

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009755.D
 Acq On : 28 Jul 2022 16:48
 Operator : KP/MD
 Sample : N3948-01
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHA

Quant Time: Jul 29 02:57:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	160638	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	278543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	272151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133872	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	67337	64.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.940%
35) Dibromofluoromethane	7.710	113	63199	41.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.440%
50) Toluene-d8	10.173	98	228094	51.856	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.477	95	70837	35.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	70.520%

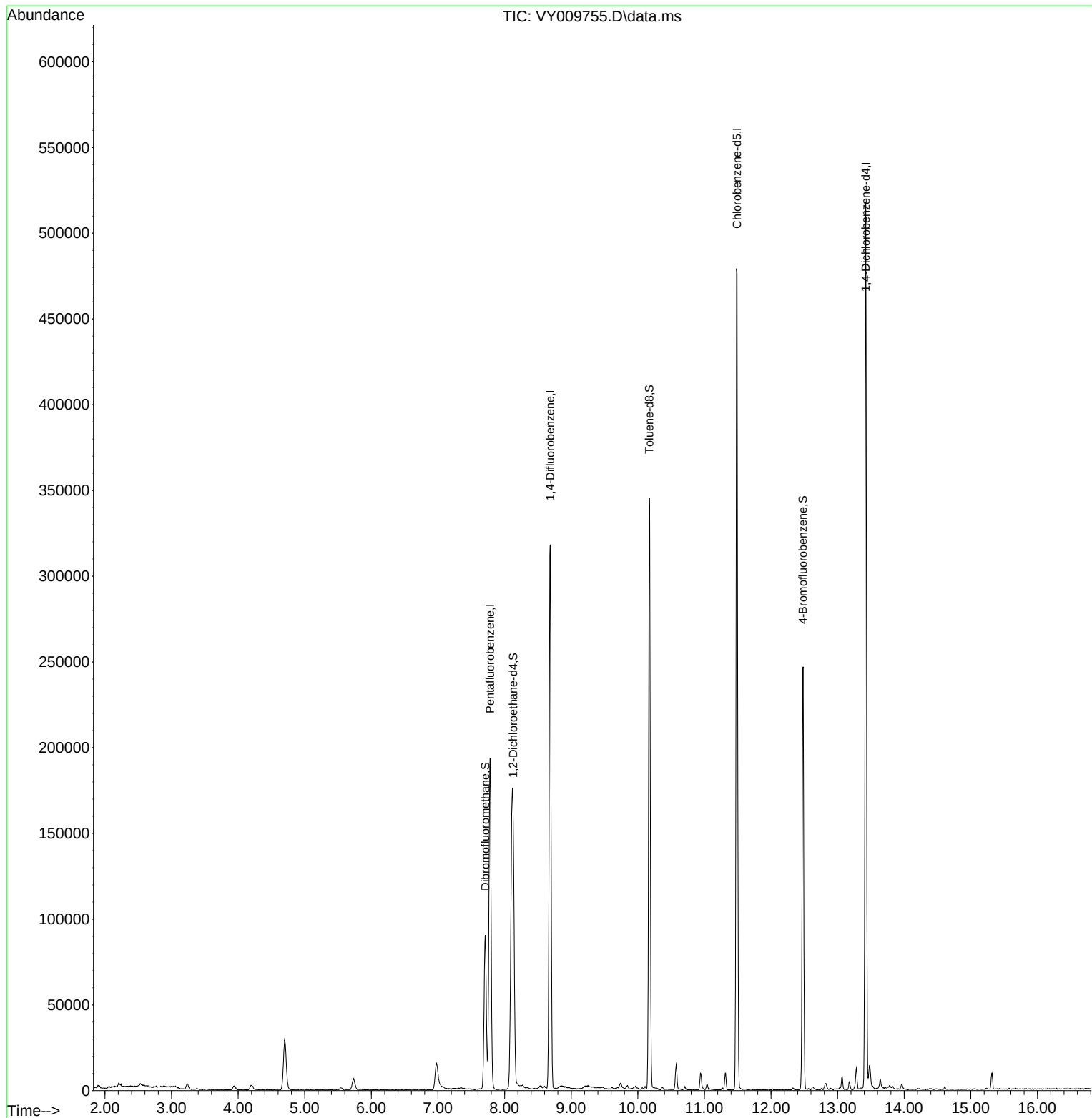
Target Compounds	Qvalue

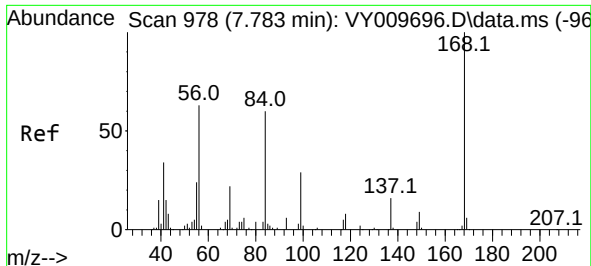
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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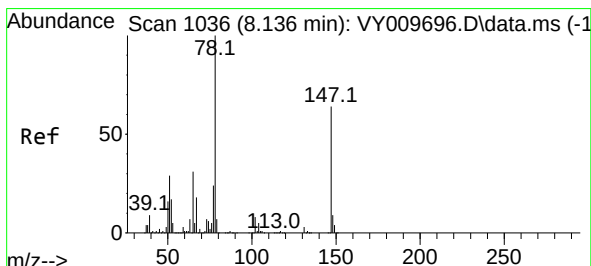
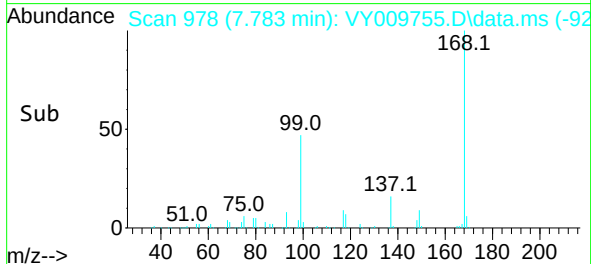
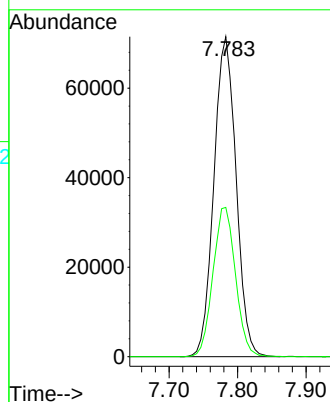
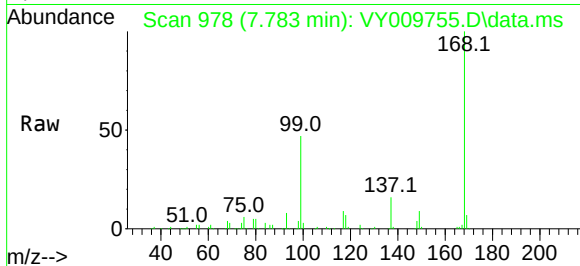




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009755.D
Acq: 28 Jul 2022 16:48

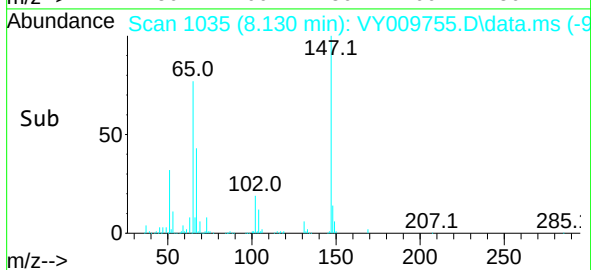
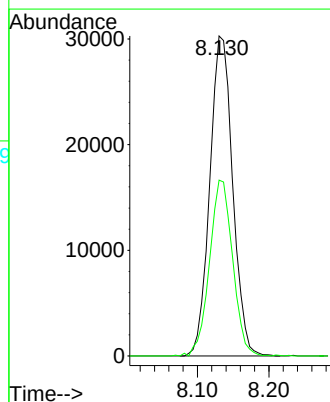
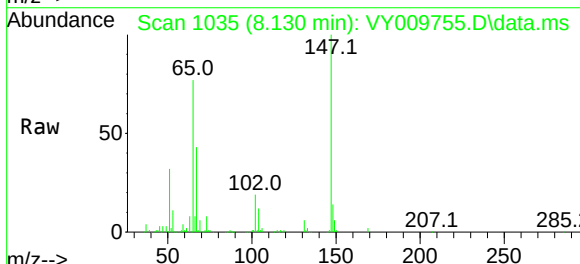
Instrument :
MSVOA_Y
ClientSampleId :
MHA

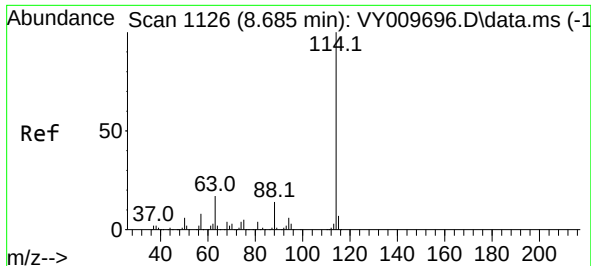
Tgt Ion:168 Resp: 160638
Ion Ratio Lower Upper
168 100
99 46.7 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 64.472 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009755.D
Acq: 28 Jul 2022 16:48

Tgt Ion: 65 Resp: 67337
Ion Ratio Lower Upper
65 100
67 55.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009755.D

Acq: 28 Jul 2022 16:48

Instrument :

MSVOA_Y

ClientSampleId :

MHA

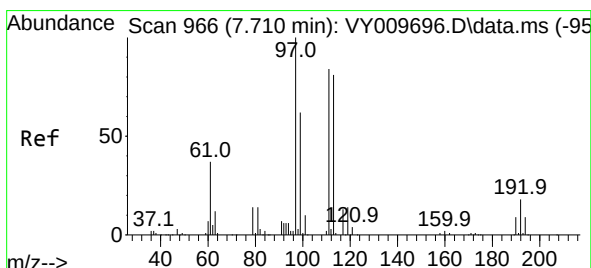
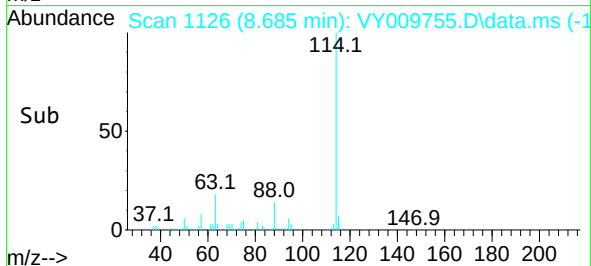
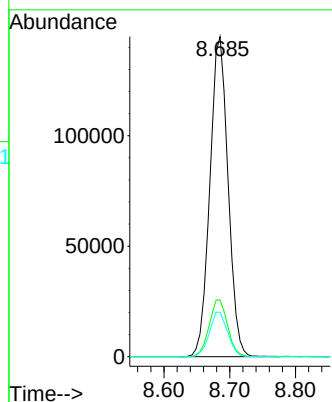
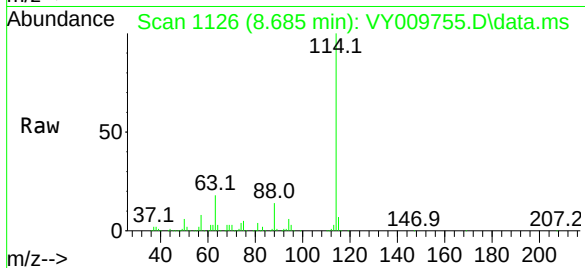
Tgt Ion:114 Resp: 278543

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.718 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009755.D

Acq: 28 Jul 2022 16:48

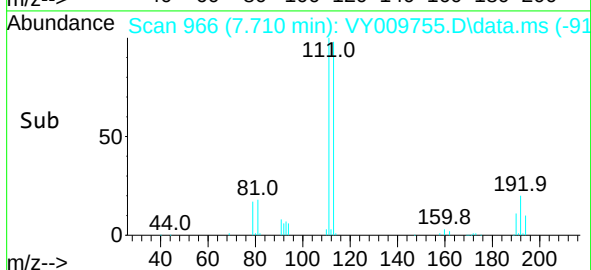
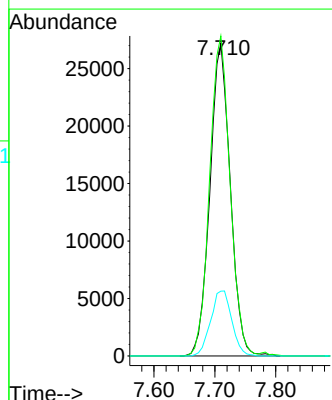
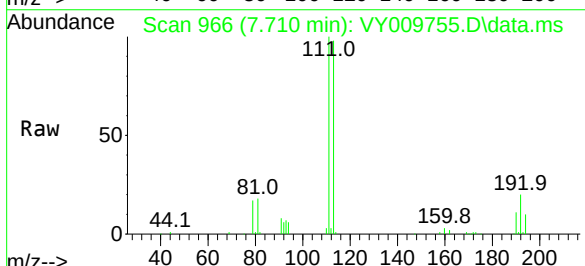
Tgt Ion:113 Resp: 63199

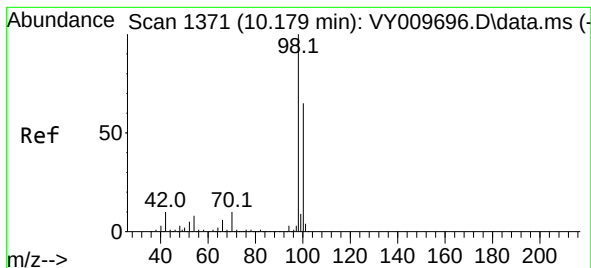
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 21.6 17.6 26.4





#50

Toluene-d8

Concen: 51.856 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009755.D

Acq: 28 Jul 2022 16:48

Instrument :

MSVOA_Y

ClientSampleId :

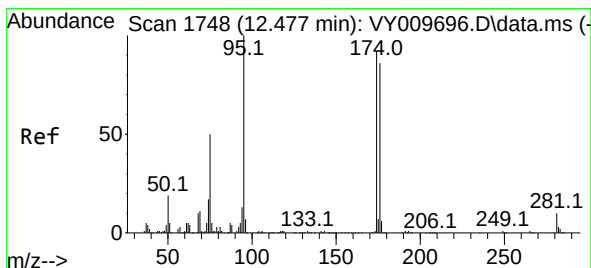
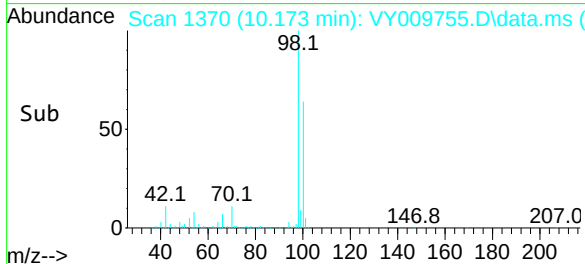
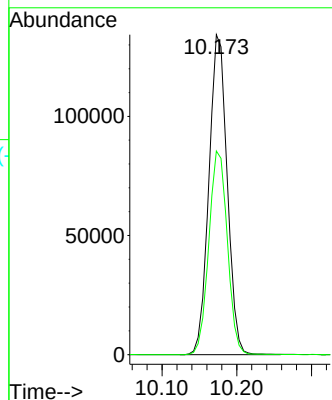
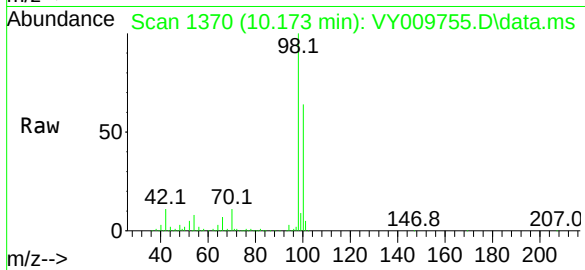
MHA

Tgt Ion: 98 Resp: 228094

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 35.264 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009755.D

Acq: 28 Jul 2022 16:48

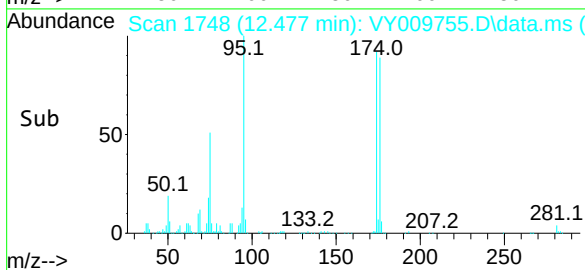
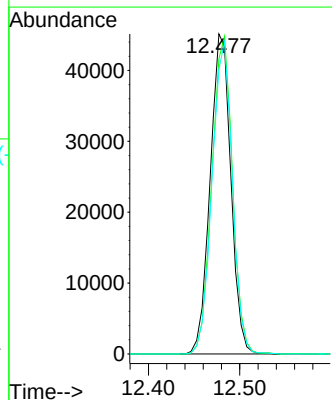
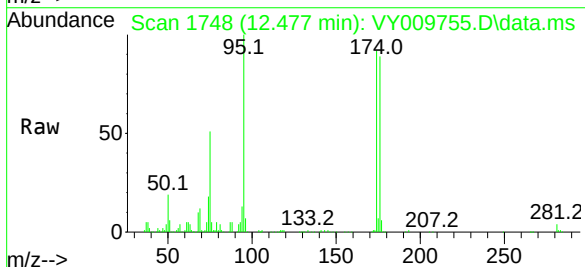
Tgt Ion: 95 Resp: 70837

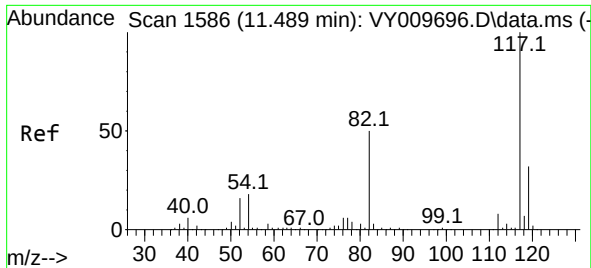
Ion Ratio Lower Upper

95 100

174 98.9 0.0 177.0

176 95.9 0.0 175.8

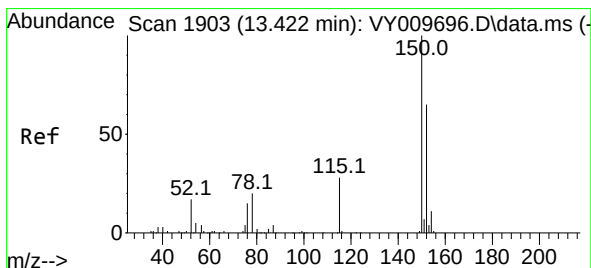
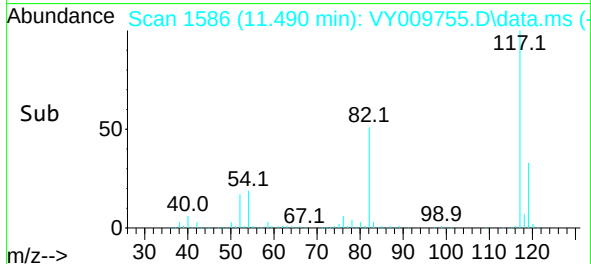
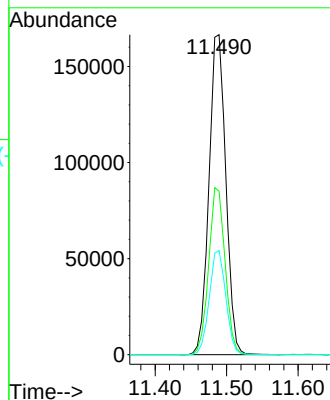
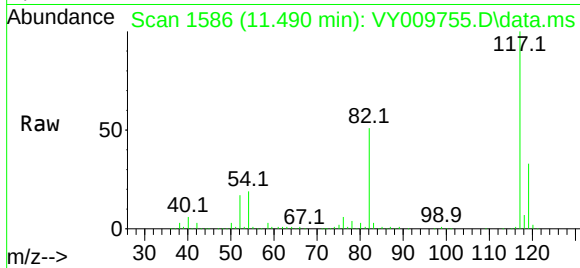




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009755.D
Acq: 28 Jul 2022 16:48

Instrument :
MSVOA_Y
ClientSampleId :
MHA

Tgt Ion:117 Resp: 272151
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009755.D
Acq: 28 Jul 2022 16:48

Tgt Ion:152 Resp: 133872
Ion Ratio Lower Upper
152 100
115 53.3 28.2 84.7
150 157.8 0.0 347.6

