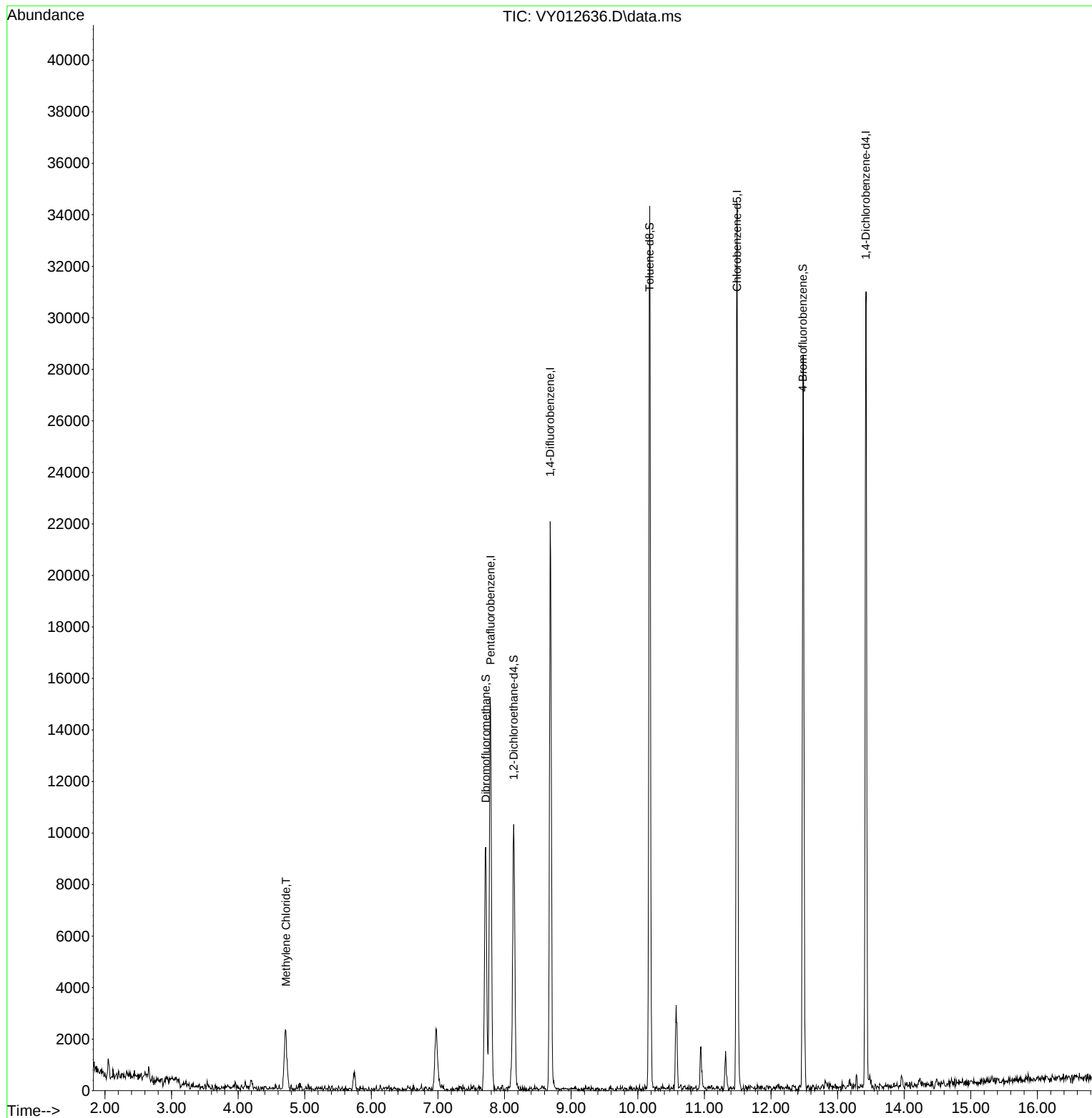
Internal Standards						
1) Pentafluorobenzene	7.789	168	13238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	20926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	20738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	8642	51.337	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	102.680%	
35) Dibromofluoromethane	7.716	113	6562	43.059	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	86.120%	
50) Toluene-d8	10.179	98	24270	38.262	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	76.520%	
62) 4-Bromofluorobenzene	12.477	95	7760	35.073	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	70.140%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	1986	9.724	ug/l	96

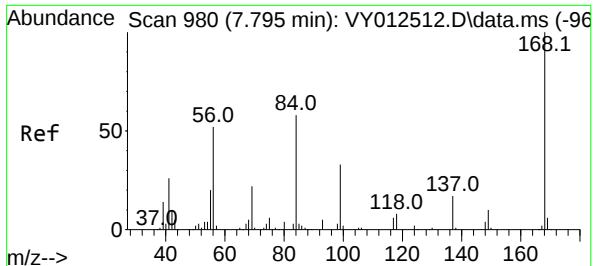
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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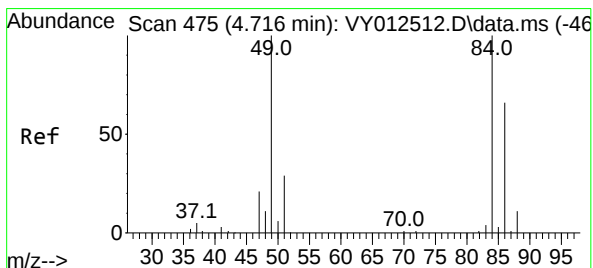
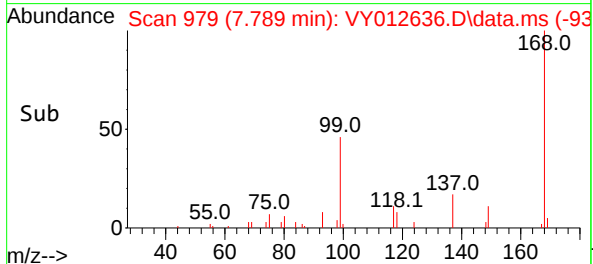
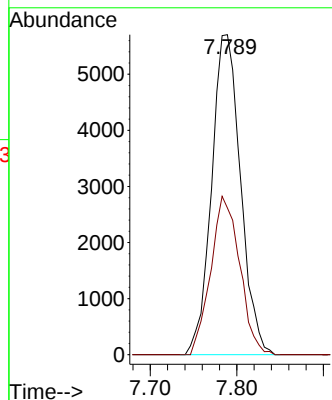
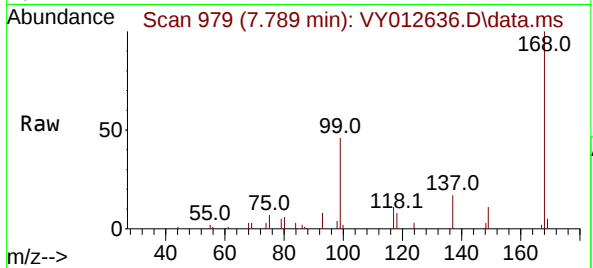




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012636.D
Acq: 16 Feb 2023 16:51

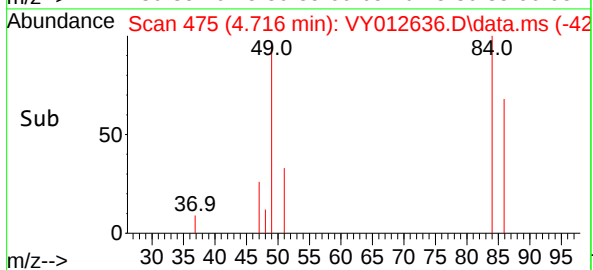
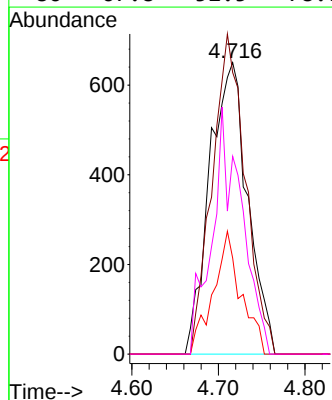
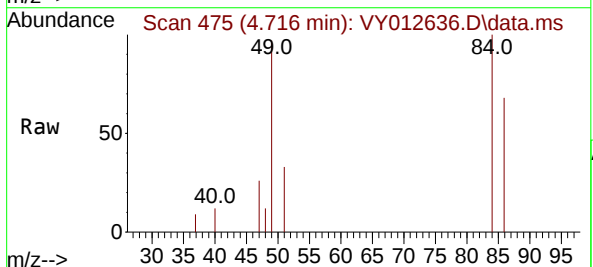
Instrument :
MSVOA_Y
ClientSampleId :
MH-C

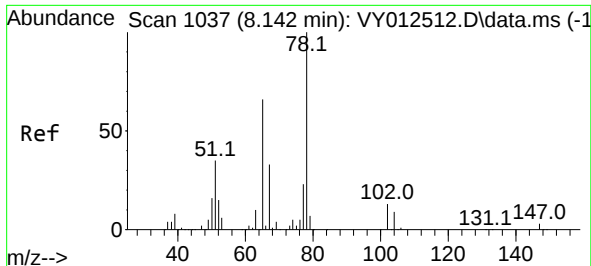
Tgt Ion:168 Resp: 13238
Ion Ratio Lower Upper
168 100
99 45.8 40.8 61.2



#20
Methylene Chloride
Concen: 9.724 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012636.D
Acq: 16 Feb 2023 16:51

Tgt Ion: 84 Resp: 1986
Ion Ratio Lower Upper
84 100
49 96.6 79.8 119.6
51 32.9 23.4 35.2
86 67.8 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 51.337 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012636.D

Acq: 16 Feb 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

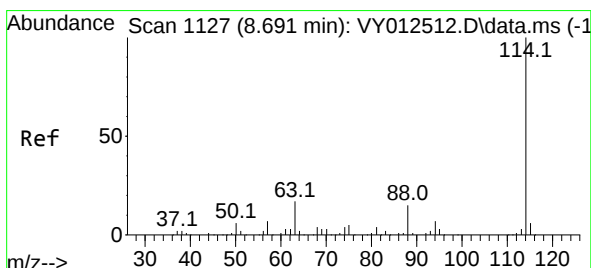
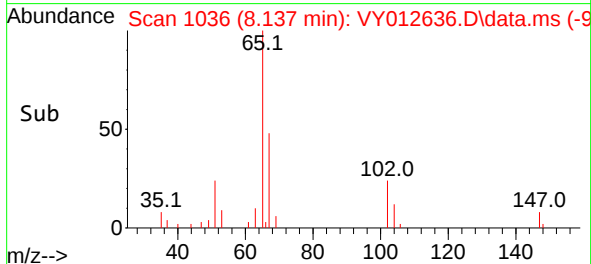
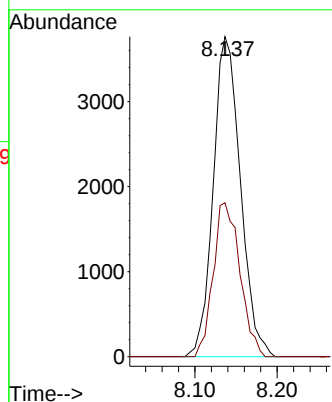
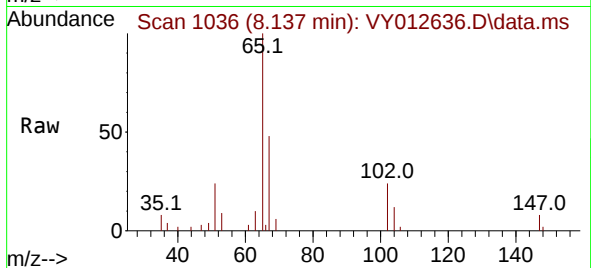
MH-C

Tgt Ion: 65 Resp: 8642

Ion Ratio Lower Upper

65 100

67 47.1 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: VY012636.D

Acq: 16 Feb 2023 16:51

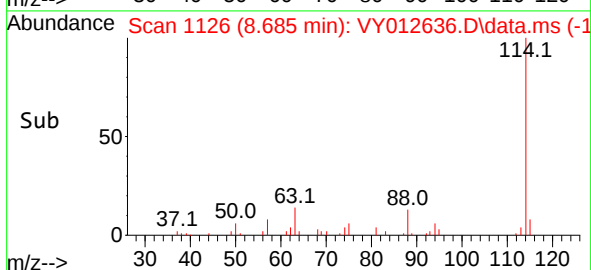
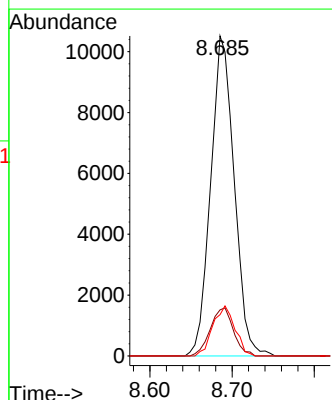
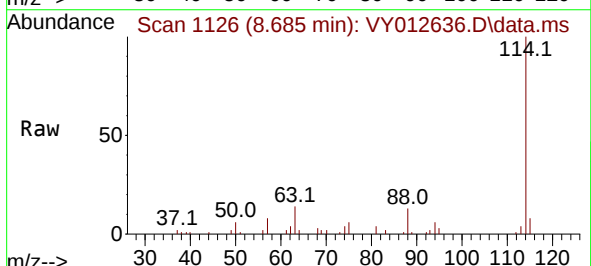
Tgt Ion: 114 Resp: 20926

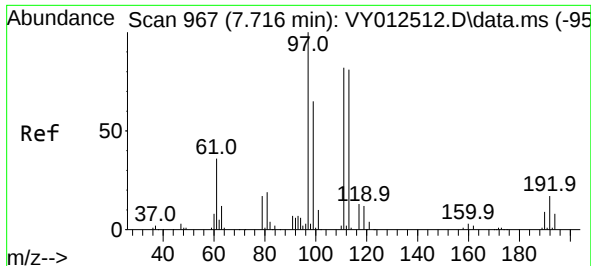
Ion Ratio Lower Upper

114 100

63 14.4 0.0 33.6

88 12.9 0.0 29.8

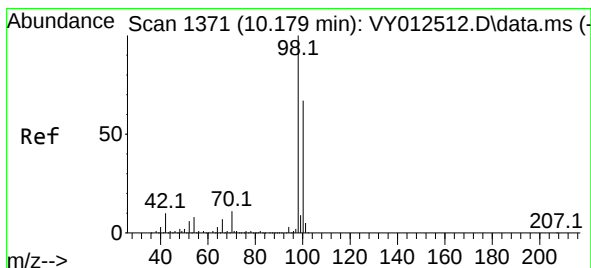
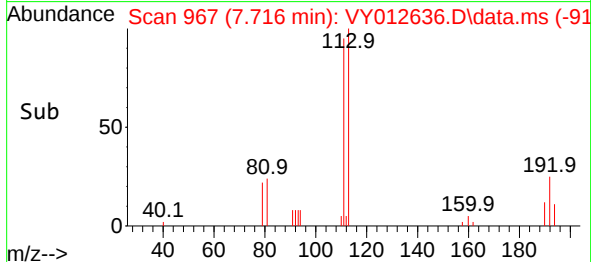
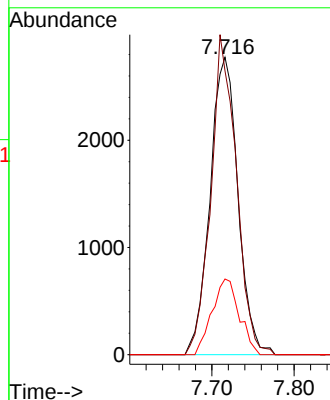
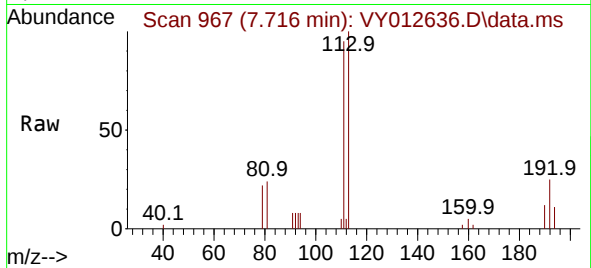




#35
Dibromofluoromethane
Concen: 43.059 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012636.D
Acq: 16 Feb 2023 16:51

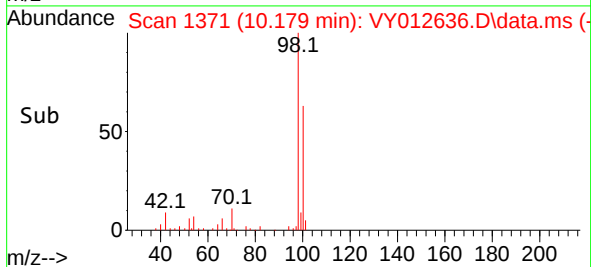
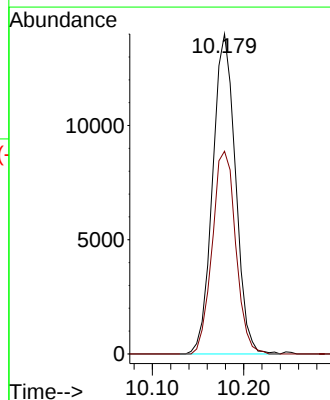
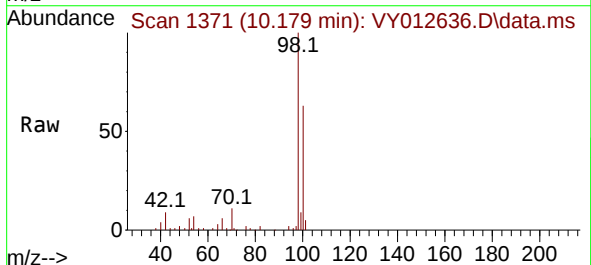
Instrument :
MSVOA_Y
ClientSampleId :
MH-C

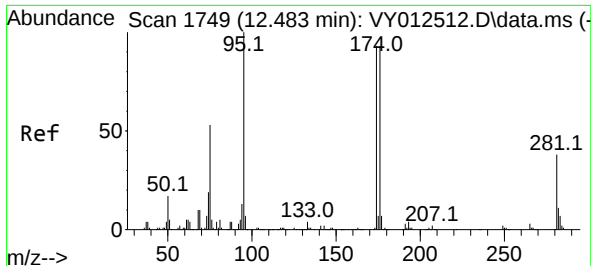
Tgt Ion:113 Resp: 6562
Ion Ratio Lower Upper
113 100
111 97.8 81.9 122.9
192 24.7 17.5 26.3



#50
Toluene-d8
Concen: 38.262 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012636.D
Acq: 16 Feb 2023 16:51

Tgt Ion: 98 Resp: 24270
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 35.073 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012636.D

Acq: 16 Feb 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

MH-C

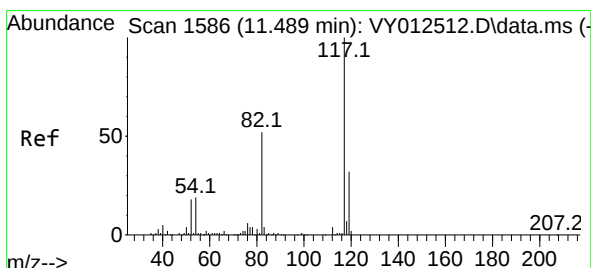
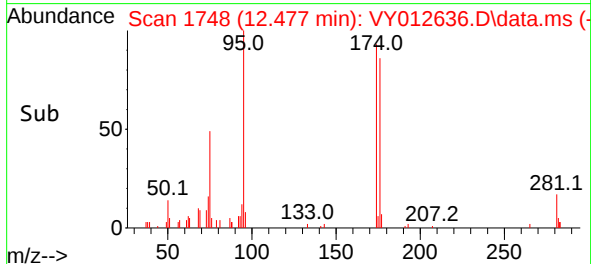
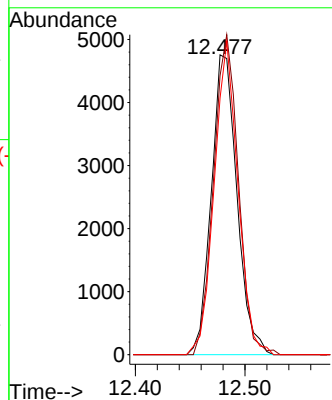
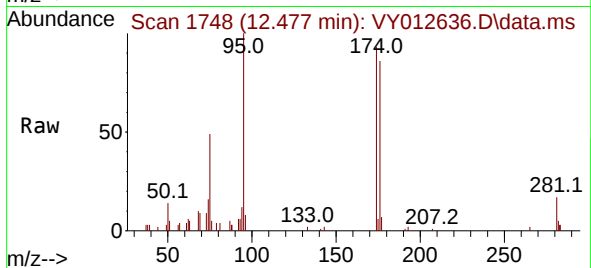
Tgt Ion: 95 Resp: 7760

Ion Ratio Lower Upper

95 100

174 102.5 0.0 188.0

176 96.7 0.0 183.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY012636.D

Acq: 16 Feb 2023 16:51

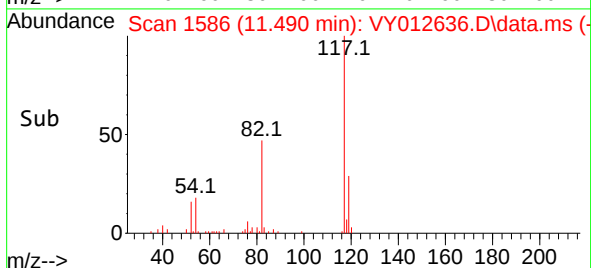
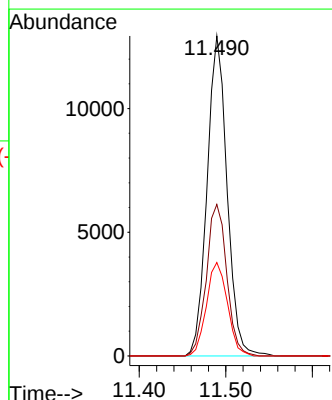
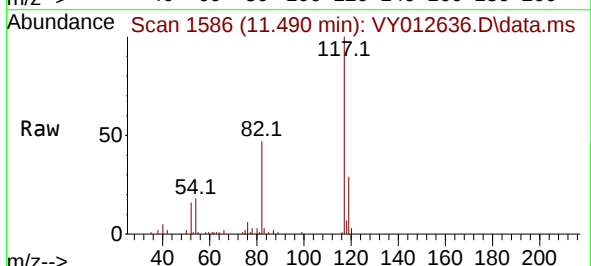
Tgt Ion: 117 Resp: 20738

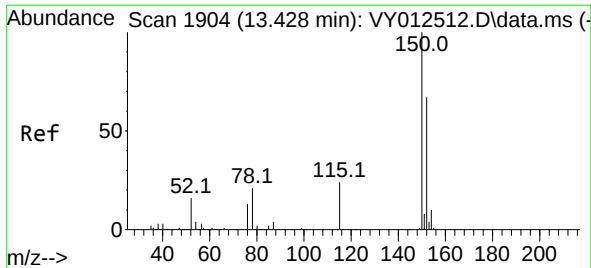
Ion Ratio Lower Upper

117 100

82 47.3 41.7 62.5

119 29.2 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: VY012636.D

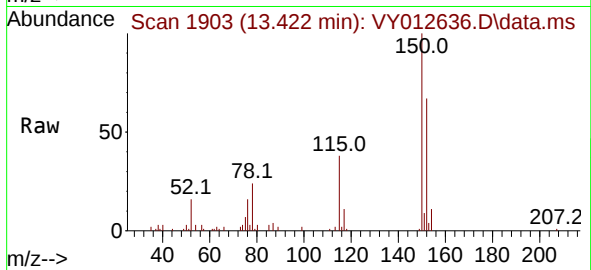
Acq: 16 Feb 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

MH-C



Tgt Ion:152 Resp: 9456

Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.3

150 157.0 0.0 351.0

