

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
 Data File : VY017796.D
 Acq On : 29 Mar 2024 17:22
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 30 05:47:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:41:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	84	50.000	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.685	114	681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1349	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	941	1294.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 2589.140%#	
35) Dibromofluoromethane	7.716	113	618	157.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 314.100%#	
50) Toluene-d8	10.179	98	1543	104.970	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 209.940%#	
62) 4-Bromofluorobenzene	12.483	95	15289	3418.619	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 6837.240%#	

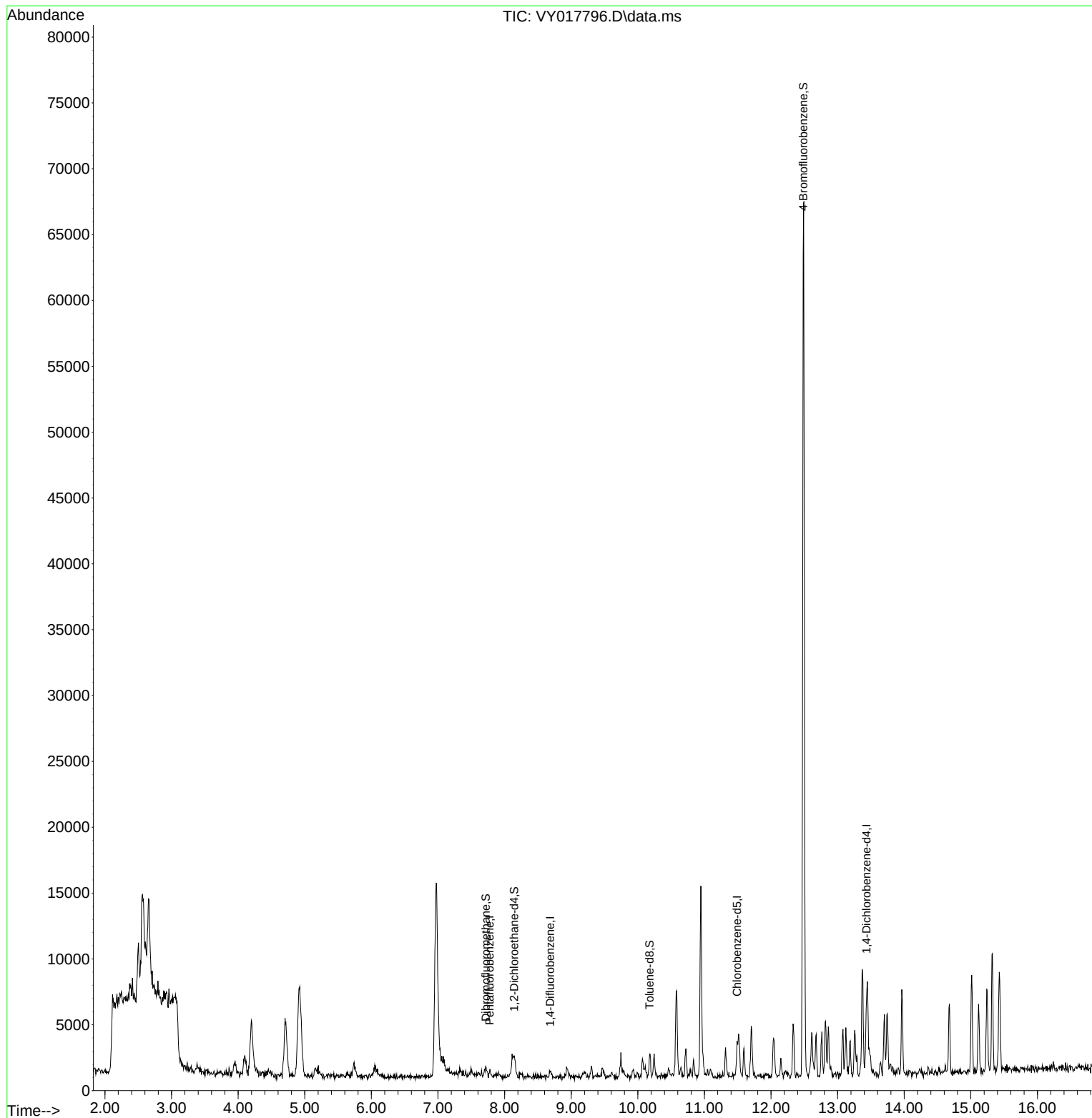
Target Compounds Qvalue

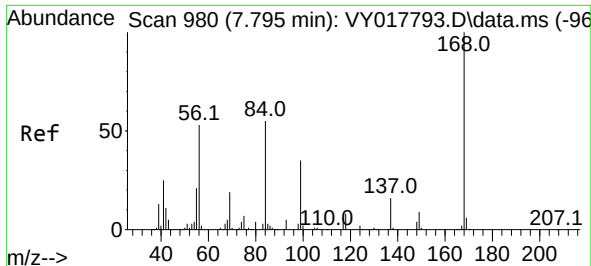
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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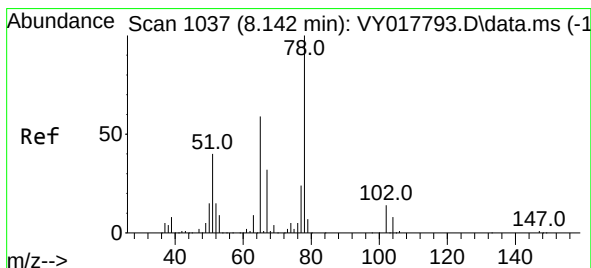
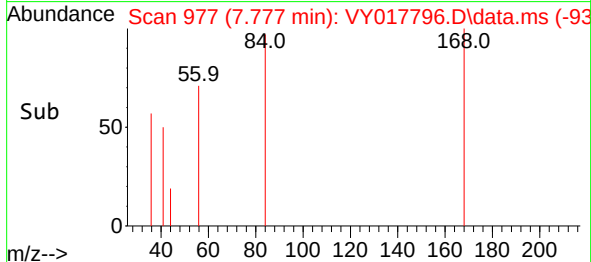
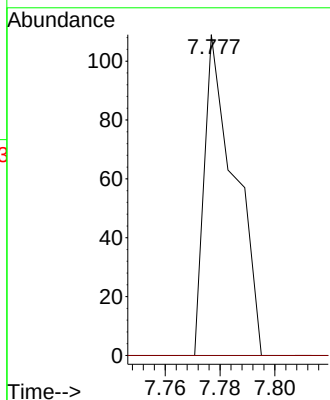
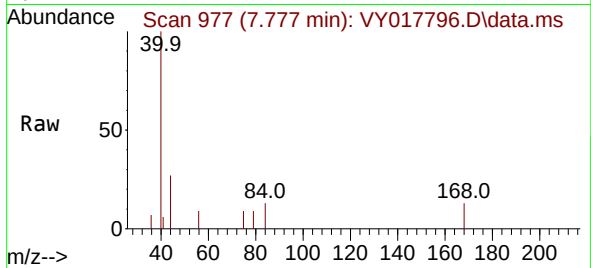




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

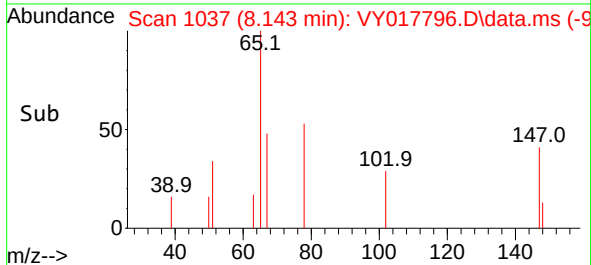
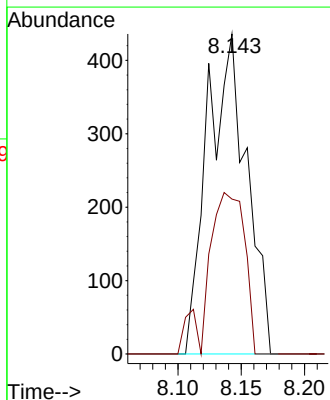
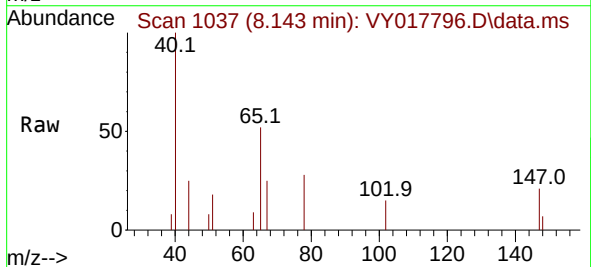
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

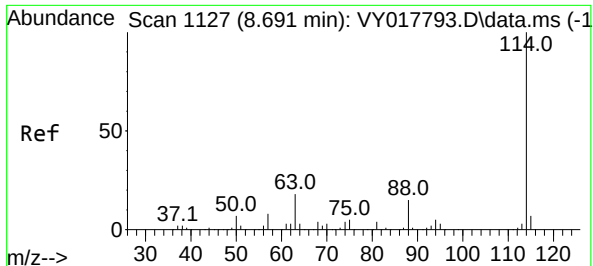
Tgt Ion:168 Resp: 84
Ion Ratio Lower Upper
168 100
99 0.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 1294.569 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 65 Resp: 941
Ion Ratio Lower Upper
65 100
67 47.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

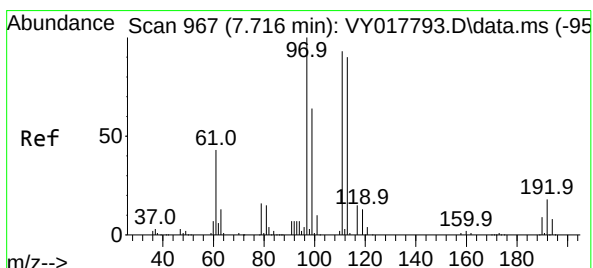
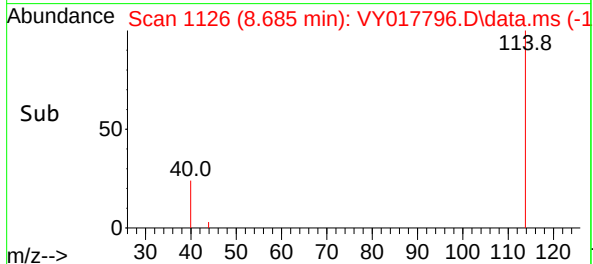
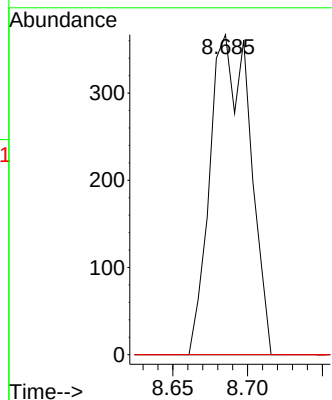
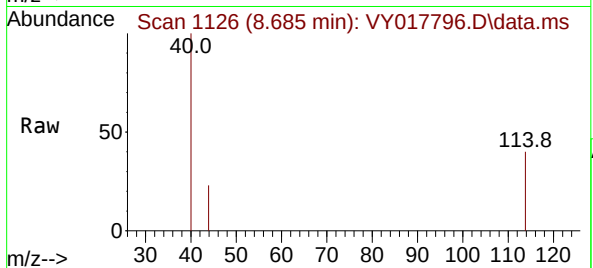
Tgt Ion:114 Resp: 681

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.0

88 0.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 157.047 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

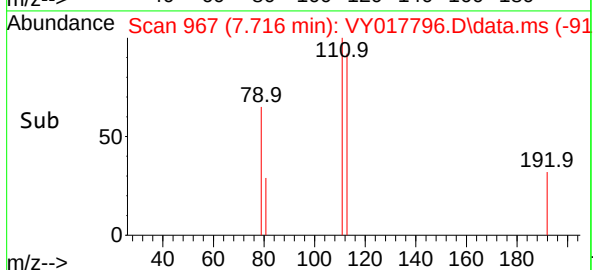
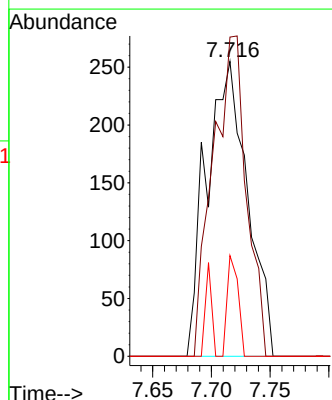
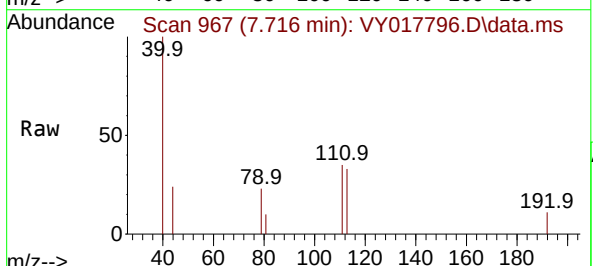
Tgt Ion:113 Resp: 618

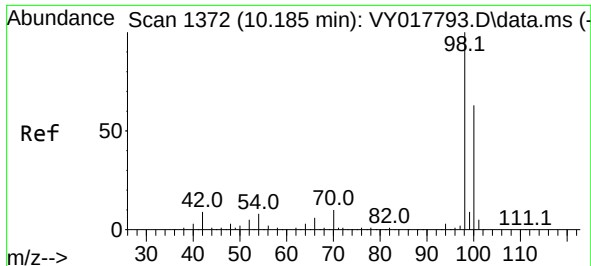
Ion Ratio Lower Upper

113 100

111 88.8 82.2 123.4

192 9.1 15.9 23.9#

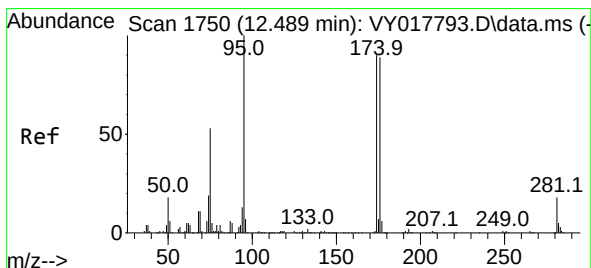
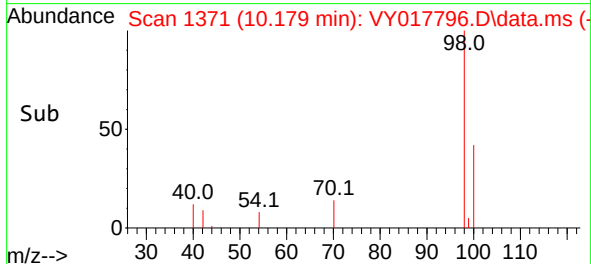
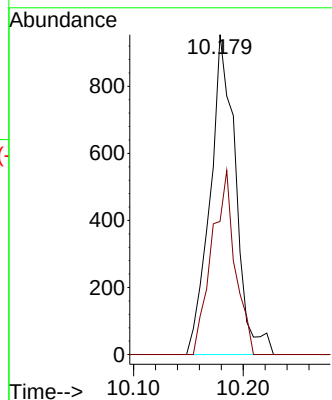
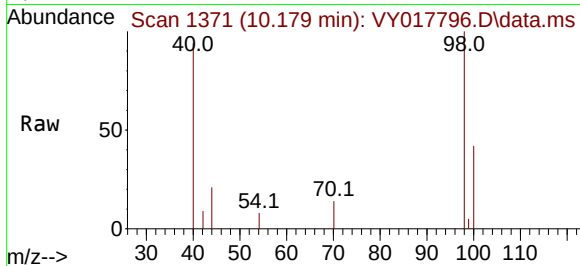




#50
Toluene-d8
Concen: 104.970 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

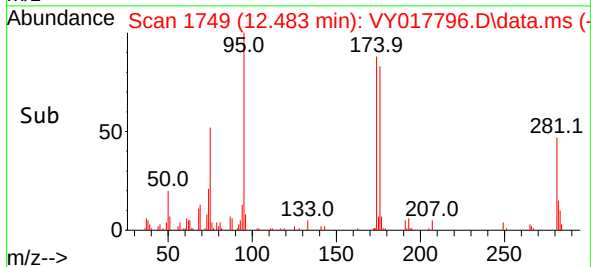
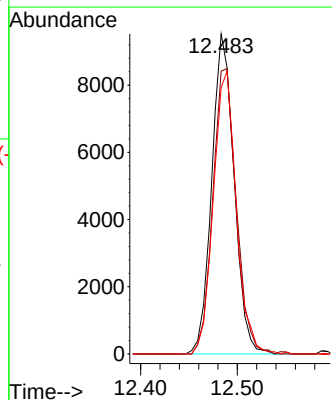
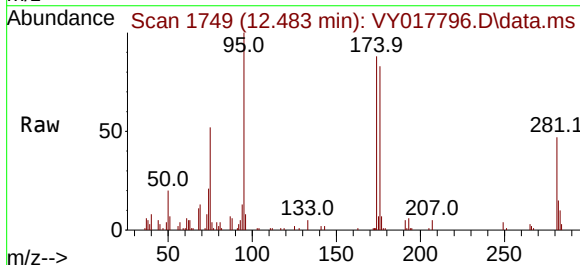
Instrument :
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VIBLK

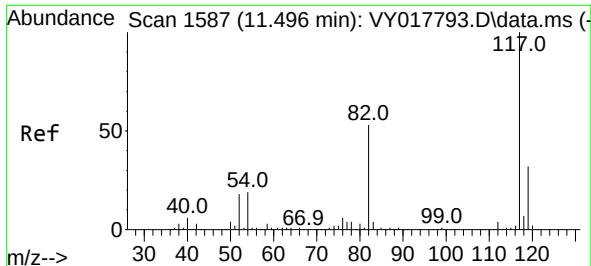
Tgt Ion: 98 Resp: 1543
Ion Ratio Lower Upper
98 100
100 52.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 3418.619 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 95 Resp: 15289
Ion Ratio Lower Upper
95 100
174 93.4 0.0 175.6
176 90.4 0.0 171.4

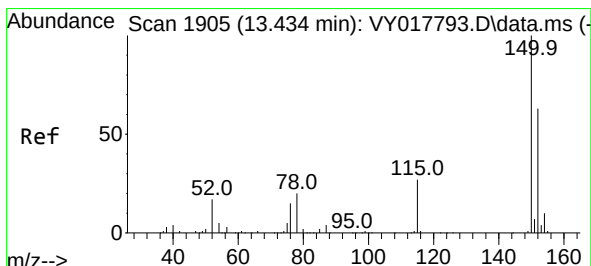
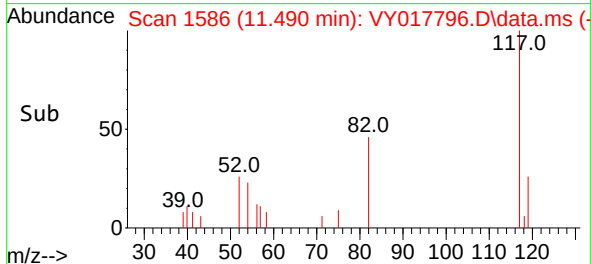
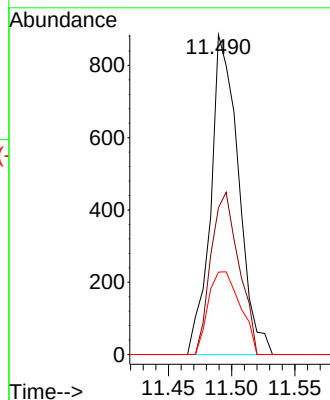
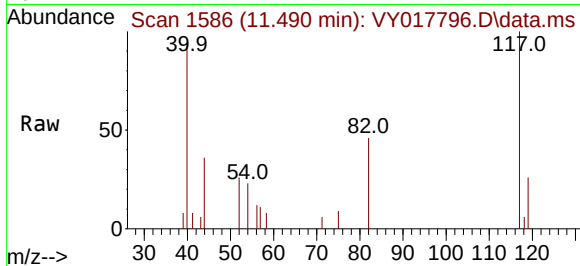




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1349
Ion Ratio Lower Upper
117 100
82 45.9 42.4 63.6
119 25.8 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion:152 Resp: 1230
Ion Ratio Lower Upper
152 100
115 60.1 28.2 84.7
150 195.4 0.0 345.6

